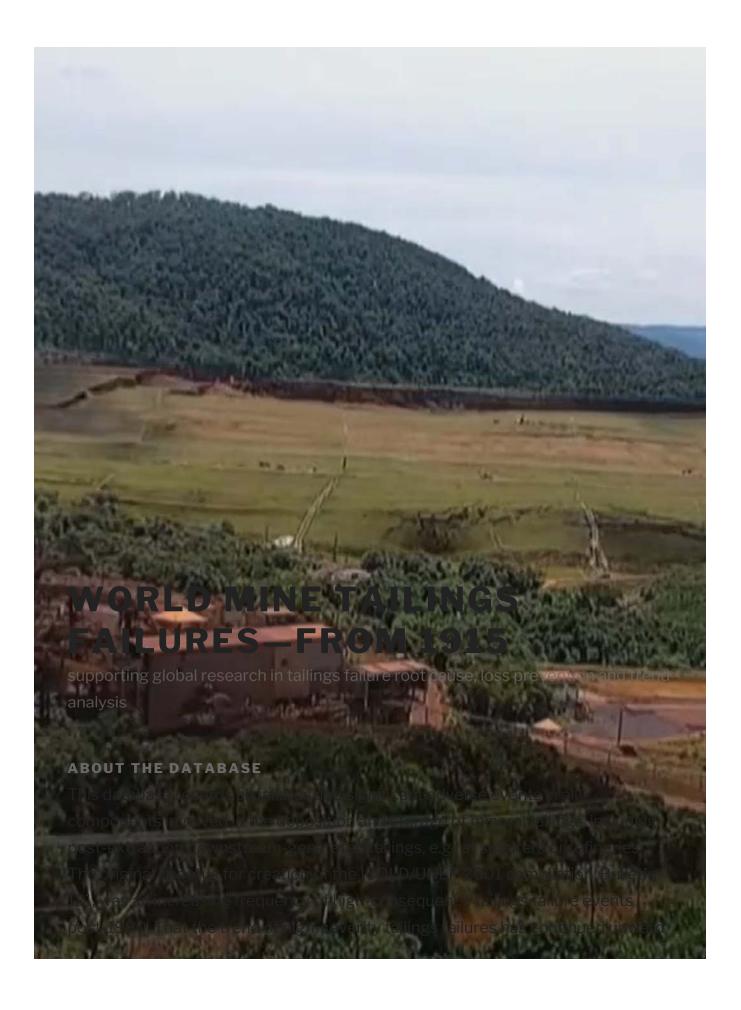
	WORLD MINE TAILINGS FAILURES		1		
Current as of March 1,2019		Editor	NOTICE & DISCLAIMER		
	Lindsay Newland Bowker, Principal Compiler & Chief Ec compiler@worldminetailingsfailures.org		ions in this document have no legal force and must not be considered as icial regulations. They are intended for the use of experienced		
		DENT CLASSIFICATIONS		ECONOMIC HISTORY AS OF FAILURE/EVENT	Magnitude Index Scores ( act/ ref decade average) INDEX BY SEVERITY CODE
V 0008	STORAGE ₹	2 Date of the second se		Compiled & Contributed by Bill Williams, PhD, Economic Geologist Est. Mill through-	The magnitude index (Cd (visitions the event) lased on the final net instance, name and details. The index lased in the decade 1816 to CD. This score final composent is the unweighted ratio of the event measure to the average measure for the reference decade.
FACILITY & MINE DESCRIPTION	ORE TYPE DAM TYPE DAM TYPE DAM TYPE MATTRIAL (meters) (cu.meters)	RUNOUT (km) DEATHS	SOURCES NOTES	DEPOSIT TYPE ORE TYPE Mitconnes Cu, X Au, ppm CuEq, X 1st Prod Mitconnes Minerals ORE DEPOSIT OATA	Release         Runout         Deaths         Overall         vser         ser         minor           P/PRAVG         Q/QRAVG         R/RRAVG         SUM AH-AJ         raw
1         127.46         1         Mina Cárrego do Feljão Mast 1 and Dam 86, Vale, Minas Gerais Brazil           2         Corro Coroa Mine, Godifelda, Cajamaraz, Peru           a         P         8         Rosbery Mine 3 TSF.MMG/StamaniaAustralia	FE         110         1         B           Cu,Au         CL         R         2         A           Zn/Cu/Au         1         A         A	2018 16-Dec-18 0	institucionales/orfs-supervisa-deceaves- seal of spring within the impoundment failed allowing tailings to flow into spring water	POR Cu/Au 2008 2008	6.33 0.21 21.43 27.96 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
A      B     A	Coal	OT 2018 xx-Sep-18 0	Envirit The Advances 102/2018 (4)     al drahage pool for newly commission (d f) overlopping due to heavy rains         the off dentified at plant and scheduled for starting register for advances for densers and denser heart rains of the off dentified at plant and scheduled for scheduler of scheduler advances for advances f		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
3 Antamok Mine , TSF#3 Itogon Benguet Mining Corp,Phillipines	AU 1 B AU/AG 1 A		at 1 of 3 unamed coal ainh ponds at 1V Sution Heavy rains caused a breach in the stopper boards of a penstock_2nd incident see 28 /Oct/16 Heavy rains caused a breach in the stopper boards of a penstock_2nd incident see 28 /Oct/16	POR cu 1,400 0.34 2014	0.23 0.67 0.36 1.26 0 1.255269991 0.00 0.00 0.00 0.00
2 1 Cineguita, Mexico     3 0 2 Caserones Copper Mine, Lumina Copper, Chile		2018 20/Mar/18 15	tamgs spin snats down processing 51ch imparment, nstp://www.sojcnie.cs/Lopapo/Horte-Mintero/2018/US/3U/52514/Pritracion-de-reave-mo- Mining Weeky 04/04/2018 on face-reave-sing-51ch imparment, nstp://www.sojcnie.cs/Lopapo/Horte-Mintero/2018/US/3U/52514/Pritracion-de-reave-mo- de-reave-sing-51ch imparment, nstp://www.sojcnie.cs/Lopapo/Horte-Mintero/2018/US/3U/52514/Pritracion-de-reave-mo-		
Huancapeli Ancesh, Peru Compañía Miterez Lincons & (Grupo Riceso), Talingo Dam # 3           3         1         Cadila, NSW Australia, (Newcrest Mining Ltd)	AU,CU 1 A	2018         3/Mar/18         80,000           .         SI         -         2018         9/Mar/18	wine the incident has constaminated copy. The Spichoc creat and the Statin Arive Uroke through south dama for onthis charged metal the bit in images material is a slump fully contained in so. dam. Interrupted operations threly, accesses to have no public consequences: exemed ad operated by Vale until 2011 sale of a lineterest for SI. Bit to constamine the operation come and accesses to have a VICS in company factor threads that Off course and moder and an environmental activit; speciess to be very regisficiant event are very strong language and VICS in oncompany factor that Off course and moder of an environmental activit; speciess to be very regisficiant event are very strong language and VICS in oncompany factors that Off course and moder of an environmental activit; speciess to be very regisficiant event are very strong language and VICS in oncompany factors that Off course and moder of an environmental activit; speciess to be very regisficiant event are very strong language and VICS in oncompany factors that Off course and moder of an environmental activit; speciess to be very regisficiant event are very strong language and VICS in oncompany factors that Off course and there are very regisficiant event are very strong language and VICS in oncompany factors that Off course and there are very regisficiant event are very strong language and VICS in oncompany factors to be event.		0.00 0.00 0.00 0.00 0 0 0 0.00 0.00 0.0
Barcarena, Pará, Brazil , Alunorte(Hydro Alu Norte/Norsk Hydro ASA)     Compartment 2 Hernic Platinum Project (ferrochrome) South Africa	Bauxite 1 A	OT         2018         17/Feb/18           SI         2017         29/Dec/17	kee very strong anguage at visio on company densis that U ocurred and murder of an environmental activit; appears to be very significant event     whit     were seen to be been appears to be very significant event     white and u courses and murder of an environmental activit; appears to be very significant event     white any seen appears to be very significant event     were seen appears to be very significant event	le l	0.00 0.00 0.00 0 0 0 0.00 0.00 0.07 0.07
2 0.07 1 Kentucky Power & Light		2017 5/00/17 - 0 1	mycarathones con/custant/http://tita-tech-employee-dee-ab- topics-conference-in-the analysis of the state of	AU 2016	
2 - Kokoya Gold Mine,MNG Gold Mining Ltd,Monrovia,Liberia Avesoro Holding	AU CL WR 300,000 1 A	. ST · 2017 9/Sep/17 11,356	forstpageafraconine comineevilibera. mengedelaate of		
2 2 1 1.38 Vedanta Aluminium Limited Smelter Ash Pond, Jharsuguda, India		U - 2017 28/4xg/17 2,625,000	mp; //emmendes.com/mmp.gob; contaminations_com/ps/com		1.38 0.00 0.00 1.38 1.384017003 0 0
3         2         Husab, Namibia (Swakop Uranium (Taurus Minerals))	U 1 A		engraphies and a UMMETAppendian surf (2 UMME) or a second se		0.00 0.00 0.00 0 0 0.0045
3         0.00         2         Highland Valley Copper, British Columbia, Canada ( Teck Resources)           2         0.57         1         Mishor Rotem, Israel (ICL Rotem)	Cu         Sand         140         1         A           P         60         1         A		denses type (1764) cabinesetime(1764) cabinesetime(	Cu/ag/au 16.41 1.19 1971 annual report 2016	0.05         0.51         0.00         0.57         0         0.56554497         0           0.11         0.00         0.14         0.25         0         0.248306057         0
3 Husab, Namibia (Swakop Uranium (Taurus Minerals))		2017 xx/Marg/17	ttps://www.samban.com.ng/160201/pmbkw-read/skubb pump falser in commissioning cound overtapping initially devied by niver. Fully contained new perimter: release onto united area.		
2         0.25         1         Tonglivihan Mine, Hubel Province, China (China Daye Ltd.)           3         0.03         1         Antamok, Baguio, Philippines (Benguet Corp.)	Cu Au Ag Fe         1         A           Au?         2         B		MIC Apartial dam halara socured "wich fooded a fish pand downtream of approx. 27 Jecters. Two persons were reported dead and one was reported feeding" Actuals halk water control, Bagia Midland Caulier whore, Marcia		0.03         0.00         0.03         0         0.02636           0.00         0.00         0.00         0         0         0
1         Duke Energy Coal Ash Overt           2         0.42         1         New Wales plant, Mulberry, Polk County, Florida (Mosaic Co)	coal         414,938         1         B           P          1         U		enandeh energing dash dash eserge 3000000000 taad dash barg on Norway Georeany Water Facel Nacional or technical or dash have y deven environmental damage <u>team investmental en ange</u> <u>team investme</u>		0.42 0.00 0.00 0.42 0 0.421795658 0
1 1.05 4 Louyang Xiangjiang Wanji Aluminum, China	Al 1 A	i Si · 2016 10/Aug/16 2,000,000	MG, WALCON - abbit spatial space grant and be spatial space grant and be spatial spatial space grant and be spatial space grant and gra		1.05         0.00         0.00         1.05         1.054489145         0         0           0.00         0.00         8.21         8.21         8.214285714         0         0
1 8.21 1 Hpakant, Kachin state, Myanmar     Sepon Mine Western TSF Pipeline MMG as Lane Zane Minerals, Savannakhet Provin     Savannakhet Provin	13de 60		nine, (f)/www.f. karg/keglu/hysex/mperses/heldite f Status task into Status and Status	chalcoote CU/Au 5.9 2.1 2003 15.6	23,73 16.33 1.36 41.42 41.41648195 0 0
1 41.42 1 Fundao (Germano), Minas Gerais, Brazil, Samarco( Vale & BHP)	Fe US MW 90 55,000,000 1 A	ST - 2015 5/Nov/15 45,000,000 637 19	expert to an instance contract or more and the second of t	Au	0.01 0.00 0.01 0 0
Gold King Mine, near Silverton, Colorado     Sold King Mine, near Silverton, Colorado     Yellow Giant Mine, Banks Island, British Columbia, Canada	Au         N/A         N/A         3         B           Au         Au         2         A		CBA Sciences y legis (TA Science Science         Durg work by PA Legis accontant in the science Scienc	Au	0.00 0.03 0.00 0.03 0 0 0
3         3         Rosario Mine, San Luis Potosi Mexico, Santa Cru Silver Mining LTD.           1         1         Queensland Nickel/Jabulu Refnery,/ Clive Pameri, Townsville Australia	Ag         1         A           Ni         1         A		An and a second se	NI	0.00 0.00 0.00 0 0 0
Constitution (No. 1, Industry Constitution (No. 1, Constitution (No	Fe 1 A		http://www.themps/likelistic.com.ur/beek/ool/ined.toc. W/VT0051g Gearup Dil	PCD Cu 10000 0.5 0.5 1000 Py	0.00         0.01         0.21         0         0.214285714         0           0.02         0.00         0.02         0         0         0.02109
3         0.02         1         Buenavista del Cobre mine, Cananea, Sonora, Mexico (Grupo Mexico)           1         12.62         1         Imperial Metals, Mt Polley, British Columbia, Canada	Cu         1         A           Cu Au         MCL         MW         40         74,000,000         1         A		MIG Southern Copper Carp, (Snapo Maloca) Flow Into the 420tin-long Bacanach Inter waterway, a Molatary Othe Soute River, develoy Affecting BSD,000 people Copper Parel Report, Backersky277 Begint en Mourt Palley Tailings Sourge Facility Renach, Independent Coper Capitering Investigation and Review Parel, Province of Batch Columbia, Joseph April 2015 Annual Pagest Paper Report, Backersky277 Begint en Mourt Palley Tailings Sourge Facility Renach, Independent Coper Capitering Investigation and Review Parel, Province of Batch Columbia, Joseph April 2015 Annual	PCD Cu Au 507 0.28 0.29 0.512607128 2005 56.3628125 Py	12.44         0.18         0.00         12.62         12.62245909         0         0           0.18         0.00         0.18         0         0.176099687         0
2         0.38         1         Dan River Steam Station, North Carolina (Duke Energy)           3         0.77         Coalmont Energy Corporation, Basin Coal Mine	Coal         155,000,000         1         A           Coal         U         U         1         A	ST         -         2014         2/Feb/14         334,000           OT         -         2014         24/Aug/13         30         30	NIXC, Calcent 2024 Calcent 2024 Calcent 2024 Calcent and datasep pipe under 3.7 score whi wants poor. All flowing trips pi too Das River. Tailing: Facility Fallures in 2021/2024, Calchest, Biocs4 (pitchever, calcent and datasep pipe under a 2.7 score whi wants poor. All flowing trips pitco Das River. Tailing: Facility Fallures in 2021/2024, Calchest, Biocs4 the mail proceedings pipe under a 2.8 score and the material entering the Tailonese. Note: , , , , , , , , , , , , , , , , , , ,	Coal Coal Coal Coal Coal Coal Coal Coal	0.00 0.77 0 0.77 0.00 3.33 3.33 3.33 3.33333333 0
1 Arcelor Mittal, Minorca Mine , Minnesota	1 A	2014	Keer.     K		
3 Arcelor Mittal, Minorca Mine ,Minnesota	2 A		mp_(comment prodeworks) don/common Average based of the company's talking pipeline and a dile failure at the talking stange basis inspected more than there some of wetland.		
Arcelor Mittal, Minorca Mine, Minnesota     1 3.33 1 Minas De Bacis Mine Co, Mexico	2 A	2013 130	2016/27/10/2003/26/2016/2003/26/2016/2017/2017 Teteren My 2012 and April 2014 Initial from the company's talling spleties and a die failure at the tallings tange havin inspatied more than fiftees some of vertand.		0.00 0.00 0.00
2     1 Durango, Mexicou     3     0.00     1 Zangezur Copper Molybdenum Combine, Armenia	Cu Mo 53.6 31,000,000 2 A	2013 21/Jan/13 1 U - 2013 15/Nov/13	Listens (2)         averlingung (021) (021075/247156 gdf           Mill, Gener Program         Costmet Moling AG. Tallags spielse damage, talling flowing into Korathensk New For sevend days (http://www.thagreesprogram.org/liogedod2.htm)	CuMo Coal	0.00 0.00 0.00 0.00 0 0 0 0.35 0.00 0.00 0.35 0 0.35223864 0
2 0.35 2 Obed Mountain Coal Mine Alberta, Canada (Sherritt International)	Coal 1 B		Mic Celevel, 204     South Immediated Jointh 4 with or instrument grade. These of description for and particles description of the result and entertually be alternated by the mits or instrument grade. These of the result and the result for a south and the result of the result for a south and the result of the result for a south and the result of the result for a south and the result of the		0.03 0.00 0.03 0 0 0
Casa Berard Mine, La Sarre, Abitibi region, Quebec (Hecla Mining Company)     2 0.05 1 Guilbridge Mine Newfoundland	Au         1         B           Cu         DS         E         7         1         B		All of the second secon	Cu	0.05         0.00         0.05         0         0.052724457         0           0.13         0.00         0.01         0.13         0         0.126538697         0
2         0.13         1         Sotkamo, Kainuu Province, Finland (Talvivaara)           1         6.85         1         Padcal No 3, Benquet Philippines (Philex)	NIU         1         A           Au Cu         US         102,000,000         1         A		AND and a second contracting proving the transmission of the second proving	PCD         Au Cu         590         0.3         0.35         0.58073274         1958         325         Py           Pb Zn	6.85         0.00         0.00         6.85         6.854179441         0         0           0.00         0.00         0.00         0         0         0         0         0
Hudson Bay (HB) Mine, Salmo, British Columbia (Regional District of Central Kooter & Teck)	129 Pb Zn 1,800,000 1 B	5E - 2012 11/Jul/12	Criticitie 2010 Criticitie 201	Au A	0.00         0.00         0.00         0.00         0         0           0.00         0.00         0.00         0.00         0         0         0
I Johson Gold Mining Corporation at Baranggay Bangong-Bayan     In Mineracao Serra Grande Tailings Dam ,State of Golas Brazil, (Anglo Ashanti)	Au 1 A AU CL	ER         .         2012         13/Apr/12           OT         2012         300	Kontrakanan Winderlah Kur, 2012         Cpantise ladem nine tallega dentrayed 20 hauses, (http://mentukasansacridu/debus.2 laguest.com/2012/06/http://lite-dauster.gold-miners_21.html           Ch/Umik/Lobas/Doorboads/AGA-0912-bre-sema gunda pdf	AU A	0.00         0.00         0.00         0         0         0           0.01         0.00         0.00         0.01         0         0         0.00527
3         0.01         1         Mianyang City, Songpan County, Sichuan Province, China           2         0.11         1         Bioom Lake, Triangle Tailings Pond, Quebec, Canada (Cleveland Cliffs)	Mn         1         A           Fe         1         A		Faire Onestone ket, NGS even to ally 2016 the management of the destribution compares media plant to mise water than its traiting dama into the full get management of the destribution compares plant for any and the plant for any any and the plant for any any and the plant for any any and the plant for any any and the plant for any	Fe 264 2008	0.11 0.00 0.00 0.11 0 0.105448914 0
Constant and a second sec	Cu 1 A		National Response Canter, Incident Na. 4000-8000 tons of copper one salling released from one of the tailing posts due to a breach in the data.		0.00 0.00 0.00 0 0 0
3         0.00         1         Vales Point Ash Dam, Wyong (Delta), New South Wales           1         1.24         1         Ajka Alumina Plant, Kolontár, Hungary (MAL Magyar Aluminum) #2	coal         1         A           Al         DS         Compacted Fy Ash         22         30,000,000         1         A		Land Lange May Bang Ziao Mang Bang Bang Bang Bang Bang Bang Bang B	Al	0.53         0.00         0.71         1.24         1.241530287         0         0           0.00         0.00         1.57         1.57         1.571428571         0         0
1 1.57 1 Zijin Mining, Xinyi Yinyan Tin Mine, Guangdong Province, China	Sn 1 A		Zjin Mining Group; Fry et al. 2012 [http://www.facing-finance.org/en/database/cases/zjin-mining-collapse-of-tailing-dam-kilo-	Ag, Cu, Pb, Zn	0.01 0.00 0.01 0 0
1         Huancavelica, Peru, Unidad Minera Caudalosa Chica Mine           2         0.30         1         Las Palmas, Pencahue, VII Region, Maule, Chile (COMINOR)	2n 10 1 A 2n 15 1 B		Marce & Communities 2010 (2014) Marcene et al., 2014 Garmanulari 2010 (2014) Marcene et al., 2014 Garmanulari 2010 (2011) Marcene Marcene et al., 2014 Anter Schwart,	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00         0.01         0.29         0.30         0         0.298534799         0           0.04         0.00         0.00         0.04         0         0         0.04474
3         0.04         1         Veta del Agua Tranque No. 5, Nogales, V Region, Valparsico, Chile           3         0.00         1         Tranque Adosado Planta Alhué, Alhué, Region Metropolitana, Chile	Cu         US         1         B           DS         15         1         A		National inspire enhance Me + EL dage ELL, dage Handling with unincidin (stade of dermation) National Inspire enhance Me + EL + >521 un, dage ELL, dage Installing with unincidin (stades defamation)		0.00 0.00 0.00 0 0 0
3 0.00 1 Tranque Planta Chacón, Cachapoal, VI Region, Rancagua, Chile	1 В	EQ 2010 27/Feb/10	Viberando         Https://www.setuple.kew.rstl.ket.22 (in., type ratiolity with submiciply induced determations           Viberando         Https://www.setuple.ket.action.gov           Viberando         Https://www.setuple.ket.action.gov		0.00         0.00         0.00         0
3 0.0 1 Trançue Adosado Planta Albud, Albud, Region Metropoltana, Ohle (Planta Mine)     1 0.7 1 enregue Adosado Planta Albud, Albud, Region Metropoltana, Ohle (Planta Mine)     1 0.7 1 enregue Adosado Region, Reusal Control Xuella (Sentaria Sentaria)     2 0.2 1 enregue Adosado Cardo Xuella Aldoromous Prefetcues. Javan Province, Chia			Naconoo integatar archipatar archipatar Mar 11, 1255 at toxi volume extended loci, sige 1.21, stope instability with winnobily induced deformations MC MACC Integration (Integration Integration MC 2010 G-31); shutdown in 1990, tad design, bad contruction, on materiance led to procedure commission plore to Marcy	Vein         Au         1578            Mn	0.63         0.00         0.07         0.70         0.704122058         0         0           0.03         0.00         0.21         0.24         0         0.240647343         0
	Mn 50,000 1 A	U - 2009 14/May/09 50,000 3	NGC blied + liping amazinnengeura conneutoangi anegaroy		0.00 0.00 0.00 0 0 0
3         0.00         1         Coircancha, Gold Hawk, Peru Tailings           1         2.27         1         Kingston fossil plant, Harriman, Tennessee, USA (TVA)	AgAUPBZN         1         A           Coal         1         A	0T 2008 8/May/17	nen <u>was to de conservado</u> <u>international de conservado</u> entre de la conservado entre de conservado entre de la conservación	Stratt Coal 1955	2.16         0.11         0.00         2.27         2.266830952         0         0           0.14         0.06         18.14         18.35         18.34826125         0         0
1 18.35 1 Lidi Talling: Dam(?)Taoshi, Linfen City, Xiangfen county, Shandi province, China (Taham Miring Co.) 3 0.00 1 Long Liak Colummer Ektal Mine, Northwest Territories, CA (BHP Billion)	Fe         US         50.7         290,000         1         B           diam            2         A	U         -         2008         8/Sep/08         268,000         3         254           N         SI         2008         1/May/08  254 <td< td=""><td>MG All Mitsl 2/4 deal and 2/2 vigest, factory and new unleased, minor and generative classed with a state owned conseary "savide" 172 program cause has all persentiality (777) deal and the state owned conseary "savide" 172 program causes have all and the state owned conseary "savide" 172 program causes have all persentiality (777) deal and the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persentiality (777) deal and the state of the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary the state owned conseary the state owne</td><td>F 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>0.00 0.00 0.00 0 0 0</td></td<>	MG All Mitsl 2/4 deal and 2/2 vigest, factory and new unleased, minor and generative classed with a state owned conseary "savide" 172 program cause has all persentiality (777) deal and the state owned conseary "savide" 172 program causes have all and the state owned conseary "savide" 172 program causes have all persentiality (777) deal and the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persentiality (777) deal and the state of the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary "savide" 172 program causes have all persential the state owned conseary the state owned conseary the state owne	F 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.00 0.00 0.00 0 0 0
3 0.01 3 Glebe Mines, UK	F E 1 B	OT - 2007 22/Jan/07 20,000	Gill at elitar mine-LX8120	Laterite (Baud) Al	0.01         0.00         0.01         0         0.01054           1.05         0.00         0.00         1.05         1.054489145         0         0
1         1.05         Minaracaa Rio Pomba Cataguases, Miral, Minas Gerais, Brazil, Mineração (industria Dudinicas Cataguases)           2         0.07         1         Dayton Power & Light	<sup>15</sup> Al 30 1 A coal 1	OT         .         2007         10/in/07         2,000,000           SI         2006         25/jul/06         .         0         1	ARC, Manda are leading to a status Para and lead data UB diversion of the case	2 Coal	0.00 0.00 0.07 0.07 0 0.071428571 0 0.00 0.06 0.00 0.06 0 0.064946155 0
2 0.06 3 Fonte Santa , Freixia De Espado a Cinta, Portugal	?         No Design         E         25         2         B	OT - 2006 27/Nov/06 1,600 3	Dopys, 2011(b);         France at: al [24]         Bigging of uplicery (low of permetability due to degeing closed for 20 years. depaids or 21 20 above. The per Forma, total issue of comment, dup at & Forma RelaxedAnnees. Editionate Do Not Agree.           Bigging of uplicery (low of permetability due to degeing closed for 20 years. depaids or 21 20 above. The per Forma, total issue of total per forma, total issue of total per forma, total issue of total per forma.           Bigging of uplicery (low of permetability due to degeing closed for 20 years. depaids or 21 20 above.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.           Bigging of uplicery (low of permetability due to degeing closed for 20 years.	55C Cu 1100 2.16 3.6 1939 135 Co	0.00 0.00 0.00 0 0 0
3         0.00         3         Nchanga, Chingola, Zambia (Konkola Copper Mines - Vedanta)           1         1.34         3         Millang, Zhen'an County, Shangluo, Shaanxi Province, China	Cu         1         unk           Au         1         A	U · 2006 30/Apr/06 5 17	Not State of Copper, management, cobit in river werker, dokting water uspip of downstream communities whit down.     The landside buried about 49 neuroparties, cobite indices, Deve lighter propie were taken to hauptal. More than 120 local insidents have been evacuated. Task potentiam     Suphane werken the lot the Naturabulant, contamining a Taynets. Sum downstream.	Au         Au           Laterite (Bauch)         Al         Image: Compared to the second to t	0.00         0.13         1.21         1.34         1.342490842         0         0           0.21         0.00         0.01         0         0.210897829         0
2 0.22 Mineracao Rio Pomba Cataguases, Miral, Minas Gerais, Brazil, Mineração (industria Químicas Cataguases) Prestea Gold Mine Bogoa Gold Ltd. Ghana Incti2, Golden Star Resource			Mitrada, Jose Kiral Magazine, January 11, 2007, Mitrei & Linde Ora 1357 infraction in 2006 per this linui Magazine account of 2007 major incident, no details giver, nice shar after 2006 event per Planet Ari (§ Mines & Communities Communities (2007)	AU A	
3 0.03 1 Bangs Lake, Jackson County, Mississippi, USA (Mississippi Phosphates Corp)	P 1 U	U - 2005 14/Apr/05 64,350	A process of the mean sample reasoning pipe was averaging at the company was type in the company and type in the company was type in the company	Vein-Strat         Hg         1.1         1940         1940         0.00         0.0	0.03         0.00         0.03         0         0.03393           00         0.00         0.00         0         0.03690712         0
Pinchi Lake, BC, Canada (Teck Cominco Ltd.) Prestea Gold Mine Bogoso Gold Ltd. Ghana Inc#1	Hg         WR         E         12         B           Au                B		State Sci Disk (2014)         State Investigation as an exhibit schling indice, diskning, ADIT 19 still           State Sci Disk (2014)         State Sci Disk (2014)           State Sci Disk (2014)	Au Strat P Strat	0.12 0.00 0.00 0.12 0 0.119684518 0
2 0.12 1 Riverview, Florida, USA	P 1 U	U - 2004 5/Sep/04 2227,000	Leek trat leads to Histotrough kay.	Strat Coal Coal	0.08 0.00 0.00 0.08 0 0.084359132 0
2         0.08         1         Partizarsk, United Energy Systems(Dalenergo),Primorski Kral, Russia           3         0.02         1         Malvési, Aude, France (Comurhex, Cogéma/Areva)	Coal         Ring         20,000,000         1         A           U            A		and into a tributing the first and the second secon		0.02         0.00         0.02         0         0.01582           0.04         0.51         0.00         0.56         0         0.55500079         0
2         0.55         1         Cerro Negro, near Santago, Chile, (5 of 5)           2         0.35         1         Sasa Mine, Macedonia	Cu         US         T         1         A           Pb-Zn         2,000,000         1         A	ER         .         2003         3/Ort/03         80,000         20           ST         .         2003         30/Aug/03         85,000         12	http://www.new.op/backers/sectorsectors/sectors/sectors/sectors/sectors/sectors/sectors/sectors/s	Pb-2n         Image: Control of the state of the st	0.04 0.31 0.00 0.35 0 0.352508096 0
1 0.63 1 Mineracao Rio Pomba Cataguases, Mirai, Minas Gerais, Brazil, Mineração (Industria Químicas Cataguases)	<sup>15</sup> Al 1 A	U - 2003 2003 1,200,000	More & Communities Organization and a control and a contro	HT Manto Cu 580 1.1 1.1 19th c 200 Py	0.63         0.00         0.00         0.63         0.632693487         0         0           0.00         0.00         0.00         0         0         0.00237
3         0.00         1         El Cobre, Chile - El Soldado (Exxon)           3         0.00         1         El Cobre, Chile, 2, 3, 4, 5 (Exxon)	Cu         US         T         1         B           Cu         US         T         1         B		Malando Zong nina ad eveñar Malando Dong nina ad eveñar	HT Manto Cu 580 1.1 1.1 19thc 200 Py PCD Cu Au 1187 0.36 0.93 1.105946996 1980 97 Py Py	0.00 0.00 0.00 0 0 0.00422 0.53 0.00 0.00 0.53 0.527244572 0 0
1 0.53 1 San Marcelino Zambales, Philippines, Bayarong dam (Benguet Corp-Dizon Copper- Silver Mines Inc)	Cu Au 47,000,000 1 B	OT - 2002 11/Sep/02 1,000,000	NSG, Rplinks tion Copper Silver Mores Inc. Spillwary of Bayarong tailings dam collapsed and Canalca tailings dam damaged during heavy rain. Low lying villages flooded with mine waster; 350 families evacuated; mind or around record round in 1927	VMS Cu Pb Zn 1988	
3 4 Thalanga Mine, Queendand Australia 3 0.00 1 San Marcelino Zambales, Philippines, Camalca dam (Benguet Corp-Dizon Copper- Silver Mines)	Cu Pb Zn         UTSD         -         -         299,000         2         B           Cu Au             1         B		man and holdbackman 2004/19/19/2004_17/2 International Control Contro	PCD Cu Au 187 0.36 0.93 1.105946996 1980 97 Py	0.00 0.00 0.00 0 0 0
1 Cuajone,Peri	1 A		aaha	Au Au	0.00 0.00 0.00 0 0 0

| 3 0.00 2 Tarkwa, Ghana (Goldfields)  
   | Au  
   
   |  | 2  
   | A   | _   |   
  | 16/0ct/01  
  |  |   | Anan Mike Environmental News Service[17]  
   | comparation orginaticie php?hds744 (accessed 1.ku16) joint failure in pipe carrying cyanide wasetwater to to! This is possibly a larger failure, but no_<br>additional defaits are available_   
   | Strat   
   | Fe  |  |                  |  |                | 0.00   | 0.21   |   
   | 0.35   | 0 0.347985348 0  |
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---|--
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--|---|---
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--|---|--|---
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---|---
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---	--	--	
2 0.35 3 Sebastišlo das Águas Claras, Nova Lima district, Minas Gerais, Brazil 1 2.00 1 Nandan Tin mine, Dachang, Guanpoi			
   | Fe  
   
   |  | 1  
   | A   |   |   
  | 22/Jun/01<br>18/Oct/00   
  | 8  |   | WISE<br>Wei, WISE   
   | 2 killed, 2 mining, Taillings & Im downstream the Córngo Taguaras stream, mud affected an area of 20 hectures (http://e.org.br/site/ieadm/orquivos/arquot10006.pdf) WEL15 killed, 100 mining, 300 houses destroyed  
   |   
   | Sn<br>Coal  |  |                  |  | Py, Asp, Ga    | 0.00   | 0.00   |   
   | 2.00   | 2 0 0  |
| 200 1 Invalidant Int Timer, Gachang, Golango     1 3.64 1 Inez, Martin County, Kentucky, USA (Massey Energy subsidiary Martin Co. Coal Corp)   
   |   
   
   |  | 1  
   |   |   | Table 1 2000  
  |  
  | 1,068,500 120  |   | ICOLD, WISE   
   | main, a strategy downmang, downmang, downmang, downmann wereingen<br>Entimated 200 million, gallon (work) and wereing wereing (113,500 mil) of call water into local stratem 80' deep over a 15-16' crowe pilar; 546M for cleanap; \$1.5M in state fine;<br>Internated 200 million, gallon (work) and wereing wereing of the barrier barr   
   | PCD   | Cu  | 1340 0.4   | 0.2 0.560418709  | 1968 317  
  | Py             | 0.56   | 3.08   |   
   | 3.64   | 3.640283903 0 0<br>1.082373564 0 0   |
| 1 1.08 1 Aitik mine, near Gallivare, Sweden (Boliden Ltd)  
   | Cu DS   
   
   | MW & I   | 15 15,000,000 1  
   | A   | ER  |   
  |  
  | 1,800,000 5  |   | ICOLD, WISE   
   | The area were care to approximately and a strategy operation on a strategy course (strategy and control of an approximately operated on a strategy operation of the strategy operation  
   |   | Pb Zn   |  |                  |   
  | Ру             | 0.00   | 0.00   |   
   | 0.00   | 0 0 0.00482  |
| 3 0.00 1 Borsa, Romania (Remin S.A - govt)   
   | PbZn  
   
   |  | 1  
   |   |   | Table 1 2000  
  | 10-Mar-00  
  | 9,140  |   | wise,[23]   
   | 22,001 of heavy-netal contaminated tailings, contamination of the Vouer stream, inhibitary of the Tissa River. Company. Remin SA<br>Jana SA-Streamids Exploration, Australia (2010), Remin SA. (H4.BNI). Xilled toorses of this and palaoned distaling water of more than 2 million people in Hungary, retraining of tailings (mining there for   
   | Tailings  
   | Au  |  |                  | 1999   | St, Bi, Py, Ga | 0.05   | 2.56   | 0.00  
   | 2.62   | 2.616827021 0 0  |
| 1         2.62         1         Bala Mare, Romania           1         3.01         2         Toledo City, Philippines (Atlas Con Mining Corp)  
   | Au DS then  
   
   | US T   | 800,000 1  
   |   |   |   
  |  
  | 100,000 100<br>5,700,000   |   | ICOLD, WISE, Rico   
   | over 2,000 years) with cyanide; high snowfall led to water rise and overtopping causing a breach 25m wide and 2.5m deep (livebettermagazine.com)  
   | PCD   
   | Cu<br>Au Ag   | 2000 0.34  | 0.24 0.532502451 | 1955 575   | Py             | 3.01   | 0.00   |   
   | 3.01   | 3.005294063 0 0  |
| 3 0.01 2 Red Mountain, BC  
   | Au Ag Jumbo   
   
   |  |  
   | A   |   |   
  | 5/Jun/99   
  | 10.000   |   | Mt Polley Expert Panel 2015, App. 1   
   | Drainage tunnel blowout Fallure of the surface water disercion culvert beneath the facility. Discharge of tailings into the water reclaim good downstream of the impoundment and into Little Dreep Creek.   
   | Placer  
   | AU Ag   |  |                  |  |                | 0.01   | 0.00   |   
   | 0.01   | 0 0.00527  |
| 2 0.61 2 Surigao Del Norte Placer, Philippines (#3 of 3) (Manila Mining Corp)  
   | Au  
   
   |  | 3  
   |   |   | Table 1 1999  
  | 26/Apr/99  
  | 29,000 12  | 4   | ICOLD, Piplinks   
   | Manila Mining Corp. Tailings spill from damaged concrete pipe. 17 homes buried, 51 hectares of riceland swamped.  
   | Strat   
   | Р   |  |                  |  |                | 0.03   | 0.00   |   
   | 0.03   | 0 0 0.02636  |
| 3 0.03 1 Huelva, Spain (Fertiberia, Foret)   
   | Р   
   
   |  | 1  
   | A   | OT  | Table 1 1998  
  | 31/Dec/98  
  | 50,000   |   | ICOLD, WISE   
   | Fertberia ghosphate mine, \$4,000 mil of acidic and toxic water   
   |   
   | Au  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3 0.00 1 Zamboanga Del Norte, Sibutad Gold Project (Philex Mining Corp)  
   | Au  
   
   | _  | 1  
   |   |   |   
  | 27/Jun/98  
  |  |   | Piplinks  
   | Philes Gold Philippion Inc. Heavy rain multiel is ownflowing of Eld dans at the Stabulad gold project.<br>Modern mining structure in 33% at ready-kanakciery, koldukan de Priloss statuted open pin 15% after delivesting recently-discovered mineralization; doldern purchased company in 1867. Reused<br>Calaning TSW by least of contations or equation you calanity of the Statuted open pin 15% after delivesting recently-discovered mineralization; doldern purchased company in 1867. Reused  
   | VMS   
   | Pb Zn   | 161 0.44   | 2.53927127       | 1979   | PY             | 3.59   | 1.05   |   
   | 4.64   | 4.636545144 0 0  |
|  
   | Pb Zn WR  
   
   | R  | 27 15,000,000 1  
   |   |   | 209 1998  
  |  
  | 6,800,000 41<br>200.000  |   | ICOLD, WISE, Rico<br>WISE; Beavers 2013.  
   | Existing 12% with study of condition or capacity<br>Photoprogramming that have been as a state wave eventuated process from your processes to a process that results of the researce of approximately common generic or waters are<br>adjuster transfer and prode. Acids wave eventually transfer down the Akida taward Transpa Ray, Editionalise of the Water and Capacity (Capacity Capacity Capa   
  | Strat   | P   |  |                  |  
   |                | 0.11   | 0.00   |  
  | 0.11   | 0 0.105448914 0  |
| 3 1 Zamboanga Del Norte, Sibutad Gold Project (Philex Mining Corp)   
   | Au  
   
   |  | 1  
   | A   | OT  | - 1997  
  | 6/Nov/97   
  |  |   | Piplinks  
   | Barlamation is Choole. Faara Annaes. Islaansika of Doole kunik. Andi 2013 Interkis insocundment is annaun Baachi<br>Philes Gald Philippines Inc. Henry rain caused madflow and recisible into sit dam at Laba. Faarhoods damaged neurby bases and ice fields.   
   | PCD   
   | Cu  |  |                  |  |                | 0.12   | 0.00   |   
   | 0.00   | 0 0.121266252 0  |
| 2 0.12 1 Pinto Valley, Arizona, USA (BHP Copper)   
   | Cu  
   
   |  | 1  
   |   |   | Table 1 1997  
  |  
  | 230,000  |   | ICOLD, WISE   
   | Tailing dam slope fallers. Tailings flow covers 16 hectares.  
   |   
   | ?   |  |                  |  |                | 0.03   | 0.00   |   
   | 0.04   | 0 0 0.03548  |
| 3 0.04 1 Tranque Antiguo Planta La Cocinera, IV Region, Vallenar, Chile  
   | ? US/CI   
   
   |  | 30 1   
   | A   |   | · 1997  
  | 14/0ct/97<br>14/0ct/97   
  | 60,000 0   |   | Wilawicencio  
   | httpplate earthquake Me + 7.0, R + 80 km, dam slope 1.7.1; deaths in 1943 failure after 7.8 magnitude eartquake<br>httpslate earthquake Me + 7.0, R + 100 km, dam slope 1.5.1   
   | Magmatic  
   | Fe  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3 0.00 1 Algarrobo, IV Region, Vallenar, Chile 3 0.00 1 Algarrobo, IV Region, Vallenar, Chile  
   | Fe US   
   
   |  | 20 1   
   | A   | _   |   
  | 14/0ct/97  
  |  |   | Wilawicencio  
   | etropiute eartiquies Nr = 7.0, N = 100 km, dam loge 1.5-1<br>etropiute eartiquies Nr = 7.0, R = 80 km, dam loge 1.5-1   
   | Magmatic  
   | He  |  |                  |  |                | 0.00   | 0.00   | 0.00  
   | 0.00   | 0 0 0  |
| 4 0.00 2 Garpenberg  
   |   
   
   |  |  
   |   |   |   
  |  
  |  |   | ec.europa.eu/environment/waste/mining/pdf/mining_da<br>_seminar.pdf p 34  
   | **************************************  
   |   
   | ?   |  |                  |  |                | 0.00   | 0.00   | 0.00  
   | 0.00   | 0 0 0  |
| 1 Maitén, IV Region, Vallenar, Chile   
   | ? US  
   
   | Antiliana  |  
   | A   | EQ.   |   
  | 14/Oct/97  
  |  |   | Wilawicencio  
   | intraplate earthquake Me = 2.0, R = 120 km, dam slope 1.5:1   
   |   
   | Pb/Zn/Ag  |  |                  |  |                | 0.00   |  |   
   |  | 0 0 0  |
| 3 Laisfall(Boliden)  
   | Pb/Zn/Ag US   
   
   | morain   | 40 1   
   |   |   | 1996  
  |  
  |  | _   | ec.europa.europa.euronmentwastermning.pr<br>mining.dams.seminar.odf.p.34<br>pacheco   
   | If is a list of locours needsh incidents as of 2011 "Uncontrolled evalues at an internal dam due to earth works resulted in high<br>Space into the poord department."   
   |   
   | ?   |  |                  |  |                |  |  |   
   |  |  |
| 1         Caravell, Nazca, Peru           2         0.16         1         Amatista, Nazca, Peru   
   | ? US  
   
   |  | 1  
   | В   | _   | . 1996  
  | 12/Nov/96  
  | 300,000  |   | wsz   
   | mercury a cyanole contamination per recreto   
   | Vein  
   | r<br>Pb Zn  |  |                  |  |                | 0.16   | 0.00   |   
   | 0.16   | 0 0.158173372 0 0 0.087522599 0  |
| 2 0.09 1 El Porco, Bollvia (Comsur-62%, Rio Tinto-33%)   
   | Pb Zn   
   
   |  | 1  
   | A   | U   | Table 1 1996  
  | 29/Aug/96  
  | 166,000  |   | ICOLD, WISE   
   | 420,000 tonnes released, "200 km of Pitozmayo river contaminated" didn't include as data pending further decorption of the runout   
   | PCD   
   | Cu  | 372 0.55   | 0.11 0.63823029  | 1969 55  | Ру             | 0.84   | 0.67   |   
   | 1.51   | 1.510257983 0 0  |
| 1 1.51 4 Marcopper Mine,Tapian Pit Marinduque Island, Philippines (#2 of 2) (Placer Dome<br>and President Marcos)  
   | Cu  
   
   |  | 1  
   |   |   | 208 1996  
  |  
  | 1,600,000 26   |   | ICOLD, WISE, Piplinks   
   | high storage Davinage tunnel plag failed. 35 km of the Makulaquik and Boac river systems filled with tailings rendering them unuable (35 80 million in damage; no production after this event   
   |   
   | Pb Zn   |  |                  |  |                | 0.12   | 0.15   |   
   | 0.27   | 0 0.26983996 0   |
| 2 0.27 1 Sgurigrad, Bulgaria     3 2 Necros Orcidental Bulawan Mine Sinalay River Philingines (Philey Mining Corn)   
   | Pb Zn US  
   
   | T  | 45 1,520,000 1   
   |   |   | 220 1996  
  |  
  | 220,000 6  |   | KCOLD, Rico   
   | Pressure exerted by impounded tailings caused leak in decart lower of tailings pond 1 at the Bulawam gold mine. This was the 4th discharge in this area [1st was in 1992]; mine reactivated by Philes in  
   |   
   | Au  |  |                  | 1957   |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3 2 Negros Occidental, Bulawan Mine Sipatay River, Philippines (Philex Mining Corp)     3 0.00 2 Golden Cross, Waitekauri Valley, New Zealand (Coeur d'Alène Mines)  
   | Au  
   
   | R  |  
   |   |   | 207 1995  
  |  
  | - 100  |   | KOKD  
   | 1966 and decempisioned in 2002 after which tailings dried up causing a dust problem as fare as Sim from site Movement of dam  
   |   
   | Au  |  |                  |  |                | 0.00   | 0.00   | 0.00  
   | 0.00   | 0 0 5.3E-05<br>0 0 0   |
| 0.00 Surigao del Norte Placer, Philippines (Manila Mining Corp)  
   | AU WR   
   
   |  |  
   | 1   |   |   
  | xx/apr/95  
  |  |   | pebblescience.org/pdfs/Tailings_dam.pdf   
   |   
   | Placer  
   | Au  |  |                  |  |                | 0.00   | 0.00   | 0.86  
   | 0.88   | 0 0.883505086 0  |
| 2 0.88 1 Surigao del Norte Placer, Philippines (#2 of 3) (Manila Mining Corp) 2nd event  
   | Au WR   
   
   |  |  
   |   | FN  |   
  | 2/Sep/95   
  | 50,000   |   | KOLD, WISE  
   | 12 people killed, constat polation  
   | Vein  
   | Au  | 43   | 1.51 1.211161252 | 1993 8   | Ργ             | 2.21   | 2.05   | 0.00  
   | 4.27   | 4.265709255 0 0  |
| 1         4.27         1         Dmail Mine, Tailings dam No 1, 2, Guyana (Cambior)           3         0.00         1         Middle Arm, Launceston, Tasmania  
   | Au WR   
   
   |  | 44 5,250,000 1<br>4 25,000 1   
   | A   | _   | 205 1995<br>204 1995  
  | 19/Aug/95<br>25/Jun/95   
  | 4,200,000 80   |   | KCOLD, WISE, Rico   
   | Cambior Inc., Casada (65%), Golden Star Resources Inc., Colorado, USA (201) 80 km of Casequibo River declared environmental disaster zone.  
   |   
   | Au  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0.00264  |
| 3 0.00 1 Middle Arm, Launceston, Tasmania<br>3 0.02 1 Riter, Mathima, Tasmania   
   | Au CL<br>Au CL  
   
   |  | 4 25,000 1<br>7 120,000 2  
   |   |   | 204 1995<br>203 1995  
  |  
  | 5,000<br>40,000  |   | KOLD  
   |   
   |   
   | AU  | +  |                  |  |                | 0.02   | 0.00   |   
   | 0.02   | 0 0 0.02109  |
| 2 1 Tapo Canyon Northbridge California   
   |   
   
   |  |  
   | N   |   | 1994  
  | 17/an/94   
  | 135,000  |   | Harder&Stewart 1996   
   | lquelación following extriquale.  
   | Strat   
   | Р   |  |                  |  |                | 1.00   | 0.00   |   
   | 1.00   | 0 0.071178017 0<br>1.001764688 0 0   |
| 1 1.00 1 Hopewell Mine, Hillsborough County, Florida, USA  
   | Р   
   
   |  | 1  
   |   |   |   
  |  
  | 1,900,000  |   | wisz  
   | MAC-Agrico. Water from a clay setting pond spilled into nearby werlands and the AlaTa River, Reywile flooded.   
   | Strat   
   | Р   |  |                  |  |                | 3.59   | 0.00   |   
   | 3.59   | 3.585263092 0 0  |
| 1         3.59         1         Payne Creek Mine, Polk County, Florida, USA           3         0.04         1         Fort Meade Phosphate, Florida, USA   
   | P   
   
   |  | 1  
   | A   |   | · 1994  
  | 2/Oct/94<br>Oct/94   
  | 6,800,000  |   | WISE .  
   | MC-Agrice. Majority of spill contained on adjacent mining area; 500,000 m2 milesand http://doi.wp.tench., a tributary of Payne Creek. Carpli, Phosphoggsum process (7) water. Spill rota Pases River near Fort Mada.  
   | Strat   
   | P   | ├  |                  |  |                | 0.04   | 0.00   |   
   | 0.04   | 0 0 0.04007  |
| 3 0.00 1 IMC-Agrico Phosphate, Florida, USA  
   | P   
   
   |  |  
   | A   |   | - 1994  
  |  
  | 76,000   |   | WSE   
   | La ja rozpologijsko ja voren (r) jakan- djuli ka Preka nem nan Pala sessale. MC-Agrica Sokhele open in gloophoggnum tack.   
   | Strat   
   | AU  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3 0.00 2 Mineracao Serra Grande Tailings Dam. Augu Autous, State of Golas Brazil   
   | AU CL   
   
   |  | 27 1   
   |   |   |   
  | Feb/94   
  | 1,000 0  | 0   | ICOLD 942   
   | Sip from rise in phreatic surface caused by poorly constructed ineffectual drains no release operations halted for 3 weeks lost revenue   
   | WITS  
   | Au  |  |                  | 1950   | Ру             | 0.32   | 0.10   |   
   | 1.63   | 1.63319656 0 0   |
| 1 1.63 1 Merriespruit, near Virginia, South Africa (Harmony) - No 4A Tailings Complex  
   | Au US padd  
   
   | lock T   | 31 7,040,000 1   
   |   |   |   
  |  
  |  | 17  | Fourie 2001(29),ICOLD, WISE, Rico   
   | Chile review by Fourie & others now considered to be a possible Equentation. Cam will breach following heavy rain, tailings traveled 4 km downstream, 17 propie killed, extensive damage to residential township, No 4 132-stansed in SAPR and was only 200m from nameth houses   
   |   
   | Cu U  | 4800 1.4   | 0.6 3.321256127  | 1988 10  | Ру             | 2.64   | 0.00   | 0.00  
   | 2.64   | 2.636222862 0 0  |
| 1 2.64 2 Olympic Dam, Roxby Downs, South Australia,(BHP)   
   | CuU   
   
   |  | 3  
   |   |   |   
  |  
  | 5,000,000  | _   | 2016  
   | laslage from utilined tailings impoundment into groundwater. Up to 5 million m2 of contaminated water into the subsoil.   
   |   
   | Au  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3         0.00         3         Minera Sera Grande: Crixas, Golas, Brazil           3         0.04         1         Fort Meade, Florida, Cargli phosphate (#3 of 3)  
   | Au DS then  
   
   | US CST   | 41 2.25Mt 2  
   |   |   | . 1994  
  |  
  | 76,000   |   | WISE  
   |   
   |   
   | P   |  |                  |  |                | 0.04   | 0.00   |   
   | 0.04   | 0 0 0.04007<br>2.214285714 0 0   |
| 1 2.21 1 Longjiaoshan, Daye Iron Ore mine, Hubei   
   | Fe  
   
   |  | 1  
   | A   |   | - 1994  
  | Jan/94   
  |  | 31  | Wei   
   | failure of upstmam-type failings dam during M6.4 earthquake. Flow runout of about 400 meters, upil into river, cosplands contaminated.  
   |   
   | U   |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 4 0.00 1 Helmsdirf Uranium, Zwckau, Szeny , Germany, Wismut Urnaium<br>0.14 Marcopper, Marinduque Island, Mogpog Philippines(12/6) (#1 of 2) (Placer Dome-   
   | U US  
   
   |  | 59 m ponded water 2  
   |   |   | 1994  
  |  
  | - 0  | 0   | and a second  
   | dam at closed U mill feand unstable at nik of failure with high nik to of toxicity to nearby residents in event of failure. Dam re entrood but no not clear 2 years ater whether adequate.  
   |   
   | Cu  |  |                  |  |                | 0.00   | 0.00   | 0.14  
   | 0.14   | 0 0.142857143 0  |
| 2         0.34         1         Marcogny: Marindiaque Island, Mogong Philippines(12/6) (#1 of 2) (Placer Dome-<br>President Marcos)           3         1         Gloconton, Florida, USA (Cargli)  
   | P   
   
   |  | 1  
   | A   |   | · 1993  
  | 6/Dec/93<br>Oct/93   
  |  | 2   | Piplinks  
   | Sibisis (plaing) dam fakura Magaga Rew and Negoga Isaw Rooded. The dam was completed in 1992.   
   | Strat   
   | P<br>Cu   |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 0  |
| 3 0.00 1 TD 7, Chingola, Zambia  
   | Cu US   
   
   | T&E  |  
   | A   |   |   
  | Aug/93   
  | 42   |   | ICOLD   
   | An year and the star wat find the first first to the firs   
  | Vein  | Au Ag   | >50 2.5  | 6 7.312561265    | 1931 37  
   | Py             | 0.00   | 0.00   |  
    | 0.00   | 0 0 2.2E-05  |
| 2 2 Itogon-Suyoc, Baguio gold district, Luzon, Philippines (Benguet Corp)  
   | Au Ag   
   
   |  | 1  
   | A   | от  | 199 1993  
  | 26/Jun/93  
  |  |   | ICOLD, Piplinks   
   | Regon-Kayoc Mines. Overtopping at the dam of the itogon-Kayoc gold and silver mines occurred during a typhoon when the dam's penstock and diversion turnel were blocked. Sitation of the adjoining<br>fram. No production after this went.  
   | Wits  
   | Au  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 5.3E-05  |
| 3 0.00 1 Saaipiaas, South Africa, failure on south ring dyke (22Mar93)   
   | Au US   
   
   |  |  
   | A   |   |   
  | 22/Mar/93  
  | 100  |   | Bight, ICOLD  
   | Stape Rability in Surface Moling, W. A. Historial, M. Kim McZinnic, Dirk J. A. Van 2() 2001, Despite 42, Management and Operational Background is the Three Tailing Dam Failures in South Artics, G<br>Bally J. 2018. Three separate reveals within 6 days.<br>Damp Rability in Surface Moling, W. A. Maurik, M. Wim McZinne, Dirk J. A. Van 2(), Daspite 42, Management and Operational Background is the Three Tailing Dam Failures in South Artics, G<br>Damp Rability in Surface Moling, W. A. Maurik, M. Wim McZinne, Dirk J. A. Van 2(), Daspite 42, Management and Operational Background is the Three Tailing Dam Failures in South Artics, G   
   | Wits  
   | Au  |  |                  |  |                | 0.00   | 0.00   |   
   | 0.00   | 0 0 5.3E-05  |
| 3 0.00 1 Saaiplaas, South Africa, 2 failures on west ring dyke (18-19Mar93)  
   | Au US   
   
   | CST  | 28 1   
   | A   | SI  | Table 1 1993  
  | 18/Mar/93  
  | 100  |   | Blight, ICOLD   
   | and a status of a status residence of the status of the st  
   |   | Cu  |  |                  |   
  |                | 0.11   | 0.00   | 0.00  
     | 0.11   | 0 0.113884828 0<br>0 0.428571429 0   |
| 2 0.11 1 Ray Complex. Pinal County, Arizona, AB-BA Impoundment   
   | Cu US   
   
   |  |  
   | A   | OT  | - 1993  
  | 9/Jan/93   
  | 216.000  |   | EPA 1997  
   | Swollen out of its banks by the heavy rains, the Gila River breached the AB-BC tailings impoundment containment dike on the right of January 9, 1983. Continued flooding over the next several days   
   | Vein  
   |   |  |                  |  |                |  |  |   
   |  |  |
| 2         0.11         1         Ray Complex, Pinal County, Arizona, AB-BA Impoundment           2         0.43         1         Marsa, Peru (Marsa Mining Corp)  
   | Cu US<br>Au   
   
   |  |  
   | A   |   | · 1993<br>· 1993  
  | 9/Jan/93<br>1993   
  | 216,000  | 6   | EPA 1997  
   | Suche not of its tanks by the havey rains, the Gal New beaund the A44C talking impactations classioners data on the night of a loward 9, 1992. Control flooding over the not several days<br>matched its tart for layorark branches of the disk, from of which ended through the disk and into the tot of the stillage pile.<br>Dues failure from exettapping.  
   | Vein  
   | Au<br>Pb Zn   |  |                  |  |                | 0.00   | 0.00   |   
   |  |  |
|  
   |   
   
   |  | 46 1   
   | A   | от  | - 1993  
  |  
  | 216,000  | 6   | EPA 1997<br>WISE<br>ICOLD   
   |   
   | Vein<br>Strat   
   |   |  |                  |  |                |  |  | 0.00  
   | 0.00   | 0 0 0<br>0 0.263622286 0   |
| 2         0.43         1         Marsa, Peru (Marsa Mining Corp)           4         0.00         1         Rojkovac, Montenego           2         0.26         1         Marsa Jene (Marsa Mining Corp)  
   | Au<br>PbZn WR<br>Coal   
   
   |  | 46         1           1         1           3,500,000         2           15         52,000,000         1   
   | A<br>B<br>A   | OT<br>ER<br>ER  | · 1993<br>198 1992<br>218 1992  
  | 1993<br>Nov/92<br>1/Mar/92   
  | - 500,000  | 6   | KOKD<br>KOKD, WISE  
   | an blur fin antiging  
   | Vein<br>Strat<br>PCD  
   | Pb Zn<br>Coal<br>Cu   | 590 0.3  | 0.35 0.58073274  | 1958 200   | Py             | 0.00<br>0.00<br>0.26<br>17.00  | 0.00 0.00 0.00 0.00  | 0.00  
   | 0.00<br>0.26<br>17.00  | 0 0 0<br>0 0.263622286 0<br>16.99994675 0 0  |
| 2         0.48         1         Marza, Peru (Marza Mining Corp)           4         0.00         1         Koljovać, Montenego           2         0.52         1         Marza Anto, Bulgarać, Montenego           1         1.00         1         Kuljavać, Montenego           1         1.00         1         Ruba, Bulgarać, Montenego   
   | Au Pb Zn WR Coal Cu   
   
   | E Ash Compacted  | 46 1<br>1<br>3,500,000 2<br>15 52,000,000 1<br>Fly 1<br>1  
   | A<br>B<br>A   | OT<br>ER<br>ER<br>FN  | .         1993           198         1992           218         1992           197         1992   
  | 1993<br>Nov/92<br>1/Mar/92<br>2/Jan/92   
  |  | 6   | ICOLD   
   | an blur fin antiging  
   |   
   | Pb Zn<br>Coal<br>Cu<br>Al   |  |                  |  |                | 0.00<br>0.00<br>0.26<br>17.00<br>0.02  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00   | 0.00 0.00 0.00 0.00   
   | 0.00<br>0.26<br>17.00<br>0.02  | 0 0 0<br>0.263622286 0<br>16.99994675 0 0<br>0 0 0.02278   |
| 2         0.43         1         Marza, Peru (Marsa Moning Corp)           4         0.00         1         Rußward, Montenegro           2         0.62         1         Marta Natio, Bulgarata           1         17.00         1         Tubu, Bengeet, No.2 Tailings Pond, Lucion, Philippines: Padcal (PMarc)   
   | Au<br>PbZn WR<br>Coal   
   
   | E Ash Compacted Ash  | 46         1           I         1           I         3,500,00           15         52,000,00           I         1           FP         1  
   | A<br>B<br>A   | OT<br>ER<br>ER<br>FN<br>ST  | .         1993           198         1992           218         1992           197         1992           .         1991  
  | 1993<br>Nov/92<br>1/Mar/92<br>2/Jan/92   
  | -<br>500,000<br>32,243,000   | 6   | KCRD<br>KCRD, WISE<br>Palleks   
   | an hours to a subsequence of the subset of t  
   | PCD   | Pb Zn<br>Coal<br>Cu   | 590 0.3<br>170                                       |                  | 1958 200<br>1909 130  
  |                | 0.00<br>0.26<br>17.00<br>0.02<br>0.02  | 0.00 0.00 0.00 0.00  | 0.00 0.00 0.00 0.00 0.00 0.00   |
0.00<br>0.26<br>17.00  | 0         0         0           0         0.263622286         0           16.99994675         0         0           0         0         0.02278           0         0         0.03954  |
| 2         0.43         1         Marza, Peru (Marca Moning Corp)           4         0.00         1         Regionary, Montenegro           2         0.54         1         Marca Annu (Marca Moning Corp)           1         12.00         1         Marca Annu (Marca Moning Corp)           1         17.00         1         Tabu, Bengnet, Mol 2 Talings Pond, Lucin, Philippines - Padcal (Marca)           3         0.00         1         Alpa Anima Fraint, Konzitz, Insugny F1           3         0.00         1         North Shitta Moning Fraint, Grandia (Cominco, Inc)           3         0.00         1         North Shitta Moning Tabus, Grandia (Cominco, Inc)           3         0.00         1         Magma Moni Talings Dam 43  
   | Au PbZn WR<br>Coal Cu Al DS<br>PbZn US<br>Cu US   
   
   | E<br>Ash<br>Compacted<br>Ash   | 46         1           1         3.50,000         2           15         52,000,000         1           19         1         1           19         1         1           19         1         1           10         1         1           11         1         1           11         1         1  
   | A<br>B<br>A<br>A<br>A<br>A<br>A<br>A  | OT<br>ER<br>ER<br>FN<br>ST<br>SI<br>SI  | .         1993           198         1992           218         1992           197         1992           .         1991           196         1991           .         1991  
  | 1993<br>Nov/92<br>1/Mar/92<br>2/Jan/92<br>3/Nov/91<br>23/Aug/91<br>4/Jan/91  
  | 500,000<br>32,243,000<br>43,200<br>75,000<br>8,000   | 6   | EX20           EX20, WIG           Patrice           Rationals           Extension           EX20, WIG (15)           EX20, WIG (16)  
  | and how two analysing and the set of the set   
  | PCD   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Cu<br>Au  |  |                  |  
   |                | 0.00<br>0.00<br>0.26<br>17.00<br>0.02  | 0.00 0.00 0.00 0.00 0.00 0.00 0.00   | 0.00 0.00 0.00 0.00 0.00 0.00 0.00  | 0.00<br>0.26<br>17.00<br>0.02<br>0.04  
   | 0 0 0<br>0.263622286 0<br>16.99994675 0 0<br>0 0 0.02278   |
| 2         0.43         1         Marca, Peru (Marca Monie Corp)           4         0.00         1         Regionar, Montenego           2         0.24         5         Marca http://Linka.pdg/sta           1         12.00         1         Regionar, Montenego           3         0.00         1         Resolver, Montenego           3         0.00         1         Resolver, Montenego           3         0.00         1         Resolver, Subling Montenego           3         0.00         1         Mena Mune, Subling Montenego           3         0.00         1         Mena Mune, Subling Montenego           3         0.00         1         Breaver Gold Mitre Jefferson South Carolina   
   | Au PbZn WR<br>Coal Cu DS<br>PbZn US<br>PbZn US<br>Cu US<br>Au US  
   |
E<br>Ash<br>Compacted<br>Ash   | 46         1           1         1           3,560,000         2           15         52,000,000           17         1           18         1           19         21           10         1           11         1           12         1           1         1           1         1   
  | A<br>B<br>A<br>A<br>A<br>A<br>A<br>A<br>A   | OT           ER           ER           FN           ST           SI           U   | .         1993           198         1992           218         1992           197         1992           .         1991           196         1991           .         1991           .         1991           .         1991   
   | 1993<br>Nov/92<br>1/Mar/92<br>2/Jan/92<br>3/Nov/91<br>23/Aug/91<br>4/Jan/91<br>1/Nov/90   
   | 500,000<br>32,243,000<br>43,200<br>75,000<br>8,000<br>41,640   | 6   | CDD           CDD, WIE           Paleias           Raineir Report [13]           CDD, WIE, Mirkling Lapert Panel 2015, App 1           CPA 1077           Vers, 302  
  | an false fan enstaging and a set of the set  
  | PCD   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu  |  |                  |  
   |                | 0.00<br>0.02<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.02<br>0.02  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   | 0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.02<br>0.10  
   | 0         0         0           0         0.26382226         0           16.9994675         0         0           0         0         0.02278           0         0         0.03954           0         0         0.00422           0         0         0.00422           0         0         0.02278           0         0         0.00422           0         0         0.02195           0         0         0.2195   |
| 2         0.43         1         Marca, Peru (Marca Mining Corp)           4         0.00         1         Keljovac, Montenergo           2         0.24         1         Marca hrist, Not All singe Food, Lacon, Philippiers- Fadca (Miner)           1         27.00         1         Rule engret, No.1 Talling, Food, Lacon, Philippiers- Fadca (Miner)           3         0.00         1         Aga Alumita Plant, Kolontár, Hungury S1           4         0.00         1         Magma Miner Talling; Dam 83         Cominto, Inc)           3         0.00         1         Berge Miner Talling; Dam 83         Cominto, Inc)           4         3         0.00         1         Berge Miner Talling; Dam 83         Cominto, Inc)           4         2         0.03         1         Magma Miner Talling; Dam 83         Cominto, Inc)   
   | Au PbZn WR<br>Coal Cu Al DS<br>PbZn US<br>Cu US   
   
   | E<br>Ash<br>Compacted<br>Ash   | 46)         1           1         1           15         52,000,000           15         52,000,000           16         1           70         1           21         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1   
   | A<br>B<br>A<br>A<br>A<br>A<br>A<br>A<br>A   | OT           ER           ER           FN           ST           SI           U           U   | .         1993           198         1992           218         1992           197         1992           .         1991           196         1991           .         1991  
  | 1993           Nov/92           1/Mar/92           2/Jan/92           3/Nov/91           23/Aug/91           4/Jan/91           1/Nov/90           17/Oct/90   
  | 500,000<br>32,243,000<br>43,200<br>75,000<br>8,000   | 6   | CDD           CDD, WIE           Paleias           Raineir Report [13]           CDD, WIE, Mirkling Lapert Panel 2015, App 1           CPA 1077           Vers, 302   
   | and how two analysing and the set of the set  
   | PCD   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Cu<br>Au  |  |                  |   
  |                | 0.00<br>0.00<br>0.26<br>0.02<br>0.04<br>0.00<br>0.00<br>0.00<br>0.02<br>0.10   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   |
0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.10<br>0.26  | 0         0         0           0         0.263622266         0           16.9994675         0         0         0.2278           0         0         0.02954           0         0         0.02954           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0.020176469         0           0         0.263622266         0  |
| 2         0.43         1         Marca, Peru (Marca Mining Corp)           4         0.00         1         Keljovac, Montenergo           2         0.24         1         Marca hrist, Not All singe Food, Lacon, Philippiers- Fadca (Miner)           1         27.00         1         Rule engret, No.1 Talling, Food, Lacon, Philippiers- Fadca (Miner)           3         0.00         1         Aga Alumita Plant, Kolontár, Hungury S1           4         0.00         1         Magma Miner Talling; Dam 83         Cominto, Inc)           3         0.00         1         Berge Miner Talling; Dam 83         Cominto, Inc)           4         3         0.00         1         Berge Miner Talling; Dam 83         Cominto, Inc)           4         2         0.03         1         Magma Miner Talling; Dam 83         Cominto, Inc)   
   | Au PbZn WR<br>Coal Cu DS<br>PbZn US<br>PbZn US<br>Cu US<br>Au US  
   
   | E Ash Compacter Ash  | 46         1           1         1           1         1           1         52,000,000           15         52,000,000           10         1           11         1           12         1           13         1           14         1           15         1           16         1           17         1           18         1           19         1           10         1   
   | A<br>B<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A   | OT           ER           FN           ST           SI           U           U  | .         1993           198         1992           218         1992           197         1992           .         1991           .         1991           .         1991           .         1991           .         1990           .         1990   
  | 1993<br>Nov/92<br>1/Mat/92<br>2/Jan/92<br>3/Nov/91<br>23/Aug/91<br>4/Jan/91<br>1/Nov/90<br>17/Oct/90   
  | * 500,000<br>32,243,000<br>43,200<br>8,000<br>41,640<br>190,000  | 6   | CDD           CDD, WIE           Paleias           Raineir Report [13]           CDD, WIE, Mirkling Lapert Panel 2015, App 1           CPA 1077           Vers, 302   
   | an false fan enstaging and a set of the set   
   | PCD<br>VMS  | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Cu<br>Au<br>U   |  |                  |   
  |                | 0.00<br>0.02<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.02<br>0.02  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   |
0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.10<br>0.26<br>0.00  | 0         0         0           0         0.26382226         0           16.9994675         0         0           0         0         0.02278           0         0         0.03954           0         0         0.00422           0         0         0.00422           0         0         0.02278           0         0         0.00422           0         0         0.02195           0         0         0.2195   |
| 2         0.43         1         Marca, Peru (Marca Moning Corp)           4         0.00         1         Relivous, Montenegro           2         0.24         1         Marca https://bit.Notarenegro           1         2.20         1         Marca https://bit.Notarenegro           1         1.200         1         Tobus, Genegati Nota Tallings, Pond, Lazon, Philippines - Padcal (Philes)           3         0.02         2         Apla Alumina Flair, Kolontzir, Hungary 41           3         0.04         1         mem Pyles, Sullivan Mine, Otheraling, Bit.Clands (Cominco, Inc)           3         0.00         2         Magnar Mine Talling Dam Al         3           3         0.00         1         Brever Gold Mem efferiosa South Carolina           2         0.01         1         Brever Gold Mem efferiosa South Carolina           2         0.02         1         Brever Gold Mem efferiosa South Carolina           2         0.01         1         Matchewan Mines, Utima Lake, Ontario           2         0.02         1         Sold Head, Carolina, USA           4         0.00         1         Sold Head, Carolina, USA           3         0.00         1         Soleer King, Kalino, USA (12 see Incident 4100 13074)  
   | Au         WR           PbZn         WR           Coal            Cu            Cu         US           Cu         US           Au            U            Na         US           Age Pb         DS  
   
   | E Ash Compacter Ash  | 46)         1           1         3.506.000         2           13         52.000.000         1           V         1         1           21         1         1           21         1         1           1         1         1           1         1         1           1         1         1           1         1         1           1         1         1           1         1         1           1         1         1           2         1         1           3         2         2           9         37.000         2   
   | A           B           A           A           A           A           A           A           B           A           A           A           A           A           A           A           A           A           A   | 00<br>ER<br>ER<br>ST<br>SI<br>SI<br>U<br>U<br>U<br>EQ<br>OT   | .         1993           188         1992           218         1992           .         1992           .         1991           .         1991           .         1991           .         1990           .         1990           .         1990           .         1990           .         1990           .         1990           .         1990           .         1990           .         1990           .         1990           .         1989           108         1289  
  | 1993<br>Nov/82<br>1/Mar/92<br>2/1/m/92<br>1/Nov/93<br>22/neg/91<br>4/12n/91<br>1/Nov/90<br>17/Oct/90<br>17/Oct/90<br>5/Aug/89  
  | -<br>500,000<br>32,243,000<br>43,200<br>75,000<br>41,640<br>190,000<br>500,000<br>100  |   | CAD<br>CAD, MSC<br>CAD, MSC<br>Action Reserved<br>Action Reserved<br>CAD<br>CAD, MSC, MSC And Advanced Action<br>CAD, MSC, MSC And Advanced Action<br>CAD, MSC Action<br>CAD, CAD, CAD, CAD, CAD, CAD, CAD, CAD,<br>MSC ACTION, CAD, CAD, CAD, CAD, CAD, CAD,<br>CAD, CAD, CAD, CAD, CAD, CAD, CAD, CAD,  
   | an false fan enstaging and a set of the set   
   | PCD<br>VMS<br>Strat<br>Strat  | Pb Zn<br>Coal<br>Al<br>Pb Zn<br>Cu<br>Cu<br>U<br>U<br>Na<br>Ag Pb<br>Sand   |  |                  |   
  |                | 0.00<br>0.05<br>17.00<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.05<br>0.00<br>0.00<br>0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   |
0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.10<br>0.26<br>0.00<br>0.26<br>0.00<br>0.00<br>0.02  | 0         0         0           0         0.26362226         0           16.9994675         0         0         0.2278           0         0         0.02378           0         0         0.02378           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0.00176469         0           0         0.53627286         0           0         0         5.8605           0         0         5.8405           0         0         0.8265  |
| 2         0.43         1         Marca, Peru (Marca Moning Corp)           4         0.00         1         Regionary, Montenegro           2         0.25         1         Marca, Peru (Marca Moning Corp)           2         0.25         1         Marca, Peru (Marca Moning Corp)           1         1200         1         Regionary, Moningrow           1         1200         1         Rube, Regulary, Marca Tarling, South, Hongary 41           3         0.00         1         Rube, Regulary, Marca Tarling, South, Hongary 41           3         0.00         1         Magna Mone Tarling, Dam 43           4         0.00         1         Socia Laite, California, UA           4         0.00         1         Socia Laite, California, UA           5         Socia Laite, California, USA (22 see incident #109 1974)           5         Socia Laite, California, USA (22 see incident #109 1974)  
   | Au         WR           PbZn         WR           Coal            Cu            Al         DS           PbZn         US           Cu            U            U            Na         US   
   
                                 | E Adh Compacter Adh E E E E E E E E E E E E E E E E E E E  | 46         1           1         1           15         52,000,000         2           15         52,000,000         1           1         1         1           1         1         1           1         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           2         1         1           3         2         1           9         37,000         2           9         74,000         1  
   | A           B           A   | TO<br>83<br>83<br>83<br>72<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>10<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12  | .         1993           198         1992           218         1992           197         1992           196         1991           196         1991           -         1991           -         1991           -         1991           -         1991           -         1991           -         1991           -         1991           -         1991           -         1991           -         1990           111         1389  
  | 1993<br>Nov/92<br>1/Mar/92<br>2/Jan/92<br>2/Jan/92<br>2/Jan/92<br>2/Jan/92<br>4/Jan/91<br>1/Nov/90<br>17/Oct/99<br>5/Aug/89<br>1989  
  | 500,000<br>32,243,000<br>43,200<br>75,000<br>8,000<br>190,000<br>500,000<br>500,000<br>100<br>38,000<br>38,000<br>0  |   | ADJ           ADJ, NUE           Pares           Adda, NUE           Pares           Adda, NUE  
   | an false fan enstaging and a set of the set   | PCD<br>1445<br>Strat
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>U<br>U<br>U<br>Na<br>Ag Pb  |  |                  |   
  |                | 0.00<br>0.00<br>0.26<br>0.02<br>0.04<br>0.00<br>0.02<br>0.00<br>0.02<br>0.00<br>0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   | 0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.10<br>0.26<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   
  | 0         0         0           0         0.25852226         0           16.9994675         0         0           0         0         0.02276           0         0         0.03954           0         0         0.03954           0         0         0.02125           0         0         0.02155           0         0.256522266         0           0         0.53622266         0           0         0         0.53602226           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0.0225           0         0         0         0.02056   |
| 2         6.43         1         Marca, Peru (Marca Moing Corp)           4         0.00         1         Regionari, Montenegro           2         0.01         1         Marca Leve (Marca Moing Corp)           1         1020         1         Tables K. Montenegro           1         1200         1         Tabu, Respect, No.2 Tables Pond, Laster, Philippines, Padcal (Philes)           3         0.00         1         Respect, No.2 Tables Pond, Laster, Philippines, Padcal (Philes)           3         0.00         1         Respect, No.2 Tables Pond, Laster, Philippines, Padcal (Philes)           3         0.00         1         Respect, Marca Tables, Pond, Laster, Philippines, Padcal (Philes)           3         0.00         1         Marca Monie, Tables, Dans Marca, Tables, Dans, Dans, Dans, Dans Marca, Tables, Dans Marca, Tables, Dans Mar   
   | Au         W8           PbZn         W8           Coal            Cu            Al         DS           PbZn         US           Cu            U            Na         US           Age Pb         DS           Sand         US  
   | E Ash<br>Compacter<br>Ash<br>E E E E E  
  | 46         1           1         1           2         3,560,000         2           15         52,000,000         1           10         2         1           2         1         1           2         1         1           2         1         1           2         1         1           3         2         1           3         2         2           9         37,000         2           9         74,000         1           5         1         1  
   | A           B           A   | 0T<br>ER<br>ER<br>FN<br>ST<br>SI<br>SI<br>U<br>U<br>U<br>U<br>U<br>C<br>T<br>EQ<br>OT<br>SI<br>SE   | 1993           198         1992           218         1992           218         1992           217         1992           197         1991           10         1991           10         1991           1         1991           1         1990           111         1989           1131         1989           116         1989   
  | 1993<br>Nov/R2<br>1/Mur/92<br>2/Lar/92<br>1/Mur/91<br>2/Lar/92<br>1/Mur/91<br>1/Nov/91<br>1/Nov/90<br>17/Oct/99<br>5/Aug/89<br>1989<br>1989  
  | -<br>500,000<br>32,243,000<br>43,200<br>75,000<br>41,640<br>190,000<br>500,000<br>100  |   | CAD<br>CAD, MSC<br>CAD, MSC<br>Action Reserved<br>Action Reserved<br>CAD<br>CAD, MSC, MSC And Advanced Action<br>CAD, MSC, MSC And Advanced Action<br>CAD, MSC Action<br>CAD, CAD, CAD, CAD, CAD, CAD, CAD, CAD,<br>MSC ACTION, CAD, CAD, CAD, CAD, CAD, CAD,<br>CAD, CAD, CAD, CAD, CAD, CAD, CAD, CAD,  
   | an false fan enstaging and a set of the set   
   | PCD<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS   | Pb Zn<br>Coal<br>Al<br>Pb Zn<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay   |  |                  |   
  |                | 0.00<br>0.05<br>17.00<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.04<br>0.02<br>0.05<br>0.00<br>0.00<br>0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   | 0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.00<br>0.10<br>0.26<br>0.00<br>0.26<br>0.00<br>0.00<br>0.02   
  | 0         0         0           0         0.26362226         0           16.9994675         0         0         0.2278           0         0         0.02378           0         0         0.02378           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0.00176469         0           0         0.53627286         0           0         0         5.8605           0         0         5.8405           0         0         0.8265  |
| 2         0.40         1         Maria, Peru (Maria Moning Corp)           4         0.00         1         Regionary, Montenegro           2         0.62         1         Regionary, Montenegro           2         0.62         1         Regionary, Montenegro           1         17200         1         Tabu, Regnest, Most Tanings, Fond, Laoin, Philippines, Padca (Philes)           3         0.00         1         Regnest, Most Tanings, Fond, Laoin, Philippines, Padca (Philes)           3         0.00         1         Regnest, Most Talings, Donn d, Laoin, Philippines, Padca (Philes)           3         0.00         1         Regnest, Monte Talings, Donn d, Barra, Peru (Marca Staht, Evalina           3         0.00         1         Marca Monte Talings, Donn d, Barra, Monte Taling, Donn d, Monte Taling, Donn d, Barra, Monte Taling, Donn d, Barra, Monte Taling, Donn d, Barra, Monte Taling, Donn d, Monte Taling, Donn d, Barra, Monte Taling, Donn d, Monte Taling, Don d, Monte Talin   
   | Au         PPZn         WR           Coli         -         -           Al         DS         -           Al         DS         -           Al         MS         -         -           Al         DS         -         -           Al         DS         -         -           Al         DS         -         -           Au         -         -         -           Au         -         -         -           Al         -         -         -         -           Ag Pb         DS         -         -         -           Sand         US         -         -         -           Clay         WR         -         -         -           Mo         CL         Mo         CL         -   
   | E Adh<br>Compacter<br>Ach<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E  
  | 46)         1           1         1           1         3,500,000         2           15         52,000,000         1           1         1         1  
   | A           B           A   | 07<br>ER<br>ER<br>FN<br>ST<br>SI<br>SI<br>SI<br>U<br>U<br>U<br>EQ<br>OT<br>SI<br>SS<br>SE<br>FN   | 1093           128         1992           128         1992           137         1992           149         1992           157         1992           1         1992           1         1992           1         1991           1         1990           111         1989           114         1989           115         1989           116         1989           117         1989           118         1989           119         1989           110         1989           111         1989           112         1989           1132         1989           144         1989  
  | 1993<br>Nov/92<br>1/Aut/92<br>2/Jan/92<br>2/Jan/91<br>2/Jan/91<br>2/Jan/91<br>1/Nov/90<br>17/Oxt/90<br>17/Oxt/90<br>5/Aug/89<br>1989<br>1989<br>1989   
  | 32,243,000<br>43,200<br>43,200<br>41,400<br>41,440<br>500,000<br>500,000<br>38,000<br>38,000<br>0<br>38,000<br>0<br>38,000   |   | RAD   
   | an false fan enstaging and a set of the set   | PCD<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS                           
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone   | 170  |                  |   
  |                | 0.00<br>0.00<br>0.25<br>0.02<br>0.04<br>0.00<br>0.02<br>0.10<br>0.25<br>0.10<br>0.25<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   | 0.00<br>0.26<br>17.00<br>0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   
  | 0         0         0           0         0.25852226         0           16.9994675         0         0           0         0         0.02278           0         0         0.03954           0         0         0.02272           0         0         0.02195           0         0         0.02195           0         0.050176648         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0  |
| 2         0.48         1         Marca, Peru (Marca Moning Corp)           4         0.00         1         Relievant, Montenerge           5         0.00         1         Relievant, Montenerge           1         17200         1         Tabu, Renjent, No.2 Tailing, Pond, Laonr, Philippines. Padal (Miles)           3         0.00         1         Relavant, Montenerge         Casada           3         0.00         1         Relavant, Montenerge         Casada           3         0.00         1         Relavant Mine, Montenerge         Casada         Casada           3         0.00         1         March Mann, Miner, Montenerge         Casada         Casada         Casada         Casada           3         0.00         1         March Mann, Miner, Mining, Mina         Scanda         Casada   
   | Au           PP2.m         WR           Ccall         U           Cu         L           Al         DS           Pb2.m         US           Au         U           Au         U           Au         U           Au         U           Au         U           Sand         US           Ag PD         DS           Clay         UWR           P         CL           Länestone         US  
   | E Adh<br>Compacter<br>Ash<br>E E<br>E E<br>E E<br>E E<br>E E<br>E E<br>E E<br>E E<br>E E<br>E   
  | 46         1           1         1           2         3,560,000         2           15         5,2,000,000         1           2         1         1           2         1         1           2         1         1           2         1         1           2         1         1           3         1         1           3         2         2           9         37,000         2           9         74,000         1           5         1         2           16         27,000,000         2           17         3,300,000         1   
   | A           B           A   | 07<br>ER<br>ER<br>FN<br>ST<br>S1<br>S1<br>U<br>U<br>U<br>EQ<br>O7<br>S1<br>S2<br>FN<br>S2<br>CT   | 1993           198         1992           28         1992           28         1992           197         1992           196         1991           196         1991           196         1991           197         1990           1         1999           111         1989           102         1989           112         1989           114         1989           125         1989           134         1989           14         1989           154         1989  
  |
1993<br>New/92<br>1/New/92<br>2/Jac/92<br>2/Jac/92<br>2/Jac/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/New/93<br>1/  | 4,000<br>4,000<br>4,000<br>4,000<br>4,000<br>4,000<br>4,000<br>4,000   |   | ADA   
   | an false fan enstaging and a set of the set   
   | PCD VALS<br>VALS<br>VALS<br>VALS<br>VALS<br>VALS<br>VALS<br>VALS  | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Cu<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone<br>Mo   
   | 170  |                  |  |                | 0.00<br>0.05<br>0.25<br>0.02<br>0.04<br>0.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 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8.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 000<br>000<br>000<br>000<br>000<br>000<br>000<br>000<br>000<br>00   
   | 000<br>0.26<br>0.27<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02  | 0         0         0           0         0.253622266         0           15.99994075         0         0.2728           0         0         0.03954           0         0         0.02195           0         0         0.02195           0         0.000374668         0           0         0.353622266         0           0         0         0.22365           0         0         0.22365           0         0         0.22365           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20243           1.797642679         0         0   |
| 2         6-63         1         Marca, Pere Marca Moning Corp)           4         6.00         1         Relowari, Moninargio           2         0.02         1         Marca Status, E. Magara           1         1200         2         7.04         Marca Status, E. Magara           3         0.02         1         Adva Anima Fance, Konzita, Hingara Marca, Pere Marca Marca Marca, Pere Marca   
   | Au         PPZn         WR           Coli         -         -           Al         DS         -           Al         DS         -           Al         MS         -         -           Al         DS         -         -           Al         DS         -         -           Al         DS         -         -           Au         -         -         -           Au         -         -         -           Al         -         -         -         -           Ag Pb         DS         -         -         -           Sand         US         -         -         -           Clay         WR         -         -         -           Mo         CL         Mo         CL         -   
   | E Aah Compacter Ash E E E E E E E E E E E E E E E E E E E   
  | 46         1           -         1           3.356.000         2           13         52.000,000         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -   
   | A           B           A   | 07<br>ER<br>ER<br>ST<br>ST<br>SI<br>U<br>U<br>U<br>U<br>U<br>EQ<br>OT<br>SI<br>SE<br>FR<br>SE<br>SE<br>OT   | 1993           198         1992           28         1992           28         1992           197         1992           196         1991           196         1991           196         1991           197         1990           1         1999           111         1989           102         1989           112         1989           114         1989           125         1989           134         1989           14         1989           154         1989  
  | 1993<br>Ney72<br>2049/32<br>2049/32<br>2049/32<br>2049/32<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31   | 32,243,000<br>43,200<br>43,200<br>41,400<br>41,440<br>500,000<br>500,000<br>38,000<br>38,000<br>0<br>38,000<br>0<br>38,000   
   |   | RDB           RDB, NEG           Result           Res   
   | an false fan enstaging and a set of the set   | PCD<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS<br>VMS   
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone   | 170  |                  |  |                | 0.00<br>0.05<br>0.26<br>0.02<br>0.02<br>0.04<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02  
  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         1.43   | 0.00<br>0.26<br>0.26<br>0.02<br>0.04<br>0.00<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00   | 0         0         0           0         0.25852286         0           16.999457         0         0.2278           0         0         0.02278           0         0         0.03954           0         0         0.02278           0         0
        0.00227           0         0         0.02295           0         0         0.02295           0         0.258422286         0           0         0         0           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0226 <t< td=""></t<>                          |
| 2         2-54         1         Mara, Peru Marsa Moning Corp)           4         3.00         1         Relowark, Monthengio           2         0.55         1         Marta Status, Englight           1         1220         2         7.54         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           3         0.00         1         Ala Admins Frient, Goody, Eccusal (Contrice, Inc)           3         0.00         1         Marta Merice Status         Contraine           3         0.00         1         Marta Merice Status         Contraine           3         0.00         1         Marta Merice Status         Contraine           2         0.31         Marta Merice Status         Contraine         Contraine           2         0.32         Marta Merice Status         Contraine         Contraine           4         0.00         1         Status         Contraine         Contraine           3         0.00         1         Status         Status         Contraine         Contraine   
   | Au         PE2n         PWM           PE2n         V         V           Au         OS         V           Au         OS         V           Au         OS         V         V           Au         OS         V         V           Au         OS         Au         Au           Au         OS         Au         Au           Au         OS         Au         Au           Au         OS <td< td=""><td>E Aah Compacter Ash E E E E E E E E E E E E E E E E E E E</td><td>46)         1           1         1           1         1,500,000           15         52,000,000           15         52,000,000           1         1           1         1           1         1           21         1           21         1           21         1           1         1           2         1           3         1           3         2           9         37,000           9         37,000           1         1           1         1           1         1           1         2           9         37,000           1         1           1         1           1         1           12         3,000,000           12         3,000,000           140         1,000,000</td><td>A           B           A</td><td>07<br/>ER<br/>ER<br/>ST<br/>ST<br/>SI<br/>U<br/>U<br/>U<br/>U<br/>U<br/>EQ<br/>OT<br/>SI<br/>SE<br/>FR<br/>SE<br/>SE<br/>OT</td><td>1         1993           128         1992           128         1992           129         1992           129         1992           129         1992           120         1992           120         1992           120         1992           121         1209           124         1209           124         1209           124         1209           124         1209           124         1209           124         1209           144         1209           145         1209           146         1209           147         1209           148         1208           150         1208           151         1208</td><td>1993<br/>Ney72<br/>2049/32<br/>2049/32<br/>2049/32<br/>2049/32<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31<br/>2049/31</td><td>500,000<br/>41,200<br/>43,200<br/>41,200<br/>41,500<br/>41,540<br/>41,540<br/>41,540<br/>41,540<br/>41,540<br/>40,000<br/>40,000<br/>40,000</td><td></td><td>RAB           RAB, NEG           RAB, NEG</td><td>an false fan enstaging and a set of the set</td><td>PCD PCD PCD PCD PCD PCD PCD PCD PCD PCD</td><td>Pb Zn<br/>Coal<br/>Cu<br/>Al<br/>Cu<br/>Cu<br/>U<br/>U<br/>U<br/>Na<br/>Ag
Pb<br/>Sand<br/>Clay<br/>P<br/>Mo<br/>Limestone<br/>Mo<br/>Coal</td><td>170</td><td></td><td></td><td></td><td>0.00<br/>0.05<br/>0.25<br/>0.02<br/>0.04<br/>0.00<br/>0.02<br/>0.04<br/>0.00<br/>0.02<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00</td><td>8.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>000<br/>0.26<br/>0.27<br/>0.02<br/>0.02<br/>0.02<br/>0.02<br/>0.02<br/>0.02<br/>0.02</td><td>0         0         0           0         0.253622266         0           15.99994075         0         0.2728           0         0         0.03954           0         0         0.02195           0         0         0.02195           0         0.000374668         0           0         0.353622266         0           0         0         0.22365           0         0         0.22365           0         0         0.22365           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20243           1.797642679         0         0</td></td<> | E Aah Compacter Ash E E E E E E E E E E E E E E E E E E E  | 46)         1           1         1           1         1,500,000           15         52,000,000           15         52,000,000           1         1           1         1           1         1           21         1           21         1           21         1           1         1           2         1     
     3         1           3         2           9         37,000           9         37,000           1         1           1         1           1         1           1         2           9         37,000           1         1           1         1           1         1           12         3,000,000           12         3,000,000           140         1,000,000  
   | A           B           A   | 07<br>ER<br>ER<br>ST<br>ST<br>SI<br>U<br>U<br>U<br>U<br>U<br>EQ<br>OT<br>SI<br>SE<br>FR<br>SE<br>SE<br>OT   | 1         1993           128         1992           128         1992           129         1992           129         1992           129         1992           120         1992           120         1992           120         1992           121         1209           124         1209           124         1209           124         1209           124         1209           124         1209           124         1209           144         1209           145         1209           146         1209           147         1209           148         1208           150         1208           151         1208  
  | 1993<br>Ney72<br>2049/32<br>2049/32<br>2049/32<br>2049/32<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31<br>2049/31   | 500,000<br>41,200<br>43,200<br>41,200<br>41,500<br>41,540<br>41,540<br>41,540<br>41,540<br>41,540<br>40,000<br>40,000<br>40,000  
   |   | RAB           RAB, NEG  
   | an false fan enstaging and a set of the set   | PCD   
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Cu<br>Cu<br>U<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone<br>Mo<br>Coal   | 170  |                  |  |                |
0.00<br>0.05<br>0.25<br>0.02<br>0.04<br>0.00<br>0.02<br>0.04<br>0.00<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 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15.99994075         0         0.2728           0         0         0.03954           0         0         0.02195           0         0         0.02195           0         0.000374668         0           0         0.353622266         0           0         0         0.22365           0         0         0.22365           0         0         0.22365           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20236           0         0         0.20243           1.797642679         0         0   |
| 2         6-53         1         Mara, Peru Marsa Moning Corp)           4         6.80         1         Relowark, Monthengio           2         0.52         1         Marta Status, Englight           1         1220         2         1         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           3         0.60         1         Alpa Almina Frient, Endotty, Insigny H         Marta Alpana           3         0.60         1         Marta Mere, Status Marting, Britan Marta, Streething, E.Classit (Comine, Inc)           3         0.60         1         Marta Mere, Status Like, Ottaria           2         0.81         1         Marta Mere, Status Like, Ottaria           3         0.60         1         Marta Mere, Status Like, Ottaria           4         0.60         1         Status         Status           3         0.60         1         Status         Status         Status           4         0.60         1         Status         Status         Status         Status           3         0.60 <td>Au            P2:0            Call            Call            Call            Call            Call            Call            Call            Call            Call            Sand            Agendo            Sand            Agendo            Agendo            Sand            Agendo            Agendo</td> <td>E Ash Compacted Ash Compacted Set E E E E E E E E E E E E E E E E E E E</td> <td>46         1           1         1           1         3.050.00           13         52.050.00           13         52.050.00           13         52.050.00           13         52.050.00           13         52.050.00           14         1           1         1     &lt;</td> <td>A           B           A</td> <td>07<br/>ER<br/>FN<br/>ST<br/>SI<br/>U<br/>U<br/>U<br/>C<br/>C<br/>C<br/>T<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI<br/>SI</td> <td>1993           199           199           199           121           1992           197           1982           197           1982           197           1982           1993           199           110           1989           111           1989           112           1989           114           1989           115           1989           116           1989           117           1989           118           1299           120           1200           1210           1211           1212           1213           1214           1215           1216           1217           1218           1219           1210           1211           1212           1213           1214           1214</td> <td>1997         Nag20           Nag20         Shar22           22m/22         Shar22           22m/24         Shar22           22m/24         Shar22           42m/24         Shar22           52m/24         Shar22</td> <td>900,00<br/>12,243,000<br/>41,200<br/>41,200<br/>41,200<br/>500,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,000<br/>190,</td> <td></td> <td>RAB           RAB           RAB</td> <td>ambient         ambient           ambient         &lt;</td> <td>PCD PCD PCD PCD PCD PCD PCD PCD PCD PCD</td> <td>Pb Zn<br/>Coal<br/>Cu<br/>Al<br/>D Pb Zn<br/>Cu<br/>Au<br/>U<br/>U<br/>Na<br/>Ag Pb<br/>Sand<br/>Clay<br/>P<br/>Mo<br/>Limestone<br/>Mo<br/>Coal<br/>P<br/>Limestone<br/>Au</td> <td>170</td> <td></td> <td></td> <td></td>
<td>0.00<br/>0.00<br/>0.26<br/>1700<br/>0.02<br/>0.04<br/>0.00<br/>0.02<br/>0.02<br/>0.02<br/>0.02<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00</td> <td>0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.036         0.00           0.04         0.00           0.05         0.00           0.00         0.00           0.00         1.80           0.13         0.00           0.00         0.00</td> <td>0         0         0           0         0.25452226         0           16.999457         0         0.2278           0         0         0.2278           0         0         0.03954           0         0         0.02178           0         0         0.0022           0         0         0.02155           0         0.100176469         0           0         0         0.0226           0         0         0.02026           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00214           1.79764229         0         0           0         0         0.00013           0         0         0.00013           0         0         0</td>   | Au            P2:0            Call            Call            Call            Call            Call            Call            Call            Call            Call            Sand            Agendo            Sand            Agendo            Agendo            Sand            Agendo   
   
  | E Ash Compacted Ash Compacted Set E E E E E E E E E E E E E E E E E E E  | 46         1           1         1           1         3.050.00           13         52.050.00           13         52.050.00           13         52.050.00           13         52.050.00           13         52.050.00           14         1           1         1     <   
  | A           B           A   | 07<br>ER<br>FN<br>ST<br>SI<br>U<br>U<br>U<br>C<br>C<br>C<br>T<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI   | 1993           199           199           199           121           1992           197           1982           197           1982           197           1982           1993           199           110           1989           111           1989           112           1989           114           1989           115           1989           116           1989           117           1989           118           1299           120           1200           1210           1211           1212           1213           1214           1215           1216           1217           1218           1219           1210           1211           1212           1213           1214           1214   
   | 1997         Nag20           Nag20         Shar22           22m/22         Shar22           22m/24         Shar22           22m/24         Shar22           42m/24         Shar22           52m/24         Shar22   
   | 900,00<br>12,243,000<br>41,200<br>41,200<br>41,200<br>500,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,000<br>190,   |   | RAB  
  | ambient         ambient           ambient         <  
  | PCD   | Pb Zn<br>Coal<br>Cu<br>Al<br>D Pb Zn<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone<br>Mo<br>Coal<br>P<br>Limestone<br>Au   | 170  |                  |  
   |                | 0.00<br>0.00<br>0.26<br>1700<br>0.02<br>0.04<br>0.00<br>0.02<br>0.02<br>0.02<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00  
  | 0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.036         0.00           0.04         0.00           0.05         0.00           0.00         0.00           0.00         1.80           0.13         0.00           0.00         0.00   | 0         0         0           0         0.25452226         0           16.999457         0         0.2278           0         0         0.2278           0         0         0.03954           0         0         0.02178           0         0         0.0022           0         0         0.02155           0         0.100176469         0           0         0         0.0226           0         0         0.02026           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00216           0         0         0.00214           1.79764229         0         0           0         0         0.00013           0         0         0.00013           0         0         0  |
| 2         6.43         1         Mara, Peru (Marsa Moing Corp)           4         0.00         1         Relowar, Montenego           2         0.05         1         Relowar, Montenego           1         1200         1         Tabus, Engana           1         1200         1         Tabu, Rengest, Most Engana           1         1200         1         Tabu, Rengest, Most Tabus, Pentago Mara, Pen  
   | Au         Parameter           Parameter         Cont           Cout         Cout           Cout         Cout           Au         DS           Au         Cout   
   | E Ash Compacted Ash Compacted Set E E E E E E E E E E E E E E E E E E E   
  | 46)         1           1         1           15         52,050,000           15         52,050,000           15         52,050,000           16         1           1         1           21         1           21         1           1         1 <tr td=""></tr>   
   | A           B           A   | 07<br>ER<br>FN<br>ST<br>SS<br>SS<br>U<br>U<br>U<br>U<br>U<br>U<br>U<br>EQ<br>67<br>SS<br>SS<br>FN<br>SS<br>ST<br>FN<br>U<br>U<br>U  | 1         1993           128         1992           129         1992           129         1992           129         1992           129         1992           129         1992           129         1992           120         1990           11         1989           114         1989           115         1989           116         1989           117         1989           118         1989           124         1989           135         1988           14         1988           15         1988           16         1988           124         1988           125         1988           126         1988           127         1988           128         1988           124         1988           125         1988           126         1988           128         1988           124         1988           125         1988           126         1988           1284         1988   
  | 1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug21         Sug20  |
000,00<br>12,24,800<br>41,20<br>41,20<br>50,000<br>50,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,00 |   | BAB   
   | amplication         Second  | PCD   
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Au<br>U<br>Na<br>Ag Pb<br>Ca<br>Sand<br>Clay<br>Clay<br>Clay<br>Clay<br>Clay<br>Coal<br>Coal<br>Coal<br>P<br>Limestone<br>Au<br>Coal<br>Coal<br>Cu<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Au<br>Cu<br>Cu<br>Cu<br>Au<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu  | 170  |                  |   
                            |                | 0.00<br>0.00<br>0.26<br>17,00<br>0.02<br>0.04<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.000<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   | 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0         0         0           0
        0.25862226         0           16.9994675         0         0           0         0         0.02276           0         0         0.03954           0         0         0.02275           0         0         0.02175           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.0226           0         0         0.00016           0         0         0.00016           0         0         0.00014           1.97954229         0         0           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013                            |
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| 2         6-53         1         Mara, Peru Marsa Moning Corp)           4         6.80         1         Relowark, Monthengio           2         0.52         1         Marta Status, Englight           1         1220         2         1         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           1         1220         1         Marta Status, Englight         Marta Status, Englight           3         0.60         1         Alpa Almina Frient, Endotty, Insigny H         Marta Alpana           3         0.60         1         Marta Mere, Status Marting, Britan Marta, Streething, E.Classit (Comine, Inc)           3         0.60         1         Marta Mere, Status Like, Ottaria           2         0.81         1         Marta Mere, Status Like, Ottaria           3         0.60         1         Marta Mere, Status Like, Ottaria           4         0.60         1         Status         Status           3         0.60         1         Status         Status         Status           4         0.60         1         Status         Status         Status         Status           3         0.60 <td>Au            P2:0            Call            Call            Call            Call            Call            Call            Call            Call            Call            Sand            Agendo            Sand            Agendo            Agendo            Sand            Agendo            Agendo</td> <td>E Ash Compacted Ash Compacted Set E E E E E E E E E E E E E E E E E E E</td> <td>46         1           1         1           3.00,000         21           13         \$2,00,000         1           14         1         1           15         \$2,00,000         1           16         21         1           17         1         1           10         21         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1</td> <td>A           B           A</td> <td>01<br/>ER<br/>FN<br/>ST<br/>ST<br/>S<br/>S<br/>S<br/>S<br/>U<br/>U<br/>U<br/>U<br/>U<br/>C<br/>C<br/>T<br/>FN<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S<br/>S</td> <td>1         1993           198         1992           128         1992           137         1992           136         1992           137         1992           136         1992           137         1992           138         1991           14         1999           110         1989           124         1989           125         1989           14         1989           15         1989           16         1989           15         1989           16         1989           15         1988           16         1988           126         1988           126         1988           126         1988           128         1988           1284         1988           1284         1988           1284         1988           1284         1988           1284         1988</td> <td>1993         Nugh2           Shang22         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           3/300         Shang24           3/300         Shang24           5/302         Shang24           3/302         Shang24           3/303         Shang24           3/304         Shang24</td> <td>000,00<br/>12,24,800<br/>41,20<br/>41,20<br/>50,000<br/>50,000<br/>19,000<br/>19,000<br/>19,000<br/>19,000<br/>19,000<br/>19,000<br/>19,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,000<br/>10,00</td> <td></td> <td>RAB           RAB           RAB</td> <td>ambient         ambient           ambient         &lt;</td> <td>PCD PCD PCD PCD PCD PCD PCD PCD PCD PCD</td> <td>Pb Zn<br/>Coal<br/>Cu<br/>Al<br/>D Pb Zn<br/>Cu<br/>Au<br/>U<br/>U<br/>Na<br/>Ag Pb<br/>Sand<br/>Clay<br/>P<br/>Mo<br/>Limestone<br/>Mo<br/>Coal<br/>P<br/>Limestone<br/>Au</td> <td>170</td> <td></td> <td></td> <td></td> <td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.10           0.26           0.01           0.02           0.03           0.04           0.05</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00</td> <td>0.00<br/>0.26<br/>0.27<br/>0.02<br/>0.02<br/>0.00<br/>0.02<br/>0.00<br/>0.02<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>1.80<br/>0.00<br/>1.80<br/>0.00<br/>1.80<br/>0.00<br/>0.0</td> <td>0         0         0           0         0.253622265         0           15.99994075         0         0.2728           0         0         0.02374           0         0         0.02374           0         0         0.02375           0         0         0.02278           0         0         0.02275           0         0         0.02235           0         0.000374646         0           0         0         0.00037665           0         0         0.00056           0         0         0.00056           0         0         0.00043           1.797642529         0         0           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0</td>   
   | Au            P2:0            Call            Call            Call            Call            Call            Call            Call            Call            Call            Sand            Agendo            Sand            Agendo            Agendo            Sand            Agendo  
   | E Ash Compacted Ash Compacted Set E E E E E E E E E E E E E E E E E E E   
          | 46         1           1         1           3.00,000         21           13         \$2,00,000         1           14         1         1           15         \$2,00,000         1           16         21         1           17         1         1           10         21         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1         1         1         1           1         1   
   | A           B           A   | 01<br>ER<br>FN<br>ST<br>ST<br>S<br>S<br>S<br>S<br>U<br>U<br>U<br>U<br>U<br>C<br>C<br>T<br>FN<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S  | 1         1993           198         1992           128         1992           137         1992           136         1992           137         1992           136         1992           137         1992           138         1991           14         1999           110         1989           124         1989           125         1989           14         1989           15         1989           16         1989           15         1989           16         1989           15         1988           16         1988           126         1988           126         1988           126         1988           128         1988           1284         1988           1284         1988           1284         1988           1284         1988           1284         1988   
  | 1993         Nugh2           Shang22         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           3/300         Shang24           3/300         Shang24           5/302         Shang24           3/302         Shang24           3/303         Shang24           3/304         Shang24  |
000,00<br>12,24,800<br>41,20<br>41,20<br>50,000<br>50,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>19,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,000<br>10,00 |   | RAB   
   | ambient         ambient           ambient         <   
   | PCD   | Pb Zn<br>Coal<br>Cu<br>Al<br>D Pb Zn<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Clay<br>P<br>Mo<br>Limestone<br>Mo<br>Coal<br>P<br>Limestone<br>Au   | 170  |                  |   
  |                | 0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.10           0.26           0.01           0.02           0.03           0.04           0.05  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00   | 0.00<br>0.26<br>0.27<br>0.02<br>0.02<br>0.00<br>0.02<br>0.00<br>0.02<br>0.00<br>0.00<br>0.00<br>0.00<br>1.80<br>0.00<br>1.80<br>0.00<br>1.80<br>0.00<br>0.0   
  | 0         0         0           0         0.253622265         0           15.99994075         0         0.2728           0         0         0.02374           0         0         0.02374           0         0         0.02375           0         0         0.02278           0         0         0.02275           0         0         0.02235           0         0.000374646         0           0         0         0.00037665           0         0         0.00056           0         0         0.00056           0         0         0.00043           1.797642529         0         0           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0   |
| 2         0.40         1         Marza, Paru (Marca Moning Corp)           4         0.00         1         Regionary, Montenegro           2         0.02         1         Marca, Paru (Marca Moning Corp)           1         1720         1         Robinsky, Montenegro           1         1720         1         Robinsky, Montenegro           3         0.00         1         Alpa Almana Futz, Kazantz, Insegny F1           3         0.00         1         Alpa Almana Futz, Kazantz, Insegny F1           3         0.00         1         Maga Almana Futz, Kazantz, Insegny F1           3         0.00         1         Maga Almana Futz, Kazantz, Insegny F1           3         0.00         1         Maga Almana Futz, Kazantz, Insegny F1           3         0.00         1         Maga Almana Futz, Kazantz, Insegny F1           2         0.00         1         Marca Mone, Striben South Carolina           2         0.00         1         Security Marca, USA           4         0.00         1         Security Marca, USA           4         0.00         1         Security Marca, USA           4         0.00         1         Security Marca, USA           3         <   
   | Au         Press         Press           All         A         Press         A           AL         SS         SS         A           AL         CS         SS         A           AL         SS         SS         A           AL         SS         SS         A           AL         SS         SS         A           AL         SS         SS         SS           AL         SS         SS  
   | E Adh Compacter Adh Compacter Adh Compacter Co  
  | 46)         1           1         3,590,000         2           15         52,050,000         1           15         52,050,000         1           1         15         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           22         1         1           31         2         2           32         3         2           33         2         2           34         2         2           35         2         1           34         27,000,000         1           40         1,000,000         1           414         27,000,000         1           42         1,000,000         1           43         1,000,000         1           44         1,000,000         1           45         1,000,000   
   | A           B           A   | 07<br>ER<br>ER<br>57<br>57<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>67<br>67<br>67<br>67<br>67<br>67<br>67<br>70<br>71<br>61<br>71<br>61<br>71<br>61<br>71<br>61<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71<br>71  | 1293           1292           1292           1292           1297           1292           1297           1297           1292           1297           1292           1297           1293           1293           1294           1295           1296           110           12989           111           12989           112           12989           144           12989           143           12989           144           12989           143           12983           144           12984           1295           1298           1204           12988           1204           12984           12985           12984           12985           12985           12986           12987  
  | 1993         Nugh2           Shang22         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang22           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           2/2m/32         Shang24           3/300         Shang24           3/300         Shang24           5/302         Shang24           3/302         Shang24           3/303         Shang24           3/304         Shang24  |
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|   | ADA           ADA           ADA           ADA           ADA           Appas           Appas </td <td>and is non-stranging         Sector           in this non-stranging         Sector     &lt;</td> <td>PCD           VMS           VMS</td> <td>Pb Zn<br/>Coal<br/>Cu<br/>Al<br/>Pb Zn<br/>Cu<br/>Cu<br/>Au<br/>U<br/>U<br/>Na<br/>Ag Pb<br/>Sand<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca<br/>Ca</td> <td>170</td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00<br/>0.00<br/>0.26<br/>17,00<br/>0.02<br/>0.04<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.000<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00</td> <td>0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>0         0         0           0         0.253622265         0           15.99994075         0         0.2728           0         0         0.02374           0         0         0.02374           0         0         0.02375           0         0         0.02278           0         0         0.02275           0         0         0.02235           0         0.000374646         0           0         0         0.00037665           0         0         0.00056           0         0         0.00056           0         0         0.00043           1.797642529         0         0           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0</td>  
  | and is non-stranging         Sector           in this non-stranging         Sector     <   | PCD           VMS   
   | Pb Zn<br>Coal<br>Cu<br>Al<br>Pb Zn<br>Cu<br>Cu<br>Au<br>U<br>U<br>Na<br>Ag Pb<br>Sand<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca   | 170  | 5.693221381<br>  | 1999 130   |                |
0.00<br>0.00<br>0.26<br>17,00<br>0.02<br>0.04<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.000<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             | 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0         0         0           0         0.253622265         0          
15.99994075         0         0.2728           0         0         0.02374           0         0         0.02374           0         0         0.02375           0         0         0.02278           0         0         0.02275           0         0         0.02235           0         0.000374646         0           0         0         0.00037665           0         0         0.00056           0         0         0.00056           0         0         0.00043           1.797642529         0         0           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0   |
| 2         6.43         1         Marza, Paru (Marca Moning Corp)           4         0.00         1         Regionari, Monttenegro           2         0.02         1         Marca, Paru (Marca Moning Corp)           1         172.00         1         Regionari, Monttenegro           1         172.00         1         Robus, Bengnet, Mo.2 Tailing, Pand, Laon, Philippines: Padral (Miker)           3         0.00         1         Agla Anima Funt, Kostatti, Insigny Y1         Agla Anima Funt, Kostatti, Insigny Y1           3         0.00         1         Agla Anima Funt, Kostatti, Insigny Y1         Casada (Comino, Inc)           3         0.00         1         Maga Monin Tailings Dum 3         Casada (Comino, Inc)           3         0.00         1         Marce Moles Miner, Marina Statt, Kostatti, Insigny Y1         Marce Moles Miner, Marina Statti, Kostatti, Insigny Y1           4         0.00         1         Brewer Gold Mine Affrance Stath Carolina           2         0.02         1         Brewer Gold Mine Affrance Stath Carolina           4         0.00         1         Statkta, Califonas, USA           4         0.00         1         Stathern Carol, USA           4         0.00         1         Stathern Caro, USA  
   | All         Prize           Prize         Prize           All         SS           All         SS </td <td>E Aah</td> <td></td> <td>A           B           A           A           A           A           B           A</td> <td>01<br/>ER<br/>FN<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>OT<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ER<br/>FN<br/>OT<br/>OT<br/>OT<br/>OT<br/>OT<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST</td> <td>1           128           1292           128           1292           129</td> <td>1993         Nop22           Sharp22         Sharp23           25/arp23         Sharp24           25/arp24         Sharp24           25/arp24         Sharp24           35/arp24         Sharp24</td> <td>41,000<br/>41,200<br/>41,200<br/>41,200<br/>41,640<br/>41,640<br/>41,640<br/>41,640<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600<br/>41,600</td> <td></td> <td>ADA           ADA           ADA           ADA           Appa           Appa     <td>and constraining         Second S</td><td>PC3           VADS           VADS     &lt;</td><td>P92A<br/>Cal<br/>Cu<br/>Cu<br/>Al<br/>P92A<br/>Cu<br/>Cu<br/>Cu<br/>U<br/>U<br/>V<br/>Sand<br/>Cal<br/>Cal<br/>Cu<br/>Linestone<br/>Au<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>F<br/>P<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td><td>170</td><td></td><td>1999 130</td><td></td><td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09          
0.00           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>8.00         0.00           0.00         0.00</td><td>0.00           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td><td>0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td>  | E Aah  |   
   
  | A           B           A           A           A           A           B           A   | 01<br>ER<br>FN<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>OT<br>ST<br>ST<br>ST<br>ST<br>ST<br>ER<br>FN<br>OT<br>OT<br>OT<br>OT<br>OT<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST  | 1           128           1292           128           1292           129  
   | 1993         Nop22           Sharp22         Sharp23           25/arp23         Sharp24           25/arp24         Sharp24           25/arp24         Sharp24           35/arp24         Sharp24   | 41,000<br>41,200<br>41,200<br>41,200<br>41,640<br>41,640<br>41,640<br>41,640<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600<br>41,600 |   | ADA           ADA           ADA           ADA           Appa           Appa <td>and constraining         Second S</td> <td>PC3           VADS           VADS     &lt;</td> <td>P92A<br/>Cal<br/>Cu<br/>Cu<br/>Al<br/>P92A<br/>Cu<br/>Cu<br/>Cu<br/>U<br/>U<br/>V<br/>Sand<br/>Cal<br/>Cal<br/>Cu<br/>Linestone<br/>Au<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>F<br/>P<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td> <td>170</td> <td></td> <td>1999 130</td> <td></td> <td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>8.00         0.00           0.00         0.00 
         0.00         0.00           0.00         0.00</td> <td>0.00           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td> <td>0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td>  | and constraining         Second S   
  | PC3           VADS           VADS     <  | P92A<br>Cal<br>Cu<br>Cu<br>Al<br>P92A<br>Cu<br>Cu<br>Cu<br>U<br>U<br>V<br>Sand<br>Cal<br>Cal<br>Cu<br>Linestone<br>Au<br>Cal<br>Cal<br>Cal<br>Cal<br>F<br>P<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu   | 170  |                  | 1999 130  
  |                | 0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 8.00         0.00           0.00         0.00   
   | 0.00           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00  | 0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0  |
| 2         6.63         1         Mara, Peru Marsa Moning Corp)           4         0.00         1         Relowark, Monitenegro           2         0.54         1         Marta, Statu, E. Magarta           1         1200         1         Taky, Kengust, Monitenegro           3         0.00         1         Adva Alumina Taint, Kolotich Height, Statu J, Statu JJ,   
  | Au           P2:26         Coll           Call         -           Na         -           Scall         -           Scall         -           Scall         -           Call         -           Scall         -   
   | E Auh   
  | 46         1           -         -         1           -         3.050.00         2           13         52.050.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -           -         -         -   
   | A         B           B         A           A         A | 01<br>ER<br>FR<br>57<br>57<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51  | 1         1993           1292         1992           1291         1992           1291         1992           1291         1992           -         1991           -         1991           -         1990           -         1990           -         1990           110         1989           111         1989           112         1989           114         1989           115         1989           116         1989           117         1988           1281         1989           140         1989           141         1989           142         1989           143         1988           144         1988           194         1988           194         1987           194         1987  
  | 1993         Nu(2)2           Nu(2)2         Linkay22           2.23x932         Linkay22           2.23x932         Linkay22           2.23x932         Linkay24           4.25x9423         Linkay24           4.25x9423         Linkay24           4.25x9423         Linkay24           4.25x9423         Linkay24           5.25x9429         Linkay24   | 50000     52,243,000     43,200     75,000     50,000     14,840     50,000     100     38,000     100     38,000     100     38,000     250,000     250,000     256     4,000     256,000     4,000    
4,000       |   | ADA           ADA           ADA           ADA           ADA           Apple           Apple </td <td>and is non-stranging         Sector           in this non-stranging         Sector     &lt;</td> <td>PCD           VMS           VMS</td> <td>P92h<br/>Call<br/>Cal<br/>P22h<br/>Cal<br/>P22h<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>Cal</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00<br/>0.00<br/>0.26<br/>0.02<br/>0.02<br/>0.02<br/>0.02<br/>0.02</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00         0.16           0.26        </td> <td>0         0         0           0         0.258/02226         0           16.99984575         0         0           0         0         0.0225           0         0         0.0225           0         0         0.0225           0         0         0.0225           0         0         0.0215           0         0.00176469         0           0         0.26852266         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0      &lt;</td>  | and is non-stranging         Sector           in this non-stranging         Sector     <  
  | PCD           VMS  
  | P92h<br>Call<br>Cal<br>P22h<br>Cal<br>P22h<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal<br>Cal  |  | 5.693221381<br>  | 1999 130   |                | 0.00<br>0.00<br>0.26<br>0.02<br>0.02<br>0.02<br>0.02<br>0.02   
   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             | 0.00         0.16           0.26   | 0         0         0           0         0.258/02226         0           16.99984575         0         0           0         0         0.0225           0         0         0.0225           0         0         0.0225           0         0         0.0225           0         0         0.0215           0         0.00176469         0           0         0.26852266         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0      <  |
| 2         6.63         1         Mara, Pere (Maras Meing Corp)           4         0.00         1         Relowark, Montenego           2         0.05         1         Relowark, Montenego           1         1200         1         Telever, Montenego           1         1200         1         Telever, Status, E. Magran           1         1200         1         Telever, Status, Mara, Merey, Rockard, Hungary HI           3         0.00         1         Adva Annum Func, Kotolatt, Hungary HI           3         0.00         1         Rever Eodd Mee, Hitman Mee, Telever, E. Calada (Cominto, Inc)           3         0.00         1         Marchewan Mee, Telever, E. Calada (Cominto, Inc)           4         0.00         1         Marchewan Mee, Telever, E. Calada (Cominto, Inc)           2         0.01         Marchewan Mee, Telever, E. Calada (Cominto, Inc)           3         0.00         1         Marchewan Mee, Telever, E. Calada (Cominto, Inc)           4         0.00         1         Bereer Eodd Mee, Hitman South Calada           4         0.00         1         Bereer Eodd Mee, Hitman South Calada           4         0.00         1         Bereer Eodd Mee, Hitman South Calada           4         0.00   
   | All         Prize         Prize           Right         N         N           All         SS         SS           All         S   
  | E Auh  
   | 44)         1           1         3.50,000         2           15         52.00,000         1           15         52.00,000         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           30         1         1           31         1         1           32         9         37,000         2           39         97,000         1         1           40         72,000,000         1         1           316         72,000,000         1         1           42         3,00,000         1         1           430         1,000,000         2         1           451         1,000,000         1         1           42         1,000,000         1         1           533         53,200,000         1         1           431         3,30,0000         1         1           533         53,200,000         1 <td>A         B           B         A           A         A</td> <td>OT<br/>ER<br/>ER<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>T<br/>ST<br/>ST<br/>ER<br/>ST<br/>ER<br/>ST<br/>ER<br/>ST<br/>ER<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST</td> <td>1         1931           128         2922           129         2927           129         2927           129         2929           129         2929           129         2929           129         2929           121         2939           121         2939           124         2939           125         2939           126         2939           127         2939           128         2939           129         2939           140         2938           151         2938           152         2938           152         2938           153         2938           154         2938           152         2938           154         2938           155         2937           154         2937           154         2937           154         2937           154         2937           154         2937</td> <td>1993         Nop22           Sharp22         Sharp23           25/arp23         Sharp24           25/arp24         Sharp24           25/arp24         Sharp24           35/arp24         Sharp24</td> <td>50000     52,243,000     43,200     75,000     50,000     14,840     50,000     100     38,000     100     38,000     100     38,000     250,000     250,000     256     4,000     256,000     4,000</td> <td></td> <td>ADA           ADA           ADA           ADA           Appa           Appa     <td>and constraining         Second S</td><td>PC3           VADS           VADS     &lt;</td><td>P92A<br/>Cal<br/>Cu<br/>Cu<br/>Al<br/>P92A<br/>Cu<br/>Cu<br/>Cu<br/>U<br/>U<br/>V<br/>Sand<br/>Cal<br/>Cal<br/>Cu<br/>Linestone<br/>Au<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>F<br/>P<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td><td></td><td>5.693221381<br/></td><td>1999 130</td><td></td><td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td><td>0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0 
       0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td>  | A         B           B         A           A         A | OT<br>ER<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>T<br>ST<br>ST<br>ER<br>ST<br>ER<br>ST<br>ER<br>ST<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST   | 1         1931           128         2922           129         2927           129         2927           129         2929           129         2929           129         2929           129         2929           121         2939           121         2939           124         2939           125         2939           126         2939           127         2939           128         2939           129         2939           140         2938           151         2938           152         2938           152         2938           153         2938           154         2938           152         2938           154         2938           155         2937           154         2937           154         2937           154         2937           154         2937           154         2937   
  | 1993         Nop22           Sharp22         Sharp23           25/arp23         Sharp24           25/arp24         Sharp24           25/arp24         Sharp24           35/arp24         Sharp24   | 50000     52,243,000     43,200     75,000     50,000     14,840     50,000     100     38,000     100     38,000     100     38,000     250,000     250,000     256     4,000     256,000     4,000   |   | ADA           ADA           ADA           ADA           Appa           Appa <td>and constraining         Second S</td> <td>PC3           VADS           VADS     &lt;</td> <td>P92A<br/>Cal<br/>Cu<br/>Cu<br/>Al<br/>P92A<br/>Cu<br/>Cu<br/>Cu<br/>U<br/>U<br/>V<br/>Sand<br/>Cal<br/>Cal<br/>Cu<br/>Linestone<br/>Au<br/>Cal<br/>Cal<br/>Cal<br/>Cal<br/>F<br/>P<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00           0.26
          0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td> <td>0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td>   | and constraining         Second S  
   | PC3           VADS           VADS     <  | P92A<br>Cal<br>Cu<br>Cu<br>Al<br>P92A<br>Cu<br>Cu<br>Cu<br>U<br>U<br>V<br>Sand<br>Cal<br>Cal<br>Cu<br>Linestone<br>Au<br>Cal<br>Cal<br>Cal<br>Cal<br>F<br>P<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu   |  | 5.693221381<br>  | 1999 130   
   |                | 0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00            
  | 0.00           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00  | 0         0         0           0         0.253622266         0           16.99994075         0         0.2728           0         0         0.02354           0         0         0.02354           0         0         0.02355           0         0         0.02126           0         0         0.021355           0         0.001376668         0           0         0         0.001356           0         0         0           0         0         0.00156           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0           0         0         0.0013           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0  |
| 2         6.63         1         Mara, Peru Marsa Moning Corp)           2         6.05         1         Regional, Monitaregio           2         6.05         1         Regional, Monitaregio           1         1200         1         Telay, Seru Marsa Moning Corp)           1         1200         1         Telay, Serugats, Naci Telay, Serugats, Serugats, Serugats, Naci Telay, Serugats, Serugats, Serugats, Serugats,   
   | Au           P226         Coll           Call         -   
   | Е     Ал     Ал     Сопрасtся     Сопрастся     Сопрастся     Сопрастся     Е     Е     Е     Е     Е     Е     Сст     Е     Е     Сст     Сст     Е     Е     Сст     Ст     Ст     Ст     Ст     Ст     Сст     Ст     Ст     Ст     Ст     Ст     Ст   | 46         1           1         3.050.00         2           13         52.050.00         1           2         13         52.050.00         1           2         13         52.050.00         1           2         21         1         1           2         21         1         1           2         1         1         1           3         1         1         1           3         1         1         1           4         1         1         1         1           5         1         7         1         1           4         9         37,000         1         1           5         1         2         1         1           6         7         3,000         1         1           12         3,000         1         1         1           4         1         1         1         1           4         1         1         1         1           5         1,000         1         1         1           4         1         1         1   
   
   | A         B           B         A           A         A   | TO<br>ER<br>ER<br>FN<br>ST<br>ST<br>S<br>S<br>U<br>U<br>U<br>U<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S<br>S   | 1993           199           199           199           197           197           197           198           197           198           197           198           198           198           110           1989           111           1989           112           1989           114           1989           115           1989           116           1989           117           1989           118           1989           119           119           110           110           111           111           111           111           111           111           111           1111           1111           1111           1111           1111           1111           1111           1111           1111           1111<   
  | 1999         Nug20           Nug20         Lohar22           2.2m/92         Lohar22           2.2m/92         Lohar22           2.2m/92         Lohar22           4.2m/91         Lohar22           4.2m/91         Lohar22           4.2m/91         Lohar22           1.2m/92         Lohar24           1.2m/93         Lohar24           1.3m         Lohar24   | 50000     50000     41.00     50000     5  |   | ADA           ADA           ADA           ADA           ADA           Apple           Apple </td <td>intervariaging         Second Sec</td> <td>PCD           VMS           VMS</td> <td>PB2n<br/>Coal<br/>A<br/>PB2n<br/>A<br/>PB2n<br/>A<br/>P<br/>Ca<br/>A<br/>B<br/>Ca<br/>A<br/>Ca<br/>A<br/>Ca<br/>A<br/>Ca<br/>A<br/>Ca<br/>A<br/>Ca<br/>A<br/>Ca</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00<br/>0.00<br/>0.26<br/>1700<br/>0.02<br/>0.04<br/>0.00<br/>0.05<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>8.00      
  0.00           0.00         0.00</td> <td>0.00         0.16           0.17.00         1           0.02         1           0.02         1           0.02         1           0.02         1           0.02         1           0.03         1           0.00         1           0.01         1           0.02         1           0.03         1           0.04         1           0.05         1           0.06         1           0.07         1           0.08         1           0.09         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1</td> <td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.0358           0         0         0.0358           0         0         0.0355           0         0         0.0017649           0         0.02155         0           0         0.02165         0           0         0.020562286         0           0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         &lt;</td>   | intervariaging         Second Sec  
   | PCD           VMS   
   | PB2n<br>Coal<br>A<br>PB2n<br>A<br>PB2n<br>A<br>P<br>Ca<br>A<br>B<br>Ca<br>A<br>Ca<br>A<br>Ca<br>A<br>Ca<br>A<br>Ca<br>A<br>Ca<br>A<br>Ca  |  | 5.693221381<br>  | 1999 130   |                | 0.00<br>0.00<br>0.26<br>1700<br>0.02<br>0.04<br>0.00<br>0.05<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 8.00         0.00           0.00         0.00   
   | 0.00         0.16           0.17.00         1           0.02         1           0.02         1           0.02         1           0.02         1           0.02         1           0.03         1           0.00         1           0.01         1           0.02         1           0.03         1           0.04         1           0.05         1           0.06         1           0.07         1           0.08         1           0.09         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1   | 0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.0358           0         0         0.0358           0         0         0.0355           0         0         0.0017649           0         0.02155         0           0         0.02165         0           0         0.020562286         0           0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         <                                    |
| 2         6.40         1         braz, Peru (Marsa Moing Corp)           4         0.00         1         Regionse, Montenegro           2         0.05         1         Regionse, Montenegro           1         1200         1         Regionse, Montenegro           1         1200         1         Rober, Status, B., Biggrad           1         1200         1         Rober, Bangpet, Ma.2 Tailings Pond, Lason, Philippines, Padcal (Philes)           3         0.00         1         Rober, Bangpet, Ma.2 Tailings Pond, Lason, Philippines, Padcal (Philes)           3         0.00         1         Barveer Gold Mite History, Status Miter, Status Alle, Controlo, Inc)           3         0.00         1         Matchean Miter, Stratus Alle, Calavia Hictorine, Inc)           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00 <td< td=""><td>All         Parameter           Parameter         Parameter           All         Parameter           All         Parameter           All         CS           All</td><td>E E Ash Ash Ash Ash Ash Ash Ash Ash Ash Ash</td><td>44         1           1         3.50000         2           15         52.06.000         1           15         52.06.000         1           15         52.06.000         1           15         52.06.000         1           10         21         1           11         1         1           12         21         1           13         3.00         1           14         1         1           15         9         37.000         1           16         9         37.000         1           17         7.000         1         1           18         7.000         1         1           19         3.00.000         1         1           140         7.000.000         1         1           140         1.000.000         1         1           140         1.000.000         1         1           151         1.000.000         1         1           141         1.300.000         1         1           153         53.000.000         1         1           153</td><td>A         B           B         A           A         A</td><td>OT<br/>ER<br/>ER<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>EQ<br/>T<br/>ST<br/>ST<br/>ER<br/>ST<br/>ER<br/>ST<br/>U<br/>U<br/>U<br/>U<br/>U<br/>U<br/>U<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST</td><td>1         1931           128         2922           127         2927           127         2927           127         2921           1         2921           1         2921           1         2921           1         2921           1         2921           1         2929           11         2939           121         2939           122         2939           141         2939           152         2938           154         2938           152         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2937           154         2937           154         2937           154         2937           154         2938           154         2938</td><td>1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug20         Sug20           1/Sug20</td><td></td><td></td><td>ADA           ADA           ADA           ADA           ADA           Appa           Appa</td><td>intervariaging         Second Sec</td><td>PCD           VMS           VMS</td><td>P92n<br/>Call<br/>Al<br/>P22n<br/>Cu<br/>Cu<br/>P22n<br/>Cu<br/>Cu<br/>Cu<br/>Son<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td><td></td><td>5.693221381<br/></td><td>1999 130</td><td></td><td>0.00           0.00           0.26           1700           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.10           0.02         0.00           0.02         0.00           0.02         0.00           0.02         0.00           0.03         0.00           0.00         0.00</td><td>0         0         0           0         0.258/62226         0           16.9994675         0         0           0         0         0.02276           0         0         0.02275           0         0         0.02275           0         0         0.02155           0         0         0.02155           0         0         0.02155           0         0.00176649         0           0         0         0.02155           0         0         0         0           0         0         1.8265           0         0         0.2256         0           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0           0         0         0         0           0</td></td<>   | All         Parameter           Parameter         Parameter           All         Parameter           All         Parameter           All         CS           All  
   
   | E E Ash  | 44         1           1         3.50000         2           15         52.06.000         1           15         52.06.000         1           15         52.06.000         1           15         52.06.000         1           10         21         1           11         1         1           12         21         1           13         3.00         1           14         1         1           15         9         37.000         1           16         9         37.000         1           17         7.000         1         1           18         7.000         1         1           19         3.00.000         1         1           140         7.000.000         1         1           140         1.000.000         1         1           140         1.000.000         1         1           151         1.000.000         1         1           141         1.300.000         1         1           153         53.000.000         1         1           153  
   
   | A         B           B         A           A         A | OT<br>ER<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>EQ<br>T<br>ST<br>ST<br>ER<br>ST<br>ER<br>ST<br>U<br>U<br>U<br>U<br>U<br>U<br>U<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST  | 1         1931           128         2922           127         2927           127         2927           127         2921           1         2921           1         2921           1         2921           1         2921           1         2921           1         2929           11         2939           121         2939           122         2939           141         2939           152         2938           154         2938           152         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2938           154         2937           154         2937           154         2937           154         2937           154         2938           154         2938   
  | 1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug20  |  |   | ADA           ADA           ADA           ADA           ADA           Appa  
   | intervariaging         Second Sec   
  | PCD           VMS  
  | P92n<br>Call<br>Al<br>P22n<br>Cu<br>Cu<br>P22n<br>Cu<br>Cu<br>Cu<br>Son<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu   |  | 5.693221381<br>  | 1999 130   |                | 0.00           0.00           0.26           1700           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   
  | 0.00         0.00             | 0.00         0.16           0.17.00         0.17.00           0.12         0.10           0.02         0.00           0.02         0.00           0.02         0.00           0.02         0.00           0.03         0.00           0.00         0.00  | 0         0         0           0         0.258/62226         0           16.9994675         0         0           0         0         0.02276           0         0         0.02275           0         0         0.02275           0         0         0.02155           0         0         0.02155           0         0         0.02155           0         0.00176649         0           0         0         0.02155           0         0         0         0           0         0         1.8265           0         0         0.2256         0           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0           0         0         0         0           0                              |
| 2         6.43         1         braz, Peru (Marsa Moing Corp)           4         0.00         1         Kaljovar, Montenegro           2         0.53         Marta, Faru (Marsa Moing Corp)           1         1720         1         Kaljovar, Montenegro           1         1720         1         Ruba, Bangaet, Ma 2 Tailings Pond, Laoin, Philippines, Padcal (Mikes)           3         0.00         1         Alp a Amina Trait, Kotaling Ya         Casada (Connico, Iac)           3         0.00         1         Magna Mone Tailings Dam 8         Casada (Connico, Iac)           3         0.00         1         Magna Mone Tailings Dam 8         Casada (Connico, Iac)           4         0.00         1         Secture Add Mike Hirson South Carelina         Casada (Connico, Iac)           4         0.00         1         Secture Add Mike, Mircan Mine, Maria Marka         Casada (Connico, Iac)           4         0.00         1         Secture Add Mike, Mircan Marka Mike, Marka Mike, Marka         Casada (Connico, Iac)           4         0.00         1         Secture Add Mike, Mircan Add Lake, Orbita         Casada (Connico, Iac)           4         0.00         1         Secture Add Mike, Mircan Add Lake, Calina         Casada (Connico, Iac)           4 <td>All         Press           PR2:         PR2:           PR2:         PR2:           AL         PR2:           AL         PR2:           PR2:         PR2:           AL         PR2:           AL</td> <td>E Ash<br/>Compacted<br/>Solution<br/>E Compacted<br/>Solution<br/>E Compacted<br/>E Comp</td> <td>46         46         1           -         -         1           -         3.05,000         21           -         13         52,00,000         1           -         -         1         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -</td> <td>A         B           B         A           A         A</td> <td>OT<br/>ER<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>OT<br/>ST<br/>ST<br/>SE<br/>ST<br/>SE<br/>ST<br/>SE<br/>ST<br/>SE<br/>ST<br/>SE<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST</td> <td>1           128           1292           128           1292           1297           129</td> <td>1993         Nug22           Nug22         Sharp22           25/Nug23         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           15/Nug24         Sharp22           15/Nug24         Sharp22           25/Nug24         Sharp24           25/Nug24         Sharp24</td> <td></td> <td>20</td> <td>ADA           ADA           ADA           ADA           ADA           Appa           Appa</td> <td>important         important           important         important</td> <td>PCD           VMS           VMS</td> <td>Р92л<br/>Сал<br/>Сал<br/>Сал<br/>Ал<br/>Р92л<br/>Сал<br/>Сал<br/>Аар<br/>Р<br/>Сал<br/>Аар<br/>Р<br/>Сал<br/>Аар<br/>Р<br/>Сал<br/>Аар<br/>Р<br/>Сал<br/>Аар<br/>Сал<br/>Аар<br/>Сал<br/>Сал<br/>Сал<br/>Сал<br/>Сал<br/>Сал<br/>Сал<br/>Сал</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00           0.26           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.05           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00</td> <td>0         0         0           0         0.253622266         0           16.99994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0.020176646         0           0         0.201776426         0           0         0         0.02016           0         0         0.02016           0         0         0.00018           0         0         0.00018           0         0         0.00013           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018</td> | All         Press           PR2:         PR2:           PR2:         PR2:           AL         PR2:           AL         PR2:           PR2:         PR2:           AL  
   
   | E Ash<br>Compacted<br>Solution<br>E Compacted<br>Solution<br>E Compacted<br>E Comp | 46         46         1           -         -         1           -         3.05,000         21           -         13         52,00,000         1           -         -         1         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -   
   | A         B           B         A           A         A | OT<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>OT<br>ST<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST  | 1           128           1292           128           1292           1297           129  
  | 1993         Nug22           Nug22         Sharp22           25/Nug23         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           25/Nug24         Sharp22           15/Nug24         Sharp22           15/Nug24         Sharp22           25/Nug24         Sharp24  
  |  | 20  | ADA           ADA           ADA           ADA           ADA           Appa  
   | important         important   
   | PCD           VMS   | Р92л<br>Сал<br>Сал<br>Сал<br>Ал<br>Р92л<br>Сал<br>Сал<br>Аар<br>Р<br>Сал<br>Аар<br>Р<br>Сал<br>Аар<br>Р<br>Сал<br>Аар<br>Р<br>Сал<br>Аар<br>Сал<br>Аар<br>Сал<br>Сал<br>Сал<br>Сал<br>Сал<br>Сал<br>Сал<br>Сал  |  | 5.693221381<br>  | 1999 130  
  |                | 0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             
   | 0.00           0.26           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.05           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00   | 0         0         0           0         0.253622266         0           16.99994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0.020176646         0           0         0.201776426         0           0         0         0.02016           0         0         0.02016           0         0         0.00018           0         0         0.00018           0         0         0.00013           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018                    |
| 2         6.40         1         braz, Peru (Marsa Moing Corp)           4         0.00         1         Regionse, Montenegro           2         0.05         1         Regionse, Montenegro           1         1200         1         Regionse, Montenegro           1         1200         1         Rober, Status, B., Biggrad           1         1200         1         Rober, Bangpet, Ma.2 Tailings Pond, Lason, Philippines, Padcal (Philes)           3         0.00         1         Rober, Bangpet, Ma.2 Tailings Pond, Lason, Philippines, Padcal (Philes)           3         0.00         1         Barveer Gold Mite History, Status Miter, Status Alle, Controlo, Inc)           3         0.00         1         Matchean Miter, Stratus Alle, Calavia Hictorine, Inc)           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00         1         Sedu Lake, Califormi, LiA           3         0.00         1         Sedu Lake, Califormi, LiA           4         0.00 <td< td=""><td>All         Press           Press         Press           All         Press           All<!--</td--><td>E E E E E E E E E E E E E E E E E E E</td><td>46         1           -         -         1           -         3.050.00         2           13         52.00.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         1           -         -         -           -         -         -           -         -         -</td><td>A         8           8         A           A         A</td><td>01<br/>ER<br/>FN<br/>57<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51</td><td>1           128           1292           128           1292           1297           129</td><td>1993         Nu(R)2           Nu(R)2         L           220092         L           220092         L           420091         L           420091         L           420091         L           420091         L           170009         L           170009         L           1900         L      1900         L      1900         L         L      1900</td><td></td><td></td><td>Additional and a state of the stat</td><td>intervariaging         Second Sec</td><td>PCD           VMS           VMS</td><td>P92n<br/>Call<br/>Al<br/>P22n<br/>Cu<br/>Cu<br/>P22n<br/>Cu<br/>Cu<br/>Cu<br/>Son<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td><td></td><td>5.693221381<br/></td><td>1999 130</td><td></td><td>0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.02           0.03           0.04           0.05           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00        </td><td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0.02352265         0           0         0         0           0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02053           0         0         <td< td=""></td<></td></td></td<>  | All         Press           Press         Press           All         Press           All </td <td>E E E E E E E E E E E E E E E E E E E</td> <td>46         1           -         -         1           -         3.050.00         2           13         52.00.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         1           -         -         -           -         -         -           -         -         -</td> <td>A         8           8         A           A         A    
      A         A           A         A           A         A           A         A           A         A           A         A           A         A           A         A           A         A           A         A</td> <td>01<br/>ER<br/>FN<br/>57<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51</td> <td>1           128           1292           128           1292           1297           129</td> <td>1993         Nu(R)2           Nu(R)2         L           220092         L           220092         L           420091         L           420091         L           420091         L           420091         L           170009         L           170009         L           1900         L      1900         L      1900         L         L      1900</td> <td></td> <td></td> <td>Additional and a state of the stat</td> <td>intervariaging         Second Sec</td> <td>PCD           VMS           VMS</td> <td>P92n<br/>Call<br/>Al<br/>P22n<br/>Cu<br/>Cu<br/>P22n<br/>Cu<br/>Cu<br/>Cu<br/>Son<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu<br/>Cu</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.02           0.03           0.04           0.05           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00         0.16           0.17.00        </td> <td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0.02352265         0           0         0         0           0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02053           0         0         <td< td=""></td<></td>   | E E E E E E E E E E E E E E E E E E E   
  | 46         1           -         -         1           -         3.050.00         2           13         52.00.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         1           -         -         -           -         -         -           -         -         -  
   | A         8           8         A           A         A | 01<br>ER<br>FN<br>57<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51  | 1           128           1292           128           1292           1297           129  
  | 1993         Nu(R)2           Nu(R)2         L           220092         L           220092         L           420091         L           420091         L           420091         L           420091         L           170009         L           170009         L           1900         L      1900         L      1900         L         L      1900   |  
   |   | Additional and a state of the stat   | intervariaging         Second Sec  
   | PCD           VMS   
   | P92n<br>Call<br>Al<br>P22n<br>Cu<br>Cu<br>P22n<br>Cu<br>Cu<br>Cu<br>Son<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu   |  | 5.693221381<br>  | 1999 130   |                | 0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.02           0.03           0.04           0.05           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  
   | 0.00         0.00             | 0.00         0.16           0.17.00  | 0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0         0.0235           0         0.02352265         0           0         0         0           0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02056           0         0         0         0.02053           0         0 <td< td=""></td<>            |
| 2         6.63         1         Mara, Peru Marsa Moning Corp)           2         6.05         1         Regional, Monitaregio           2         6.05         1         Regional, Monitaregio           1         1200         1         Telay, Serie Monitaregio           3         6.05         1         Adva Atminia Tunt, Kolotteregio           3         6.05         1         Adva Atminia Tunt, Kolotteregio           3         6.06         1         Rebrek, Schwart Mann, Breenk, Schwart Mann, Breenk, Schwart Mann, Breenk, Schwart Mann, Sterk, Schwart Mann, St  
  | All           P2D           P2D           Call           Call <td>E E E E E E E E E E E E E E E E E E E</td> <td>46         1           -         -         1           -         3.050.00         2           13         52.00.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         1           -         -         -           -         -         -           -         -         -</td> <td>A         8           8         A           A         A</td> <td>OT<br/>ER<br/>ER<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>T<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>S</td> <td>1         1933           198         1992           197         1992           197         1992           197         1992           1         1992           1         1991           -         1991           -         1990           1         1990           1         1989           110         1989           112         1989           114         1989           115         1988           124         1989           144         1988           152         1988           154         1988           154         1988           154         1988           154         1988           154         1988           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1988           154         1987</td> <td>1993         Nug20           Nug20         Nug20           2/2m/21         Nug20           2/2m/21         Nug20           2/2m/21         Nug20           4/2m/21         Nug20           4/2m/21         Nug20           4/2m/21         Nug20           1/2m/20         Nug20           1/2m/21         Nug20           1/2m/21</td> <td></td> <td>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>2</td> <td>Additional and a state of the stat</td> <td>amountaining         Second Secon</td> <td>PCD           VMS           VMS</td> <td>PB2n<br/>Carl<br/>A<br/>R<br/>PB2n<br/>Carl<br/>A<br/>R<br/>PD2n<br/>Carl<br/>A<br/>Sand<br/>Carl<br/>A<br/>Carl<br/>Carl<br/>Carl<br/>Carl<br/>Carl<br/>Carl<br/>Carl<br/>Carl</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00           0.26           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.05           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00</td> <td>0         0         0           0         0.253622266         0           16.99994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0.020176646         0           0         0.201776426         0           0         0         0.02016           0         0         0.02016           0         0         0.00018           0         0         0.00018           0         0         0.00013           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0     
   0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018</td>  | E E E E E E E E E E E E E E E E E E E  | 46         1           -         -         1           -         3.050.00         2           13         52.00.00         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         1           -         -         -           -         -         -           -         -         1           -         -         -           -         -         -           -         -         -  
   | A         8           8         A           A         A | OT<br>ER<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>T<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>S  | 1         1933           198         1992           197         1992           197         1992           197         1992           1         1992     
     1         1991           -         1991           -         1990           1         1990           1         1989           110         1989           112         1989           114         1989           115         1988           124         1989           144         1988           152         1988           154         1988           154         1988           154         1988           154         1988           154         1988           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1987           154         1988           154         1987  
  | 1993         Nug20           Nug20         Nug20           2/2m/21         Nug20           2/2m/21         Nug20           2/2m/21         Nug20           4/2m/21         Nug20           4/2m/21         Nug20           4/2m/21         Nug20           1/2m/20         Nug20           1/2m/21  |  | 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>2 | Additional and a state of the stat  
  | amountaining         Second Secon  
   | PCD           VMS   | PB2n<br>Carl<br>A<br>R<br>PB2n<br>Carl<br>A<br>R<br>PD2n<br>Carl<br>A<br>Sand<br>Carl<br>A<br>Carl<br>Carl<br>Carl<br>Carl<br>Carl<br>Carl<br>Carl<br>Carl  |  | 5.693221381<br>  | 1999 130  
  |                | 0.00           0.05           0.26           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.03           0.04           0.05           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             | 0.00           0.26           0.26           0.27           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00        
  0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.05           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00   | 0         0         0           0         0.253622266         0           16.99994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0.020176646         0           0         0.201776426         0           0         0         0.02016           0         0         0.02016           0         0         0.00018           0         0         0.00018           0         0         0.00013           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018           0         0         0.00018                    |
| 2         6.63         1         Mara, Peru Marsa Moning Corp)           2         6.05         1         Relowark, Montenegro           2         6.05         1         Relowark, Montenegro           1         1200         1         Relowark, Montenegro           1         1200         1         Relowark, Montenegro           3         6.00         1         Relowark, Montenegro           3         6.00         1         Relowark, Montenegro, Relowark, Standard, Lason, Philippines, Parkai (Philes)           3         6.00         1         Rever Gold Mare, Hittons South Camina           4         6.00         1         Marcheawn Mines, Stritad Lake, Otaria           2         6.03         1         Brever Gold Mare, Hittons South Camina           3         6.00         1         Soda Lake, Califorma, USA           4         6.00         1         Soda Lake, Califorma, USA           4         6.00         1         Souther, Garo, UKA           3         6.00         1         Souther, Garo, UKA           4         6.00         1         Souther, Garo, UKA           4         6.00         1         Souther, Garo, UKA           4         6.00   
   | All           P2D           P2D           Call           Call <td>E Auh<br/>Comparter Ash<br/>Comparter Ash<br/>E E<br/>E E<br/>E E<br/>CST<br/>E E<br/>Anglite E<br/>R<br/>Argilite C<br/>T<br/>MW<br/>E E<br/>E<br/>CST<br/>S<br/>CST<br/>CST<br/>CST<br/>CST<br/>CST<br/>CST</td> <td>46         1           1         3.355.000         2           13         3.52.00.000         1           13         52.00.000         1           13         52.00.000         1           13         52.00.000         1           13         52.00.000         1           14         1         1           15         1         1           16         1         1           17         1         1           18         1         1           19         7.00.000         1           12         3.300.00         2           12         3.300.00         1           12         3.300.00         1           12         3.300.00         1           13         1.000.00         1           14         1         1           15         52.000.00         1           13         52.000.00         1           13         52.000.00         1           14         7         3.000.00         1           15         17.000.00         1           14         13         1<td>A         B           B         A           A         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A</td><td>TO<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR</td><td>1           1282           1287           1287           1298           1297           1298           1297           1298           1297           1298           1299           1291           1292           1293           1294           1298           1297           1298           1297           1298           1297           1298           1297           1298           1298           1298           1298           1298     <td>1993           Nay02           Nay02           220492           220492           230492           40001           120020           420491           420491           120020           120020           1300           1300           1300           540000           540000           53000</td><td></td><td></td><td>ADA           ADA           ADA           ADA           ADA           APA           APA           APA           ADA           APA           APA           ADA           ADA           APA           ADA           ADA</td><td>amountaining         Second Secon</td><td>PCD           VMS           VMS</td><td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 1000</td><td></td><td>0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00           0.00         0.00           0.00        
0.00           0.00         0.00           1.36         0.00</td><td>0.00         0.16           0.17.00        </td><td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0354           0         0         0.0354           0         0         0.0354           0         0         0.0017649         0           0         0.0017649         0         0.0215           0         0.0258/2266         0         0         0           0         0.2563/2266         0         0         0           0         0         0         0.0226         0         0           0         0         0         0.0226         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0</td></td></td>  | E Auh<br>Comparter Ash<br>Comparter Ash<br>E E<br>E E<br>E E<br>CST<br>E E<br>Anglite E<br>R<br>Argilite C<br>T<br>MW<br>E E<br>E<br>CST<br>S<br>CST<br>CST<br>CST<br>CST<br>CST<br>CST  | 46         1           1         3.355.000         2           13         3.52.00.000         1           13         52.00.000         1           13         52.00.000         1           13         52.00.000         1           13         52.00.000         1           14         1         1           15         1         1           16         1         1           17         1         1           18         1         1           19         7.00.000         1           12         3.300.00         2           12         3.300.00         1           12         3.300.00         1           12         3.300.00         1           13         1.000.00         1           14         1         1           15         52.000.00         1           13         52.000.00         1           13         52.000.00         1           14         7         3.000.00         1           15         17.000.00         1           14         13         1 <td>A         B           B         A           A         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A</td> <td>TO<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR<br/>FR</td> <td>1           1282           1287           1287           1298           1297           1298           1297           1298           1297           1298           1299           1291           1292           1293           1294           1298           1297           1298           1297           1298           1297           1298           1297           1298           1298           1298           1298           1298     <td>1993           Nay02           Nay02           220492           220492           230492           40001           120020           420491           420491           120020           120020           1300           1300           1300           540000           540000           53000</td><td></td><td></td><td>ADA           ADA           ADA           ADA           ADA           APA           APA           APA           ADA           APA           APA           ADA           ADA           APA           ADA           ADA</td><td>amountaining         Second Secon</td><td>PCD           VMS           VMS</td><td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl     
     Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 1000</td><td></td><td>0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.36         0.00</td><td>0.00         0.16           0.17.00        </td><td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0354           0         0         0.0354           0         0         0.0354           0         0         0.0017649         0           0         0.0017649         0         0.0215           0         0.0258/2266         0         0         0           0         0.2563/2266         0         0         0           0         0         0         0.0226         0         0           0         0         0         0.0226         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0</td></td> | A         B           B         A           A         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A           B         A | TO<br>FR<br>FR<br>FR<br>FR<br>FR<br>FR<br>FR<br>FR<br>FR<br>FR  | 1           1282           1287           1287           1298           1297           1298           1297           1298           1297           1298           1299           1291           1292           1293           1294           1298           1297           1298           1297           1298           1297           1298           1297           1298           1298           1298           1298           1298 <td>1993           Nay02           Nay02           220492           220492           230492           40001           120020           420491           420491           120020           120020           1300           1300           1300           540000           540000           53000</td> <td></td> <td></td> <td>ADA           ADA           ADA           ADA           ADA           APA           APA           APA           ADA           APA           APA           ADA           ADA           APA           ADA           ADA</td> <td>amountaining         Second Secon</td> <td>PCD           VMS           VMS</td> <td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td> <td></td> <td>5.693221381<br/></td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 1000</td> <td></td> <td>0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           1.36         0.00</td> <td>0.00         0.16           0.17.00        </td> <td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0354           0         0         0.0354           0         0         0.0354           0         0         0.0017649         0           0         0.0017649         0         0.0215           0         0.0258/2266         0         0         0           0         0.2563/2266         0         0         0           0         0         0         0.0226         0         0           0         0         0         0.0226         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0</td>  
   | 1993           Nay02           Nay02           220492           220492           230492           40001           120020           420491           420491           120020           120020           1300           1300           1300           540000           540000           53000  |  |   | ADA           ADA           ADA           ADA           ADA           APA           APA           APA           ADA           APA           APA           ADA           ADA           APA           ADA  
  | amountaining         Second Secon  
   | PCD           VMS   | PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand  
   |  | 5.693221381<br>  | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 1000 |                | 0.00           0.05           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.02           0.03           0.04           0.05           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           1.36         0.00   | 0.00         0.16           0.17.00   
  | 0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.0354           0         0         0.0354           0         0         0.0354           0         0         0.0017649         0           0         0.0017649         0         0.0215           0         0.0258/2266         0         0         0           0         0.2563/2266         0         0         0           0         0         0         0.0226         0         0           0         0         0         0.0226         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0 |
| 2         6.60         1         braz, Peru (Marsa Moning Corp)           2         6.00         1         Relowsk, Montenegro           2         6.00         1         Relowsk, Montenegro           1         1200         1         Rubrak, Maska, Mankor, Schwaler, K.C. Lassik, Cloniton, Inc.)           1         100         1         Marka Mankor, Schwaler, K.C. Lassik, Cloniton, Inc.)           2         0.00         1         Marka Mankor, Schwaler, K.C. Lassik, Cloniton, Inc.)           2         0.00         1         Marka Mankor, Schwaler, K.C. Lassik, Cloniton, Inc.)           2         0.00         1         Schwaler, Californi, K.G.           3         0.00         1         Schwaler, Californi, K.G.           3         0.00         1         Barker, Kaliko, MAR           4         0.00         1         Barker, Kaliko, KAR           3         0.00         1         Barker, Kaliko, KAR           4         0.00         1         Barker, Kalikan, Kaliko, Kalikan   
   | All         Parameter           Parameter         Parameter           Parameter         Parameter           All         Parameter           A   
   | E E Ash Compacted Ash Compacted E E E E E E E E E E E E E E E E E E E   
  | 44         1           1         3.50,000         2           15         52.00,000         1           15         52.00,000         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           30         1         1           31         2         1           32         3         30,000           31         3,00,000         1           35         3,00,000         1           45         3,00,000         1           45         3,00,000         1           53         32,00,000         1           31         25,00,000         1           41         33         35,00,00           53         32,00,000         1           41         1         1           54         30,00,00<   
   | A         B           B         A           A         A | OT<br>ER<br>ER<br>FM<br>ST<br>ST<br>ST<br>ST<br>FN<br>SE<br>OT<br>SE<br>OT<br>OT<br>OT<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>S   | 1         1931           128         2921           129         2921           129         2921           129         2921           129         2921           129         2921           12         2921           12         2921           11         2939           121         2939           124         2939           125         2939           124         2939           125         2938           126         2938           127         2938           128         2939           129         2939           120         2938           121         1288           122         2938           123         2938           124         2938           125         2937           126         2937           127         2138           128         2937           129         2937           120         2937           121         2938           122         2937           123         2936   
  | 1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug21  |  
   |   | ADA           ADA           ADA           ADA           APAR           APAR <td>important starting         important starting           important starting<td>PC3       VAS       VAS   <!--</td--><td>P62n           Call           Al           Al           P2n           Call           Al           P2n           Call           Na           Ag P6           Sold           Ag Sold           Call           U           U           Linestone           Au           Call           Call           Call           Call           Call           Call           Call           Call           Sold           Sold</td><td></td><td>5.693221381<br/></td><td>1999 130</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.16         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0           0         0.25162286         0           0         0         0.02255           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013<!--</td--></td></td></td>  | important starting         important starting           important starting <td>PC3       VAS       VAS   <!--</td--><td>P62n           Call           Al           Al           P2n           Call           Al           P2n           Call           Na           Ag P6     
     Sold           Ag Sold           Call           U           U           Linestone           Au           Call           Call           Call           Call           Call           Call           Call           Call           Sold           Sold</td><td></td><td>5.693221381<br/></td><td>1999 130</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.16         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0           0         0.25162286         0           0         0         0.02255           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013<!--</td--></td></td>  | PC3       VAS       VAS </td <td>P62n           Call           Al           Al           P2n           Call           Al           P2n           Call           Na           Ag P6           Sold           Ag Sold           Call           U           U           Linestone           Au           Call           Call           Call           Call           Call           Call           Call           Call           Sold           Sold</td> <td></td> <td>5.693221381<br/></td> <td>1999 130</td> <td></td> <td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           1.16         0.00           0.00         0.00</td> <td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td> <td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02195           0         0         0.02195           0         0   
     0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0           0         0.25162286         0           0         0         0.02255           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013<!--</td--></td>   | P62n           Call           Al           Al           P2n           Call           Al           P2n           Call           Na           Ag P6           Sold           Ag Sold           Call           U           U           Linestone           Au           Call           Call           Call           Call           Call           Call           Call           Call           Sold  |  | 5.693221381<br>  | 1999 130   |                | 0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   
  | 0.00         0.00           1.16         0.00           0.00         0.00   | 0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0  | 0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0.02195           0         0         0           0         0.25162286         0           0         0         0.02255           0         0         0.00016           0         0         0.00016           0         0         0.00013           0         0         0.00013           0         0         0.00013           0         0         0         0.00013           0         0         0         0.00013           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013 </td                  |
| 2         6.63         1         Mara, Peru Marsa Moning Corp)           2         6.05         1         Relowark, Montenegro           2         6.05         1         Relowark, Montenegro           1         1200         1         Relowark, Montenegro           1         1200         1         Relowark, Montenegro           3         6.00         1         Relowark, Montenegro           3         6.00         1         Relowark, Montenegro, Relowark, Standard, Lason, Philippines, Parkai (Philes)           3         6.00         1         Rever Gold Mare, Hittons South Camina           4         6.00         1         Marcheawn Mines, Stritad Lake, Otaria           2         6.03         1         Brever Gold Mare, Hittons South Camina           3         6.00         1         Soda Lake, Califorma, USA           4         6.00         1         Soda Lake, Califorma, USA           4         6.00         1         Souther, Garo, UKA           3         6.00         1         Souther, Garo, UKA           4         6.00         1         Souther, Garo, UKA           4         6.00         1         Souther, Garo, UKA           4         6.00   
   | All           P2D           P2D           Call           Call <td>Auh<br/>Comparters<br/>Auh<br/>Comparters<br/>Auh<br/>E<br/>E<br/>E<br/>E<br/>E<br/>CST<br/>E<br/>E<br/>CST<br/>E<br/>E<br/>CST<br/>E<br/>CST<br/>E<br/>CST<br/>E<br/>CST<br/>E<br/>CST<br/>E<br/>E<br/>CST<br/>E<br/>CST</td> <td>46         1           1         3.05,000         1           1         3.05,000         1           1         3.52,00,000         1           2         13         52,00,000         1           2         21         1         1           2         22         1         1           2         22         1         1           2         23         1         1           2         1         1         1           2         2         1         1           3         2         1         1           4         1         1         1           5         3         1         1           4         2         3.00,000         1           4         4         27,00,000         2           4         4         1,00,000         1           5         1,00,000         1         1           4         1         1,00,000         1           5         3         3,20,000         1           4         1         1         1           5         3         3,0</td> <td>A           B           A</td> <td>01<br/>ER<br/>FM<br/>ST<br/>ST<br/>ST<br/>ST<br/>ST<br/>EQ<br/>OT<br/>ST<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE<br/>SE</td> <td>1           128           1292           129           1292           129</td> <td>1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug21         Sug20           1/Sug21</td> <td></td> <td></td> <td>ADA           ADA           ADA           ADA           APAR           APAR     <td>amountaining         Second Secon</td><td>PC3       VAS       VAS   <!--</td--><td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           0.05           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00       
   0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00<td>0.00           0.26           0.27           0.20           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.01           0.02           0.03           0.04           0.05           0.00</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td></td></td>  | Auh<br>Comparters<br>Auh<br>Comparters<br>Auh<br>E<br>E<br>E<br>E<br>E<br>CST<br>E<br>E<br>CST<br>E<br>E<br>CST<br>E<br>CST<br>E<br>CST<br>E<br>CST<br>E<br>CST<br>E<br>E<br>CST<br>E<br>CST   | 46         1           1         3.05,000         1           1         3.05,000         1           1         3.52,00,000         1           2         13         52,00,000         1           2         21         1         1           2         22         1         1           2         22         1         1           2         23         1         1           2         1         1         1           2         2         1         1           3         2         1         1           4         1         1         1           5         3         1         1           4         2         3.00,000         1           4         4         27,00,000         2           4         4         1,00,000         1           5         1,00,000         1         1           4         1         1,00,000         1           5         3         3,20,000         1           4         1         1         1           5         3         3,0   
   | A           B           A   | 01<br>ER<br>FM<br>ST<br>ST<br>ST<br>ST<br>ST<br>EQ<br>OT<br>ST<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE<br>SE  | 1           128           1292           129           1292           129           129           129           129           129           129           129           129           129           129           129           129           129          
129              
   | 1993         Nug20           Nug20         Sug20           2/Sug21         Sug20           2/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           4/Sug21         Sug20           1/Sug21  |  |   | ADA           ADA           ADA           ADA           APAR           APAR <td>amountaining         Second Secon</td> <td>PC3       VAS       VAS   <!--</td--><td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           0.05           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00<td>0.00           0.26           0.27           0.20           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.01           0.02           0.03           0.04           0.05           0.00</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0
        0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td></td> | amountaining         Second Secon  | PC3       VAS       VAS </td <td>PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand</td> <td></td> <td>5.693221381<br/></td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td> <td></td> <td>0.00           0.05           0.05           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00<td>0.00           0.26           0.27           0.20           0.01           0.02           0.03           0.04          
0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.01           0.02           0.03           0.04           0.05           0.00</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td>   | PB2n           Carl           Qu           Al           PD2n           Al           PD2n           Au           Au           Qu           Na           Agi Pb           Carl           Carl           Carl           Carl           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           Au           Carl           P           Carl           Fre           Au           Carl           Fre           Son           Fre           Son           Fre           Sand  |  | 5.693221381<br>  | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100 100<br>100 100 100 100 100 100 100 100 100 100      |                | 0.00           0.05           0.05           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           0.00 <td>0.00           0.26           0.27           0.20           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.01           0.02           0.03           0.04           0.05           0.00</td> <td>0         0         0           0         0.25632286         0           16.9994075         0         0           0       
 0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td> | 0.00           0.26           0.27           0.20           0.01           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.01           0.02           0.03           0.04           0.05           0.00  | 0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0   |
| 2         6-53         1         Mara, Peru Marsa Moning Corp)           2         6-54         1         Relowart, Monthengio           2         6-54         1         Relowart, Monthengio           1         1220         2         5-54         Marta Jaka B., Bugara           1         1220         1         Rubart Status, B., Bugara           1         123         1-20         1         Ruba Status, B., Bugara           1         1-3         1-20         1         Ruba Status, B., Carata, Comitor, Margary SL           1         1-3         1-20         1         Ruba Status, Margara Marka, Status, B., Carata (Comitor, Margara           1         1-3         1-20         1         Marchawan Mune, Status, B., Carata (Comitor, Margara           1         1-3         1-20         1         Marchawan Mune, Status Lube, Ottairo           1         1-4         1-20         1         Status, Comitor, USA           1         1-3         1-30         1         Status, Comitor, USA           1         1-3         1-30         1         Bardor, Margara Marca, Margara           1         1-3         1-30         1         Bardor, Margara Marca, Margara           1         1   
   | All         Set           PE2:0         Set           PE2:0         Set           All         Set           All <td>Auh<br/>Auh<br/>Compacter<br/>Auh<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>CST<br/>E<br/>Argilte<br/>E<br/>R<br/>Argilte<br/>E<br/>R<br/>Argilte<br/>E<br/>R<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E<br/>E</td> <td>46         1           -         -         -           -         3.050.00         2           -         13         52.00.00         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         -           -         -         -         -         -         -           -         -         -         -         -         -         -           -         -         -         -         -         -         -         -         -         -         -</td> <td>A           B           A           B           B           B           B           B           B           B           B           B           B           B           B           B           B</td> <td>01<br/>ER<br/>25<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>5</td> <td>1           1283           1283           1284           1297           1298           1297           1298           1298           1297           1298           1297           1298           1299           1291           1292           1293           1294           1297           1297           1298           1297           1298           1297           1298           1298           1299           1291           1292           12937     <!--</td--><td>1993         Nu(2)2           Nu(2)2         2.204/22           2.204/22         2.204/22           3.204/22         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24</td><td></td><td></td><td>ADA           ADA           ADA           ADA           APAR           APAR     <td>important starting         important starting           important starting<td>PC3       VAS       VAS   <!--</td--><td>PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00          
0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td></td></td></td>  | Auh<br>Auh<br>Compacter<br>Auh<br>E<br>E<br>E<br>E<br>E<br>E<br>CST<br>E<br>Argilte<br>E<br>R<br>Argilte<br>E<br>R<br>Argilte<br>E<br>R<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E<br>E   | 46         1           -         -         -           -         3.050.00         2           -         13         52.00.00         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         1           -         -         -         -         -           -         -         -         -         -         -           -         -         -         -         -         -         -           -         -         -         -         -         -         -         -         -         -         -  
   | A           B           A           B           B           B           B           B           B           B         
 B           B           B           B           B           B           B   | 01<br>ER<br>25<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>5   | 1           1283           1283           1284           1297           1298           1297           1298           1298           1297           1298           1297           1298           1299           1291           1292           1293           1294           1297           1297           1298           1297           1298           1297           1298           1298           1299           1291           1292           12937 </td <td>1993         Nu(2)2           Nu(2)2         2.204/22           2.204/22         2.204/22           3.204/22         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24</td> <td></td> <td></td> <td>ADA           ADA           ADA           ADA           APAR           APAR     <td>important starting         important starting           important starting<td>PC3       VAS       VAS   <!--</td--><td>PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td></td></td> | 1993         Nu(2)2           Nu(2)2         2.204/22           2.204/22         2.204/22           3.204/22         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/22           4.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/21         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24           1.204/24         2.204/24   |   
  |   | ADA           ADA           ADA           ADA           APAR           APAR <td>important starting         important starting           important starting<td>PC3       VAS       VAS   <!--</td--><td>PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td></td>   | important starting         important starting           important starting <td>PC3       VAS       VAS   <!--</td--><td>PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00</td><td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05        
0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td>   | PC3       VAS       VAS </td <td>PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call</td> <td></td> <td>5.693221381<br/></td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td> <td></td> <td>0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00</td> <td>0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0</td> <td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td>  | PB 2n           Call           Al           Al           PD 2n           Gal           Au           U           Ra           Ag PD 2n           Call           Au           U           Stad           Ag PD 2n           Call           Call           D           Linestone           Call           Son           P           Son           Son           Sand           P           Call           Call           Call       |  | 5.693221381<br>  | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100 100<br>100 100 100 100 100 100 100 100 100 100      |                | 0.00           0.05           17.00           0.02           0.04           0.02           0.10           0.22           0.04           0.02           0.10           0.26           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   
  | 0.00         0.00           1.36         0.00           1.36         0.00           1.37         0.00   | 0.00         0.16           0.17.00         0.17.00           0.12         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.08         0.00           0.09         0.00           0.00         0.00           0  | 0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0229           0         0         0.0219           0         0.00176668         0           0         0.25362286         0           0         0.53605         0           0         0         5.3605           0         0         0.0005           0         0         0.0026           0         0         0.00243           1.797643629         0         0           0         0         0.00033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0   |
| 2         6-53         1         Mara, Peru Marsa Moning Corp)           2         6-54         1         Relowari, Moninargio           2         6-54         1         Relowari, Moninargio           1         1220         2         1         Marta Ista B. Biggina           1         1220         1         Relawari, Moninargio         Marta Ista B. Biggina           1         13         150         1         Apia Alman Mart, Brefford, E.Classif (Coninco, Inc)           1         13         150         1         Marta Alman Marting, Britan Ista, Bartania           1         13         150         1         Marta Alman Marting, Britan Ista, Charlin           1         14         1         Marta Alman Marting, Britan Ista, Charlin         International State S   
   | All         Partial           Partial         Partial           Partial         Partial           All         Partial   
   | E           Ash           Compacted           Compacted           E           E           E           E           E           E           E           E           E           E           CST           E           Anyointoit           Anyointoit           E           Anyointoit           E           Anyointoit           E           Anyointoit           F           Anyointoit           E           Anyointoit           F           F           F           F           F           F  
  | A60         A60         A           I         3.050.000         I           I         3.050.000         I           I         3.050.000         I           I         13         \$2,00,000         I           I         I         I         I           I         221         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I           I         I         I         I         I           I         I         I         I         I           I         I         I         I         I           I         I         I         I         I           I         I         I         I         I           I         I         I         I  
   | A           B           A   | OT<br>ER<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>SE<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST  | 1933           194         1933           194         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1950           111         1950           112         1950           114         1959           115         1959           116         1959           117         1958           128         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958 <t< td=""><td>1999         NegR2           NegR2         Second           22m/21         Second           22m/22         Second           32m/21         Second           52m/22         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           53m         Second           53m<td></td><td></td><td>ADA           ADA           ADA</td><td>important starting         important starting           important starting</td></td></t<> <td>PC3       VAS       VAS   <!--</td--><td>Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu</td><td></td><td>5.693221381<br/></td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           0.02           0.04           0.00           0.02           0.04           0.00           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00           1.36</td><td>0.00         0.16           0.26         0.17.00           0.20         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00</td><td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0         0.02275           0         0.00176669         0           0         0.25362286         0           0         0         0.0226           0         0         0.0226      
    0         0         0.0226           0         0         0.0228           0         0         0.0228           0         0         0.0023           0         0         0.0023           0         0         0           0         0         0.0033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td></td>  | 1999         NegR2           NegR2         Second           22m/21         Second           22m/22         Second           32m/21         Second           52m/22         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           52m/24         Second           53m         Second           53m <td></td> <td></td> <td>ADA           ADA           ADA</td> <td>important starting         important starting           important starting</td> |  |   | ADA  
  | important starting         important starting           important starting   
  | PC3       VAS       VAS </td <td>Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu</td> <td></td> <td>5.693221381<br/></td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td> <td></td> <td>0.00           0.05           0.02           0.04           0.00           0.02           0.04           0.00           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00           1.36</td> <td>0.00         0.16           0.26         0.17.00           0.20         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00</td> <td>0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0         0.02275           0         0.00176669         0           0         0.25362286         0           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0228           0         0         0.0228           0         0         0.0023           0         0         0.0023           0         0         0           0         0         0.0033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0</td>  | Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu |  | 5.693221381<br>  | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100 100<br>100 100 100 100 100 100 100 100 100 100      |                | 0.00           0.05           0.02           0.04           0.00           0.02           0.04           0.00           0.01           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0   
  | 0.00           1.36   | 0.00         0.16           0.26         0.17.00           0.20         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00  | 0         0         0           0         0.25632286         0           16.9994075         0         0           0         0         0.02278           0         0         0.02278           0         0         0.02278           0         0         0.02275           0         0         0.02275           0         0         0.02275           0         0.00176669         0           0         0.25362286         0           0         0         0.0226           0         0         0.0226           0         0         0.0226           0         0         0.0228           0         0         0.0228           0         0         0.0023           0         0         0.0023           0         0         0           0         0         0.0033           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0  |
| 2         648         1         Mara, Peru Marsa Moning Corp)           2         648         1         Relowark, Montenego           2         654         1         Relowark, Montenego           1         1200         1         Relowark, Montenego           3         650         1         Aka Aumar Parts, Konstango           3         650         1         Aka Aumar Parts, Konstang, R.C. Lassi, Clamita, M.C.           3         650         1         Reser Kold Mare, Refinon South Cambring, ECL casis (Camita, Mr.)           3         650         1         Marchawan Mines, Stribal Lask, Ottaria           4         650         1         Marchawan Mines, Stribal Lask, Ottaria           4         650         1         Stribal Mark Tailago Lan 81           5         651         1         Stribal Mark Tailago Lan 81           5         651         1         Stribal Mark Tailago Lan 81  
   | All           P2D           P2D           P2D           CI  
  | E           Ash           Compacted           Compacted           E           E           E           E           E           E           E           E           E           E           CST           E           Anyointoit           Anyointoit           E           Anyointoit           E           Anyointoit           E           Anyointoit           F           Anyointoit           E           Anyointoit           F           F           F           F           F           F   
   | 46         1           1         3.050.00         2           13         3.050.00         2           13         5.200.00         1           2         13         5.200.00         1           2         21         1         1           2         21         1         1           2         1         1         1           2         1         1         1           3         0         2         1           4         1         1         1           5         1         1         1           6         9         17,000         1           12         3.00000         1         1           12         3.00000         1         1           12         3.00000         1         1           13         1.00000         1         1           14         1         1         1           15         1.00000         1         1           14         1         1         1         1           15         1.00000         1         1           16         1   
  | A           B           A           B           B           B           B           B           B           B           B           B           B           B           B           B           B           B   | 01<br>ER<br>FR<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST<br>ST  | 1           1283           1283           1284           1297           127           1287           1291           -           1291           -           1291           -           1292           131           1293           131           1293           131           1293           131           1293           132           132           132           132           133           143           154           153           154           153           154           153           154           154           155           154           155           154           155           154           155           154           155           156           157           158           159           150           151   
   | 1999         Nug20           Nug20         Nug20           2/20422         Nug20           2/20424         Nug20           4/20431         Nug20           4/20431         Nug20           4/20431         Nug20           1/20402         Nug20           1/20403         Nug20           1/20403         Nug20           1/20403         Nug20           1/20403         Nug20           1/20403         Nug20           1/20403         Nug20           1/20404         Nug20           1/20405         Nug20           1/20405         Nug20           1/20405  |   
  |   | ABA  
  | and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints  | PC3       VAS       VAS </td <td>PB2n           Carl           Carl           Al           Al           PB2n           Al           Carl           Carl           Al           Al           P           Linestone           Carl           Au           Carl           Au           Carl
          Fe           Au           Carl           Fe           Son           Fe           Son           Fe           Sand           F           Carl           F           Carl           F           Carl           F           Carl   </td> <td></td> <td>5.693221381<br/></td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td> <td></td> <td>0.00           0.05           0.02           0.02           0.04           0.02           0.10           0.21           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           1.38         0.00           0.00         0.00           1.38         0.00           0.00         0.00           1.35.1         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00&lt;</td> <td>0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.02           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00<td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26822266         0         0           0         0         0.02255         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0</td></td> | PB2n           Carl           Carl           Al           Al           PB2n           Al           Carl           Carl           Al           Al           P           Linestone           Carl           Au           Carl           Au           Carl           Fe           Au           Carl           Fe           Son           Fe           Son           Fe           Sand           F           Carl           F           Carl           F           Carl           F           Carl   |  | 5.693221381<br>  | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100 100<br>100 100 100 100 100 100 100 100 100 100      |                | 0.00           0.05           0.02           0.02           0.04           0.02           0.10           0.21           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  
   | 0.00         0.00           1.38         0.00           0.00         0.00           1.38         0.00           0.00         0.00           1.35.1         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00<   | 0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.02           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00 <td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26822266         0         0           0         0         0.02255         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0</td>                               | 0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26822266         0         0           0         0         0.02255         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0           0         0         0         0.02265           0         0         0         0.02265           0         0         0                     |
| 2         6-53         1         Mara, Peru Marsa Moning Corp)           2         6-54         1         Relowari, Moninargio           2         6-54         1         Relowari, Moninargio           1         1220         2         1         Marta Ista B. Biggina           1         1220         1         Relawari, Moninargio         Marta Ista B. Biggina           1         13         150         1         Apia Alman Mart, Brefford, E.Classif (Coninco, Inc)           1         13         150         1         Marta Alman Marting, Britan Ista, Bartania           1         13         150         1         Marta Alman Marting, Britan Ista, Charlin           1         14         1         Marta Alman Marting, Britan Ista, Charlin         International State S   
   | All         Partial           Partial         Partial           Partial         Partial           All         Partial   
   | E E Ash Compacted Compacted Compacted E E E E E E E E E E E E E E E E E E E   
  | 44         1           1         3.50,000         2           15         52.00,000         1           15         52.00,000         1           15         52.00,000         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           21         1         1           31         1         1           32         3.00,00         1           34         1         1           42         3.00,00         1           35         3.00,00         1           43         2         1           55         3.20,00,00         1           31         2         1           41         3.00,00         1           53         3.20,00,00         1           41         1         1           54         3.00,00         1           57         30,00,00   
   | A         A           A         A | OT           ER           ER           FR           ST           ST | 1           128           1282           1282           1292           129           129           129           129           129           129           120           121           1200           121           121           121           121           121           121           121           121           121           121           121           121           121           121           121           121           122           123           124           125           125           126           127           128           129           1210           1211           1212           1213           1214           1215           1216           1217           1218           1219           1210           1210   
  | 1999         Nag20           Nag20         Sag20           200021         Sag20           200021         Sag20           400021         Sag20           400021         Sag20           400021         Sag20           100000         Sag20   |   
  | 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                        | ADA  
  | important starting         important starting           important starting <td>PCD       VAD       VAD   <!--</td--><td>Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu</td><td></td><td>5.693221381          </td><td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td><td></td><td>0.00           0.05           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           1.16         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         1.17.00           0.12         1.10.0           0.02         1.10.0           0.02         1.10.0           0.02         1.00.0           0.03         1.00.0           0.04         1.00.0           0.05         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           1.00         1.00.0           1.00         1.00.0           1.01         1.00.0           1.02         1.00.0           1.03         1.00.0           1.04         1.00.0           1.05         1.33</td><td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02276           0         0         0.0354           0         0         0.02276           0         0         0.02195           0         0         0.02195           0         0.0017669         0           0         0.25162286         0           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02052           0         0         0.02053           0         0         0.02054           0         0         0.02053           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013</td></td> | PCD       VAD       VAD </td <td>Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu</td> <td></td> <td>5.693221381          </td> <td>1909 130<br/>1909 130<br/>100 10<br/>100 100 10<br/>100 100 100<br/>100 100 100<br/>100 100 100<br/>100 100 100 100<br/>100 100 100 100<br/>100 100 100 100 100<br/>100 100 100 100 100 100 100 100 100 100</td> <td></td> <td>0.00           0.05           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           1.16         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00</td> <td>0.00         0.16           0.17.00         1.17.00           0.12         1.10.0           0.02         1.10.0           0.02         1.10.0           0.02         1.00.0           0.03         1.00.0           0.04         1.00.0           0.05         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           1.00         1.00.0           1.00         1.00.0           1.01         1.00.0           1.02         1.00.0           1.03         1.00.0           1.04         1.00.0           1.05         1.33</td> <td>0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02276           0         0         0.0354           0         0         0.02276           0         0         0.02195           0         0         0.02195           0         0.0017669         0           0         0.25162286         0           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02052           0         0         0.02053           0         0         0.02054           0         0         0.02053           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013</td>                          | Pb2n           Call           Gut           Al           Pb2n           Cu           Al           Pb2n           Al           Na           Agen           Sand           Agen           Cu           Ma           Agen           Cu           Ma           Call           Fe           Sond           Sand           Cu           Cu |  | 5.693221381      | 1909 130<br>1909 130<br>100 10<br>100 100 10<br>100 100 100<br>100 100 100<br>100 100 100<br>100 100 100 100<br>100 100 100 100<br>100 100 100 100 100<br>100 100 100 100 100 100 100 100 100 100      |                | 0.00           0.05           17.00           0.02           0.04           0.00           0.02           0.01           0.02           0.03           0.04           0.00           0.02           0.00          
0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00           1.16         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00   | 0.00         0.16           0.17.00         1.17.00           0.12         1.10.0           0.02         1.10.0           0.02         1.10.0           0.02         1.00.0           0.03         1.00.0           0.04         1.00.0           0.05         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           0.00         1.00.0           1.00         1.00.0           1.00         1.00.0           1.01         1.00.0           1.02         1.00.0           1.03         1.00.0           1.04         1.00.0           1.05         1.33  | 0         0         0           0         0.258/02286         0           16.9994675         0         0           0         0         0.02276           0         0         0.0354           0         0         0.02276           0         0         0.02195           0         0         0.02195           0         0.0017669         0           0         0.25162286         0           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055           0         0         0.02055    
      0         0         0.02055           0         0         0.02052           0         0         0.02053           0         0         0.02054           0         0         0.02053           0         0         0         0.0013           0         0         0         0.0013           0         0         0         0.0013                                    |
| 2         6.60         1         Mara, Peru Marsa Moning Corpi           2         6.65         1         Relowark, Monitenegro           1         6.05         1         Relowark, Monitenegro           1         1200         1         Relowark, Monitenegro           1         1200         1         Relowark, Monitenegro           1         1200         1         Relowark, Monitenegro           1         0.00         1         Relowark, Monitenegro, E.C. adukt (Cominto, Inc)           1         0.00         1         Marchawark, Karland, K.C. adukt, Camina           2         0.01         1         Marchawark, Karland, K.C. adukt, Camina           2         0.02         1         Marchawark, Karland, Karland, Karland           2         0.02         1         Barver Gold Mare, Hirton Soch, Camina           3         0.00         1         Barver Gold Mare, Hirton Soch, Camina           4         0.00         1         Barver Gold Mare, Hirton Soch, Camina           4         0.00         1         Barver Gold Mare, Hirton Soch, Camina           4         0.00         1         Barver Gold Mare, Hirton Soch, Camina           4         0.00         1         Barver Gold Mare, Hirton S  
   | All         Second           PE20         PE20           PE20         PE20           AL         PE20           AL<  
   | E           Aah           Compactes           Aah           E           E           E           E           E           E           E           E           E           E           E           E           Address           Adjuit           E           Adjuit           E           Adjuit           E           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F           F           F           F           F           F     
     F           F           F           F           F           F           F           F           F           F           F           F           F           F  | 440  
   | A           B           A           B   | OT           ER           FR           ST           ST | 1           1283           1283           1284           1292           127           1282           129           129           129           129           120           120           120           120           121           1280           121           1280           121           1280           124           1280           124           1280           124           1280           124           1280           124           1280           1240           1241           1281           1282           1283           1284           1285           1286           1287           1288           1288           1288           1288           1288           1288           1288           1288           1288           1288  
   | 1999         Number 2           Number 2         Number 2           2.200421         Number 2           2.200421         Number 2           2.200421         Number 2           4.20041         Number 2   |  
   | 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                        | ADA           ADA           ADA           ADA           APAR           APAR <td>and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints</td> <td>PCD       VAS       VAS   <!--</td--><td>PB2n           Call           Call           Al           PD2n           Call           Au           U           Na           Ag PD           Ma           Ag PD           Ma           Ag PD           Ma           Ma           D           Lineatore           Call           So           P           So           P           So           P           So           P           So           P           So           Call           Call           Call           Call           Call           Call</td><td></td><td>5.693221381          </td><td>1999 130<br/>1999 130<br/>1996 130<br/>1996 130<br/>1996 335<br/>1986 3.5<br/>1986 3</td><td>Pr</td><td>0.00           0.05           0.02           0.02           0.04           0.02           0.10           0.21           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.02           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00<td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26852286         0         0           0         0         0.02256         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0</td></td></td>   | and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints  
   | PCD       VAS       VAS </td <td>PB2n           Call           Call           Al           PD2n           Call           Au           U           Na           Ag PD           Ma           Ag PD           Ma           Ag PD           Ma           Ma           D           Lineatore           Call           So           P           So           P           So           P           So           P           So           P           So           Call           Call           Call           Call           Call           Call</td> <td></td> <td>5.693221381          </td> <td>1999 130<br/>1999 130<br/>1996 130<br/>1996 130<br/>1996 335<br/>1986 3.5<br/>1986 3</td> <td>Pr</td> <td>0.00           0.05           0.02           0.02           0.04           0.02           0.10           0.21           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.02           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00<td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26852286         0         0           0         0         0.02256         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0</td></td>  | PB2n           Call           Call           Al           PD2n           Call           Au           U           Na           Ag PD           Ma           Ag PD           Ma           Ag PD           Ma           Ma           D           Lineatore           Call           So           P           So           P           So           P           So           P           So           P           So           Call           Call           Call           Call           Call           Call                                |  | 5.693221381      | 1999 130<br>1999 130<br>1996 130<br>1996 130<br>1996 335<br>1986 3.5<br>1986 3   | Pr             | 0.00          
0.05           0.02           0.02           0.04           0.02           0.10           0.21           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             | 0.00         0.26           0.26         0.27           0.02         0.00           0.00         0.00           0.01         0.02           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.00 <td>0         0         0           0         0.258/02226         0           16.9994675         0         0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26852286         0         0           0         0         0.02256         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0</td>                               | 0         0         0           0         0.258/02226         0           16.9994675         0 
       0           0         0         0.02354           0         0         0.02354           0         0         0.02354           0         0         0.02155           0         0         0.02176469         0           0         0.26852286         0         0           0         0         0.02256         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0           0         0         0         0.02266           0         0         0         0.02266           0         0         0                     |
| 1         4         4.00         1         Mara, Peru Maras Moning Corp)           1         4.00         1         Collovari, Monthengio           1         1.20         0.24         1         Collovari, Monthengio           1         1.20         1.2         1.20         1.20         1.20           1         1.20         1.20         1.20         1.20         Tabus Bengert, No.2 Tabings Pond, Lason, Philopones - Padoi (Philae)           1         1.20         1.20         1.20         Nature Statisty, Exclusing, Excl   
   | AB         PR2A           PR2A         PR2A           PR2A         PR2A           AL         PR2A           AL <td>E           Aah           Compactes           Aah           E           E           E           E           E           E           E           E           E           E           E           E           Address           Adjuit           E           Adjuit           E           Adjuit           E           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F</td> <td>440        </td> <td>A           B           A           B</td> <td>OT           ER           FR           ST           ST</td> <td>1933           194         1933           194         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1950           111         1950           112         1950           114         1959           115         1959           114         1959           115         1958           124         1958           125         1958           126         1958           127         1958           128         1957           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           <t< td=""><td>1999         Number 2           Number 2         Number 2           2.200421         Number 2           2.200421         Number 2           2.200421         Number 2           4.20041         Number 2</td><td></td><td>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20</td><td>ADA           ADA           ADA           ADA           APAR           APAR     <td>and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints</td><td>PCD       VAS       VAS   <!--</td--><td>Pip2n<br/>Call<br/>Gui<br/>Al<br/>Pip2n<br/>Cui<br/>Au<br/>U<br/>U<br/>San<br/>Ag Po<br/>San<br/>Au<br/>U<br/>San<br/>Cui<br/>U<br/>Hentore<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui</td><td>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170</td><td>5.693221381          </td><td>1999 130<br/>1999 130<br/>1999 130<br/>1997 130<br/>1997 140<br/>1997 1</td><td>Pr</td><td>0.00           0.05           0.02           0.04           0.02           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.01</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         1.17.00           0.12         1.17.00           0.02         1.10.00           0.02         1.10.00           0.02         1.10.00           0.03         1.10.00           0.04         1.10.00           0.00         1.10.00     <td>0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226    
      0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0</td></td></td></td></t<></td>   | E           Aah           Compactes           Aah           E           E           E           E           E           E           E           E           E           E           E           E           Address           Adjuit           E           Adjuit           E           Adjuit           E           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F           Adjuit           F  | 440  
   | A           B           A           B   | OT           ER           FR           ST           ST | 1933           194         1933           194         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1952           197         1950           111         1950           112         1950           114         1959           115         1959           114         1959           115         1958           124         1958           125         1958           126         1958           127         1958           128         1957           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958           129         1958 <t< td=""><td>1999         Number 2           Number 2         Number 2           2.200421         Number 2           2.200421         Number 2           2.200421         Number 2           4.20041         Number 2</td><td></td><td>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20<br/>20</td><td>ADA           ADA           ADA           ADA           APAR           APAR     <td>and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints</td><td>PCD       VAS       VAS   <!--</td--><td>Pip2n<br/>Call<br/>Gui<br/>Al<br/>Pip2n<br/>Cui<br/>Au<br/>U<br/>U<br/>San<br/>Ag
Po<br/>San<br/>Au<br/>U<br/>San<br/>Cui<br/>U<br/>Hentore<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui</td><td>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170</td><td>5.693221381          </td><td>1999 130<br/>1999 130<br/>1999 130<br/>1997 130<br/>1997 140<br/>1997 1</td><td>Pr</td><td>0.00           0.05           0.02           0.04           0.02           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.01</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         1.17.00           0.12         1.17.00           0.02         1.10.00           0.02         1.10.00           0.02         1.10.00           0.03         1.10.00           0.04         1.10.00           0.00         1.10.00     <td>0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0</td></td></td></td></t<>  | 1999         Number 2           Number 2         Number 2           2.200421         Number 2           2.200421         Number 2           2.200421         Number 2           4.20041         Number 2   |  | 20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                        | ADA           ADA           ADA           ADA           APAR           APAR <td>and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints</td> <td>PCD       VAS       VAS   <!--</td--><td>Pip2n<br/>Call<br/>Gui<br/>Al<br/>Pip2n<br/>Cui<br/>Au<br/>U<br/>U<br/>San<br/>Ag Po<br/>San<br/>Au<br/>U<br/>San<br/>Cui<br/>U<br/>Hentore<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui</td><td>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170</td><td>5.693221381          </td><td>1999 130<br/>1999 130<br/>1999 130<br/>1997 130<br/>1997 140<br/>1997 1</td><td>Pr</td><td>0.00           0.05           0.02           0.04           0.02           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.00           0.00           0.00           0.00      
    0.00           0.01</td><td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td><td>0.00         0.00           0.00         0.00</td><td>0.00         0.16           0.17.00         1.17.00           0.12         1.17.00           0.02         1.10.00           0.02         1.10.00           0.02         1.10.00           0.03         1.10.00           0.04         1.10.00           0.00         1.10.00     <td>0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0</td></td></td>  | and constraints         Second constraints           a field on constraints         Second constraints           b field on constraints         Second constraints           c field on constraints         Second constraints           c field constraints         Second constraints  
   | PCD       VAS       VAS </td <td>Pip2n<br/>Call<br/>Gui<br/>Al<br/>Pip2n<br/>Cui<br/>Au<br/>U<br/>U<br/>San<br/>Ag Po<br/>San<br/>Au<br/>U<br/>San<br/>Cui<br/>U<br/>Hentore<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui<br/>Cui</td> <td>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170<br/>170</td> <td>5.693221381          </td> <td>1999 130<br/>1999 130<br/>1999 130<br/>1997 130<br/>1997 140<br/>1997 1</td> <td>Pr</td> <td>0.00           0.05           0.02           0.04           0.02           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.01</td> <td>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.00<br/>0.0</td> <td>0.00         0.00           0.00         0.00</td> <td>0.00         0.16           0.17.00         1.17.00           0.12         1.17.00           0.02         1.10.00           0.02         1.10.00           0.02         1.10.00           0.03         1.10.00           0.04         1.10.00           0.00         1.10.00     <td>0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0</td></td>   | Pip2n<br>Call<br>Gui<br>Al<br>Pip2n<br>Cui<br>Au<br>U<br>U<br>San<br>Ag Po<br>San<br>Au<br>U<br>San<br>Cui<br>U<br>Hentore<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui<br>Cui  | 170<br>170<br>170<br>170<br>170<br>170<br>170<br>170 | 5.693221381      | 1999 130<br>1999 130<br>1999 130<br>1997 130<br>1997 140<br>1997 1   | Pr             | 0.00           0.05           0.02           0.04           0.02           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.02           0.03           0.04           0.05           0.06           0.07           0.08           0.09           0.00           0.01  
   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0  | 0.00         0.00             | 0.00         0.16           0.17.00         1.17.00           0.12         1.17.00           0.02         1.10.00           0.02         1.10.00           0.02         1.10.00           0.03         1.10.00           0.04         1.10.00           0.00         1.10.00 <td>0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0</td> | 0         0         0           0         0.2542226         0           15.9995457         0         0           0         0         0.0226           0         0         0.0354           0         0         0.0227           0         0         0.0228           0         0         0.0225           0         0.0017666         0           0         0.2582226         0           0         0         0.0225           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0226           0         0         0         0.0025           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0   |

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4	Texasguif 4B Pond, Beaufort, Co., North Carolina, USA     O.00     Mirolubovka, Southern Ukraine	P WR T Fe US E&T	8	12,300,000 2 A Si 80,000,000 2 A Si		1984 Apr/84 1984 15/Jan/84		KCOLD bulletin 121 p 111	slip " sold to be caused by locampatibility between real and design values for shear characteristics of foundation soll" cured. Stabilized by toe weighting with rockfil.			Fe			0.00	0.00	0.00 0.00	0	0 0
3	0.00 1 Battle Mt. Gold, Nevada,	Au DS E		1,540,000 2 A SI		1984 1984		KOKD				ermiculite			0.00	0.00	0.00 0.00	0	0 0
3		Vermiculite WR E		1 A ST		1984 1984		ICOLD		Vein		Ag Pb		1881	0.00	0.00	0.00 0.00	0	0 0
3		Ag Pb CL T Au CL CST	_	215,000 2 A ST 3 U U		1983 2/Jun/83 1983 5/Jan/83	664	KCOLD Bulletn 121 p 120	Alse Juli down in 1984 9 pre existing underschel interruption in the impermedale layer: discovered through nonthering & repaired.Discovered in 1980, production ceased in 1980, mine started as upon pit in 1982, earlier Langelphild Interesting	Vein		Au 65 Au	1.9 1.523977734	1982 1.5	0.00	0.00	0.00 0.00	0	
3	0.00 u Grey Eagle, California, USA	Au DS E		3 U U		1983 1983	100	KCKD Bulletin121 p126	pumpyram cennes up higher cynalde effuent concertrations than expected overwhelmed system 3 mos after start up had reached 400gpm			Cu			0.00	0.00	0.00 0.00	0	0 0
3		Cu		1 B OT		1983 1983		ICOLD	then follows draw to allow and Proportitions on characterials. Welfacement involution of anticidated land as to 15 m biots for of all discharacter reported in this near (Ah in 1922) roles are characteria. Physical Science (Ah in 1922) roles are characteria.	PCD			0.05 0.513104677	1957 ~100 Py	6.13	0.00	0.00 6.13	6.125662	
1	6.13 1 Sipalay, Philippines, No.3 Tailings Pond (Maricalum Mining Corp)     0.00 1 Royster, Florida, USA	Cu WR MW Gypsum US T	21	37,000,000 1 A FN 1 A FN		1982 8/Nov/82 1982 1982	11,618,257	ICOLD, WISE, Piplinks	dam biken, due to slipper of boothstom en clayer sole. Welengemed hundeton of agricultural land up to 13 m high; bit of 4 discharges reported in this area (4b in 1995); mine reactioned by Pales in 10% and decommissioned in 2003 alter which taking direct up counting a dest problem as the solem from due	Strat		Gypsum Coal			0.00	0.00	0.00 0.00	0	0 0
2	0.12 1 Ages, Harlan County, Kentucky, USA	Coal		1 A U		1981 18/Dec/81	96,000 1	WISE	SG given av vicibly affected nanost	Vein		Au 0.087		1936 Py Ga	0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Dixie Mine, Colorado, USA	Au				1981 Apr/81		KOND	Ceased operations in 1854			Fe			1.85	0.03	0.00 1.88	1.878689	
1	1.88 1 Balka Chuficheva, Russia 0.00 1 Texasguif No. 1 Pond, Beaufort Co., North Carolina, USA	Fe         US         CST           P         WR         E	_	27,000,000 1 A Si 24,700,000 2 A Si	211 123	1981 20/Jan/81 1981 1981	3,500,000 1	ICOLD, WISE		Strat		P			0.00	0.00	0.00 0.00	0	0 0
3	0.00 1 Veta de Aqua A	Cu		1 A EQ		1981 1981		KOKD				Cu			0.00		0.00 0.00	0	
3		Cu		1 A EQ.	177	1981 1981		ICOLD											
1	San Nicolas Cajmarca Peru     San Nicolas Cajmarca Peru     1.26 1 Tyrone, New Mexico (Phelps Dodge)	Cu US CST	66	2,500,000 1 A SI	94	1980 1980 13/Oct/80	2,000,000 8	GI(21)	CONTAMINACIÓN DEL RIO TINGO Y DAÑOS EN LA AGRICULTURA	PCD Strat		Cu 1300 0.53 Sand	0.53	1967 100 Py	1.05	0.21	0.00 1.26	1.259617	
3	1 Sweeney Tailings Dam, Longmont, Colorado, USA	Sand	7	1 A SE		1980 May/80		ICOLD		PCD		Cu 12000 1	1	580 Py	0.00	0.00	0.00 0.00	0	
3	Marga, Sewell, Vi Region, Rancagua, Chile - El Teniente (Codelco)     Arena, Sewell, Vi Region, Rancagua, Chile - El Teniente (Codelco)	0. 0.		1 B OT		1980 Jun/05		Wilavicencio	Brong rains and eventlow frong rains and eventlow	PCD	_	Cu 12000 1 Kyanite	1	580 Py	0.00	0.00	0.00 0.00	0	0 0
3		Kyanite	11	430,000 2 A OT	67	1980 1980		KOLD				Cu			0.00	0.00	0.00 0.00	0	0 0
3	0.02 1 Churchill Copper, BC	Cu		1 A SE		1979 1/Dec/79	37,854	Mt Poliey Expert Panel 2015, App. I	Respays and point with mission of 10,000,000 patient of superstant. Mined Cloud in 1882, basic unface remediation and tallings pumped into undergorund mine, high nadium levels proximal to and on site; DPA program in progress 110 km nunout accrited by rico not			U		1967 3 U	0.20	0.00	0.00 0.20	0	
2	0.20     1     Churchrock, New Mexico, United Nuclear     Union Carbide, Uravan, Colorado, USA	U WR E		370,000 1 A FN 2 A Si	173	1979 16/Jul/79 1979 Mar/79	370,000	ICOLD, Wikipedia, Rico	Whited Goale is 1982; basic suffice remediation and tailings pumped into undergorund mine; high radium investi proximal to and on site; IPA program in progress 130 km nutout accrited by riso not constant with nelease			0			0.00	0.00	0.00 0.00	0	0 0
3		0 00 1		1 A FN		1979 1979	40,000	WISE	Figing is the sand beach of the tailings dam	Strat		Dil Sands			0.02	0.00	0.00 0.02	0	0 0.02109
	0.00 1 Suncor E-W Dike, Alberta, Canada	Oil Sands WR MW	_	2 A 51	118	1979 1979		ICOLD			_	U			0.00	0.00	0.00 0.00	0	0 0
4		U         WR         E           Au         US         T	9 25	3 U U 1.7-2.0 Mt 1 A OT		1979 1979 1978 31/Jan/78	39,000 0 1	ICOLD Bulletin 121 p134	lood butress installed at docure/bladcoment to prevent seepage.not clear whether there was a seepage problem before			Au		Asp, Py	0.02	0.01	0.07 0.10	0	0.099683417 0
3		Au DS	24	225,000 2 B EQ.		1978 14/Jan/78		KOLD			_	Au		1960	0.00	0.00	0.00 0.00	0	0 0
2	1 Mochikoshi Dike No 1 ( of 3), Sagami Bay Nr Izu Japan (2 of 2)	Au US 14		476,000 1 A EQ		1978 14-Jan-78	80,000 8 1	ICOLD, okusa-anma 1979(28),Rico	Indeptional and an entropy and an entropy and an entropy of the set of the se			Au			0.00	0.00	0.00 0.01	0	0
3	Mochikoshi Dike No 2 ( of 3),Sagami Bay Nr Izu Japan (2 of 2)     Mochikoshi Dike No 3(of 3), Sagami Bay Nr IzuJapan (2 of 2)	Au US T	19	1 A EQ 1 A EQ		1978 14-Jan-78 1978 14-Jan-78	3,000 0	100LD, okusa-anma 1979(28)	engeled after #1 3 was a new consticted starter dam			Au			0.00	0.00	0.00 0.00	0	0.003846154 0
3	0.00 1 Hirayama, Japan	Au DS	9	87,000 2 B EQ		1978 15-Jan-78		ICOLD, OKUSA-Anma 1979(28) ICOLD; Okusa et. al Liquefaction of Mine Tailings in the 197 Ita-Oshima-Kinkai Earthquake,	8	Strat		Dil Sands			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Syncrude, Alberta, Canada	Oil Sands CL T		2 A FN 1 A OT		1978 1978		(COLD				Pb		1059	0.00	0.00	0.00 0.00	0	0 0
3	0.00         1         Madison, Missouri, USA           0.02         1         Grants, Milan, New Mexico, USA mill site (Homestake Mining)	Pb WR E U US T	-	1 A OT 1 A ST		1977 28/Feb/77 1977 Feb/77	30,000	KOLD KOLD, WISE	Dam fallure, dar to napture of plagged skery pipeline; mil decommissioned in 1993	n.a. Strat		U U		1958 U	0.02	0.00	0.00 0.02	0	0 0.01582
3	0.00 1 Western Nuclear, Jeffrey City, Wyoming, USA #2	U			180	1977 1977	40	KOLD				REE			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Pit No. 2, Western 0.00 1 Unidentified, Hernando, County, Florida, USA	REE US T		1 A SI 2 A FN		1977 1977 1977 1977		ICOLD		Strat		U			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Kerr-McGee, Churchrock, New Mexico, USA	U WR E		1 A FN		1977 Apr/76		ICOLD				Pb Zn			0.00	0.00	0.00 0.00	0	0 0
2			25			1976 Mar/76	300,000	ICOLD, WISE p42	dam failure, due to high phreatic surface and seepage breakout on the embanisment face. Tailings flow reached and polluted nearby river			Fe			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Dashihe, China 0.00 1 Unidentified, idaho, USA	Fe         US           P         DS         E	37	2 A EQ. 2 A SI		1976 1976 1976 1976		ICOLD ICOLD		Strat		P Barite			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Cadet No. 2, Montana,	Barite CL E		2 A SI		1975 Sep/75		KOLD			_	Au Ag			0.00	0.00	0.00 0.00	0	0 0.02538
3		Au Ag		1 A U		1975 Jun/75	48,133 0	22946	"Tailings flow slide poliuted nearly 100 miles (160 km) of the Animas niver and its tributaties; severe property damager, no injuries "			Pb Zn			0.13	0.51	0.00 0.64	0	0.644631656 0
2	0.64 1 Madjarevo, Bulgaria     0.00 1 Carr Fork, Utah, USA (Anaconda)	Pb Zn US T Cu Au	40	3,000,000 1 A ST		1975 Apr/75 1975 Feb/75	250,000 20	KOLD	Adjucent to Bingham Canyon open pit; underground mine operated form 1979-1982 and re-operaed in 1984	Skarn Vein		Cu Au 127 2.42 Pb Zn	1.12 3.318344769	1979 Py Py, En, Ga	0.00	0.00	0.00 0.00	0	0 0
2	0.08 1 Mike Horse, Montana, USA (Asarco)	PbZn US T	-	750,000 1 B OT		1975 1975	150,000	KCKD				Barite			0.08	0.00	0.00 0.08	0	0 0
	0.00 1 Dresser No. 4, Montana,	Barite CL E	15			1975 1975		ICOLD				Mo			0.00	0.00	0.00 0.00	0	
	0.00 1 Keystone Mine, Crested Butte, Colorado, USA 0.00 1 Heath Steele main dam, Brunswick, Canada (American Metals)	Mo PbZn WR R,E	30	1 B U 2 A FN		1975 1975 1975 1975		KOND		VMS Strat		Pb Zn 40 1.11	0.93 5.022480413	1956 PY Ga	0.00	0.00	0.00 0.00	0	0 0
	0.00 1 PCS Rocanville, Saskatchewan, Canada	K US T	12	3 U U	92	1975 1975		ICOLD		Strat		Trona			0.00	0.00	0.00 0.00	0	0 0
1	0.00 Unidentified, Green River, Wyoming, USA	Trona WR E Pt US T				1975 1975		ICOLD ICOLD, WISE, Rico, Blight Fourie 2004	tools.coods.combook/16+mDas/PQ1 YC&o+PA30360+PA30360+PA30360+Bafelano+tailnos&soura+tideds+os/VPC6858ais-2thab00mo/T0.Ma4es550C09U8h1+m&s=X8eed	Magmatic		Pt			6.85	1.15	0.93 8.94	8.936597	
1	8.94         1         Bafokeng, South Africa, MorenskyTailings dam (2nd occurrence)           0.00         1         Golden Gilpin Mine, Colorado, USA	Au	20			1974 11/Nov/74 1974 Nov/74	13,000,000 45 13	ICOLD	ania annia ambaia (demDarba). TClar PANMar PANMar Bakary taitas anna silain - gCPECER an Anton a' Chair an Soci ai Martin ann an Anna Anna Anna Anna Anna Anna		_	Au Mica			0.00	0.00	0.00 0.00	0	0 0.0208
3	0.02 1 Deneen Mica Yancey County, North Carolina, USA	Mica US CST		300,000 1 A Si		1974 jun/74	38,000 0	KOLD				Ag			0.00	0.00	0.00 0.00	0	
3	0.00         1         Silver King, Idaho, USA           0.02         1         Galena Mine, Idaho, USA #2 of 2 (ASARCO)	Ag DS E Ag Pb US MW	9	37,000 1 A OT		1974 16/Jan/74 1974 15/Jan/74	6,000 3,800 1	ICOLD, Rico		Strat		Ag Pb Ag Pb			0.00	0.02	0.00 0.02	0	0 0.01764
	0.00 1 Berrien, France	-	9			1974 1974		KOLD				Dil Sands			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 GCOS, Alberta, Canada	Oil Sands US T		2 A SI		1974 1974		KOLD				Gypsum			0.00	0.00	0.00 0.00	0	0 0
	0.00     1     Unidentified, Mississippi, USA #2     0.00     1     Unidentified, Canaca, Mexico	Gypsum US T		2 A FN 1 A OT		1974 1974 1974 1974		KCOLD		PCD		Cu 3200 0.49	0.67	1911 32 Py	0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Ray Mine, Arizona, USA inc #2 (Kennecott)	Cu US T	52	2 A SI		1973 5/Feb/73		KCKD Bulletin121 p112	2nd occurrence[12/1]/712[instability observed in same section of earlier failure due to "perched seepage conditions along a simes layer"			Pt			0.02		0.00 #VALUE!		#VALUE!
3	1 Bafokeng, South Africa, MorenskyTailings dam, #1 of 2     0.73 1 (unidentified), Southwestern USA	Pt         US         T           Cu         US         E		1 A 500,000 1 A 51	160	1973 1973 1973	40,00004 170,000 25	Oldcop-Rodriguez 2006	esched an righthiam 40 m tran toe of dam jet 6 degrees cayse unknowe hoted an "Southwestern US" in WSG			Cu	$  -   - \overline{ }$		0.09	0.64	0.00 0.73	0	0.730657218 0
2	0./3 1 (undertified), SouthWestern USA 1 Earth Resources, N M,	Cu US T	-	1 A OT		1973 1973 1973 1973	23	KCOLD		PCD		Cu 3200 0.49	0.67	1911 30 Py	0.00	0.00	0.00 0.00	0	0 0
	1 Ray Mine, Arizona, USA	Cu US T		1 A 5/	100	1972 2/Dec/72		KOLD	arti londrito film film nati na drin Ta Fas bian da tri tri barbani seconda (6.17 a Antos V) ********										
2	Brunita,Spain,Caragena, Spain (SMM Penaroya)     10.84     Buffalo Creek, West Virginia, USA (Pittson Coal Co.)	Zn, Pb, Cu US MW Coal	25		Table 1	1972 20/Oct/72 1972 26/Feb/72		Pacheco (2004) (20),Matin-Crespo et. Al.2017 (25),WISE ICOLD, WISE, Rico,Blight Fourie 2004	nich Caperhalton fahrer fehreig neuer dage of nich The fees habene das to tatic Laperhalton nacional de 1815 en Octaber 20, 1922, 2020 and stating waves relaxed, affected the national highway Portraue-Critegres a Using the electricity augus, fuelphone communications, the triat triate herene Critegres a Using of the electronic and demonstrated the communications. The triat triate herene Critegres a Using the electronic and demonstrate the communication and triate triate and triate the national highway Tailling transiend 27 Im desentrates, D2 popel locit their lives, 2000 news were destroyed. Progenty and highway damage resceeded 556 million	Strat		Coal Ag Pb			0.26	0.00	8.93 10.84 0.00 0.00	10.84347	
P	1 Galena Mine, Idaho, USA #1 of 2 (ASARCO)	Ag Pb US E	14	2 A ER	48	1972 1972		KOND							0.00	0.00	0.00	U	
1	Atacocha, Peru     Atacocha, Peru     Cities Service, Fort Meade, Florida, phosphate     Cities Service, Fort Meade, Florida, phosphate	P		1 B 1 A U		1971 1971 3/Dec/71	9,000,000 120	Gi(23) W(SE, Rico	CONTAMINACIÓN DEL RIO HUALLAGA Y DAÑOS A INFRAESTRUCTURA VIAL (100,000 TON DE RELAVES)	Strat		P			4.75	3.08	0.00 7.82	7.822124	
1		Au	25	1 A U		1971 3/Dec/71 1971 30/Oct/71			42 years since the Certity gold mine dam failure, Mining Watch Romania, October 20, 2004; Certaj 3971 forgottem tragedy of 89 Rows buried under 200 thousand cubic meters of mud, Adevalue, October 24, 2000	Vein-Strat		Аи Нg 1.1		1940	0.16	0.00	6.36 6.52 0.00 0.00	6.515316	
	1 Pinchi Lake, BC, Canada	Hg WR E		2 A ER	95	1971 1971		KOLD											
2	1 Ticapampa, Allanza, Peru Chungar Peru		20	1 B EQ		1971 xx/Mar/71		Pacheco pebblescience.org/pdft/Tailings_dam.pdf	3 deaths minen deaths clied without a sumber used average for deaths(AV335) for magnitude score	Strat	+	U			0.00	0.00	0.00	0	0 0
2	Chungar veru     Western Nuclear, Jeffrey City, Wyoming, USA	U		1 A ST				100LD		Strat		Cu 612 3	3	1967 50	0.00	0.00	0.00 0.00 6.36 6.39		
1	6.39 1 Mufulira, Zambia (Roan Consolidated Mines)	Cu	50			1970 Sep/70		ICOLD, WISE, Blight Fourie 2004	Saturated slime ballings deposited in a TSF 48 over subsidence feature flowed into an underground mine killing 69 miners.	Strat	_	Clay			0.01	0.00	0.00 0.01	0	0 0.00791
3	0.01 1 Maggie Pye, United Kingdom, clay 1 Park, United Kingdom	Clay US T Clay WR T		1 A SI 1 A OT		1970 Jan/70 1970 1970	15,000	ICOLD, WISE		Strat Strat		Clay			0.00	0.00	0.00 0.00	0	0 0
	1 Portworthy, United Kingdom	Clay DS R		1 A ST	97			KOLD		Strat	_	Gypsum			0.00	0.00	0.00 0.00	0	0 0
3	Unidentified, Mississippi, USA     Almivirca, Quiruvilca, Peru,#2inc	Gypsum US T				1970 1970		ICOLD		Strat		P							_
3		P	40	1 B EQ 1 A U		1970 1970		ICOLD		Strat		·			0.00	0.00	0.00 0.00	0	0 0
	0.00 1 Buenaventura,Peru					1969		acingenieros.com/descargas/pdfs/Articule 03 Parte 03.pdf				Cu			0.01	0.00	0.00 0.01	0	
3	0.01 1 Phoenix Copper, BC 0.06 1 Bilbao, Spain	Cu US Fe		2 A SE		1969 12-Sep-69 1969 1969	11,356 115,000 0	Mt Polley Expert Panel 2015, App. I	Piping failure occurred 25 years after closure with a release of 9 million gallows of tailings and supervalant.	Correct		Fe P			0.06	0.00	0.00 0.06	0	0.061530562 0
3	0.00 1 Monsanto Dike 15, TN,	P DS E	43			1969 1969		KOLD							0.00	0.00	0.00 0.00	0	0 0
	1 Yauli-Yacu,Peru	us	80	1 B EQ		1968		ICOLD, http://www.acingenieros.com/desi reas/odfs/Articulo_03_Parte_03.odf.	a Table 1 Page 2 brief desription of dam& cause ofFailures in Peru			?			0.00	0.00	0.00 0.00	0	0 0
3	1 Stoney Middleton, UK 0.05 1 Holikaido, Japan	? PbZn US T	12	1 A Si 300,000 1 A EQ.		1968 8/Feb/68 1968 1968	90,000 0	ICOLD ICOLD, WISE, Rico		Strat		Pb Zn P			0.05	0.00	0.00 0.05	0	
3	0.00 1 Agrico Chemical, Florida, USA	P		1 A U	1	1968 1968		KOLD		Strat		ĸ			0.00	0.00	0.00 0.00	0	
	1 IMC K-2, Saskatchewan, Canada	K US T	30	3 U U			4 (20 000	KCRED			_				2.43	0.00	1.29 3.71	3.711039	319 0 0
1	3.71 u Winy Tailings Dam, Poland     0.01 2 Climax, Colorado, USA - Mill (Climax Molybdenum Co)	Mo		2 A MS 1 A U		1967 13-Dec-67 1967 2/Jul/67	4,600,000 18 12,000	ICOLD bulletin 121	uisk hole saved by blasting fewstering of underground mine too close to danr, dam sked over an unidentified deep fracture Mill decommusioned in 1970	Strat	_	P			0.01	0.00	0.00 0.01	0	
1	1.05 1 Mobil Chemical, Fort Meade, Florida, phosphate	P		1 A U	83	1967 Mar/67	2,000,000	ICOLD, WISE	250,000 m3 of phosphatic day silmes, 1.8 million m3 of water. Spill resches Peace River, 5sh kill reported	Strat	_	Coal			0.00	0.00	0.00 0.00	1.054489	0 0
	Unidentified, United Kingdom     Unidentified, United Kingdom #2	Coal DS	20	1 A SI				KCRED KCRED		Strat	_	Coal			0.00	0.00	0.00 0.00	0	
	1 Unidentified, United Kingdom #3	Coal DS MW	14	2 A Si	140	±30/ 196/		( second		strat		Sand			0.00	0.00	0.00 0.00	0	0 0

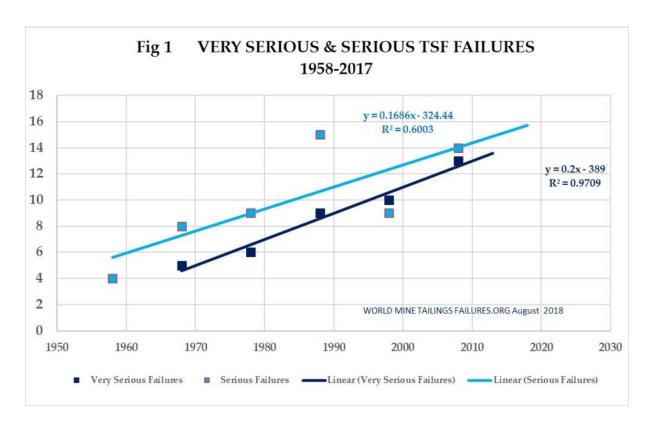
															1					
	Unidentified, United Kingdom #2 Aberfan, South Wales Colliery	Sand DS E 30	-	2 A SE	146	_	57	20 144	ICOLD anget & Fourie, 2006; Wess; Wildordiahtts://www.nuff.cx.ac.uk/odifics/aberfan/ho	Stratt Cashtp leaster nod, pilej fallum. Winter dumped over spolng on hillede above village in Tips; a Tip failed in 1999 burying a nauk, Tip 4 failed in 1994, Tip 7 failed in 1996 and sild nos village WISE faa it		Toal	1869			0.09	0.00	10.29 10.33		37112791 0 0
3 0.04 3	Geising/Erzgebirge, German Democratic Republic VEB Zinnerz	tin	230,000	1 0			1956 70,0		Webser	eroneourly as ligerfaction failure of dam		b Zn				0.04	0.00	0.00 0.04		0 0 0.03691
	Mir Mine, (Placalnica) Sgorigrad, Bulgaria	Pb Zn US T		1 A U	81				ICOLD, WISE/Wood(21)/Stava Foundation (22)	offiper of stream deviations second located under the Tarlisheducial safety dam. Tailing seams the two shale is the the shale of stream and stream of the Stream and the stream of the s		Coal				0.00	0.00	0.00 0.00		0 0 0
1	Williamthorpe, UK	Coal MW		1 A OT	183	1966 24/M	ar/66		KOLD	Strat	Gyj	psum				0.07	0.00	0.00 0.07		0 0.068541794 0
	Unidentified, Texas, USA	Gypsum US T 16		1 A SE			56 130,0		ICOLD, WISE	Strat		psum				0.04	0.01	0.00 0.05	5	0 0 0.05251
	Gypsum Tallings Dam (Texas, USA)	Gypsum UP 11		1 A SE				0 0	Rico, WISE	Summary of Research on Analyses of Riow Failures of Mine Tailings Impoundments, J. K. Jeppalan, J. M. Duncan, and H. & Seed		Ioal				0.02	0.00	0.00 0.02		0 0 0.01838
	Derbyshire, United Kingdom Williamthorpe, UK #2	Coal DS 8		1 B FN	38		56 30,0 56	0 0	ICOLD	Strat Strat		Coal				0.00	0.00	0.00 0.00		0 0 0
	Tymawr, United Kindom Inc#2 ( see 1961)	Coal 25	-		125			1	KOLD Bulletin 121 P137, WISE	collery water on a valley tide at an elevation of HT Mantte		Cu 580 1.1	1.1 19th c	20	Py	0.00	0.02	0.00 0.02		0 0 0.01877 59517128 0 0
	El Cobre Old Dam	Cu US T 35							ICOLD Bulletin 121 P109, WISE, Rico	old dam had water cover (new dam, undamged, ddm't) HT Mante		Cu 580 1.1			Py	0.18	0.31	0.00 0.49		0 0.492227908 0
	El Cobre New Dam	Cu DS CST 19		1 A EQ			ar/65 350,0		ICOLD, WISE , Blight Fourie 2004	pipeline. The downlope bund overtopped and		Cu				0.02	0.13	0.00 0.15		0 0 0.14666
	La Patagua New Dam, Chile (La Patagua - private)	Cu US T 15		1 A EQ	L 69	1965 28/M	ar/65 35,0	00 5	ICOLD, Rico	breached, releasing tailings that, flowed down to		Cu				0.01	0.13	0.00 0.14		0 0 0.13928
	Los Maquis No. 3	Cu US 15			71				KOLD, Rico	in elevation of Sim near the Rhanda Siver. HT Manto	anto	Cu 580 1.1	1.1 19th c	20	Ру	0.04	0.02	0.00 0.06	5	0 0 0.05742
	Bellavista, Chile	Cu US T 20		1 A EQ			ar/65 70,0		KOLD	The talking failure of March 28, 1466, were how in Ligan, Ohio, exemplavite. This accounts for a significant part of the large number of exemplavite in the period of 1060-1073. About half of the failed dams are advantation, and fail were included a spectrap minimum (and the Villacement et al. 2014). The second second and a second second and a second and as second and a second and a second and		Cu				0.00	0.03	0.00 0.03		0 0.02606
	Hierro Viejo, Chile Ramayana No. 1, Chile	Cu         US         T         S           Cu         US         T         S		1 A EQ.				00 1 50	ICOLD	Anna were shandsond, and belf were located at operating mixes, (see Vitaliancino) et al. 2014) The tailors bilance of March 21 (66), were than 1 and 1		Cu estone				0.00	0.00	0.00 0.00		0 0 7.9E-05
	Cerro Blanco de Polpaico, Chile	Limestone WR R 9			1 26			50	ICOLD	dame, were abandoned, and half were lected at operating mines. (see Villacionolo et al. 2014) The tailing failures of March 28, 1965, were from La Ligue, Onlie, earthquake. This accounts for a sightcast part of the large number of earthquakes in the period of 1960-1978. About half of the failed		Cu				0.00	0.00	0.00 0.00		0 0 0 0 0 0
	El Cerrado, Chile	Cu US T 25		2 B EQ					KOLD	dans serv abadosite, and half were located at generize mine. Level Vision/context et al. 2014) The balance biologic biologic data and balance biologic data and balance biologic data and balance biologic biologic data and balance biologic biologic data and balance biologic data and balance biologic data and balance biologic biologic data and balance biologic data and bal		Cu				0.00	0.00	0.00 0.00		0 0 0
1	Los Maquis No. 1	Cu US T 15		2 B EQ					KOLD	The tailing failures of March 28, 1965, were from La Ligua, Chile, earthquarke. This accounts for a siglificant part of the large number of earthquarkes in the period of 1962-1970. About half of the failed		Cu				0.00	0.00	0.00 0.00		0 0 0
1	Sauce No. 1, Chile	Cu US T 6		2 A EQ	104	1965 28/M	ar/65		KOLD	Datis with a backwood, and half were leaders at operating minor. (as in visual monocole et al., 2014) The setting balance with the set of the setting balance with a setting balance wi		Cu				0.00	0.00	0.00 0.00		0 0 0
	Sauce No. 2, Chile	Cu US T 5			105		ar/65		KOLD	The talkg failure of March 28, 1456, were from talkge, Chip, exhipsaine. This accounts for a splitcast part of the large number of exhipsaine in the panels of 1960-1970. Account and of the failed forms were abundoed, and half were located at operating misses. (Iner Vitaliance) of all 2014 The talking failure of March 28, 1456, were form a laikan. Chip exhipsaine in The panels and at the talking failed at the failed talking failed at the talking failure of the failed the talking failure of 1960-1970. Account fail or talking failure number of exhiptions in the sector of 1960-1970. Account fail or the failed		Cu				0.00	0.00	0.00 0.00		0 0 0
	Sauce No. 3, Chile	Cu US S		2 B EQ					ICOLD	Into Earling Example of Match 28, 1966, we we from La Ligal, Chis, attributes. In its accounts to a sugficiant pair of the large number of earlinguases in the period of takes David Accounts. Accounts and the manual david and accounts and takes an		Cu				0.00	0.00	0.00 0.00		0 0 0
	Sauce No. 4, Chile	Cu         US         T         S           Cu         US         T         20		2 B EQ				00 5	ICOLD, WISE, Rico	dams were abadosed, and half were lecated at operating mines. (see Villaviando et al 2014) dam hales due to EQ Strat		Cu				0.04	0.13	0.00 0.17		0 0 0.17302
	Cerro Negro No. (3 of 5) American Cyanamid, Florida #2	P 20	500,000	1 A EQ.					KOLD, WISE, Rico	N/3T		P Cu				0.00	0.00	0.00 0.00		0 0 0
	Cerro Negro No. (1 of 5)	Cu US T 46		2 B EQ			55		KOKD	Cacking five to EQ		Cu				0.00	0.00	0.00 0.00		0 0 0
	Cerro Negro No. (2 of 5)	Cu US T 46		2 B EQ	1 28	1965 19	55		ICOLD	Osoking dae to EQ. HT Mante	anto	Cu 580 1.1	1.1 21st c	22	Ру	0.00	0.00	0.00 0.00		0 0 0
	El Cobre Small Dam - El Soldado (Penarroya)	Cu US T 26			L 46		55		ICOLD			?				0.00	0.00	0.00 0.00		0 0 0
	N'yuka Creek, USSR	? WR E 12		2 A FN			55		KOKD	Strat				-		0.00	0.00	0.00 0.00		0 0 0
	Unidentified, Idaho, USA Castano Viejo, Argentina, Minera Castano Viejo, National Lead Company S.A.	P         DS         E         18           Pb,ZN,Au         wood         T         9		2 A SI 1 A SE		1965 19 1964	55 17,6	0 2	COLD Zabala et. al 2018 (43) ;Rodriguez Pacheco(44)	is contemporteness documentation or images but (trencical) appears to be due to report of decert pipe causing a situation. and isquefaction of tailings 2 deaths reported at several sources but or determinant as a such of the false.		ZN,Au Al	1956	0.074	pb	0.01	0.06	0.00 0.07		
	Alcoa, Texas, USA	Al 19		1 A U			/64	2	COLD	not dear ocurred as a result of the failure		U				0.00	0.00	0.00 0.00		0 0 0
	Utah Construction, Riverton, Wyoming, USA	U 15		2 A OT				00	COLD			u		<u> </u>		0.00	0.00	0.00 0.00		0 0 5.3E-05 39907089 0 0
1 1.74 1	Mines Development, Edgemont, South Dakota, USA	U		1 A U	80	1962 11/Ju	n/62 3,300,0	00	KOLD			Sn				5.99	0.12	12.21 18.32		31718096 0 0
	Huogudu, Yunnan Tin Group Co., Yunnan	Sn US		1 A U			52 11,356,2		Wei	Strat		psum				0.02	0.00	0.00 0.02	2	0 0 0.01996
	American Cyanamid, Florida	Gypsum		1 A U			52 37,8		ICOLD; Beavers 2013.	Approximation and access and access and access systems in access and access and access and access and access a neuron relation and access a neuron relation access and access a neuron relation access and access a neuron relation access and acces		0				0.00	0.00	0.00 0.00		0 0 0.00015
	Almivirca, Quiruvilca, Peru Union Carbide, Maybell, Colorado, USA	40 U		1 EQ 1 A U	135		52 Z c/61	30	* in Bulletin 121	sume sa"valdentafied Strat		U Coal				0.00	0.00	0.00 0.00		0 0 0
	Tymawr, United Kingdon #1	Coal		1 A OT				1	ICOLD Bulletin 121 P 137	Lagoon had been formed in the top of a pile of Strat		Coal				0.00	0.02	0.00 0.02		0 0 0.01649
	Jupille, Belgium	Coal		U U U		1961 19	51	11	Alight & Fourie, 2004	Cause - Ry sub dum faulure due to removal of toe support of dump. 11 deaths, houses destroyed.										
	Luciana Tailings Failure Satanna Spain			1 A 51			-		Fernadez-, 2017) (	tasic liquefaction established 2017 thorugh forencic study	1	Pb				0.00	0.00	0.00 0.00	)	0 0 0.00443
	Lower Indian Creek, MO, USA	Pb US E		2 A SI			50 8,4		KOLD			U				0.32	0.00	0.00 0.32	2	0 0.316346743 0
2 0.32 1 1 1.56 1		U u	1 200 000	1 A OT 1 A EQ	170		g/59 600,0		CCLD wkipedia [34]	the national border into Uzbekitan then into the heavily populated Fergma Valley, exact number of deaths oct given but there were definitely multiple deaths to use the minimum orderin "2" to indicate		u	1946		U	0.32	1.03	0.21 1.56	5 1.556	56273483 0 0
2 1	Mailuu-Suu #7 tailings dam (Kyrgyzstan) Milipo, Peru	US 60	-	1 EQ		1956	6-Apr-58 600,0	40 5	Pacheco,ICOLD	orbania met Wits		Au				0.00	0.00	0.00 0.00	,	0 0 0
	Grootvlei, South Africa	Au US T		1 A SI	54	1956 19	56		KOKD	Strat		P				0.00	0.00	0.00 0.00		0 0 0
	Unidentified, Peace River, Florida, USA 3/52	P WR E 8		1 A 51			/52		10040		PE	B/ZN								
	Casapalca, Minera Del Centro Peru, Huarochiri Province, Peru	PB/ZN US T 60		1 B EQ					Pacheco,ICOLD	averal deaths,										
	Chinchan, yauliyacou Mine, Peru Unidentified, Alfaria River, Florida, USA 2/52	Ag P WR E 8		1 A SI	135		/52		ICOLD	Strat Strat		P P				0.00	0.00	0.00 0.00		0 0 0
	Unidentified, Peace River, Florida, USA 9/51	P WR MW 6		1 A SE					KOLD	Suat Strat		P				0.00	0.00	0.00 0.00		0 0 0 0 0 0
1	Unidentified, Peace River, Florida 7/51	P WR MW 30		1 A SE	166	1951 Juli	51		KOLD	Strat		P				0.58	0.00	0.00 0.58		7996903 0 0
	Unidentified, Peace River, Florida, USA 2/51	P DS E		1 A SE			/51 1,100,0	00	KOLD	VMS	Pİ	b Zn 170	5.693021381 1909		PY	0.08	0.00	0.00 0.08		0 0.079086686 0
	Sullivan Mine, Kimberley, BC, Canada	PbZn US T		1 A SI			48 150,0	00	KOLD	PCD PCD			0.04 0.362083742 1947	25	Ру	0.00	0.00	0.00 0.00		0 0 0.00256
	Castle Dome, Arizona, USA Hollinger, Canada	Cu US T Au US T 15		1 A SE 1 A FN			p/47 14 40,0	0	KOLD	Ven	-	AU Cu 4	1882		Py PY	0.02	0.00	0.00 0.02		0 0 0.02109
1		Cu T		1 A U			42		KOLD	PCD			0.35 1.21073274 1865	400	Py	0.00	0.00	0.00 0.00		0 0 0 0 0 0
1	Kennecott, Utah, USA Kennecott, Garfield, Utah, USA	Cu US T Cu US T		1 A EN	63	1942 19	42		100.0	PCD PCD		Cu 3500 0.75	0.35 1.21073274 1865	370	Ργ	0.00	0.00	0.00 0.00	``````````````````````````````````````	0 0 0
1 5.27 1	St. Joe Lead, Flat Missouri, USA	Pb US T 15		1 A SI 1 A OT 1 B ST 1 A SI	115	1941 19 1940 19	40 10,000,0	00	KOLD	100 7/ MBJ 154/ GENERODE TOM HADE O (201 HADE O (201 HADE A HADEA), MARKAR, MARKAR, MARKAR, HADEA), FLORDE-LANNE, IN MARKER-HADEA, H. MARKER-HADEA, H. MARKAR-HADEA, HA	Â	u Ag				5.27	0.00	0.00 5.27 21.43 21.71	1 5.272 1 21.71	2445724 0 0 1062271 0 0
	Los Cedros, Tialpujahua, Michoacán, México Simmer and Jack, South Africa	Au Ag US T Au US T	9,200,000	1 B SI 1 A SI	110	1937 27-M 1937 19	ay-37 37 2,800,0 /28 3,780,000	11 300	KOLD	Sarts Taxoda and S. Consers Millings Nat. Sart Sci. 15. 1005-1055. 2015. assar and asserts and an artificitio0201057 More than 200 dasheroid for avera subfar or a size.		Au Cu 12000 1	1	35	Ру	0.00 1.48 1.99	0.00	0.00 1.48	3 1.476	2984484 0 0
1 1 3 0.09 1	Barahona, Chile Unidentified, South Africa Agua Dulce, Sewell, VI Region, Rancagua, Chile	Cu US CST 61 Au Cu 51	20,000,000	1 A EQ 1 A U	136	1917 0ct	17 180,0	00	COLD Villavinencia	PCD PCD		Au Cu 12000 1	1	2.5	Ру	0.09	0.00	0.00 0.00	5	7245724         0         0           71062271         0         0           76284803         0         0           92934844         0         0           0         0         0.0949           0         0         0
	And a second		+ +	0	68 0.23529411	18	n-15					D	eposit Type (Col W)			sum indx 138 90	Overall Stats 44.05			348.55 15.57 #VALUE!
1 Very Serious Tai	SEVERITY CLASSIFICATIONS (COL A & B) (Revised Bower 04/18) lings Dam Failures + multiple loss of life (=20) and/or release of a 1,000,000 m3 total discharge, and/or release trave	el of 20 km or more 56								2005.	es, enargite can o	er Deposit. Mineralization occurs as disse iccur in upper reaches	minations, in veinlets, and breccias. Always so			sum indx 138.90 avgindx 0.43	#VALUE!	0.59 #VALU	JEI	1.10 0.05 #VALUE!
2 Serious Tallings	Dam Failures = loss of life and/or release of a 100,000 m3 seeni-solids discharge,and or runout >.9km Dam Failures = Engineering/facility failures w release <100,000m3 other than those classified as Very Serious or Serio	63 bus, no loss of life 118	The very	e failure severity codes were developed in ry clear that increasing severity/consequent order with "11" being major quests. 2's being the severate of the	in 2014 to faciltate tr ence was a main moti	trend analysis and meaningful exan tivation in creating the failures dat	ination of failure conseq a base and ,to some exter d out coult in a break or	rence . ICOLD Bulletin 121 mak t, the faiure type codes did indir bilium. The cotegories "residue"	LOCUS OF FAILURE (Column B)	tabular	ular body		ay volcanic rocks, especially confined to certa	in volcanic layers fo	irming a	sum indx 37.07	Reference Decade 1	1991-2000	54.33	
4 Potential Failure	e Other Tailings-Related Significant incidents w/o release(mostly 2A and 28) due to lack of information on toxicity of tailings known to be associated with beneficiation process	10	"ver vari	ry serious" was obvious by inspection. In iables in the orignal ICOLD Bulletin 121. It	n all cases possible th It was clear however i	the severity rating was based on rel r in authoritative descriptons that s	ease, runout and deaths, one incidents for which	onsistent with the purpose of t o data was given for release rur	and 1 TSF Dam Wall Failure out or 2 TSF Impoundment Component	Placer	er- gold, and othe	ture mineralization hosted by limestone, er heavy minerals like tin, occur as small ; in tronical climates that contain elevater	which was altered due to neat grains in unconsolidated sediments I quantities of Bauxite (aluminum oxide) and	nickel		avgindx 0.65	0.19	0.13	1.01 The inde	fex values differentiate magnitude gst the three severity codes
			not						ere is3 TSF External Component/Opera 4 ATSD-All Failures & Significant	VMS- V pyrite	S- Volcanogenic N te	Massive Sulfide; herein, deposits formed a	t coean floor; majority of ore deposit is sulfic	les with a very high	content of	Complete downentation on Amoristee() Minute of Board	the index is available from Bow kerAssociates.org1. The differen	where		
	COLOR CODING FOR TAILINGS DEPOSITION COL E Thickened Tailings	247	the	,						VEIN-T WITS-1	N- Typically a sub- S- Free gold in a l	vertical tabular body; herein includes mir lithified conglomerate typical of deposits	eralization in faults and breccias in the Witswatersrand, S Africa near Johanne :ools; commodity, e.g, platiunum group meta	sberg		variables indicates the releving documented entry for each or insure that each variable in a	ative incidence of reporting on t of the three variable) We deter iqually represented	the variable. ( is not every record has a mised that no weighting was necessary to		
	paste talings		10	COLD INCIDENT CLASSIFICATIONS	S COLUMNS K-M					SSC-Sti	<ul> <li>Stratiform sedim</li> </ul>	nentary-rock hosted copper deposit; min	cools; commodity, e.g, platiunum group meta eralization generally confined to a stratigraph g., coal, iron, or confined to that unit, e.g., ph	ic unit; very little or	no pyrite					
US Downstream	MATERIAL KEY	INCIDENT TYPE KEY		INCID	DENT CAUSE CLASSIE	IFICATIONS (COL M)	_						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
DS Centerline T	Tailings Cycloned Sand	1A Active Dam Failure unplanned relations	ways designates a failure in the c eleas of content. The amount of n	dam itself involving an releas is not reported for SI	Slope instability -	y - static failure			rt load that causes deformation up to the point a da f dam material by water passing through areas of th	partially or completely fails. Often caused by partial saturation of areas of the dam that are designed to remain dry.										
WR Not reported MW	Mine waste	2A Active TSF Incident Type 2 refers t	to failure or observed problem Iment or any extrenal part other	n of components within FN r than the dam itself	Foundation - stourtural and Overtopping	age and internal erosion		Failure re	lated to building the dam on a surface that does not	upply sufficient support for the weight of the dam. An example is a layer of clay under a dam.	Size. (Coluc) toom	and that approximation the mineralization	that may have the reasonable expectation o	aconomic axtractic	no: oriorioal					
NR E R	Earthfill Rockfill	28 Inactive TSF Incident whether or no 3 Groundwater Contamination from ar Type 3 refers t	ect a release ocurred	of st and corrected some of	Structural - struct	ctural inadequacies, inadequate or failed o	ecants	Design er	rors, or failure of a designed component to function	edesigned. Failed decants (to drain water from the impoundment) are a common Cause.				economic extractic	on; principar					
		which involved	ed a substantial leaks overtime	EQ MS FR	Mine Subsidence			<ul> <li>If the dar</li> </ul>	n or impoundment is built over an underground min	ake is larger than that which was predicted, the structure on he destroyed by shaking. Cut %- Cut %- (	N- (Col Z)grade of ppm- (Col AA)grad	f copper in percent; principal source as at de of gold in ppm (or g/t); principal sourc	ove e as above							
				ER U	Unknown static liquefaction			Many of	he older dam failures that were not sufficiently doc	n, tota Lonescha mer La Lonescha Mer	<b>q, %-</b> (Col AB)equi 0/lb Zn, \$4.00/lb I	ivalent coppr grade in percent adding gol NI, \$6.00/lb Mo used	d grade; prices of \$2.00/lb copper, \$1,100/oz ction; based on production series from USGS							
								SCOLD ON		America	rican Metal Statis	stics, and Annual Reports	ction; based on production series from USGS stimated copper grade from start to year of e							
	GENERAL NOTE			COLUM	AN M-INCIDENT NU	UMBER				ESI, IMM Sources	ces	of arrows copper production by e								
	We have retained all of the fields created by UNEP/ICOLD in their orignal compilation of 222 failures a 122. Although no definitions were presented in Bulletin 222 their meaning is clear in the descriptions definitions in Column J between "failures" (all type 3) and "accedent" (all type 3). These were UNEP/I	and accdents in Bulletin presented especially the ICOLD applied only to the o		The incident numbers we the 221 incidents in the	vere assigned in Bu compilation	ulletin 121 for each of				SOURCES: (Col T U)Primary Confirmation of Failure Event			a							
	122. Although no definitions were presented in Bullistin 122 their maring is clear: in the descriptions distributions in Column J between "failures" (all type 1) and "accelerate" (all type 2). These were UNR2/) rights 122. We applied these codes distributioning accelerate and failures to the best of or ability organizes and accelerate not ensurerated in Bullistin 121 and to all post 12 holds are shown and the descriptions of a sublic resonance and acceleration constrained learned all of the description body as monthly and accelerates of a sublic resonance and acceleration constrained learned all of the description.	and understanding of their 999 events. WISE, who on but added a second		They exist therefore only	ly for pre 2000 inci					Advers ysical Union, http://blogs.agu.org/andsideblog f_autorbite_f_autorbite_blogs f_autorbite_f_autorbite_blogs f_autorbite_blogs f_auto	Pyrite- Iron sulfide	Col AE)Gangue minerals known to potenti e that upon the addition of water and oxy mite, will also leach	ally cause environmental issues: gen, leaches to form sulfuric acid and iron in	solution; other sulfi	ide minerals,					
	took up rearting and mainteneace of a public record post 2000 dropped almost all of the descurpte column for parent corporation which we hope to add to this file.			those pre 2000 that were	re included in the o	orginal compilaton.			"Occurrence and Mechanisms of I	En Enal w-like Landslides in Natural Slopes and Earthfills," Sorrento, 19-36, Picarello (ed), Patron, Bologna, 2004 St Stibe	Enargite- Copper-	arsenic sulfide that upon oxidation or lea y sulfide	ching will release arsenic and copper into the	ecosystem						
	We found small variations source to source on total release, run out, deaths and other details, but we inconsistencies that precluded a clear classification as "Serious" or "Very Serious".			Per Bulletin 121, 1-186 w events ; 187 -221 were co						Large Dams, Bulletin 121 "Tailings Dams Risks of Dangerous Occurrences Lessons Learned From Practical Experiences" Ga Gali m Failures in The Philippines (1982-2007) "accessed January 2015 at http://www.piplinks.org	Galena- Lead sulfi Ismuthinite- Bism	ide nuth sulfide								
	Overall we found much more detailed accounts of "consequence" in local compilations or regional or ICOLD accasionally included details on consequence, or linked to sources detailing consequence. Our more externals lat of materials included to the consequence of 375 failures	national studies. WISE & bibliography includes a							(5) Repetto, Robert "Silence is Golder	Asp-au Leaden and Copper Disclosure of Material Environmental Information in the Hardrock Mining Industry <sup>®</sup> Yale School Df Co- Col	- Arsenopyrite- A Cobalt	usenic-iron sulfide								
									u/repetto_report_execsum.pdf	PY - Inc	Jranium • indicates very hig	gh volume of pyrite in ore								
									(o) Nicu, Wi, Benito, G., Diez-Herrero,	"Floods From Tailings Dam Failures" Geological Hazards Unit, Spanish Geological Survey (IGME), Madrid, Spain										



is indisputable. Without major changes to law and regulation, and to industry practices, and without new technology that substantially reduces risk and increases loss control, our current prediction is for 19 Very Serious Failures between 2018 and 2027.

We ask all users to read all guidance and commentary provided here before planning and publishing a work using this database.

## DOWNLOAD NOW



Current as of March 1, 2019

# History & Purpose Of Failures Database

The purpose of the database is to provide a meaningful resource of factual authoritative data for analysis of trends, causes, and consequences, with a view

to the changes that will result in effective loss prevention related to tailings management. The aim is to give voice to the narratives of every significant failure, not replace or overshadow the existing narratives.

Of course, it is important to note at the outset that, while tailings failures are a leading cause of the most consequential mine failures to communities of origin, to the environment, and to the investors whose trust finances production of the minerals the world needs, large and significant losses occur even at facilities with no on-site tailings or with adequate and even state-of-the art tailings management. This database is important because it is a surrogate for all loss. It is the only known publicly available compilation of loss, the only window we have into the legal frameworks and corporate practices that create high-risk and high-loss conditions.

The core of the database is the ICOLD/UNEP compilation by an international expert panel convened between 1995 and 2001, and published in 2006. WISE continued the global compilation by integrating all the Bulletin 121 failures and posting all new failures reported to them. The WISE chronology dropped most of the Bulletin 121 data descriptors and now reports only "significant" events since 1960.

World Mine Tailings Failures (WMTF) expanded the original Bulletin 121 compilation with independently researched, authoritatively compiled failures from 1915 onward, and integrated all WISE updates and additions through 2015, reformatting to the full Bulletin 121 layout. Missing descriptors in the WISE and ICOLD/UNEP compilations were filled in element by element from many sources, principally legal documents and technical reports.

The statistical value of ICOLD/UNEP dam-descriptive and cause-of-failure data elements has not been fully established or explored, but WMTF continues all of them.

**The data are meaningful only at aggregations of 10 years**. No other aggregation level holds up for any kind of meaningful analysis or presentation.

Presentation of the number of "failures" for a given year is meaningless. **No comparisons by country or company or resource sector are meaningful without production data ( failures per ton of processed ore or failures per ton of finished product) for a period of 10 years or more.** 

Three main expansions give voice to the failure narratives in terms of both cause and consequence: severity coding, magnitude index development, and the inclusion of economic history.

#### **SEVERITY CODING**

The ICOLD/UNEP expert panel intended to distinguish failure events by severity, but the established coding did not lend itself to statistical analysis. They distinguished "failures" from lower consequence "accidents," but this two-layer severity class had no structure that supported meaningful analysis, especially trend and correlation analysis. Within the designation "failures," ICOLD/UNEP intended, and we have continued, to record all failures of any component of a tailings management system.

The Bulletin 121 international panel established three measures of severity (release, runout, and deaths), which also frustrated statistical analysis.

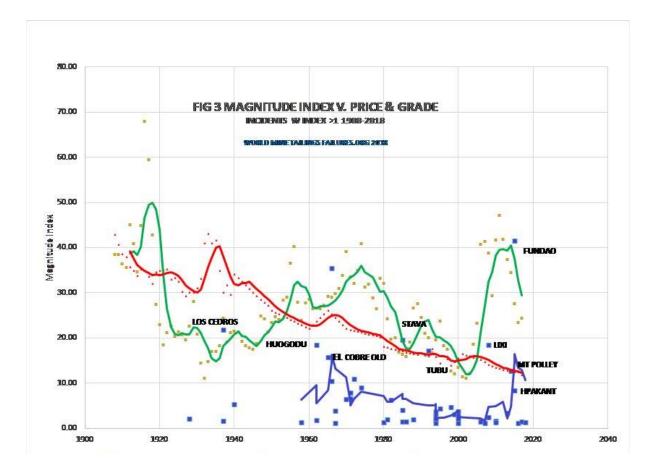
A four-level severity code system has therefore been created for WMTF from 1 ("very serious") to 4 ("potential failure," meaning an observed condition that, if left unattended, could evolve to failure over time). The four-tier system relies primarily, but not exclusively, on the three severity variables created by ICOLD/UNEP (release, runout, and deaths), but it also places great reliance on authoritative narrative. At present, only two of the classes, "very serious" and "serious," perform well in statistical analysis and it seems clear in correlation and other analyses that the trends for both severity levels are shaped by a common set of root causes in mine-specific and global economics.

Figure 1 above shows present linear trend lines and Figure 2 below shows the actual values for release, runout, and deaths by decade through 12/31/2017.

10	riptors	facility desc		ators	severity indic	count by		/ code	by severity			
#w stor cap	# w ht	Avg Storage (M cum)	Avg Ht m	Deaths	Cumulative Runout ( km)	Cumulative Release	All Failures potential failures	Potential Failure Condition	Minor Failures	Serious Failures	Very Serious Failures	Decade
		M cub m	m	count	km	M Cub m	count	4	3	2	1	
1	13	40,895,903	45	435	832	95.8	42	0	15	14	13	2008-17
	5	14,298,571	22	52	326	20.9	32	0	13	9	10	1998-07
1	33	7,526,143	29	88	116	56.5	58	5	29	15	9	1988-97
2	36	9,761,640	25	347	60	22.3	46	3	28	9	6	1978-87
1	44	2,511,700	25	317	275	24.2	27	0	14	8	5	1968-77
1	29	1,950,800	18	1,053	96	25.6	29	2	16	4	7	1958-67
	5	0	22			1.1	4	0	0	3	1	1948-57
	2	0	15			0.2	4	0	2	1	1	1938-47
	1	29,200,000	61	300	11	12.8	2	0	0	0	2	1928-37
1	0	0	0	0	0	0.0	0	0	0	0	0	1918-27
	1	0.0	61	0	0	4.0	2	0	0	0	2	1908-17
=======	=======	======	======	======	======	=======	======	=======	=======	=======	=======	
) 7	169	5,758,443	66	2,157	1,716	263.2	246	10	117	63	56	TOTAL/AVERAGE

#### **MAGNITUDE INDEX**

The severity coding alone allows examination of only the *frequency* of highseverity incidents over time, but not *the degree of severity*. Although, as shown in Figure 2, the decadal summaries of release, runout, and deaths give an impression of increasing severity, it was not possible to do any meaningful statistical analysis with the data in this form.



World Mine Tailings Failures-from 1915 - supporting global research in tailings failure ... Page 6 of 16



An index is an econometric tool, especially used in trend analysis, which allows disparate data elements to be unified via reference to a base year or period and then combined by aggregation, with or without weighting, as evaluated by the index developer. This approach was used to build the magnitude index setting 1991 to 2000, the "red flag" decade of Bulletin 121, as the reference period. For each incident, each element (release, runout, deaths) was expressed as a ratio to the reference average, after which all three index scores were combined to form a single numerical index. It was determined that raw scores gave each element an equal weight (i.e., no weights were needed). Complete technical documentation is available to anyone interested from compiler@worldminetailingsfailures.org.

The index proved to be a very valuable statistical tool with strong correlations to price and grade as shown in Figure 4 above. The relationships over time clearly show that *magnitude increased as grades fell and prices rose,* dispelling a popularly cited paper, asserting without econometric analysis, that failures occur in lagged response to falling prices.

The magnitude index also, as expected, correlated significantly with storage capacity and dam height at failure. (Larger facilities are, of course, expected to cause more damage when they fail, which is not the same as larger facilities having an inherently greater propensity to failure. Data are not presently available to evaluate the latter.)

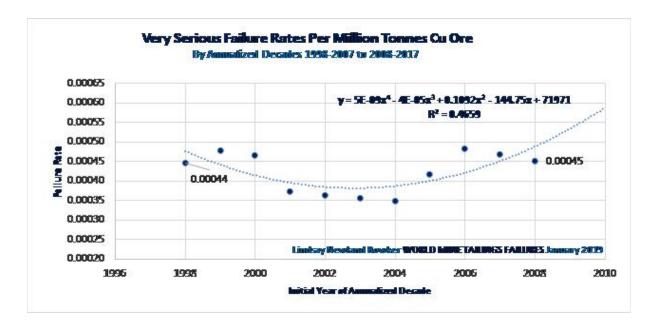
We invite, and hope ourselves to do, much further exploration of the magnitude index. At this point, we are satisfied that it is a vetted and valid data element with an important place in the database and in future research into cause and consequence.

We assign severity code based on narratives and on authoritative documentation of release, runout, and deaths. However, we not do not code *magnitude* if there is

not sufficient complete information on release, runout, and deaths, as it relies exclusively on the given numerical values of these elements.

#### **INCREASING FAILURE RATE**

The increase in failure rates per million tonnes of ore produced from 0.00044 (1998-2007) to 0.00045 (2008-2017) appears to be significant and to forecast a continuing upward trend.



#### **ECONOMIC HISTORY**

The ICOLD/UNEP expert panel acknowledged the powerful and important role that mine-specific and global economics played in the failure trend to which they were pointing. Most papers on cause, while tending to focus on engineering causes, recognize the adverse effect of falling grades, the resulting increase in mining costs per ton, and the attending squeeze on margins.

The predecessor of this *database* was a *data set* developed for three research papers exploring these effects of mine-specific and global economics in depth on the frequency and severity of catastrophic failures. Bowker Chambers (2015) Bowker, L.N. and Chambers, D.M. The Risk, Public Liability, and Economics of Tailings Storage Facility Failures. Earthworks Action 2015.

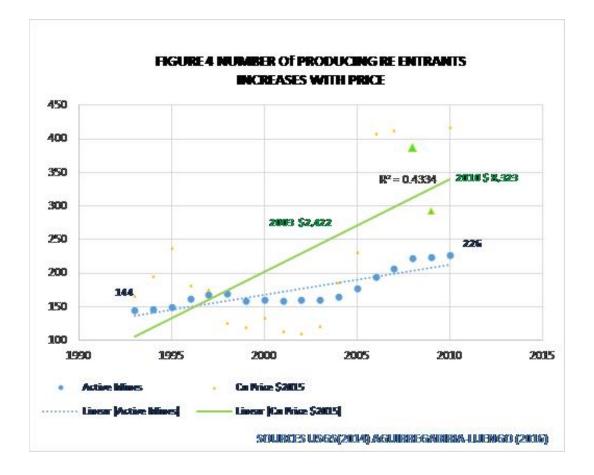
This mapped the world trend of frequency of "very serious" failures against the world trend in falling grades, establishing through canonical correlation analysis the likely existence of a strong linear relationship in data known as of 12/31/2009.

Bowker Chambers (2016) Bowker, L.N. and Chambers, D.M. Root Causes of Tailings Management Failures: The Severity of Consequence of Failures Attributed to Overtopping 1915–2015.

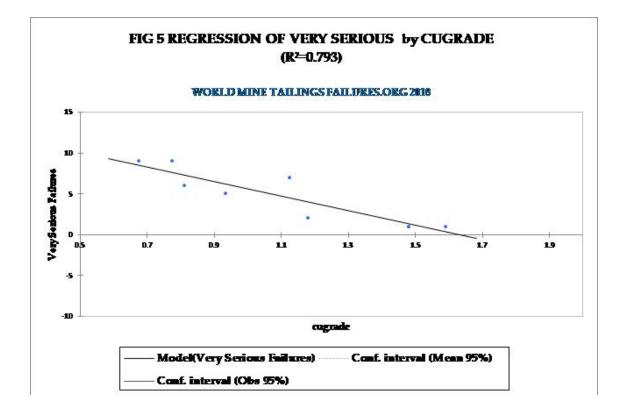
This used the same data set as Bowker and Chambers (2015) and examined the distribution of "very serious" failures across all thee ICOLD/UNEP expert panelestablished cause-of-failure elements, finding that, except for codes associated with liquefaction (earthquake and slope instability), the distribution of highseverity failures was essentially the same, suggesting a common root case, previously posited as global and mine-specific economics.

Bowker Chambers (2017) Bowker, L.N. and Chambers, D.M. In The Dark Shadow of The Supercycle: Tailings Failure Risk & Public Liability Reach All Time Highs, *Environments* **2017**, 4(4), 75; doi:10.3390/environments4040075

Bowker and Chambers (2017) used a greatly expanded data set of pre-2010 failures and included all known failures through 12/31/2015 and the addition of economic history of the mines at which failures occurred. These data were contributed by Dr. Bill Williams, a noted long-experienced economic geologist, from his own files. Dark Shadows (Bowker and Chambers, 2017) was therefore able to reconfirm key findings of Bowker and Chambers (2015, 2016) with a more complete data set for a longer period, as well as to examine the role of minespecific economics. **Dark Shadows showed that, contrary to previously asserted and widely-cited work, high-consequence failures are more frequent in periods of rapid sustained price rise due to the greater participation of marginal mines as producers.** 



The strong linear relationship between grade and frequency of high-severity failures was also revealed in linear regression (Fig. 5)



While still very sparse, the data presently available do support meaningful, although limited, inquiry and analysis. One of our development goals is to expand data to include at least more details on already known "serious" and "very serious" failures.

To explore failures in the context of global mineral economics trends, a parallel mineral economics database was created and is also available free in Excel file format. The parallel database provides annual data on copper grade, world mine production, price, and estimated world ore production from 1915. Extensive technical documentation is embedded in the download file at this site.

Download Mineral Economics Data Now

### **DATABASE MANAGEMENT**

The framework for management and continued development of the database is given in our bylaws. World Mine Tailings Failures is presently incorporated as a nonprofit corporation in the state of Maine and we are in the process of filing for incorporation under U.S. laws as a 501(c)(3).

Reflecting the scope of our chartered mandate to provide a multifaceted analysis of all authoritative work about or with a direct bearing on mine tailings failures, the work of compilation is conducted by five principal volunteer compilers each with primary responsibility for compilation and analysis on one of five facets of cause and consequence. The core team of volunteer stewards is supported by a broader team of tailings experts who have volunteered to serve as peer reviewers and contributors. Our Board also reflects the balance of expertise of compilers and is responsible for general oversight of our work as well as for approval of all policy and database development plans and budget priorities.

#### THE COMPILERS

**Chief Compiler & Executive Director Lindsay Newland Bowker** (Bowker Associates Science & Research in the Public Interest, USA) has four decades in empirically-based law and policy, heavy construction risk management, and risk finance that framed and informed her noted work in the economic causes of Tailings Storage Facility (TSF) failures. It is primarily Lindsay's work that has evolved the database to its present form, assembled the team of stewards for its future development, and framed the mandates of the nonprofit corporation established to care for and further develop the database.

**Chief Compiler, Engineering, Roberto Lorenzo Rodriguez (Instituto Geológico y Minero de España, Spain)** is a recognized expert in tailings risk management, most notably in areas of causes (ultimately related to consequences) that have not received needed attention in law, policy, and practice. He has authored 146 papers with 524 citations. The aim of his present research is to identify opportunities and strategies for loss prevention and risk minimization.

**Chief Compiler, Environmental Consequences, Steven H. Emerman** (Malach Consulting, LLC, USA) has 31 years of experience teaching hydrology and geophysics, and has 66 peer-reviewed publications in these areas. Dr. Emerman's company specializes in evaluating the environmental impacts of mining on behalf of mining companies, as well as governmental and nongovernmental organizations. Dr. Emerman is multilingual and so can access and solicit studies , legal documents, and technical documentation about environmental consequences that might be available only in local or non-English publications.

#### Chief Compiler, Community of Origin Consequences, Cristiana Losekann

(Department of Social Sciences, Universidade Federal do Espírito Santo, Brazil) does her main work in the interface between social movement and political change, and in the disempowerment that results from loss of community. Cristiana's work on the community and social impacts of the Fundão failure bring forward aspects of community and citizen loss beyond the customary discussion and response of compensation to rarely acknowledged issues of adequate disaster response and relief, and loss of voice through the dispersion of displacement.

#### Chief Compiler, Economic Causes & Consequences of Failures, Bill Williams

(Mine Analyst and Developer, USA) is an economic geologist with over 35 years of experience in the exploration, development, and exploitation of oil and gas and mineral deposits, mostly in the Americas and Europe. He currently serves as a consultant and advisor to the mining industry, most recently with Zinc One Resources, Inc., and Forrester Metals, Inc. He is a former CEO, President, and Director of Orvana Minerals Corp., prior to which he was a Vice-President for Phelps Dodge Exploration, overseeing activity in the Americas. He holds a Ph.D. in Economic Geology from the University of Arizona and is a licensed Professional Geologist. Bill has been a major contributor to the present form of the database, adding the section on mine-specific economic context from his own extensive personal files.

Acting Chief Compiler, Governance, Lindsay Newland Bowker is still seeking a permanent volunteer for this important post at WMTF that will document how existing law and policy affected the formation of a failure event and the response to it.

We welcome and encourage all contributions with proper citations and documentation, especially from individuals with technical expertise who speak Chinese, Portuguese, Spanish, Swedish, Norwegian or other foreign languages, and who are on the ground in countries where mine production is occurring. We do foreign language searches for tailings failures and mine failures, but without multilingual input from associates, we are not capturing all relevant information. We provide primary sources for every entry.

Our aim is to provide more complete data on each failure with a bearing on cause and consequence, not to provide a 100% complete list of all failures that have ever occurred.

**Dr. Dragana Nisic** and **Angel Brimo** have been actively involved in helping frame and launch WMTF and will be part of a larger distinguished panel of experts who have agreed to serve as both contributors and peer reviewers. We are in the process of formalizing this larger pool of collaborative expertise as an Advisory Committee.

We have invited a very distinguished panel of experts in different stakeholder sectors to serve on our Board of Directors and the compilers will actively seek and welcome their guidance on future development of the WMTF. The Board will be formalized shortly and then announced.

We would welcome additional adjuncts and associates in each category and always welcome informed input.

# Next Steps

# Federal Nonprofit Status

Free public access databases are usually compiled and maintained by governmental organizations who determine content and access. What was a data set, and is now a database, used by researchers, NGOs, governmental agencies, mining consultants, investment portfolio managers and advisers, and even grassroots organizations, has no natural governmental umbrella among any existing global organizations. It is too important to rely on what time can be given to it outside of other mainstream work, as has been the case to date. Incorporation as a nonprofit allows a suitable structure for expanding and formalizing a broader stewardship for the database, as well as providing a structure through which others can help finance its basic needs and future development.

We are already a nonprofit in Maine and are now in the process of obtaining our federal status as a 501(c)(3).

# **REBUILDING THE NARRATIVE**

The data are only meaningful to the extent that they accurately summarize or present key elements in narrative, and capture or present those data elements most closely associated with cause and consequence, and with mitigation of harm. The story of every failure is the complete narrative, which changes over time, bringing new insights, new facts, and new data. A principal goal is to rebuild narratives for all consequential failures, expanding from only engineering analysis to the role (positive or negative) of law and policy, and mine-specific and global economics, as well as to a fuller description of consequences, both human and community of origin, and environmental.

Each of the original Bulletin 121 failures had a small narrative. To date, except for brief narratives presented in the appendix of Bowker and Chambers (2015), the narrative in the failures database has been represented only in the bibliography of resources used to develop the data record for every failure.

Our aim here at WMTF is to create a complete narrative, failure by failure.

We will publish the narratives one by one, as they become available, in a to-beadded section on narratives.

#### **Additional Data Elements**

The volunteer compilers will propose to the Board their recommendations for data element expansions and develop a budget estimate and project description for each proposed addition. We anticipate only very limited funding support.

The data elements created by the UNEP/ICOLD expert panel have not been fully explored as to their value in analyzing causes and trends. It is clear that some elements, especially "runout" are not sufficiently clear as indicators of severity.

It is clear, though, that the data descriptors are somewhat out of date, especially on the TSF itself and the characteristics of the tailings and their degree of consolidation and saturation at failure. It would be helpful to have a clearer, better coded, picture on the condition of tailings at deposition and the means of deposition.

Our aim will be to prioritize the addition of new data elements according to deliberative and analytical value, seeking guidance and help from all stakeholder sectors and from our eminent Board of Directors.

# ESTABLISH LINKAGES WITH OTHER GLOBAL DATABASES

There are no other failure-specific, publicly available, global databases. However, there are many other global databases that can link to characteristics of national or provincial governance, such as indices on public benefits of the minerals sector by nation, and indices on the responsible mining policies of individual mining companies. Re-coding and additional coding of the deposit, the parent company, and country can facilitate these linkages by other researchers, even if the external databases do not contain elements that themselves belong in the failures database. One possible near-term objective, for example, might be to add latitude and longitude and the USGS unique deposit ID.

#### MANY THANKS & FUTURE FINANCIAL NEEDS

We thank Dr. David M. Chambers for sharing part of a generous unsolicited grant from a small foundation, given specifically in support of the work that Dr. Chambers and Lindsay Newland Bowker have done together on the failures database. Dr. Chamber's donation from this grant created this website and funded its basic web hosting and incorporation costs for the first three years.

We will shortly add a description of several small projects where funding would help with important expansions. The database needs and welcomes this financial support. The chief compiler and associate compilers receive no salaries or other form of remuneration. Through funding, though, we hope to be able to retain research assistants to assist in the main research and coding work of each development goal. Also we need annual funding for the statistical analysis packages we use for analysis and presentation of the database. Our plan is to create a page on WMTF compiler-recommended, Board-approved development goals with a description and budget for each, so that donors can match their gifts of support with their own main interests, work and commitments.