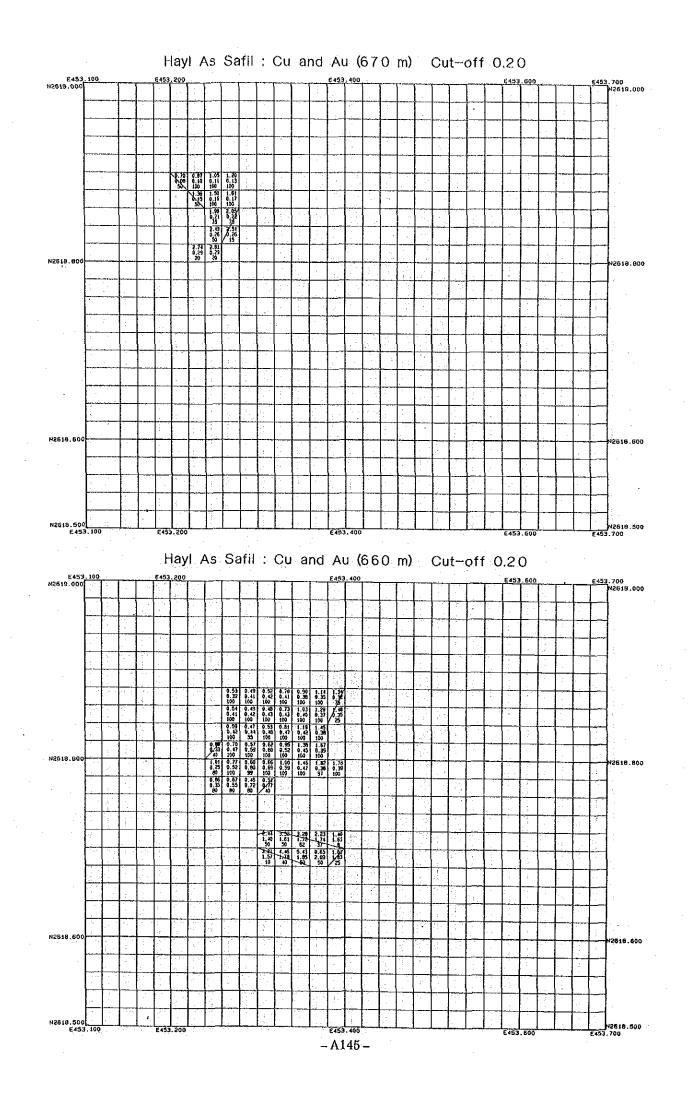
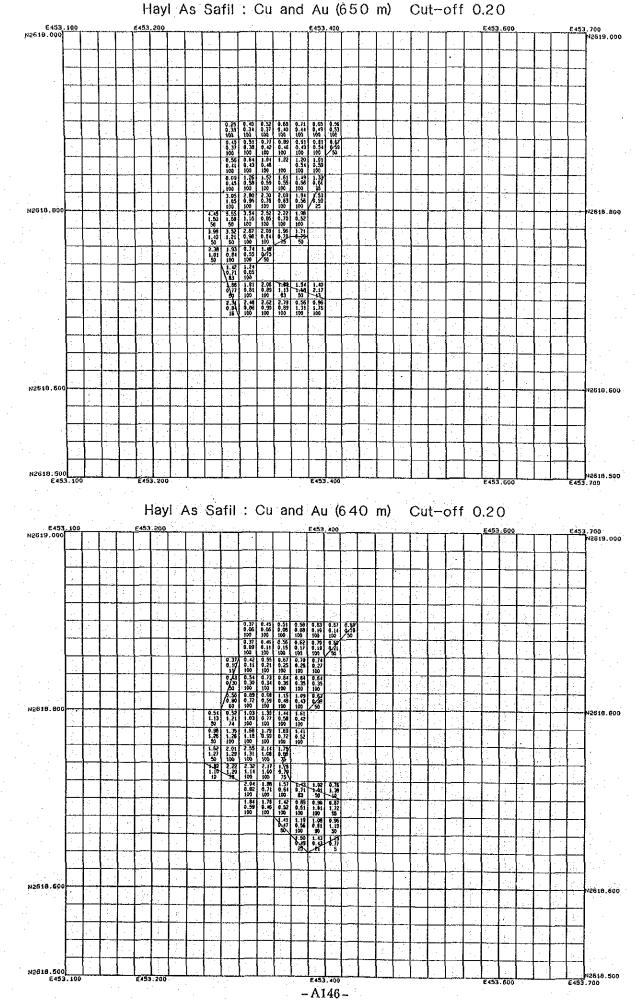
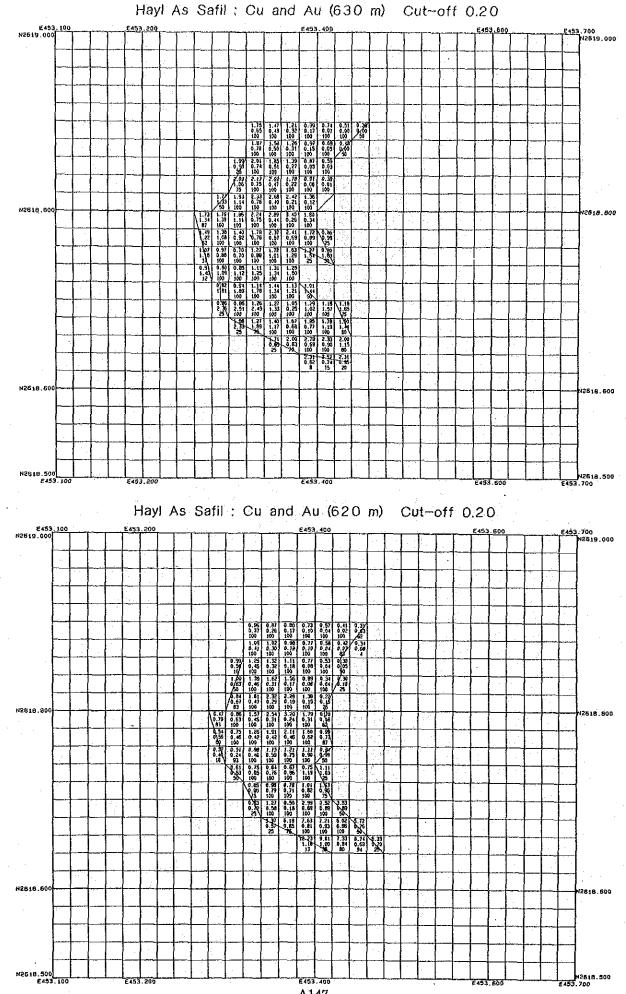
Appendix 17

Distribution map of the ore blocks for each level in the Hayl as Safil deposit

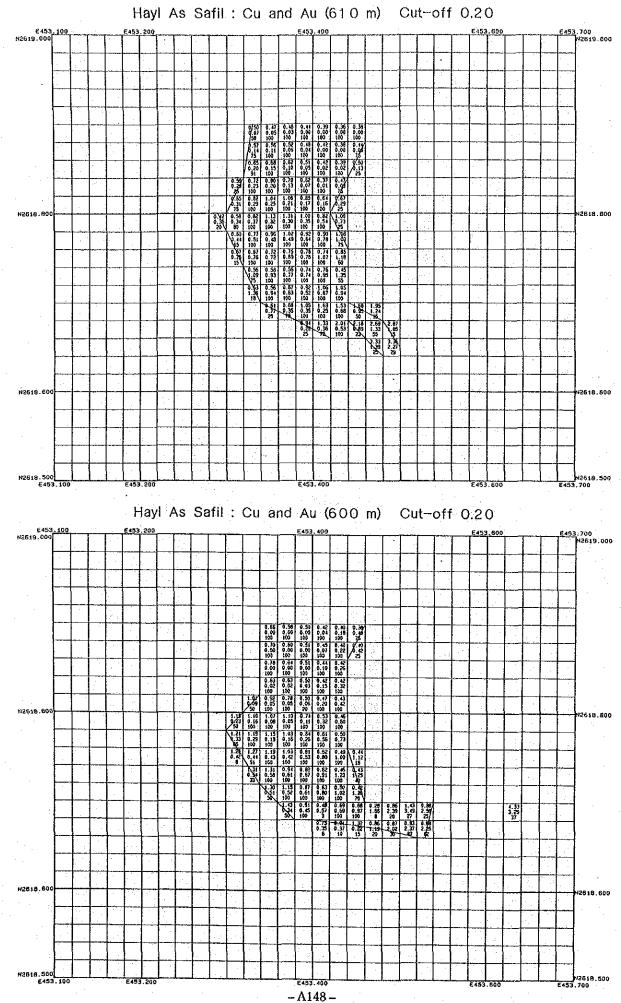
<u>.</u>

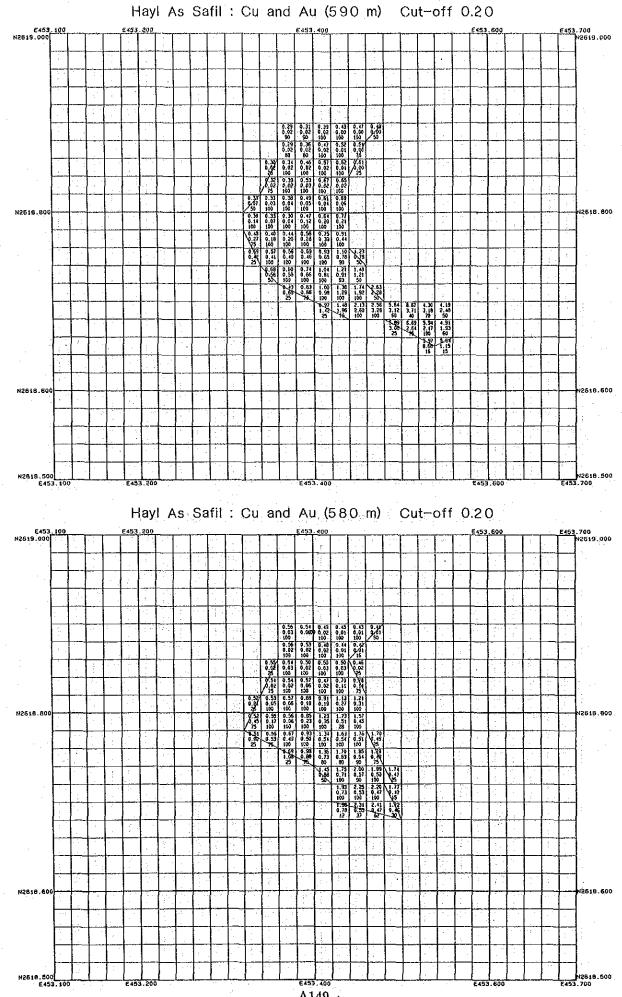




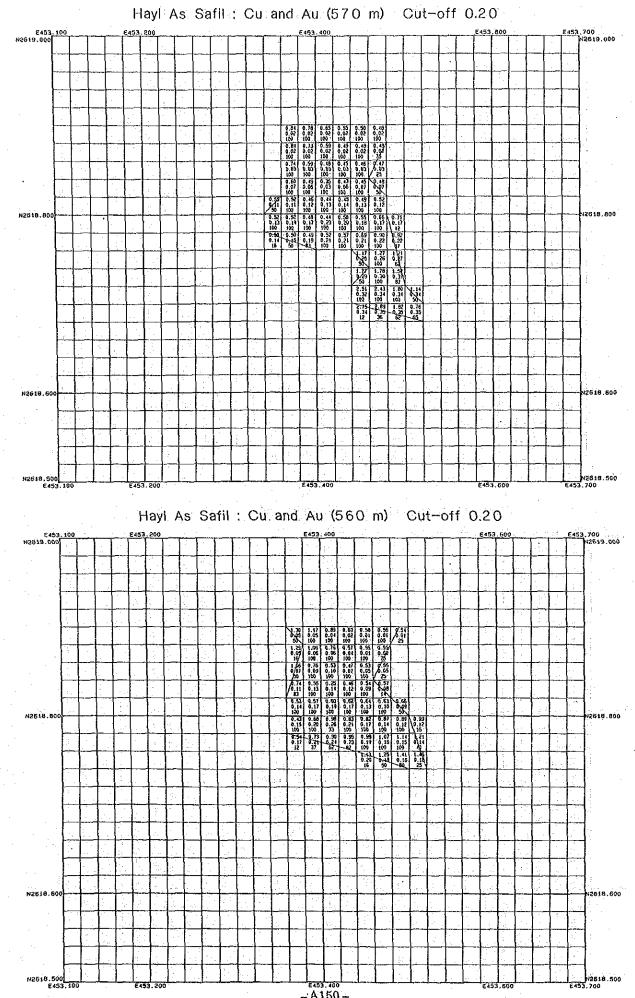


-A147.-

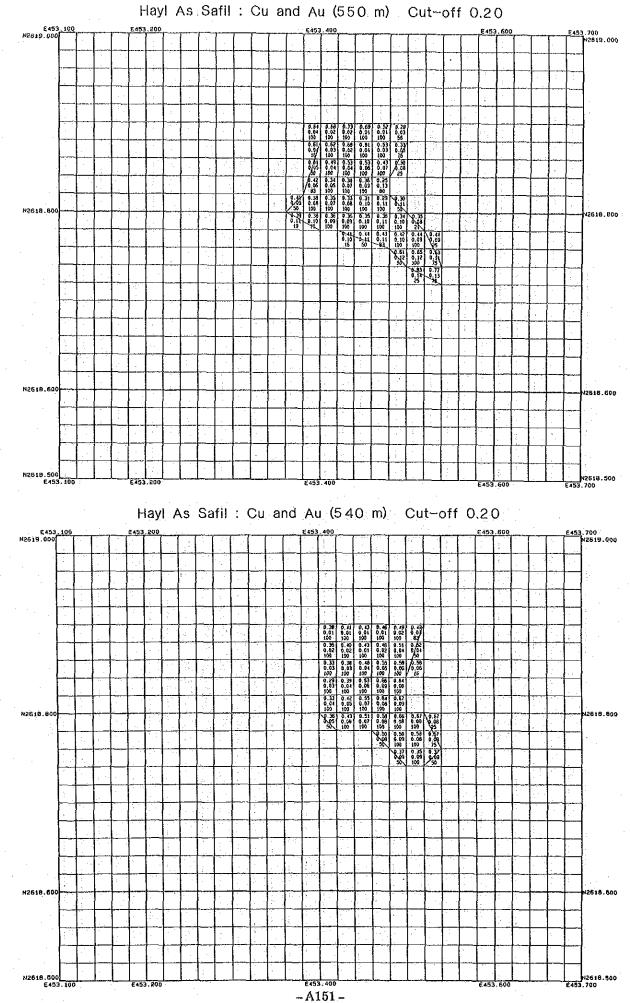




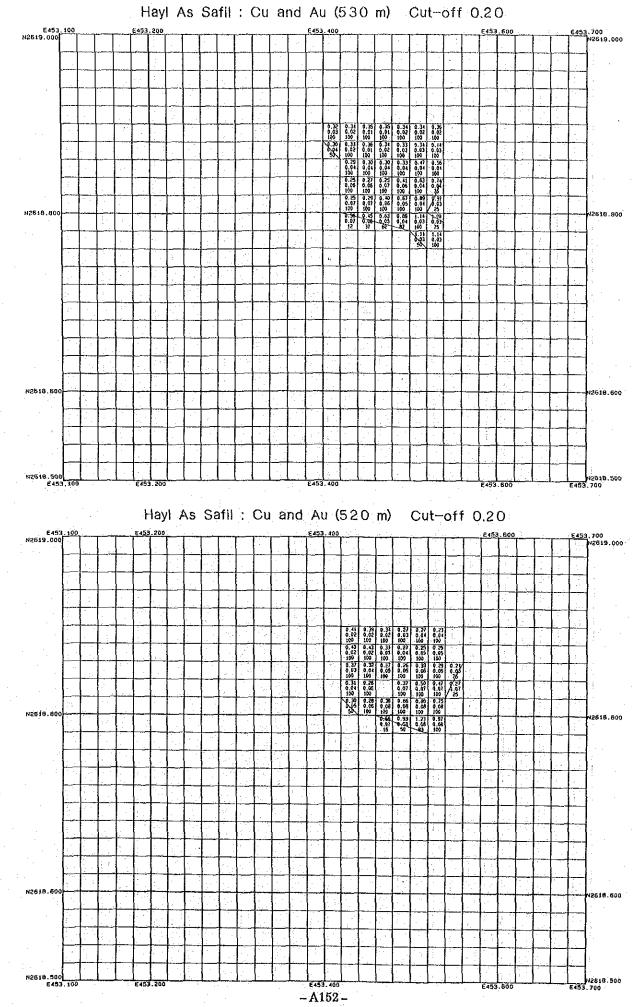
- A149 -

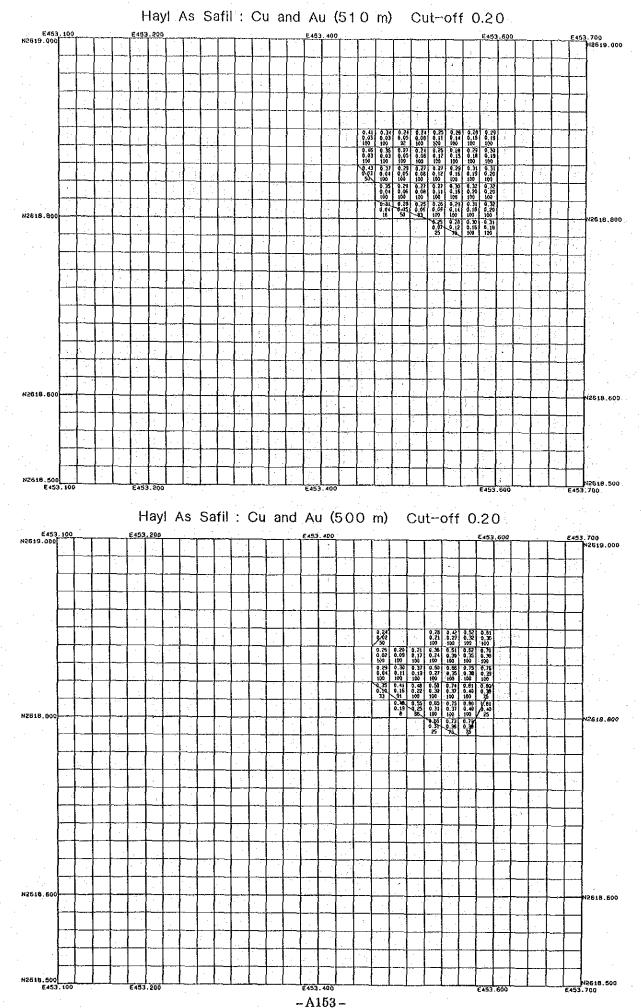


-A150-

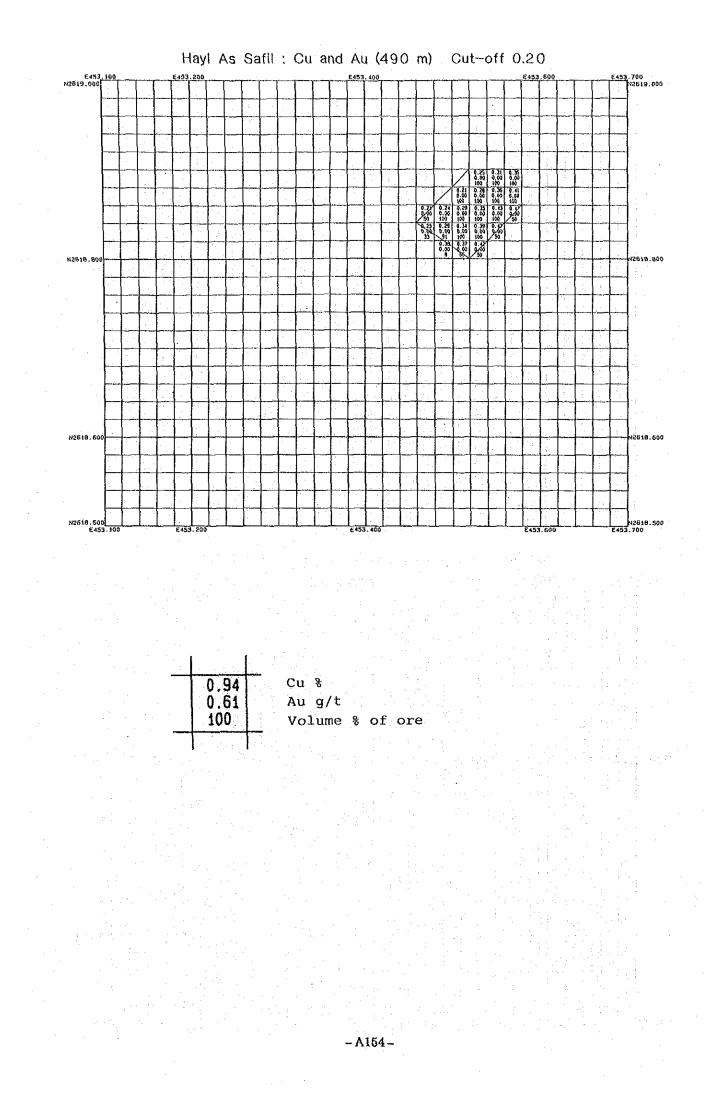


- 19191 -





4103 -



Appendix 18

List of ore reserves for each ore block

in the Hayl as Safil deposit

é,

100

No 1 2	ff grade X (E) 453210 453230 453230 453230 453250			s. G.	Tonnage		 Cu		 !n				
2 3 4 5 6 7 8 9	453210 453230 453230 453230	Y (N) 2618890	Volume	s. G.	Tonnage		3u		ra in T		-		
2 3 4 5 6 7 8 9	453230 453230 453230	2618890			-	-		4	-11	- A	u	. F	9
2 3 4 5 6 7 8 9	453230 453230 453230		(m3)	14 1	. 1	grade	content						
2 3 4 5 6 7 8 9	453230 453230 453230			(t/m3)	(ton)	(%)			(ton)			(9/t)	1
2 3 4 5 6 7 8 9	453230 453230 453230				~~~~~~								
3 4 5 6 7 8 9	453230 453230	2618810	2000	3.03	6060	. 70	42.42	. 01	. 61	. 08	- 48	. 66	4,00
4 5 7 8 9	453230		800	3.30	2640	2.74	72.34	.01:	. 26	. 29		2. 57	6. 78
5 6 7 8 9		2618970	2000	3.12	6240	1. 36	- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14					1. 28	7, 99
6 7 8 9	453250	2618890	4000	3.05	12200		106, 14					.81	. 9. 88
7 8 9		2618810	800	3.31	2648		74.41		, 26		1 (1 1 1 1 1	2.64	6.99
8 9.	453250	2618830	2000	3.27			162.85		. 65			2.33	15.24
9	453250	2618850		3.20	9600		190.08		. 96			1.85	17.76
9	453250	2618870	4000	3.14	12560		188.40		1.26	. 16	1 a c c c c c c c c c c c c c c c c c c	1.41	17.71
	453250	2618890		3.08	12320		129.36			. 11	1.36	- C - C - C - C - C - C - C - C - C - C	12.07
	453270	2618830		3. 27	1962	2. 51	· · · · · · · · · · · · · · · · · · ·					2.35	4, 61
11 .	453270	2618850		3.21	9630	2.05			. 96	8 - C C C C C C C C		1.92	18.49
12		2618870	4000	3. 15	12600		202.86				1.11	1, 51	19.03
13		2618890		3. 10	12400		148.80		1.20			1, 12	13.89
10	455210	2010090	4000		12400	1. 20	140. 50	. 01	. 1. 24		1.61		13.09
			34200		107400		1649, 18		10. 74		17.64		154 44
•					101400		1042/10	•	10, (4)		11.04		154.44
		<u> </u>					•						
	pical Ore			÷		1. j.						· ``	
		: 66		· •		1.1			· ·		8 I. I. A		1. 1. v (s.
ut-or	if grade	: 0.	-20 Cu	•			1.1.1			· .		11 J.	ter ser
N-	·	V /11			*							··	
No	X (E)	Y (N)			Tonnage				in' i	- Ai		A	-
1		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					content						
			(m3)	(t/m3)			(ton)			(g/t)			(kg)
*****	45									1 A A A A A A A A A A A A A A A A A A A	1.000 0.000	· · ·	
11	453250	2618770	1	3.03	1 State 1	. 86	· · · · ·	1.1	2.91		- 1. N. H	4.88	
2	453250	2618790				1.01			. 98	. 25			57.19
3 :	453250	2618810	1600	3, 03	4848	. 86	41, 69	.09	4.36	. 33	1.60	4.89	23.71
.4	453270	2618770	3200	3,00	9600	. 67	64.32	. 07	6.72	. 55	5.28	3.40	32.64
5	453270	2618790	4000	3.01	12040	. 77	92, 71	69	10.84	. 52	6.26	3.86	46.47
·6 -	453270	2618810	4000	3.00	12000	. 70	84.00	15	18.00	. 47	5.64	3. 73	44, 76
7 -	453270 A	2618830	4000	2,99	11960	. 59	70, 56	. 22	26.31	. 42	5.02	3. 38	40, 42
8	453270	2618850	4000	2, 98	11920	. 54	64, 37	. 25	29, 80	. 41	4.89	3.22	38. 38
9	453270	2618870	4000	2.98	11920	. 53	63. 18	. 25	29.80	. 39	4.65	3. 32	39.57
10 👘	453290	2618770	3200	2.97	9504	. 46	43. 72	. 10	9.50	. 72	6.84	1.73	16.44
11 🖓	453290	2618790	3950	2.99	11840	. 60	71.04	. 15	17.76	. 80	9. 47	2. 13	25. 22
12 -	453290	2618810	4000	2, 98	11920	57	67.94	, 21	25.03	. 59	7.03	2.69	32.06
13 🗄	453290	2618830	2228	2.97	6617	. 47	31, 10	. 29	19, 19	44			
14 -	453290		4000		11880		58.21						35. 28
15	453290	2618870	4000	2, 97	11880								36.00
16		2618690					43, 96		. 66	1. 57	2.08	8. 53	11.33
		2618710				1	156.65			1, 40			40. 13
18	453310	2618770		2.97			24.24		4, 75			- 1 - N	5.80
	453310	2618790					79.20		18.00				23.76
20	453310	2618810					74. 15		26.31				1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C
		2618830			11920		63. 18		32.18				31.83
22	453310	2618850			11880		57.02		34.45				
	453310				11920		51.02						
23 24	453330	2618690							33, 38				
	453330	2618590			5536 6640		246.91		2.77				64.88
25 :: 26					6640		220, 45		3.98				
	453330	2618790		3, 05	12200		122.00		15.86			2, 32	
27	453330	1			12160		-115. 52		20.67				30.28
		2618830	- 1		12080		97.85		26. 58				
	453330	2618850	4000	3.01	12040		87, 89		30.10				
30	453330	2618870	4000	3.00			84,00		30.00				32.64
31-	453350	2618690	· · ·		7160		388. 79		2.86			· · · · ·	100.96
	453350	2618710	2500	3. 32	8300		272. 24		6.64				86.07
	453350	2618790	4000	3.12	12480		182.21		11, 23		5, 87	2, 93	36. 57
34	453350	2618810	4000	3.10	12400	1.38	171.12	12	14.88	. 45	5. 58	2.88	35. 71
		· · ·	н. На 19			1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	1.1.1.1		÷				1 A.
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No	X (E)	Y (N)	Volume	S. G.	Tonnage		Cu	Zn		A	u	Å	9
								grade co				grade	content
			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)	(kg)	(g/t)	' (kg)
35	453350	2618830	4000	3.08	12320	119	146.61	. 16	19.71	. 42	5.17	2.81	34, 62
6	453350	2618850	4000		12200		125,66		24. 40		4, 68	2.67	32, 5
37	453350	2618870	4000	3, 03	12120		109, 08		26, 66		· · ·	2. 59	31.3
38	453370	2618690		2.99	5980	. 65			1.79	2.09		8,05	
39 (453370	2618710	1500	3, 19	4785	2. 23	106.71		7. 18	1.74		10.70	51.20
10	453370	2618790	3880	3. 17	12300		223.85	. 06	7.38		4.67		37.8
1.	453370	2618810			12600		210.42		10.08	. 39		2.99	37.6
2	453370	2618830		3. 12	12480	1. 45	1	11 July 1	14.98		4.74		35, 1
3	453370	2618850	4000	3.09	12360	1, 28	158.21		18, 54	. 37		2.67	
4	453370	2618870	4000	3.07	12280	1.14	139, 99	·	22. 10	. 35		2.46	
5	453390	2618690	1000	3.04	3040	1.01	30.70	. 18	5.47	1.83		10.07	
6	453390	2618710	356	3.10	1104	1.40	15, 45	. 31	3.42	1.61		11,85	13; 0
7	453390	2618790	4000	3, 16	12640	1. 78	224.99	. 07	8, 85	. 39	4.93	3.14	
8	453390	2618850	1000	3, 12	3120	1.48	46. 18	. 12	3. 74	. 35	1.09	2.70	
9	453390	2618870	3000	3. 10	9300	1.34	124.62	. 15	13.95	. 32	2.98	2.45	22. 7
			157424		481190		5424.66		75. 16		285.15		1768. 21
	1997 - E	1990 - A.					1997 - E. 1997 -	$e_{ij} = e_{ij} e_{ij} e_{ij}$	1.1		1. A.		
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Na	X (E)	Y (N)	Volume	S. G.	Tonnage		 Cu	- Zn					\a
					•••	· · · · · ·		grade co					-
			(m3)	(t/m3)	(ton)		(ton)			(9/t)		(9/t)	-
3	453270	2618750	2000	3.23	6460	2.38	153.75	.03	1.94	1.01	6, 52	4.40	28.4
2	453270	2618770	2000	3. 45	6900	3. 98			2.07	6 T		5. 79	
			·			برزر برد	1 A A A A A A A A A A A A A A A A A A A		1.1.1				

1 453270 261875	0 2000 3.2	3 6460	2.38 153	75 .03	1.94 1.0	01 6.52 4	40 28.42
2 453270 261877	0 2000 3.4	5 6900	3.98 274	. 62 . 03	2.07 1.	1.	. 79 39. 95
3 453270 261879	0 2000 3.5	1 7020	4.45 312	. 39 . 06	4.21 1.1	50 10.53 6	26 43, 95
4 453290 261869	668 3.2	3 2158	2.31 49	.84 .04	. 86 . (34 1.81 8	
5 453290 261871	0 2000 3.1	7 6340	1.86 117	. 92 . 04	2.54 .	77 4.88 6	49 41.15
6 453290 261873	0 3332 3.1	0 10329	1.42 146	. 67 . 03	3.10		. 93 40. 59
7 453290 261875	io 4000 3.1	7 12680	1.93 244	. 72 . 03		34 10.65 3	and the second
8 453290 261877	0 2400 3.3	9 8136	3. 52 286			9 84 5	
9 453290 261879	0 2000 3.6	6 7320	5.55 406	. 26 . 03 . :			
10 453290 251881	0 4000 3.3	2 13280	3.05 405	.04 .14			47 59.36
11 453290 261883	0 4000 3.0	0 12000	. 69 82	.80 .24		45 5, 40 1	the second se
12 453290 261885	0 4000 2.9	8 11920		75 . 24	28.61	41 4.89 1.	. 81 21. 58
13 453290 261887	0 4000 2.9	6 11840	. 40 47	. 36 . 23			63 19.30
14 453290 261889	0 4000 2.9	4 11760	. 25 29	. 40 . 23	27.05 .:		47 17.29
15 453310 261869	0 4000 3.2	6 13040	2.48 323	39 05	6.52 .8		96 129, 88
16 453310 261871	0 4000 3.1	8 12720	1.91 242	95 .05	6.36 .8		01 101.89
17 453310 261873	0 4000 3.0	8 12320	1. 24 152		4.93 .6		32 53, 22
18 453310 261875	0 4000 3.0	1 12040	. 74 89	10 .03	3.61 .!	55 6.62 2	31 27.81
19 453310 261877	0 4000 3.2	7 13080	2.67 349	. 24 . 04	5. 23 . 9	8 12.82 4	45 58.21
20 453310 261879	0 4000 3.3	9 13560	3.54 480	. 02 . 07	9.49 1.		23 70. 92
21 453310 261881	0 4000 3.2	9 13160	2.80 368	. 48 . 14	18. 42 . 9		24 55, 80
22 453310 261883	0 4000 3.0	B 12320	1.26 155	.23 .21	25.87 .1	58 7.15 2.	56 - 31, 54 - 9
23 453310 261885	0 4000 2.9	9 11960	. 64 76	. 54 . 24	28.70	13 5. 14 1.	90 22. 72
24 453310 261887	0 4000 2.9	8 11920	.51 60	.79 .24	28.61	38 4 53 1.	71 20.38
25 453310 261889	0 4000 2.9	6 11840	40 47	.36 .23	27.23 .	34 4.03 1.	54 18. 23
26 453330 261869	0 4000 3.2	8 13120	2, 62 343	. 74 . 05	6.56 .9	0 11.81 10.	85 142, 35
27 453330 261871	0 4000 3.2	0 12800	2.06 .263	.68 .06	7.68 .8	39 11.39 10.	40 133, 12
28 453330 261875	0 2000 3.1	1 6220	1.46 90	.81 .06	3.73 .	4,67 5	37 33.40
29 453330 261877	0 4000 3.2	0 12800	2.08 266	.24 .07	8.96 .8	10. 75 5.	24 67.07
30 453330 261879	0 4000 3.2	5 13000	2. 52 327	.60 .10	13.00 .8	35 11.05 4.	67 60.71
31 453330 261881	· · · · · · · · · · · · · · · · · · ·		2.30 296	24 . 14	18.03	76 9.79 3.	86 49, 72
32 453330 261883	0 4000 3.1	2 12480	1.52 189	. 70 . 19	23.71 .!	59 7.36 2.	93 36.57
33 453330 261885	0 4000 3.0		1.04 126		25.62 .4	18 5.86 2.	33 28.43
34 453330 261887	0 4000 3.0	1 12040	77 92	.71 .22	26.49 .4	12 5.06 1.	96 23, 60
35 453330 261889	0 4000 2.9	8 11920	. 52 61	98 . 22	26.22 .3	37 4 41 1.	65 19.67
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			- A156 -	-	· · ·		.*
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			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -				

No	X (E)	Y (N)	Voluma	S. G.	Tonnage		Cu		Zn	· · /			lg
		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19			$(A_{i}) = (A_{i})$	grade	content	erade	content	grada	content	grade	conten
		and a second	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	' (g/t)	' (kg)	(g/t)	(kg
36	453350	2618690	4000	3: 31	13240	2, 79	369, 40	. 04	5, 30	. 89	11. 78	11.07	146, 5
37	453350		3332	3, 18		1,89	200, 26		11,66	1. 13			148.4
38	453350	2618770	3000	3, 18		1. 96			8. 59	78		6,35	60.5
39	453350	2618790	4000	3. 22	12880	2. 22		. 11	14. 17	. 70	9.02	4, 82	62.0
40	453350	2618810	4000	3. 20	12800	2, 09		. 13	16.64	. 63	8.05	3,86	49.4
41	453350	2618830	4000	3.13	· · · · ·		201, 57		20.03	: 55		3, 13	39.1
42	453350	2618850	4000	3.08	12320	1. 22		. 18				2.61	
43	453350	2618870	4000	3.03	12120					. 46		2.14	25.9
44	453350	2618890	4000	3, 00	12000	. 68	81.60	. 21				1, 76	21, 1
45	453370	2618690	4000	2.98	11920	. 56		. 22				7.33	87.3
46	453370	2618710	2000	3. 13	6260	1, 54	95.40		19 C 19 C			25.04	156.7
47	453370	2618770	2000		6300		107.73	. 12		. 79		7.65	48.2
48 :	453370	2618790	4000		12760	1. 98	252.65	. 11.		. 52	6. 64		50.6
49	453370	2618810	4000	· · ·	12720		246.77		15.26	. 56		3.88	49.3
50	453370	2618830	4000		12480	1. 49			17, 47			3.31	41.3
51	453370	2618850	4000	3.07	12280		147.36			. 54		2.77	34.0
52 ¹	453370	2618870	4000	3.03			+ 110:29			49		2.25	27.2
53	453370	2618890	4000		12000		85.20		21.60			1, 79	21.4
54 ·	453390	2618690	4000	3.04	12160	. 96	116.74	. 24		1.76		18, 90	Carteria Constanto
55	453390	2618330	520	3.11		1.40		.27				28.84	46.6
55 56	453390	2618810	1000	3, 12	3120	1, 40	22.64			2.41			
	· · · ·						47, 74	. 11-			· ·	3,83	11,9
57	453390	2618830		3.09 3.05	9270	1.33	123.29	. 11.	10, 20	1 A A			~
58	453390	2618850 2618870	4000 4000	3.05	12200	1.01	123, 22 97, 85	. 15		,59 .54	7.20	*	35.5
59 60				3.02	12080	. 65				· ·		2.33	28. 1
60 °	453390	2618890	4000	3.00		. 67	40.20		19, 20 7, 20). 75	21.00
61 62	453410	2618870 2618890	2000	3.00 2.98	11920	. 56			16, 69	. 59	3, 54	2.35	14, 10
	453410			2,00; 							U, 92.	1. 70	20.26
15	2000	. 2	215252		672786		10896: 35	. •	904.97		490. 12		3217.2
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	gical Ore								1997 - Maria	· . • ·	125 ¹ -	111	
ayl	As Safil	: 64					Sec. 1	· . ·		· `	41 <u>-</u> 14	5. C	
ut-o	ff grade	: 0.	20 Cu	•					·		:		a ja
No	X (E)	Y (N)	Volume	S. G.	Tonnage		Cu		 Zn	A	u	A	g
			÷.,		1	grade	content		content				* .
			(m3)	(t/m3)	(ton)	(%)	(ton)		(ton)				(kg
	450070		400					 00					
1	453270	2618730	400 2000	3.16	1264		23.00 101.41			1.16			11.9
2	453270	2618750		3.13 3.04	6260			. 05			7.95		
3.	453270	2618770		3.04	6080	- 98				1.26			33.8
4	453270 453290	2618790	2000			. 54				1.13			19.1
51		2618730	3060	3. 22		2.22	and the second second			1.20		10 C 10 C	102.9
6		2618750	4000	3.19		2.01	256.48			1.29		9.89	1 I I I I I I I I I I I I I I I I I I I
7	453290	2618770	4000	3.09	12360	1.35				1.26		6.90	2 S. C. S.
8	453290	2618790	2960	2.97				. 01		1.21	5		27.6
9	453290	2518810	2400	2.97	7128	. 50						2.44	
10	453290	2618830	2000		5920	· .	25.46	.05		. 30	1, 78		8.2
11	453290	2618850	444	· · · ·	1310		4.85			. 10	. 13		1.1
12	453310	2618690		3.17	12680	1.84	233.31	. 18	20.29	. 59	7.48	7.53	95, 4

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1. 78 224. 99

1.88 238.38

2.17 279.50

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453330

453330

2618710

2618750

2618790

2618830

2618870

2618890

453330 2618690

2618850

2618710

2618810 4000

4000 3.20

4000 3.27

4000 2.96

4000 2.95

4000 2.95

4000 3.16

4000 3.17

3.05

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2.97

2618730 4000 3.24

2618770 4000 3.14

2618730 4000 3.22

4000

4000

12800

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13080

12560

12200

12000

11880

11840

11800

11800

12640

12680

12880

2.04

1,03

. 69

. 54

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261.12

125.66

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1.68 211.01

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22, 75

19.02

15.46 1.00

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10.50 8.79

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17.13 12.09

14.82 7.94

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1.30 1.02

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5.81 7.01

9.00 7.44 94.34

12.88 9.29 119.66

112, 51

138. 28

158, 14

99.73

59.05

36.12

21.62

12, 08

9.32

8.26

88.61

ło	X (E)	Y (N)	Voluma	S. G.	Tonnage				<u>'n</u>	Au		., ., А	
		en en de la composition ante en en de la composition de la comp	(£m)	1+1-2	(ton)	grade (%)	content (ton)		content (ton)			grade (g/t)	conten (kg)
-			(885)	((/m3)	11010	(//)		(~)		· (97 C).	(49)		
26	453330	2618750	4000	3.21	12840	2, 14	274. 78	- 11	14. 12	1.08	13, 87	9.41	120, 8
27	453330	2618770	4000	3, 16	12640	1. 79	226.26	. 12		. 99	12, 51	7.65	96, 7
28	458330	2618790	4000	3.09	12360	1.30	160,68	. 13				5.16	63.7
29 :	453330	2618810		3.04	12160	. 98	119.17	. 12				3.58	43.2
30	453330	2618830	1 N 1 N 1 N 1	3.00	12000	. 73	87.60	, 10					26.8
31	453330	2618850		2.98 2.96	11920 11840	. 55	65.56 54.46	, 08 , 06			2.50 1.30		
32 33	453330 453330	2618870	1. 1. 1. 1. 1.	2, 90	11840	. 40		. 06		1 A		. 68	11:0
34	453350	2618670		3, 11	6220		87.70	. 17					27.4
35	453350	2618690			12440	1	176.65		19.90				55, 8
38	453350	2618710	: : :	3.13	12520	1. 57	196.56	· · · · ·	18. 78		8.01		62. 4
37	453350	2618730	3000	3. 16	9480	1. 78	168, 74	14	13. 27	. 79	7.49	6.34	60.1
38	453350	2618750	3000	3.16	9480	1. 78	168.74	. 15	14.22	. 80	7.58	6, 92	65.6
39	453350	2618770	4000	3.14	12560	1.69	212.26	. 18	22.61	. 72	9.04	6.38	80.1
40	453350	2618790	4000	3.11	12440	1.44	179, 14	. 21	26, 12	. 58	7.22	5.01	62.3
41	453350	2618810	(1) A. A. M.	3.06	12240	1.15	140.76	18				3.70	
42	453350	2618830	4000	3.02	12080	. 84	101.47	. 12				2.38	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
43	453350	2618850	5	2.99	11960	. 67	80,13	. 09		÷		1.59	
44	453350	2618870		2.98 2.97	11920	. 56	66.75 60.59	. 06		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.79		11.2
45 ` 46	453350 453370	2618890 2618650			11880 3120	51 1.50	60.59 46.80	. 06 . 18				62 4.01	7.3 12.5
40 47	453370	2618670	4000		1. State 1.	1. 19		. 15				4.02	
48	453370	2618690	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	3.03	12120	. 89		. 15				1.94	
49	453370	2618710	1 N. A.	3.11	10363	1, 43		14				3.36	1 A A
50 ·	453370	2618770	10 A	3.10	12400	1.41	174.84	. 20				5.55	
51	453370	2618790	4000	3, 13	12520	1.61	201. 57	. 28			5 B. B. B. B.	5.17	64:7
52	453370	2618810	4000	3.05	12200	1.09	132.98	. 18	21.96	. 43	5.25	3.66	44.6
53	453370	2618830	4000	3.02	12080	. 84	101.47	12	14.50	. 35	4. 23	2.14	25.8
54	453370	2618850	4000	3.00	12000	. 70	84.00	. 07	8.40	. 26	3.12	1.23	14.7
55	453370	2618870	4000	2.99	11960	. 62	74.15	. 06				. 80	9.5
56	453370	2618890		2. 98	11920	. 58		05				. 46	. (5. 4
57	453390	2618650	1.1.1	3. 11	2612	1. 43		14			··· 1, 12		8.5
58	453390	2618670	3600	3.06	11016	1.08	118.97	14 14		.81		6.55	72.1
59 60	453390 453390	2618690	- 1	3,04	12160 6100	.95 1.02	116.74 62.22	. 13				7.77	96.5
60 61 ·	453390	2618710 2618810	5. March 19	ं 2. 99	5980	. 63		. 10		1.100 1.10	2.33		15.9
62	453390	2618830	1 - E L	2.99	11960	. 64	76. 54	.07			4, 19	1.1	16. 5
63	453390	2618850	14 B 12	3.00	and the second second	. 74	88.80	. 06	7.20	27	3.24	, 87	10. 4
64	453390	2618870		3. 00	12000	. 70	84.00	.05			2.28	71	8.
65	453390	2618890	4000	2.99	11960	. 63	75.35	. 04	4. 78	. 10	1.20	. 29	3.4
66 ·	453410	2618650	200	3. 08	616	1. 23	7.58	. 14	. 86	. 77			
67	453410	2618670	2000	3.04	6080	. 96	58.37	13	7,90	1, 1, 19	7.24	10.94	66.
68		2618690	A	3.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 67			8. 58			16, 46	
69 ·			1.1	3.01		. 76		1.2		1.38		1 A A A A A A A A A A A A A A A A A A A	
70	453410			2.99		. 68				. 21			
	453410	2618890	· · ·	2.99	· · ·	. 67				· . 14 · . 18	1.1.1	. 14	1 - 1 - 1
12	453430	2018890	2000	2. 99	5980	. 65	30.01						1.1
			238776		731264		8402.76		761.18		14 A		1 4 5 5
· · .					t viev4			· .					
	ogical Or	e Reserve	,	· · ·	•		a ta a						
	As Safil				-	and a			e e instal				
	off grade). 20 Cu		$E_{i} = E_{i} + \frac{1}{2} E_{i$				-1 (¹				
												·	
No	X (E)	Y (N)	Volum	e S.G.	Tonnage				Zn				
		a an					content						
1	a i sa a sa fi A sa a sa sa sa sa		(m3)	(t/m3) (ton)	(%)	(ton)		(ton)				
 	462070	061070		2 00	1615		10 70			1.1			
1		261873		3.03			13.79					6,66	
2	453270 453270	261875		3.05	4575 7800				5 2.74 5 3.90): 8 . 89) 14 04	
	453270	261879		3. 12			190.73			1.34		14.04 17.20	
-		*0 (Q 13)			1020	*• f4				1.04	1.41.11	29	103.0

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٩N	X (E)	Y (N)			Tonnage		Cú		Zn				10
	an an an an Anggan ang Anggan ang Anggan an Anggan an Anggan an Anggan ang Anggan ang Anggan ang Anggan ang Ang			(t/m3)	(ton)	grade (%)			content (ton)			grade (g/t)	
 К :	453290	2618690	1000	3, 03	3030		26, 06		1.21	7 36	7. 15	A. R7	
	453290			3.02			49.53			1.81			28.4
	453290						96.64		· · · · ·	1.09			58.1
	453290	2618760		3.04	12160		117.95			.88			84.8
	453290	2618770	•	1.1			171.12			1.08	· · · · ·	· · ·	147, 1
	453290	2618790		3, 16			226.26			1.38			224.6
1		2618810		3. 16			111,86			1.33			108.6
	453310		1 1 1 1 L	3.06		1.08			1 A A	2.33			17,9
3		2618690			12120		104.23			2.51			57.5
· .	453310	2618710		100 A 100 A 100 A	12160		114.30		12, 16			··· · · ·	59, 5
	453310						102.68		13.29		· · · · ·		50.8
		2618750		3.00		्र २ ०				. 70		1 1 A A	41.5
	453310			3.10		1.40				. 92			113.7
	453310			3.17		1.86				1.11			173.8
	453310	2618810			12720	1, 93				1.14	1 1 1 L		190.0
	453310	2618830				2.03				1.06			136. 5
1	· ·	2618850		3, 19		1, 99				. 98	(1) A. (1) A. (2) A.		43.5
2		2618670				1.27				1.89		1 A A	54.5
3		2618690			12320		155.23		16.02				94, 6
	453330	2618710			12280		139.99	· · · ·	1 I.	1. 78		1.1.4	59.1
5		2618730			12240		135.86	· · · · ·		1.25			46.8
		2618750	10 A 10 A	3.08	12320		156.46		16.02				57.0
	453330	2618770		3.16	· · · ·		-224, 99		11.38				84.5
8		2618790		3.23			289.41					1 I I I I I I	116.8
9		2618810					301.97						
0		2618830					273.49				9.63		132. 7
1:		2618850		3.20	12800		257.28	1.1	1			10.60	135.6
2	453330	2618870		3. 17	12680	1,87	1. S.					10: 54	
3	453330	2618890		3.16	12640	1.75				× .	8. 22	10.36	130.9
4.	453350	2618650		3.15	3150	1. 71					2. 68	4.84	15.2
5	453350	2618670		3.10	12400	1. 40				10 A. 11	14. 51	4. 78	59.2
6	453350	2618690	4000	3.08	12320	1.27	156, 46	. 22	27.10	1.33	16.39	4.35	53.5
7.	453350	2618710	17 N	3.11	12440	1, 44	1.14			A DECEMBER OF A	16.67	⁵ 3, 55	44.1
8	453350	2618730	化化二乙酰氨酸 化氟	3.09	12360	1.31	161.92		27. 19	1.34	16. 56	3.90	48.2
9	453350	2618750	4000	3. 15	12600	1. 72	216.72	. 14	17.64	1.01	12.73	4, 23	53. 3
0	453350	2618770	4000	3, 25	13000	2.37	308.10	. 10	13,00	. 67	8.71	5.11	66. 4
۱È.	453350	2618790	4000	3.32	13280	2.89	383. 79	. 07	9.30	. 44	5.84	5. 32	70.6
2	453350	2618810	4000	3. 29	13160	2.68	352.69	. 06	7.90	. 40	5. 26	5. 78	76.0
3	453350	2618830	4000	3.21	12840	2.09	268.36	. 04	5.14	.47	6.03	6.88	88. 3
4	453350	2618850	4000	3.17	12680	1.85	234 58	. 03	3,80	51	6.47	7.46	94.5
5	453350	2618870	4000	3.13	12520	1. 58	197.82	. 03	3. 76	. 50	6.26	7. 47	93. 5
6	453350	2618890	4000	3. 12	12480	1. 47	183.46	. 03	3. 74	49		7.68	
7	453370	2618650	3000	3. 18	9540	2.00	190.80	. 33	31.48	.63	S # 1 5 #	4. 90	
8	453370	2618670	4000	3.14	12560	1.67				2 2 A 2 A	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.	55.3
9	453370	2618690	4000	3.05	12200	1.05	128, 10	. 19	23. 18	. 25	C1 D.A.	4.4.11	18. 1
0	453370	2618710	4000	3.07	12230	1. 13	138.76	. 22		Se 2 10		3.41	
1	453370	2618730	4000	3.08	12320	1.25	N. A. 17				18. 48		
2	453370	2618750	4000	3.14	12560	1.63	the second se						48.6
3	453370	2618770	240.11	3. 26	13040	2.41	12 A. A. A.				9, 00		
4	453370	2618790	· • • • • •	3.40	5 G	3. 40	1 1.11		7			3.84	·
5	453370	2618810	a 1963 a ta	3. 26	13040	2. 42		1.1.1.1.1				3. 27	
6	453370	2618830	an in Near	3.16	12640	1. 78		5 is			2.78		- 14 mar - 1
7	453370	2618850		3.11	12440	1.39	1. 1. N. P. 1. 1.	1	2 K - 1 - 1 - 1 - 1 - 1 - 1			3. 92	
8	453370	2618870	10 A.		. s. 17 A	1.26						4.64	
i9	453370	2618890		3.08	12320	1.21							61.
0	453390	2618630		3.23		2.31				· · · · · ·			5, 1
\$1 _.	453390	2618650		3.29		2. 79	 1.2.4.1 				:		81.
52	453390	2618670	14 A A A A A A A A A A A A A A A A A A A		2 C	1.85		·		1			79.8
33	453390	2618690	10.11	3.08	1 A A A	1, 29						6, 18	
54	453390	2618710		3.05		1.01						5. 23	
65	453390	2618750	1000	3.09	3090	1.27	7 39,24	1 06	2.4	1. 54	4.70	6 🗄 3, 67	5 M.

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10	X (E)	Y (N)	Volume	\$.G.	Tonnaga	Cu	- Z		Au			19
		n line.	1.1	1		grade content			grade e	ontent	grade	conten
			(m3)	(t/m3)	(ton)	(%) (ton)	(%)	(ton)	(9/t)	(kg)	(9/t)	(kg
66	453390	2618770	4000	3, 15	12600	1. 72 216, 72	. 07	8.82	. 89	11.21	3, 39	42.7
67	453390	2618790	4000	3, 16	12640	1.80 227.52	. 05	6. 32	. 34	4. 30	2.79	35. 2
68	453390	2618810	4000	- 3, 10	12400	1.36 168.64	. 03	3, 72	. 12	1.49	1.84	22,8
69	453390	2618830	4000	3,04	12160	. 91 110.66	. 02	2. 43	.06	. 73	1.09	13. 2
70	453390	2618850	4000	3, 03	12120	. 87 105. 44	. 02	2.42	. 08			14.
71	453390	2618870	4000	3.05	12200	. 97 118. 34	. 02	2.44	. 15	1.83	2.16	26. 3
72	453390	2618890	4000	3, 05	12200	. 99 120. 78	. 02	2.44	17:::		2.82	
13	453410	2618630	600	3. 26	1956	2.57 50.27	. 51	9, 98	. 74	1, 45	8.51	12.
14	453410	2618650	4000	3.23	12920	2.33 301.04	. 50	64,60	. 90	11.63	7.51	97, 0
15	453410	2618670	4000	3, 15	12600	1. 78 224. 28	. 44	55.44	1. 19	14.99	9.14	115.
16	453410	2618690	4000	3, 07	12280	1.18 144.90	, 38	46.66	1, 57	19, 28	11, 44	140.
17	453410	2618750	1200	3. 02	3624	.80 28,99	. 06	2.17	1.63	5.91	3, 82	13.1
78	453410	2618770	1000	3. 03	3030	. 86 26.06	. 04	1.21	. 99	3.00	2.87	8.
19	453410	2618830	4000	2.96	11840	. 38 44. 99	. 01	1.18	.01	. 12	. 10	1
30	453410	2618850	4000	2.99	11960	. 59 70. 56	. 01	1. 20	. 03 :	. 36	34	4. (
31	453410	2618870	4000	3.00	12000	. 68 81. 60	. 02	2.40	. 05	. 60		9
32	453410	2618890	4000	3.01	12040	. 74 89. 10	01	1.20	. 07	. 84	1.34	16.
33	453430	2618630	828	3. 22	2666	2.31 61.59	. 50	13.33	. 95	2.53	7.90	21.
34	453430	2618650	3200	3. 18	10176	2.00 203.52	. 47	47.83	1.15	11.70	9.04	91.
35	453430	2618670	2400	3.11	7464	1.50 111.96	. 42	31.35	1.44	10.75	10.53	78.
36	453430	2618690	1000	3.07	3070	1.18 36.23	. 35	10.74	1.65	5.07	10.53	32.
17	453430	2618870	2000	2.97	5940	. 48 28. 51	. 01	. 59	. 00	. 00		
38 ·	453430	2618890	4000	2, 98	11920	. 51 60. 79	. 01:	1.19	.00		. 28	
9	453450	2618890	2000	2.96	5920	. 36 21. 31	. 00	. 00	. 00	. 00	.00	

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		298560	÷ .	931714		4261.97		1149.19	z en u	786.46		5673. 25
a da								1	- 1921 1932	ap for a		$\{i_1, \dots, i_r\}$
eological Ore	Reserve	1. L									1 . T	
ayl As Safil	: 6	20 m	5 - 15 - 15 1		1.1							
ut-off grade	: 0	. 20 Cu		a fille Alta a fille	en en pres Terrapia						an sh	
No X(E)	Y (N)	Volume	s. G.	Tonnage	1 A. A. J.	Cu	Z		e de la seconda de la secon	۱u		Ag
		1.1				content					in a state	
	-	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(g/t)	(kg)
1 453290	2618750	668	2. 98	1991	. 52	10.35	. 26	5, 18	. 40	. 80	3.08	6. 13
2 453290	2618770	2000	2. 98	5960	54	32. 18		14.90	. 56	3. 34	3.86	23.01
3 453290	2618790	3332	2.97	9890	. 47	46. 51	. 29	28.70	. 79	7.82	5.11	50.57
4 453310	2618730	2000	2. 99	5980	. 61	36. 48	. 45	26.91		3. 17	5.00	29.90
5 453310	2618750	3720	2, 98	11086	. 51	56. 54	. 22	24, 39	r	2,66	2.11	23. 39
6 453310	2618770	4000	3.01	12040	. 75	90.30	. 24	28, 90	. 46	5. 54	3, 50	42. 14
7 453310	2618790	4000	3.03	12120	. 86	104.23	.24	29.09	. 63	7,64	4, 45	53. 93
8 453310	2618810	3332	3. 02	10063	. 84	84. 53	. 24	24, 15	. 67	6.74	4, 58	46.09
9 453310	2618830	2000	3.05	6100	1.00	61.00	. 22	13.42	.63	3.84	4.42	26. 96
10 453310	2618850	668	3.05	2037	. 99	20.17	. 20	4.07	. 58	1, 18	4.04	8.23
11 453330	2618690	1000	3.01	3010	. 83	24. 98	. 53	15, 95	. 72	2. 17	6. 92	20.83
12 453330	2618710	3000	3.03	9090	. 85	77.26	. 92	83.63	. 90	8. 18	9.78	88. 90
13 453330	2618730	4000	3. 02	12080	. 75	90.60	. 58	70.06	. 65	7.85	6.53	78.88
14 453330	2618750	4000	3.03	12120	. 88	106.66	. 35	42.42	. 46	5. 58	4.22	51.15
15 453330	2618770	4000	3.09	12360	1.26	155.74	. 22	27.19	. 42	5.19	3.63	44.87
16 453330	2618790	4000	3.13	12520	1.57	196.56	. 17	21.28	. 45	5.63	3.83	47.95
17 453330	2618810	4000	3.14	12560	1.61	202.22	. 15	18.84	47	5, 90	3.89	48, 86
18 453330	2618830		3, 10	12400	1.39	172.36	. 15	18.60	. 46	5.70	3. 59	44. 52
19 453330	2618850		3. 08	12320	1. 25	154.00	. 15	18, 48	. 45	5. 54	3.40	41.89
20 453330	2618870	- 194 - E	3.06	12240	1.09	133. 42	. 15	18.36	. 41	5.02	2.93	35.86
21 453330	2618890	- 196 g -	3.04	12160	. 96	116.74	. 14	17.02	. 37	4. 50	2.44	29.67
22 453350	2618670	1. 1. 1. E. F.	3.20	3200	3. 37	107.84	. 44	14,08	. 57	1. 82	5.06	16, 19
23 453350	2618690	1997	3, 05	12200	1.27	154.94	. 52	63.44	. 58	7.08	5.84	71.25
24 453350	2618710	the second second	3.05	12200	. 98	119.55	. 86	104.92	. 79	9, 64	9.54	116.39
25 453350	2618730	4000	3.03	12120	. 84	101.81	. 60	72. 72	. 76	9.21	7.08	85.81

No	X (E)	Y (N)	Volume	S. G.	Tonnage		Cu		Zn	¢.	iu	A	g
		н 	(m3)	(t/m3)	(ton)	grade (%)	content (ton)	grade (%)	content (ton)		content		content
26	453350	2618750	4000	3.07	12280	1. 15	141.22	. 33	40, 52	. 59	7.25	4, 86	59.68
27	453350	2618770	4000	3, 18	12720	1.91		. 18	22.90	. 42	5.34	4.05	51, 52
28	453350	2618790	4000	3.27	13080	2.54	332.23	.09	11.77	. 31	4.05		47.61
29	453350	2618810	4000	3.24	12960	2.32		. 07	9.07	. 29	3, 76		42. 38
30. 31	453350 453350	2618830 2618850	4000 4000	3. 14	12560	1. 52		. 09	11.30	. 31	3.89	1 - A - L	36.05
32	453350	2618830	4000	3.09 3.05	12360 12200	1.32 1.02			12.36	. 32 . 30	3.96	2.59	32.01 26.47
33	453350	2618890	4000	3.03	12120	.87			13. 33	. 26	3.15	1.73	20.97
34	453370	2618670	3000	3. 42	10260	6.18		50	51,30	. 65	6.67	and the second second	56.22
35	453370	2618690	4000	2.97	11880	. 50	59.40	15	17.82	. 18	2. 14	1.26	14.97
36	453370	2618710	4000	3.01	12040	. 78	93. 91	, 46	55, 38	. 71	8.55	6.00	72.24
37	453370	2618730	4000	3.00	12000	. 67		j . 4 0.	48.00	. 86	10.32	5,66	67.92
38 39	453370 453370	2618750 2618770	4000	3.08	12320	1.21	1. A.	, 35	43. 12	. 75	9.24	5.86	72.20
40	453370	2618790	4000 4000	3. 21 3. 37	12840 13480	2, 11		, 16	20.54	. 46	5.91	4,39	56.37
41	453370	2618810	4000	3. 23	12920	3.20 2.28		.03	4, 04 3, 88	. 24 . 19	3.24 2.45	3.65 2.68	49.20 34.63
42	453370	2618830	4000	3, 13	12520	1, 56	1 1 1 N	.05		. 17	2.13	1.93	24. 18
43	453370	2618850	4000	3.06	12240	1, 11	135.86	. 07	8. 57	. 18	2.20	1.60	19, 58
44	453370	2618870	4000	3, 03	12120	. 90	109.08	. 08	9. 70	. 18	2. 18	1.35	16.36
45	453370	2618890	4000	3.02	12080	. 80		. 08	9,66	. 17	2.05	1.13	13.65
46 47.:	453390 453390	2618650	520	4. 12	2142	12.23		. 91	19.50	1.18	2, 53	9,58	20. 52
41. 48	453390	2818670 2618690	4000 4000	3.57 3.22	14280 12880	7.63 2.99	1089, 56 385, 11	. 50 . 31	71, 40 39, 93	.81 .69	11, 57 8, 89	6,65 5,58	94.96 71.87
49	453390		4000	3.06	12240	1.01	123, 62	. 31	37.94	. 82	10.04	6.09	74. 54
50 ·	453390	2818730	4000	3.01	12040	. 75		47	56. 59	1. 19	14. 33	8.36	100.65
51	453390	2618750	4000	3.06	12240	1.11	135.86	. 33	40.39	. 90	11,02	6.76	82.74
52	453390	2618770	4000	3.14	12560	1.60		. 18	22.61	. 62	7.79	5.46	68. 58
53	453390		4000	3.16	12640	1. 79	· · · · ·	. 06	7, 58	31	3, 92	3, 48	43.99
54 55	453390 453390	2618810 2618830	4000 4000	3, 10 3, 03	12400 12120	1.38 .89		.02	2,48 3,64	- 15 - 08	1.86 .97	1.95 .90	24. 18 10. 91
56	453390	2618850	4000	3.01	12040	. 17		. 04	4.82	. 08	. 96	. 65	7.83
57 ·	453390	2618870	4000	3.01	12040		92. 71	. 06	7. 22	. 10	1.20	. 71	8. 55
58	453390	2618890	4000	3.01	12040	. 73		. 06	7. 22	. 10	1.20	. 58	6. 98
59	453410	2618650	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	3.90	5460	9.81		. 61		1.00	5.46	7.88	43. 02
60 61	453410 453410	2618670 2618690	4000 4000	3.62 3.27	14480 13080	2. 52	1044.01 329.62	. 44 . 24	63, 71 31, 39	. 93 . 89	13.47	7.58	109.76
62	453410	2618710	1993 - Sec. 1993	3.14	.9420		153, 55	. 30	the second second	. 95	11.64	7.73	101.11 70.56
63	453410	2618730	1000	3.07	3070	1.11		. 34	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.03	1.1.1.1.1.1.1.1	7.87	24. 16
64	453410	2618750	2000	3.04	6080	. 94	57. 15	. 30	18.24	. 99		7.77	47.24
65	453410	2618770	3500	3.05	10675	. 99		. 17		. 73	7. 79	6, 21	66. 29
66	453410	2618790	2500	3.00	7500	. 70		. 06	4.50	. 48	1. S. S. S. S. S.	4. 42	33. 15
67 68	453410 453410	2618810 2618830	3000 4000	2.93 2.95	8790 11800	. 22 . 34	19.34 40.12	. 02		• 16 • 04	- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	1.45	12.75
69	453410	2618850	4000	2. 98	11920	. 53	63, 18	. 04		.04		.08 .24	. 94 2. 86
70	453410	2618870	4000	2. 98	11920	. 58		.04	4.77	. 04		20	2.38
71	453410	2618890	4000	2.98	11920	. 57	67.94	.05	5.96	.04	. 48		1. 79
72	453430	2618650	3200	3. 83	12256	7. 33		. 36	44. 12	. 84	10.30	6.14	75. 25
73	453430	2618670	2.57	3.63	14520	- C	874.10	. 30	43.56	. 86	12.49	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	96.70
74 75	453430 453430	2618690 2618830	2000 1000	3.38 2.94	6760 2940	3, 53 , 30	- 1 - 1 - 1 - 1	. 25 . 04	16.90 1.18	. 89	6.02		49.01
76	453430	2618850	2000	2. 96	5920	. 38	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.04		. 10	. 29 . 30	, 66 , 18	1.94
.77	453430	2618870	3332	2. 96	9853	. 42		04		. 03	. 30	. 02	. 20
78	453430	2618890	2.52	2. 96	11840	. 41	48. 54	. 04	4. 74	. 02	. 24	. 00	. 00
79	453450	2618650	3760		14514	6. 74	978. 22	17		. 69	10.01		63.86
80	453450	2618670		3.70	7400	5. 72		. 20		. 76	5.62	5.44	40.26
81 82	453450 453450	2618870 2618890	168 2500	2.95	496 7375	. 34	1.69	.04	. 20	. 08	. 04	. 51	- 25
83	453470	2618650	1000	1 N N N	7375 3820		241.81	.03		. 03	. 22 2. 67	. C7 4. 56	. 52 17. 42
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¢,	an an an a'		275600	n e se Reference	862313	ab 1950 Haria	16059.30		1936. 14		412.04	en drig St	3426. 34
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o	X (E)	Y (N)	Volume	S. G.	Tonnage	C			in j	A			â
	and and a second se	e distai Maria	1-21	4.1.31	(****)	grade (%)			content (ton)				
			(m3)	(t/m3)	(ton)	(n)	*******		((00)	(g/t)	(xg)	(9/ t)	(kg
i	453290	2618790	820	2.96	2427	. 42	10, 19	. 49	11, 89	. 35	. 85	2.43	5.9
2	453310	2618750	600	2, 98	1788	. 57	10.19	. 86	15. 38	. 75	1.34	4.50	8.0
3	453310	2618770	2600	2, 99	7774	. 60	46.64	54	41.98	. 44		3.17	24.6
4	453310	2618790	3200	2. 98	9536	. 58	55. 31	. 44	41.96	34		2.67	
5 [:]	453310	2618810	3000	2. 98	8940	, 55	49. 17	. 42	37. 55	. 31		2, 50	
6	453310	2618830	1000	2. 99	2990	. 59	17.64	. 39	11.66	. 29	. 87	2.47	7.3
7	453330	2618710	744.	2. 98	2217	. 53	11.75	1.62	35. 92	1.36	3. 02		17.4
8	453330	2618730	3000	2.98	8940	. 56	50.06	1.14	101.92	1.09	9. 74	5.60	50.0
9	453330	2618750	4000	3.00	12000	. 67	80.40	. 75	90.00	. 76	9. 12	4.18	50. 1
0	453330	2618770	4000	3.01	12040	. 77	92.71	. 50	60.20	- 51	6.14	3.43	41.3
1	453330	2618790	4000	3.02	12080	. 82	99.06	40	48. 32	. 37	4.47	3.17	38. 2
2	453330	2618810	4000	3.02	12080	. 82	99.06	. 33	39.86	. 29	3.50	2.87	34.6
3	453330	2618830	4000	3.00	12000	. 72	86.40	. 30	36.00	. 23	2.76	2.40	28.8
4	453330	2618850	3668	3.00	11004	.65	71. 53	. 28	30.81	. 20	2.20	2.09	23.0
5	453330	2618870	3000	2.98	8940	. 57	50.96	. 26	23. 24	- 14	1.25	1.56	13.9
6 _	453330	2618890	2332	2.97	6926	. 50	34.63	, 23	15, 93	07	. 48	1.01	7.0
7	453350	2618690	1000	2.99	2990	. 61	18.24	. 71	21.23	. 77	2.30	3,81	11.8
8	453350	2618710	4000	2.98	11920	. 56	66.75		95.36	. 94	11.20	3.91	46, 6
9	453350	2618730	4000	2.99	11960	. 58	69.37		83. 72	. 93	11.12	3.37	40.3
0	453350	2618750	4000	3.00	12000	. 72	86.40	50	60.00	. 72		2.96	⁻ 35. 5
1	453350	2618770		3.04	12160	. 96	116.74	38	46.21	. 48	5, 84	3.36	40.8
2	453350	2618790	4000	3.06	12240	1.13	138.31	. 25	30.60	. 32	3. 92	3.49	42.
3	453350	2618810	4000	3.05	12200	1.04	126.88	- 1 - E - E - E - E - E - E - E - E - E	26.84	. 25	3.05	3,06	37.3
1	453350	2618830	4000	3. 02	12080	. 80	96.64	. 22	26. 58	. 20		2.30	27.
5	453350	2618850	4000	3.00	12000	. 58	81.60	. 21	25. 20	. 15	1.80	1.82	21.8
5	453350	2618870	4000	2.98	11920	. 56	66.75	20	23.84	- 11		1.25	14.5
7	453350	2618890	4000	2.97	11880	. 47	55.84	19	22. 57	.05	. 59	. 72	8,5
3	453370	2618690	3000	3.00	9000	. 68	61.20	. 13	11.70	. 35	3.15	1.26	11.3
9	453370	2618710	4000	3. 00	12000	. 67	80.40	. 30	36.00	- 63	7.56	1.77	21.2
)	453370	2618730	400 0	2.98	11920	. 56	66.75		16.69	. 77	9. 18	. 30	3.5
ţ.	453370	2618750	4000	3.01	12040	. 75	90.30	. 27	32.51	. 69	8.31	しちゃく しちゃ	24. 2
2	453370	2618770	4000	3.05	12200	1.02	124.44	. 24	29. 28	. 49	5.98	3.00	36.6
3	453370	2618790	4000	3.09	12360	1.31	161.92	. 19	23.48	. 30	3.71		46.9
1	453370	2618810	4000	3.05	12200	1.06	129.32	. 15	18.30	- 21	2.56	2.76	33.6
5	453370	2618830	4000	3.02	12080	. 79	95. 43	. 13	15.70	. 13	1.57		21.7
5	453370	2618850	4000	2.99	11960	. 62	74.15	. 13	15.55	. 10	1.20	1.28	15.3
1	453370	2618870	- 5 5	2.98	11920	. 52	61.98	14	18.69	.06	. 72	. 85	10. 1
3 : 5	453370	2618890	4000	2.97	11880	. 46	54,65	. 14	16.63	. 03	. 36	51	6.0
9.	453390	2618670	1000	3.04	3040	. 94	28.58	, 07	2.13	- 28	1 C C C C C	1.93	5.8
))	453390	2618690	1 M (1 H 1 H 1 H 1	3.05	12200	1.05	128, 10	11	13. 42	. 35	4.27	1.78	21.7
1	453390 453390	2618710	f	3.04	12160		111.87	- 10 March 10	13.38	. 52	6.32	1.54	18.7
2	453390	2618730 2618750	4000	3.01	12040	. 74	89.10	. 13	15.65	. 74	8.91	1.79	21.5
3 4	453390	2618730	 Null 1 	3.01	12040	. 78	93.91	. 13	15.65	. 78	9.39	2.53	30.4
4 5	453390	2618790	1. A.	3.03	12120	. 92	111.50	. 14	16.97	. 64	7.76	2.87	34.7
5	453390	2618810	4000 4000		12160	1.00 .85	121.60		14.59	. 35	4.26	2.63	31.9
1	453390	2618830			12080 11960	, 62	102.68	. 08	9.66	. 17	2.05	1.73	20.9
3	453390	2618850	4000	2.99	20.00		1997 - C. 1997 -	. 06	7.18	. 07	.84	. 95	11.3
	453390	2618870	4000	1995 a.	11920	. 51	60.79	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	7.15	. 05	. 60		7.6
,)	453390	2618890	4000	2.97 2.97	11880 11880	. 48 . 44	57.02 52.27	.08 .09	9, 50 10, 69	. 04	- 48 - 00	. 53	6.3
, []	453410	2618670	3000	3. 10	9300	. 44 1. 33	123.69	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	11.16	.00	5.44 S \$ 1.44	. 26	3.0
2	453410	2618690	4000	3. 10	12600	1. 33	212.94	. 12 . 14		. 36	3.35	2.87	26.6
2. 3	453410	2618710	4000	3.15	12600	1.69	129.74	. 14	17.64 14.69	. 25	3.15 8.20	2.44	30.7
4	453410	2618730	4000	3.08	12240	. 76	91. 50	. 09	10.84		10.1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	31.2
5 5	453410	2618750	4000	3.01	12040	. 76		09	10.84	95	11.44		37.5
5 6	453410	2618770	4000	1.1	12040	. 14	89. 10 109. 08		10.84	100 D. 2	12.28	4.02	48.4
9 7	453410	2618790	4000	3.03	12120	. 90		. 09	(a) the fit of the	· 78	9.45	4, 24	51.3
ß	453410	2618810	1 A A A A A A A A A A A A A A A A A A A	3.02 2.99	11960	. 82	99.06	.06	7.25	. 54	6.52	2.55	30.8

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No	X (E)	Y (N)	Volume	s. a.	Tonnage	(Cu	Z	n		u ·	1	\g
		5 1 2				-	content			· · · ·		·	
			(m3) -1	(t/m3)	(ton)	(%)	(ton)	(%)	(tòn)	(g/t)	(kg)	(g/t)	(kg)
59	453410	2618830	4000	2.96	11840	. 37	43.81	. 02	2.37	01	. 12	. 08	. 9
60	453410	2618850	4000	2.97	11880	42	49, 90	. 03	3.56	02	. 24	. 25	2.9
61	453410	2618870	1. A. M.	2.97	11880	. 42	49, 90	. 04	4.75	00		1. A.	2. 1
62	453410	2618890	1.1.1	2, 96	11840	. 39	1.1	, 05			. 00		1
6 3	453430	2618670	10 C 4 C 4	3.20	12800	2.01	257. 28	. 23	29.44		6. 78	1.1	
64	453430	2618690	1	3.13	12520		191, 56	. 21	26, 29	- 68	8.51		45.0
65 	453430	2618710	1	3.06	12240	1.05	128, 52	. 13		100 B	11.51		44.6
36 ∷ 87	453430 453430	2618730 2618750	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	2.97 3.03	6534 7272	. 45	29.40	. 06	3.92	1 - F	8.82		
68 ·		2618770	1. A.	3.06	9180	.85 1.06	61.81 97.31	,08 ,09	5.82 8.26		9.46	6.06	
69 ·	and the second	2618790	the second second		3050	1.00	30.50	. 07	2.13		2.23		16.2
70		2618810	1111	· ·	3000	. 67	20.10	.04	1.20	. 29	. 87		6.4
71	453430	2618830		1	8910	. 47	41, 88	. 02	1.78	. 09			6.4
12 -	453430	2618850	1 N N N	2.96	11840	. 39	46, 18	. 02	2.37	. 02	1 A.	. 26	1 1 1 L L L L L L
73	453430	2618870	A 15 1	2.96	11840	. 38		. 02	2.37	. 00	.00	.06	7
74	453430	2618890		2.96	11840	. 36	42.62	. 03	3. 55	. 00	. 00	. 00	. 00
75	453450	2618670	948	3.22	3053	2. 18	66.55	. 45	13.74	. 89	2. 72	5. 26	16.0
76	453450	2618690	2000	3.15	6300	1. 68	105. 84	, 30	18.90	. 95	5.99	4.91	30.9
17.	453450	2618850	1000	2.98	2980	, 50	14.90	. 02	. 60	. 13	. 39	1.31	3.9
78	453450	2618870	3000	2.97	8910	. 44	39.20	. 02	1. 78	. 06	. 53	. 73	6.5
79	453450	2618890	4000	2.96	11840	. 38	44. 99	. 02	2.37	. 00	. 00	. 18	2. 1
80	453470	2618650	1	3, 39	3390	3. 33	112.89	. 36		1.39		11.33	38.4
31.	453470	2618670			6580	2.69	177.00	, 38	25.00			9.63	· ·
32	453470	2618690	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.19	1914		37. 32	, 35	6, 70	1.24	2.37		÷
33		2618650	14 A.	3.39	4041	3.36		. 39	2 C 1	2.27		19.00	
34 ·	453490	2618670	600	3.32	1992	2.87	57.17	, 38	7.57	1.85	3.69	14. 42	28.7
			272904		823918		6726. 55		1784. 45	·	350. 16		2029.9
y I	ogical Ore As Safil	Reserve : 60	m 00		823918		6726. 55		1784. 45		350. 16		2029. 9
iy I	-	Reserve : 60	m 00		823918		6726. 55		1784. 45		350. 16	· · · · · · · · · · · · · · · · · · ·	2029. 9
iyi it-i	As Safil	Reserve : 60 : 0.	00 m 20 Cu		623918 Fonnage	c		Zi	n ^{3 1}			A	9
iyi it-i	As Safil off grade	Reserve : 60 : 0.	00 m 20 Cu Volume	S. Q.	Tonnage	C grade	u content	Zi gradě (n content	grade (L	 A grade	 9 conten
yl ht-i	As Safil off grade	Reserve : 60 : 0.	00 m 20 Cu			c		Zi	n ^{3 1}	grade (A grade	9
iyi it-i	As Safil off grade	Reserve : 60 : 0.	00 m 20 Cu Volume (m3)	S. Q.	Tonnage	C grade	u content	Zi gradě (n content	grade (u content (kg)	 A grade	 9 conten
y] t-0	As Safli off grade X (E) 453310	8 Reserve : δι : 0. Υ (Ν)	00 m 20 Cu Volume (m3) 332	S.G. (t/m3)	Tonnage (ton)	C grade (%) 1.28 1.21	u content (ton)	Zi grade ((%)	n content (ton) 5, 54 34, 51	grade ((g/t) . 42 . 33	J content (ks) 2.71	grade (g/t) 2.60 2.23	g conten (kg) 2,6
yI t-t 0	As Safli off grade X (E) 453310	2618770 2618770 2618770 2618790	00 m 20 Cu Volume (m3) 332 2668	S.G. (t/m3) 3.09	Tonnage (ton) 1026 8217 6140	C grade (%) 1.28	u content (ton) 13.13	Zi grade (%) .54 .42 .31	n content (ton) 5, 54 34, 51 19, 03	grade ((9/t) . 42 . 33 . 23	L content (kg) . 43 2. 71 1. 41	grade (g/t) 2.69 2.23 1.91	9 conten (kg 2, 6 18, 3 11, 7
yl t-c 0 1 2 3	As Safil Sif grade X (E) 453310 453310 453310 453330	2618750 2618750 2618750 2618770 2618730	00 m 20 Cu Volume (m3) 332 2668 2000 1332	S.G. (t/m3) 3.09 3.08 3.07 3.09	Tonnage (ton) 1026 8217 6140 4116	C grade (%) 1.28 1.21 1.15 1.31	u content (ton) 13. 13 99. 43 70. 61 53. 92	Zi grade (%) . 54 . 42 . 31 . 68	n (tan) 5, 54 34, 51 19, 03 27, 99	grade ((9/t) . 42 . 33 . 23 . 54	J content (kg) 2.71 1.41 2.22	grade (g/t) 2.60 2.23 1.91 3.00	9 conten (kg 2, 6 18, 3 11, 7 12, 3
yl 1 2 3 4 5	As Safil Dif grade X (E) 453310 453310 453310 453330 453330	 Reserve 6(0. Y (N) 2618750 2618770 2618770 2618730 2618750 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.09 3.08	Tonnage (ton) 1026 8217 6140 4116 11297	C grade (%) 1.28 1.21 1.15 1.31 1.27	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48	Zi grade (%) . 54 . 42 . 31 . 68 . 56	n (tan) 5.54 34.51 19.03 27.99 63.27	grade ((9/t) . 42 . 33 . 23 . 54 . 44	L content (kg) 2.71 1.41 2.22 4.97	grade (g/t) 2.60 2.23 1.91 3.00 2.67	9 conten (kg) 2, 6 18, 3 11, 7 12, 3 30, 1
yl 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330	 Reserve 6 0. Y (N) 2618750 2618770 2618770 2618730 2618750 2618770 2618770 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.08 3.07	Tonnage (ton) 1026 8217 6140 4116 11297 12280	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13	Z, grade (%) .54 .42 .31 .68 .56 .38	n (ton) 5, 54 34, 51 19, 03 27, 99 63, 27 46, 66	grade ((g/t) . 42 . 33 . 23 . 54 . 44 . 29	J content (ke) 2.371 1.41 2.22 4.97 3.56	grade (g/t) 2. 69 2. 23 1. 91 3. 00 2. 67 2. 18	9 conten (kg 18, 3 11, 7 12, 3 30, 1 26, 7
yl t-0 1 2 3 4 5 5 5 7	As Safil Dif grade X (E) 453310 453310 453310 453330 453330 453330 453330	2618750 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618770	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.09 3.08 3.07 3.05	Tonnage (ton) 1026 8217 6140 4116 11297 12280 12240	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.10	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54	Z grade (%) 54 . 42 . 31 . 68 . 56 . 38 . 21	5.54 34.51 19.03 27.99 63.27 46.66 25.70	grade ((g/t) . 42 . 33 . 23 . 54 . 44 . 29 . 16	L content (ks) 2.71 1.41 2.22 4.97 3.56 1.96	grade (9/t) 2.69 2.23 1.91 3.00 2.67 2.18 1.69	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6
yl t-c o 1 2 3 4 5 5 7 8	As Safil Dif grade X (E) 453310 453310 453310 453330 453330 453330 453330 453330	 Reserve 6 0. Y (N) 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618781 	00 m 20 Cu Volume (m3) 332 2668 2000 1332 3668 4000 4000 2000	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.07 3.08 3.07 3.06 3.05	Tonnage (ton) 1026 8217 6140 4116 11297 12280 12240 6100	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61	Z, grade (%) 54 .42 .31 .68 .56 .38 .21 .12	n content (ton) 5:54 34:51 19.03 27.99 63:27 46:66 25:70 7.32	grade ((g/t) . 42 . 33 . 23 . 54 . 44 . 29 . 16 . 09	content (ke) 43 2.71 1.41 2.22 4.97 3.56 1.96 55	A grade (g/t) 2.23 1.91 3.00 2.67 2.18 1.69 1.37	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6 8, 3
yi 1 2 3 4 5 5 7 8 9	As Safil off grade X (E) 453310 453310 453330 453330 453330 453330 453330 453330 453330 453330 453330 453330	2618750 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618710	00 m 20 Cu Volume (m3) 332 2668 2000 1332 3668 4000 4000 2000 2000 2000	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.09 3.08 3.07 3.06 3.05 3.09	Tonnage (ton) 1026 8217 6140 4116 11297 12280 12240 6100 6180	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.00 1.01 1.30	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34	Z (%) 54 . 42 . 31 . 68 . 56 . 38 . 21 . 12 . 60	5:54 34:51 19:03 27:99 63:27 46:66 25:70 7:32 37:08	grade ((g/t) . 42 . 33 . 23 . 54 . 44 . 29 . 16 . 09 . 51	L content (ke) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 . 55 3. 15	grade (9/t) 2.69 2.23 1.91 3.00 2.67 2.18 1.69 1.37 2.83	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6 8, 3 17, 4
yi t	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453330 453330 453350 453350	 Reserve 6 1 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618710 2618730 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 4000	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.07 3.06 3.05 3.09 3.09	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12240 6100 6180 12369	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.01 1.30	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92	Z, grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72	5:54 34:51 19:03 27:99 63:27 46:66 25:70 7:32 37:08 88:99	grade ((g/t) . 42 . 33 . 23 . 54 . 44 . 29 . 16 . 09 . 51 . 58	J content (ke) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 . 55 3. 15 7. 17	A grade (9/t) 2. 69 2. 23 1. 91 3. 00 2. 67 2. 18 1. 69 1. 37 2. 83 3. 10	9 conten (kg) 2, 6 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6 8, 3 17, 4 38, 3
yi t- 0 1 2 3 4 5 5 7 8 9 0	As Safil off grade X (E) 453310 453310 453330 453330 453330 453330 453330 453330 453350 453350 453350	 Reserve 61 0. Y (N) 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618710 2618730 2618730 2618750 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 2000 4000	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 08 3. 07 3. 06 3. 05 3. 09 3. 09 3. 09 3. 09	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12280 12260 12280	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 2.10 1.01 1.30 1.31 1.30 1.31 1.19	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92 145, 13	Z(grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72 .53	n content (ton) 5:54 34:51 19.03 27.99 63:27 46:66 25:70 7.32 37.08 88.99 65.08	grade ((9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43	J content (ke) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 . 55 3. 15 7. 17 5. 28	A grade (9/t) 2. 69 2. 23 1. 91 3. 00 2. 67 2. 18 1. 69 1. 37 2. 83 3. 10 2. 60	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6 8, 3 17, 4 38, 3 31, 9
yI 10 12 34 5 5 7 8 9 10 12 12 12 12 12 12 12 12 12 12	As Safil off grade X (E) 453310 453310 453330 453330 453330 453330 453330 453350 453350 453350 453350 453350	 Reserve 6 1 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618710 2618710 2618730 2618750 2618770 2618770 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 2000 2000 2000 2000 4000 4000	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 09 3. 05 3. 09 3. 09 3. 09 3. 07 3. 07	Tonnage (ton) 1026 8217 6140 4116 (1297 12280 12240 6100 6180 12369 12280 12280	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.31 1.30 1.31 1.19 1.19 1.15	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92 145. 13 141. 22	Z(grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72 .53 .24	5:54 34:51 19:03 27:99 63:27 46:66 25:70 7:32 37:08 88:99	grade ((9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19	J content (ke) 2 43 2 71 1 41 2 22 4 97 3 56 1 96 55 3 15 7 17 5 28 2 33	A grade (9/t) 2. 69 2. 23 1. 91 3. 00 2. 67 2. 18 1. 69 1. 37 2. 83 3. 10 2. 60 1. 89	s conten (kg 18, 3 11, 7 12, 3 30, 1 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2
yi t- 0 1 2 3 4 5 5 7 8 9 0 1 2 3	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453330 453350 453350 453350 453350 453350 453350 453350 453350	 Reserve 6 1 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618710 2618730 2618750 2618770 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 2000 2000 4000 4000 4000	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 09 3. 05 3. 09 3. 09 3. 09 3. 09 3. 07 3. 07 3. 07	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12240 6100 6180 12369 12280 12280 12280	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.01 1.30 1.31 1.19 1.15 1.07	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92 145. 13 141. 22 130. 54	Z(grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72 .53	n content (ton) 5:54 34:51 19.03 27.99 63:27 46:66 25:70 7.32 37.08 88:99 65.08 29:47 12.20	grade ((9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43	L content (kg) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 55 3. 15 7. 17 5. 28 2. 33 . 98	grade (g/t) 2. 60 2. 23 1. 91 3. 00 2. 67 2. 18 1. 69 1. 37 2. 83 3. 10 2. 60 1. 89 1. 50	s conten (kg 18, 3 11, 7 20, 6 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2 18, 3
yi t- 1 2 3 4 5 5 7 8 9 0 1 2 3 4 5 5 7 8 9 0 1 2 3 4 5 5 7 8 9 0 1 2 3 4 5 5 5 7 8 9 0 1 1 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	As Safil off grade X (E) 453310 453310 453330 453330 453330 453330 453330 453350 453350 453350 453350 453350	 Reserve 6 1 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618710 2618710 2618730 2618750 2618770 2618770 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 2000 2000 4000 4000 4000 4000	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 09 3. 05 3. 09 3. 09 3. 09 3. 07 3. 07	Tonnage (ton) 1026 8217 6140 4116 (1297 12280 12240 6100 6180 12369 12280 12280	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.31 1.30 1.31 1.19 1.19 1.15	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92 145. 13 141. 22	Z(grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72 .53 .24 .10	content (ton) 5:54 34:51 19.03 27.99 63:27 46:66 25:70 7.32 37.08 88:99 65:08 29:47 12:20	9rade ((9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19 . 08 . 05	L content (kg) 2.71 1.41 2.22 4.97 3.55 1.96 55 3.15 7.17 5.28 2.03 .98 4.61	A grade (g/t) 2. 60 2. 23 1. 91 3. 00 2. 57 2. 18 1. 69 1. 37 2. 83 3. 10 2. 60 1. 89 1. 50 1. 17	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2 18, 3 14, 1
y1 t- 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 5 7 8 9 0 1 2 3 4 5 5 7 8 9 0 1 2 3 4 5 5 5 7 8 9 0 1 1 2 3 4 5 5 7 8 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453330 453350 453350 453350 453350 453350 453350 453350 453350 453350	 Reserve 61 0. Y (N) 2618750 2618770 2618770 2618770 2618770 2618770 2618710 2618730 2618750 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618770 2618790 261870 2618790 261870 261870 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 2000 2000 200	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 08 3. 07 3. 06 3. 05 3. 09 3. 09 3. 09 3. 09 3. 07 3. 07 3. 07 3. 05 3. 03 3. 02	Tonnage (ton) 1026 8217 6140 4116 (1297 12280 12240 6100 6180 12369 12280 12280 12280 12200 12120	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.31 1.19 1.15 1.07 .92	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 54 61. 61 80. 34 161. 92 145. 13 141. 22 130. 54 111. 50	Z(grade (%) 54 .42 .31 .68 .56 .38 .21 .12 .60 .72 .53 .24 .10 .05	content (ton) 5:54 34:51 19.03 27.99 63:27 46:66 25:70 7.32 37.08 88:99 65:08 29:47 12:20 6:06	9rade ((9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19 . 08 . 05	L content (kg) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 55 3. 15 7. 17 5. 28 2. 33 . 98	A grade (g/t) 2. 60 2. 23 1. 91 3. 00 2. 57 2. 18 1. 69 1. 37 2. 83 3. 10 2. 60 1. 89 1. 50 1. 17	9 conten (kg) 18, 3 11, 7 12, 3 30, 1 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2 18, 3 14, 1 10, 9
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y1 	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453370 453370 453370 453370	 Reserve 64 0. 2618750 2618770 2618770 261870 2618750 261870 261870 261870 261870 261870 261870 2618800 2618800 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618710 2618730 2618750 	00 m 20 Cu Volume (m3) 332 2568 2000 1332 3668 4000 4000 4000 4000 4000 4000 4000 4	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.07 3.06 3.05 3.09 3.09 3.09 3.09 3.07 3.07 3.07 3.07 3.07 3.07 3.02 3.01 3.00 2.99 3.11 3.07	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12280 12260 12260 12280 12280 12200 12120 12000 12120 12000 12120 12000 12980 12000 12980 12160 12200	C 9rade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.15 1.01 1.30 1.31 1.19 1.15 1.07 2.83 78 78 70 68 1.43 1.15 94 1.03	u content (ton) 13, 13 99, 43 70, 61 53, 92 143, 48 146, 13 134, 54 61, 61 80, 34 161, 92 145, 13 130, 54 111, 50 100, 26 93, 91 84, 00 78, 94 88, 95 141, 22 114, 30 125, 66	Zi (%) 54 42 31 68 58 21 12 60 72 53 24 10 05 53 24 10 05 05 04 03 02 41 49 57 44	content (ton) 5.54 34.51 19.03 27.99 63.27 46.66 25.70 7.32 37.08 88.99 65.08 29.47 12.20 6.06 6.04 4.82 3.60 2.39 25.50 60.17 69.31 53.68	9rade (9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19 . 08 . 05 . 02 . 00 . 00 . 34 . 52 . 61 . 42	J content (kg) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 5. 55 3. 15 7. 17 5. 28 2. 33 . 98 61 . 24 . 00 . 00 2. 11 6. 39 7. 42 5. 12	grade (9/t) 2.60 2.23 1.91 3.00 2.57 2.18 1.69 1.37 2.83 3.10 2.60 1.89 1.50 1.17 .91 2.75 .47 .16 2.39 2.70 2.81 2.60	9 conten (kg) 2, 6 18, 3 11, 7 12, 3 30, 1 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2 18, 3 14, 1 10, 9 9, 0 5, 6 1, 9 14, 8 33, 1 34, 1
1 2 3 4 5 6 7 8 9 0 11 12 13 14 15 16 17 8 9 0 11 22 23	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453370 453370 453370 453370 453370	 Reserve 64 0. 2618750 2618770 2618770 2618790 261870 261870 261870 261870 261870 261870 261870 261880 2618850 2618870 2618870 2618800 2618870 2618870 2618870 2618870 2618870 2618710 2618710 2618750 2618750 2618770 	00 m 20 Cu 20 Cu (m3) 332 2568 2000 1332 3668 4000 4000 2000 2000 2000 2000 2000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000	S. G. (t/m3) 3. 09 3. 08 3. 07 3. 09 3. 08 3. 07 3. 06 3. 05 3. 09 3. 07 3. 07 3. 00 3. 07 3. 00 3. 00	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12280 12280 12280 12280 12280 12280 12000 12120 12000 12000 12000 12000 12000 12200 12200 12200 12200	C grade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.01 1.30 1.31 1.19 1.15 1.07 .92 .83 .78 .70 .66 1.43 1.15 .94 1.03 1.03 1.03	u content (ton) 13. 13 99. 43 70. 61 53. 92 143. 48 146. 13 134. 64 61. 61 80. 34 146. 13 134. 64 161. 92 145. 13 141. 22 130. 54 111. 50 100. 26 93. 91 84. 00 78. 94 88. 95 141. 22 114. 30 125. 66	Zi (%) 54 42 31 68 56 38 21 12 60 72 53 24 10 05 53 24 10 05 05 24 10 05 53 24 10 05 53 24 10 05 57 44 23	content (ton) 5.54 34.51 19.03 27.99 63.27 46.66 25.70 7.32 37.08 88.99 65.08 29.45 6.04 4.82 3.60 2.39 25.50 60.17 69.31 53.68 28.06	9rade (9/t) . 42 . 33 . 23 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19 . 08 . 05 . 02 . 00 . 00 . 00 . 34 . 52 . 61 . 42 . 16	J content (kg) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 5. 55 3. 15 7. 17 5. 28 2. 33 . 98 6. 61 . 24 . 00 . 00 2. 11 6. 39 7. 42 5. 12 1. 95	grade (9/t) 2.60 2.23 1.91 3.00 2.57 2.18 1.69 1.37 2.83 3.10 2.60 1.37 2.60 1.50 1.17 .91 .50 1.17 .16 2.39 2.70 2.81 2.60 1.99	g conten (kg) 2, 6 18, 3: 11, 7 12, 3 30, 1; 20, 6 8, 3 17, 4 38, 3 31, 9 23, 2 18, 3 14, 1 10, 9 9, 0 5, 6 1, 9 14, 8 33, 1 34, 1 34, 1 31, 7 24, 2
yt- 0 12345678901234567890112	As Safil off grade X (E) 453310 453310 453310 453330 453330 453330 453330 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453350 453370 453370 453370 453370	 Reserve 64 0. 2618750 2618770 2618770 261870 2618750 261870 261870 261870 261870 261870 261870 2618800 2618800 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618710 2618730 2618750 	00 m 20 Cu 20 Cu (m3) 332 2568 2000 1332 3668 4000 4000 4000 4000 4000 4000 4000 4	S.G. (t/m3) 3.09 3.08 3.07 3.09 3.08 3.07 3.06 3.05 3.09 3.09 3.09 3.09 3.07 3.07 3.07 3.07 3.07 3.07 3.02 3.01 3.00 2.99 3.11 3.07 3.04 3.05	Tonnage (ton) 1026 8217 6140 4116 1297 12280 12280 12260 12260 12280 12280 12200 12120 12000 12120 12000 12120 12000 12980 12000 12980 12160 12200	C 9rade (%) 1.28 1.21 1.15 1.31 1.27 1.19 1.15 1.01 1.30 1.31 1.19 1.15 1.07 2.83 78 78 70 68 1.43 1.15 94 1.03	u content (ton) 13, 13 99, 43 70, 61 53, 92 143, 48 146, 13 134, 54 61, 61 80, 34 161, 92 145, 13 130, 54 111, 50 100, 26 93, 91 84, 00 78, 94 88, 95 141, 22 114, 30 125, 66	Zi (%) 54 42 31 68 58 21 12 60 72 53 24 10 05 53 24 10 05 05 04 03 02 41 49 57 44	content (ton) 5.54 34.51 19.03 27.99 63.27 46.66 25.70 7.32 37.08 88.99 65.08 29.47 12.20 6.06 6.04 4.82 3.60 2.39 25.50 60.17 69.31 53.68	9rade (9/t) . 42 . 33 . 54 . 44 . 29 . 16 . 09 . 51 . 58 . 43 . 19 . 08 . 05 . 02 . 00 . 00 . 34 . 52 . 61 . 42	J content (kg) . 43 2. 71 1. 41 2. 22 4. 97 3. 56 1. 96 5. 55 3. 15 7. 17 5. 28 2. 33 . 98 61 . 24 . 00 . 00 2. 11 6. 39 7. 42 5. 12	grade (9/t) 2.60 2.23 1.91 3.00 2.57 2.18 1.69 1.37 2.83 3.10 2.60 1.89 1.50 1.17 .91 2.75 .47 .16 2.39 2.70 2.81 2.60	9 conten (kg 18, 3 11, 7 12, 3 30, 1 26, 7 20, 6 8, 3 31, 9 23, 2 18, 3 14, 1 10, 9 9, 0 5, 6 14, 8 33, 1 34, 1 34, 1 31, 7

No	X (E)	Y (N)	Volume	• \$. G,	Tonnage)u	Z				Ao	
		in the second	(m3)	(t/m3)	(ton)	gradə (%)	content (ton)		content (ton)	grade (g/t)	content (kg)	grade c (g/t)	ontent (kg)
26	453370	2618830	4000	2. 99	11960	. 63	75.35	. 04	4, 78	, 02	. 24	. 68	8, 13
27	453370	2618850	4000	2.99	11960	. 64	76, 54	.05	5.98	.00	. 00	. 56	6, 70
28	453370	2618870	4000	2.99	11960	. 60	71.76	. 03	3, 59	. 00	.00	. 31	3.71
29	453370	2618890	4000	2.98	11920	. 58	69.14	. 02	2.38	. 00	.00	.06	. 72
30	453390	2618690	4000	3.03	12120	.91	110, 29	. 23	27.88	. 45	5, 45	1.90	23. 03
31	453390	2618710	4000	3.03	12120	. 87	105, 44	. 32	38.78	161	7.39	2.54	30.78
32	453390	2818730	4000	3, 02	12080	. 82	99.06	. 38	45, 90	. 67		3, 25	39, 26
33	453390	2618750	4000	3.02	12080	81	97.85	. 32	38.66	. 53		3.25	39. 26
34	453390	2618770	4000	3.02	12080	- 84	101.47	. 19	22.95	. 26	3.14		30.08
35	453390	2618790	4000	3.01	12040	. 74	89.10	. 08	9.63	11	1.32		17,70 -
36	453390	2618810	800	2.97	2376	. 50	11.88	.04	. 95	. 06	. 14		
37	453390	2618830	4000	2.97	11880	. 50	59.40	04	4, 75	.03	. 36	. 38	
38	453390	2618850	4000	2.97	11880	. 51	60.59	. 04	4.75	.00	.00		3.68
39	453390	2618870	4000	2.97	11880	51	60.59	. 03	3.56		. 00	. 17	
40	453390	2618890	4000	2.97	11880	. 50	59.40	. 02	2.38		.00		.00
41	453410	2618670	252	3.01	759	. 75	5.69	. 09	. 68	. 35	. 27	10 A 1	1.51
42	453410	2618690	140	2.97	416	48	2.00	. 05	21		.24	90 3.22	. 37
43	453410	2618710	4000	2.99	11960	. 63	75.35	. 19	22.72	. 80	9.57		38, 51 53, 70
44	453410 453410	2618730 2618750	4000	2, 99 2, 99	11960	. 62 . 62	74. 15	. 24 . 23	28.70 27.51	. 91 80	9, 57		53. 70
45 46	453410	2618750	4000	2,99	11960 11960	. 61	74.15	. 15	17.94	. 80 . 56			37.91
47	453410	2618790	4000	2.99	11930	. 53	63. 18	. 13	8.34	. 32			21.46
48	453410	2618730	4000	2.97	and a second	47	55.84	. 03		. 20		. 36	4.28
40 ⁻¹	453410	2618830	4000	2.96	11840	42	49.73	. 02	2.37	15	1. 78		. 83
50	453410	2618850	4000	2.96	11840	. 44	52.10	. 02	2.37	. 10	1. 18	13	1.54
51	453410	2618870	4000	2.96	11840	. 45	53. 28	. 03	3. 55	.07	. 83		. 24
52	453410	2618890	4000	2,96	11840	, 42	49. 73	. 01	1. 18	.04	. 47	. 00	. 00
53	453430	2618670	400	3.03	1212	. 91	11.03	. 13	1.58	. 37		3.26	3.95
54	453430	2618690	4000	3.00	12000	. 69	82.80	. 12	14.40	. 69		3.64	43.68
55	453430	2618710	4000	2.97	11880	. 50	59.40	+	15.44	1.02	12.12		56.67
56	453430	2618730	4000	2.97	11880	46	54.65	. 17	20. 20	1.23	14.61	6.60	78.41
57	453430	2618750	4000	2.97	11880	49	58.21	. 18	21.38	1.00	11.88	5.46	64.86
58	453430	2618770	4000	2.97	11880	. 50	59.40	. 14	16.63	. 73	8.67	3.73	44.31
59	453430	2618790	4000	2.97	11880	46	54, 65	. 07	8.32	. 60	7.13	2.04	24.24
60 ,	453430	2618810	4000	2.96	11840	. 43	50, 91	. 03	3, 55	. 42	4. 97	. 49	5.80
61	453430	2618830	4000	2, 96	11840	. 42	49.73	. 02	2, 37	. 32	3. 79	. 04	. , 47
62	453430	2618850		2.98		. 42	49. 73	. 02	2.37	. 26	3.08	. 02	. 24
63	453430	2618870	4000	2.96	11840	. 40	47.36	. 01	1, 18,	- 22	2. 60	. 00	n a 00
64	453430	2618890	4000	2, 96		. 40	47.36	. 01	1.18	. 18	2, 13	00	. 00
65	453450	2618670	612	3.09	1 - E C C - E	1. 32	24.96	. 21	3.97	. 22	. 42	4.54	8. 59
66		2618690	4000	3.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 68	81.60	. 15	18.00		11.64		71.28
67.	453450	2618710	2800	2.96	8288	. 42	and a start of a second se	- 14		1.30	10.77	· .	57.10
6B	and the second second	2618730	1600	2.95		. 43		.15		1.25	5. 92		31.26
69 70	453450	1 A A A A A A A A A A A A A A A A A A A	668	2.97	1979 B.	. 44	10 A 24 A	. 15	2.98	1, 12		1 A A A A	11.76
70	453450	2618870	1000	2.96	2960	. 40	11.84	. 01		. 42	1.24	1	. 00
71 72	453450 453470	2618890 2618670	3000	2,95	100 C	. 38	33.63	- 01		. 40		.00 6.58	.00
73			800	3.02		. 86		17:		1.19		6 J. A. # 5.	15.90
74	453470 453490	2618690 2618670	340 1200	2.94 3.03	1. J. H. H.	. 28 . 87	2.80 31.63	. 12 . 18		1.66 2.02	1.66	8.69	8.69 28.18
75		2618690	800	3.03		. 86	20.85	- 1 J. H.	1.1	2. 02	5. 79		28. 18
76		2618670	3500	3.03	10640	. 93		. 18 . 19		2.39		5.60 7.66	
77	453510		1080	3.14	1.4.4.1.2	1.43	98.95 48.03	. 24	· * * ;		11.72		1. A.
78	453530	2618670	2500	3.03	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	. 88	46. US 66. 66		(1) (1) (1) (1)	1.1.101	17.04	et al la seconda	
79		2618690	1016	3.03	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 88	27.09	. 16		2.58		11.00	- X 3 *
	453630			3, 53		4. 33	226. 22	1.01		3.25	1.1.1	28.05	en da antes de la
					++67 			·					
			251988	: 3 X	758520		5836. 21		1340. 75	i shere Tanan	354.05	e e d	830, 98
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	na an							an a			i tiri Seni	n n A gan	the second
	an an					n de di Recei			169 - 1 172	an a	n na an a' sea Tha an an an An		
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Geological Ore Reserve Hayl As Safil : 590 m Cut-off grade : 0.20 Cu

	X (E)	Y (N)	VOLUNE	0.0.	Tonnaga		Cu		Zn	1 A A A A A A A A A A A A A A A A A A A	λu -		1 9
	n oraș Maria		(m3)	(t/m3)	(ton)	grade (%)	content (ton)	grade (%)	content (ton)	grade (g/t)		grade (g/t)	
	453330	2618750	1000	2.99	2990	 FA	17 64						6, 1
2	453330	2618770	3000	2.95	· · · · · ·	- 59		. 53	15,85	42		2.07	
: 3 ¹	453330	1. S		1 A A	8910	. 48	42.77					and the second second	
· · ·	1. A.M. 1. A.M	2618790		2.95	11800	- 38	44.84	二 首 えん ジ	the second second second			1.04	
	453330 453350	2618810	2000	2.95	5900	. 33				2.1		. 71	
•		2618730	2000	3.00	6000	• 68	40.80		1. C	. 56			15.6
	453350	2618750	1.00	2.98	11920	. 57	67.94	- 48		41		2.14	
	453350	2618770	4000	2.96	11840	. 40	1	. 22	26,05	. 18		1.30	
	453350	2618790		2.95	11800	. 33		. 10	11.80	.07	. 83		10.1
) 	453350	2618810	4000	2.94	11760	. 33	and the second	.06		.03	. 35		7.1
) 1. 1.	453350	2618830	3000	2.94	8820	. 32				. 02	. 18		····4.1
l' 	453350	2618850	1000	2.94	2940	. 30				- 02	. 06		1.(
2 ⁶¹	453370	2618710	1000	2.96	2960	. 43	12. 73		9, 77	· · · ·		3.74	
}	453370	2618730	4000	2.99	11960	. 60	71, 76	2	52, 62	1 A A A A A A A A A A A A A A A A A A A	6.94	3. 20	
4	453370	2618750	4000	2.98	11920	. 56				. 40	4. 77	2.44	29.0
5	453370	2618770		2.96	11840	. 44	52.10			. 20		1. 53	18.1
\$.	453370	2618790	4000		11760	. 30				.04	. 47		
ſ	453370	2618810	4000	2.95	11800	. 38	44.84			. 04	. 47	. 67	
3	453370	2618830		2.95	11800	. 39	46.02		5.90	02	. 24	- 41	
9	453370	2618850		2.95	11800	. 34	40. 12	. 06		02	. 24	. 33	3.6
)	453370	2618870		2.94	10349	. 29		, 07		. 02	. 21		3.
۱ <u>.</u>	453370	2618890	1. 10	2.94	10584	. 29	30.69	. 08	8.47	. 02	. 21	. 32	3. :
2	453390	2618710	3000	2, 99	8970	- 63	56, 51	. 25	22. 42	. 86	7, 71	5.25	47. (
ļ	453390	2618730	4000	3.01	12040	. 74	89, 10			. 66	7.95	4, 39	52, 8
	453390	2618750	4000	3,00	12000	. 69	82.80	. 26	31.20	. 46	5. 52	3.37	40.
; ·	453390	2618770	4000	2.98	11920	. 56	66.75	. 18	21.46	- 28	3.34	2.21	26. :
1	453390	2618790	4000	2.97	11880	47	55.84	. 09	10.69	12	1.43	1.21	14.3
	453390	2618810	4000	2.97	11880	. 49	58.21	. 05	5,94	.05	. 59	. 64	7.6
۱.	453390	2618830	4000	2.98	11920	53	63, 18	. 05	5.96	03	. 36	. 40	4
1	453390	2618850	4000	2.97	11880	46	54.65	. 05	5.94	02	. 24	. 29	3.4
Ì.	453390	2618870	3200	2.95	9440	. 36	33, 98	.06	5.66	. 02	. 19	. 29	2.
1.11	453390	2618890	3600	2.94	10584	. 31	32. 81	. 07	7.41	. 02	. 21	. 30	3.
	453410	2618690	1000	3.04	3040	. 97	29.49	. 18	5. 47	1. 42	4.32	7.96	24.2
1	453410	2618710	4000	3.05	12200	1.00	122.00			i, 98	11.96	6. 57	80. 1
ŧ ·	453410	2618730	4000	3.05	12200	1.04	126.88	. 24		. 81	9.88	5.93	72. 3
5	453410	2618750	4000	3.04	12160	. 93	113.09			. 65	7. 90	4, 91	59.7
3	453410	2618770	4000	3.01	12040	75	90.30		for a second second	39		3, 17	
;	453410	2618790	4000	2.99	11960	. 64				20	4. A 199 (1997)	1. 73	
ŝ	453410	2618810		2.99	11960	. 61	72.96			04	. 48		5.0
9	453410	2618830	4000	3.00	12000	. 67				.02	. 24		2.8
	453410	2618850	4000	2.98	11920	57	67, 94		i si sa sa	. 02	. 24		3.
	453410	2618870	4000	2.97	11880	. 47			1	. 02			2.9
2	453410	2618890		2.96	7 1 1	. 39				. 02	. 24	1 A A A	3.1
• }	453430		1 A	(1) (1) (2) (4)	9360	1.48	1			1.96	18.35		
1	453430	2618710		3.10	12400	1.38					16.00		
	453430	2618730	3720	3.08	11458	1.21	138.64			91		6.99	
4	453430	2618750	(1) (1) (2) (2)	3.06	11016	1, 10				78		5.93	
	453430	2618750		3.04	12160	. 10	110.66		the second se	44	and the second second	5. 93 3. 50	- 1 - A
	453430	2618790	and the second	3.04	12160	. 91					5.35	10 A 10 A 10	
	2.80.00	and the second		3.00	12040				10.84 4.80	.21	2.53	1.84	22.
ч.	453430	2618810	<u>`</u> .	1.1 A 199 A 19		. 69		1. N.		. 06	. 72		6, 9
че .	453430	2618830	1	3.00	12000	. 65			3.60	. 02	. 24		
	453430	2618850	4000	2.99	11960	. 62	74.15		1	01	. 12		2
1,2 11	453430	2618870	4000	2.98	11920	. 52		and the second second		01	. 12	· · ·	26 1. 9
	453430	2618890	15 A 16	2.96	11840	43	and the second	. 05	 A state 	00	.00		1
	453450	2618690	4000	3.21	12840	2.13	1 N N			2.60		13.08	
5	453450	2618710	4000	3, 16	12640	1.74				1.92	24. 27		
5	453450	2618730	2000	3. 12	6240	1, 48		1.1.1		1.21		7.61	
7	453450	2618750	2000	3.08	6160	1.23				, 78	4.80	5.66	34.8
3	453450	2618850	1000	2.99	2990	. 61	18.24	. 04	1.20	. 00	. 00	. 09	- 1.1 · •

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No	X (E)	Y (N)	Volum	в \$.G.	Tonnage		Cu	:	Zn		Au		Ag
			(m3)	(t/m3)	(ton)				content (ton)	grade	content		conter
59	453450	2518870	3000	2, 98	8940	. 54	48.28	.04	3, 58	. 00	. 00	. 00	. 0
50	453450	2618890	4000	2.97	11880	. 17	55,84	05		. 00	.00	. 00	.0
51	453470	2618690	4000	3, 27	13080	2.56	334.85	17	e se al a	3.28	42.90		204.9
52 ·	453470	2618710	2000	3, 26	6520	2.63	171.48	. 18	11, 74	2. 28	14. 97	12.02	78. 3
53	453470	2618890	2000	2, 97	5940	. 48	28. 51	. 05	2, 97	.00	.00	. 00	.0
54	· · ·	2618670	1000	3,60	3600	5, 89	212.04	. 22	7.92	3. 08	11.09	18.54	66.7
35	453490	2618690	2400	3, 56	8544	5.64	481.88	. 20	17.09	3, 12	26.66	18, 65	159. 3
66	453510	2618670	3000	3.69		6.69	740.58	. 29	32.10	2.64	29. 22	17.48	193. 5
67	453510	2618690	1600	3.95	6320	8.67	547.94	. 23	14, 54		23.45		164.8
68	453530	2618650	668	3. 52		5.97	144.36	. 33	7,98	. 68		6.88	16.6
69 ·	453530	2618670	4000	3.64	14560	5.94	864.86	. 35	50,96	2.17	Contract New York		. 211. 1
70. 71	453530 453550	2618690 2618650	2800 600	3.53	9884	4.30	425.01	40	39.54	3. 18	31, 43	2000 A.C.A.	178.6
72	453550	2618670	2400	3.60 3.56	2160 8544	5.64	121.82	. 35	7, 56	1.15		8,96	19.3
73	453550	2618690	2000	3.50	7000	4.91 4.19	419, 51 293, 30	. 37	31, 61 25, 90	1.93	17.36	12.27	104.8
			237708		726651		8992.08		1187.17		487.18		
	n de la comunicación A comunicación de la comunicación d				120001		0002.00		1101.11	3	401.10		3065.5
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No	X (E)	Y (N)	Volume	S. G.	Tonnage		່	2			u		\g
	de esta	14 g		1.54				grade	content	grade	content	grade	conten
• •	a di se di se	5											
		e en en la sectoria. La sectoria	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(9/t)	(Kg
•	459990	0610770											
1		2618770	1000	2.97	2970	, 51	15. 15	. 48	14. 26	. 90	2.67	2, 03	6. 0
2	453330	2618790	1000 3000	2.97 2.97	2970 8910	, 51 , 52	15. 15 46. 33	. 48 . 27	14. 26 24. 05	. 90 . 45	2.67 4.01	2. 03 1. 46	6. 0 13. 0
2 3	453330 453330	2618790 2618810	1000 3000 1000	2.97 2.97 2.97 2.97	2970 8910 2970	. 51 . 52 . 52	15. 15 46. 33 15. 44	. 48 . 27 . 15	14. 26 24. 06 4. 46	. 90 . 45 . 21	2,67 4,01 .62	2.03 1.46 1.03	6. 0 13. 0 3. 0
2 3 4	453330 453330 453350	2618790 2618810 2618770	1000 3000 1000 3000	2.97 2.97 2.97 2.98	2970 8910 2970 8940	, 51 , 52 , 52 , 56	15, 15 46, 33 15, 44 50, 06	. 48 . 27 . 15 . 30	14. 26 24. 06 4. 46 26. 82	. 90 . 45 . 21 . 53	2, 67 4, 01 , 62 4, 74	2.03 1.46 1.03 1.66	6. 0 13. 0 3, 0 14. 8
2 3 4 5	453330 453330 453350 453350	2618790 2618810 2618770 2618790	1000 3000 1000 3000 4000	2.97 2.97 2.97 2.98 2.98 2.98	2970 8910 2970 8940 11920	. 51 . 52 . 52 . 56 . 55	15. 15 46. 33 15. 44 50. 06 65. 56	. 48 . 27 . 15 . 30 . 13	14. 25 24. 05 4. 46 26. 82 15. 50	. 90 . 45 . 21 . 53 . 17	2, 67 4, 01 62 4, 74 2, 03	2.03 1.46 1.03 1.66 1.20	6. 0 13. 0 3. 0 14. 8 14. 3
2 3 4	453330 453330 453350 453350 453350	2618790 2618810 2618770 2618790 2618810	1000 3000 1000 3000 4000 4000	2.97 2.97 2.97 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920	. 51 . 52 . 52 . 56 . 55 . 53	15. 15 46. 33 15. 44 50. 06 65, 56 63. 18	. 48 . 27 . 15 . 30 . 13 . 07	14. 26 24. 06 4. 46 26. 82 15. 50 8. 34	. 90 . 45 . 21 . 53 . 17 . 05	2.67 4.01 .62 4.74 2.03 .60	2.03 1.46 1.03 1.66 1.20 .91	6. 0 13. 0 3. 0 14. 8 14. 3 10. 8
2 3 4 5 6	453330 453330 453350 453350 453350 453350	2618790 2618810 2618770 2618790	1000 3000 1000 3000 4000 4000 3000	2.97 2.97 2.97 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940	. 51 . 52 . 52 . 56 . 55 . 53 . 54	15. 15 46. 33 15. 44 50. 06 65, 56 63. 18 48. 28	. 48 . 27 . 15 . 30 . 13 . 07 . 06	14. 26 24. 06 4. 46 26. 82 15. 50 8. 34 5. 36	. 90 . 45 . 21 . 53 . 17 . 05 . 02	2, 67 4, 01 62 4, 74 2, 03 , 60 , 18	2.03 1.46 1.03 1.66 1.20 .91 .64	6.0 13.0 3.0 14.8 14.3 10.8 5.7
2 3 4 5 6 7	453330 453330 453350 453350 453350 453350 453350	2618790 2618810 2618770 2618790 2618810 2618830 2618850	1000 3000 1000 3000 4000 4000 3000 1000	2.97 2.97 2.97 2.98 2.98 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940 2980	.51 .52 .52 .55 .55 .53 .54 .55	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05	14. 26 24. 06 4. 46 26. 82 15. 50 8. 34	. 90 . 45 . 21 . 53 . 17 . 05 . 02 . 02	2, 67 4, 01 62 4, 74 2, 03 , 60 . 18 . 06	2.03 1.46 1.03 1.66 1.20 .91 .64 .42	6.0 13.0 3.0 14.8 14.3 10.8 5.7 1.2
2 4 5 6 7 8 9	453330 453330 453350 453350 453350 453350 453350 453350 453370	2618790 2618810 2618770 2618790 2618810 2618830	1000 3000 1000 3000 4000 4000 3000 1000	2.97 2.97 2.97 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940 2980 3000	, 51 , 52 , 52 , 55 , 55 , 53 , 54 , 69	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39 20. 70	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05 . 55	14. 26 24. 06 4. 46 26. 82 15. 50 8. 34 5. 36 1. 49 16. 50	. 90 . 45 . 21 . 53 . 17 . 05 . 02 . 02 1. 08	2.67 4.01 62 4.74 2.03 .60 .18 .06 3.24	2, 03 1, 46 1, 03 1, 66 1, 20 . 91 . 64 . 42 2, 35	6.0 13.0 3.0 14.8 14.3 10.8 5.7 1.2 7.0
2 4 5 6 7 8 9	453330 453330 453350 453350 453350 453350 453350 453350 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750	1000 3000 1000 3000 4000 4000 3000 1000	2.97 2.97 2.98 2.98 2.98 2.98 2.98 2.98 2.98 3.00	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000	.51 .52 .52 .55 .55 .53 .54 .55	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05	14. 26 24. 06 26. 82 15. 50 8. 34 5. 36 1. 49 16. 50 32. 40	90 . 45 . 21 . 53 . 17 . 05 . 02 . 02 1. 08 . 49	2.67 4.01 62 4.74 2.03 .60 .18 .06 3.24 5.88	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66	6. C 13. C 14. 8 14. 3 10. 8 5. 7 1. 2 7. C 19. 9
2 3 5 6 7 8 9 10	453330 453330 453350 453350 453350 453350 453350 453370 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770	1000 3000 1000 3000 4000 4000 3000 1000 1	2.97 2.97 2.98 2.98 2.98 2.98 2.98 2.98 3.00 3.00	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920	. 51 . 52 . 52 . 55 . 53 . 54 . 55 . 54 . 65 . 69 . 67	15. 15 46. 33 15. 44 50. 06 65, 56 63. 18 48. 28 16. 39 20. 70 80, 40	48 27 15 30 13 07 06 05 55 27	14, 25 24, 05 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54	. 90 . 45 . 21 . 53 . 17 . 05 . 02 . 02 1. 08	2.67 4.01 62 4.74 2.03 .60 .18 .06 3.24	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11	6. C 13. C 3. C 14. 8 14. 3 10. 8 5. 7 1. 2 7. C 19. 9 13. 2
2 3 5 6 7 8 9 10 11	453330 453350 453350 453350 453350 453350 453350 453370 453370 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770 2618770	1000 3000 1000 3000 4000 3000 1000 1000	2.97 2.97 2.98 2.98 2.98 2.98 2.98 3.00 3.00 2.98	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920 11920	. 51 . 52 . 52 . 55 . 53 . 54 . 55 . 69 . 67 . 56	15. 15 46. 33 15. 44 50. 06 65, 56 63. 18 48. 28 16. 39 20. 70 80, 40 66, 75	48 27 15 30 13 07 06 05 55 27 08	14, 25 24, 05 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54	90 .45 .21 .53 .17 .05 .02 .02 1.08 .49 .06	2, 67 4, 01 62 4, 74 2, 03 , 60 18 06 3, 24 5, 88 , 72	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11	6. C 13. C 3. C 14. 8 14. 3 10. 8 5. 7 1. 2 7. C 19. 9 13. 2 10. 7
2 3 4 5 6 7 8 9 10 11 12 13	453330 453350 453350 453350 453350 453350 453350 453370 453370 453370 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770 2618790 2618810 2618830	1000 3000 1000 3000 4000 3000 1000 1000	2.97 2.97 2.98 2.98 2.98 2.98 2.98 3.00 3.00 2.98 2.98 3.00	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920 11920 11920	, 51 , 52 , 56 , 55 , 63 , 54 , 69 , 67 , 56 , 57	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39 20. 70 80, 40 66, 75 67. 94	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05 . 55 . 27 . 08 . 07	14, 26 24, 06 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54 8, 34 5, 96	.90 .45 .21 .53 .17 .05 .02 .02 1.08 .49 .06 .06	2,67 4,01 62 4,74 2,03 ,60 18 06 3,24 5,88 72 ,72	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11 .90	6. C 13. C 14. 3 10. 8 5. 7 1. 2 7. C 19. 9 13. 2 10. 7 7. C
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	453330 453350 453350 453350 453350 453350 453370 453370 453370 453370 453370 453370 453370 453370 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770 2618790 2618810 2618830 2618850	1000 3000 1000 3000 4000 3000 1000 1000	2.97 2.97 2.98 2.98 2.98 2.98 2.98 3.00 3.00 2.98 2.98 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920 11920 11920 11920	.51 .52 .55 .55 .53 .54 .56 .69 .67 .56 .57 .54 .54 .56	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39 20. 70 80. 40 66. 75 67. 94 64. 37 64. 37	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05 . 55 . 27 . 08 . 07 . 05 . 05	14, 25 24, 06 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54 8, 34 5, 96 5, 96 5, 96	. 90 . 45 . 21 . 53 . 17 . 05 . 02 . 02 1. 08 . 49 . 06 . 06 . 02 . 03	2,67 4,01 62 4,74 2,03 ,60 18 06 3,24 5,88 72 .72 .24 .36	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11 .90 .59 .41	6. C 13. C 3. C 14. 8 14. 3 10. 8 5. 7 1. 2 7. C 19. 9 13. 2 10. 7 7. C 4. 8 4. C
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	453330 453350 453350 453350 453350 453350 453370 453370 453370 453370 453370 453370 453370 453370 453370 453370 453370	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770 2618790 2618810 2618830 2618850 2618870	1000 3000 3000 4000 3000 1000 1000 4000 4	2.97 2.97 2.98 2.98 2.98 2.98 2.98 3.00 3.00 2.98 2.98 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920 11920 11920 11920 11920	.51 .52 .55 .55 .53 .54 .56 .69 .67 .56 .57 .54 .54 .56 .56 .99	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39 20. 70 80. 40 66. 75 67. 94 64. 37 64. 37 66. 75	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05 . 55 . 27 . 08 . 07 . 05 . 05 . 05 . 05 . 06 . 42	14, 26 24, 06 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54 8, 34 5, 96 5, 96 5, 96 7, 15	90 45 21 53 17 05 02 02 108 49 06 06 06 02 03 03 02 03	2,67 4,01 62 4,74 2,03 ,60 18 06 3,24 5,88 72 .72 .24 .36 .24	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11 .90 .59 .41 .34	6. C 13. C 3. C 14. 8 14. 3 10. 8 5. 7 1. 2 7. C 19. 9 13. 2 10. 7 7. C 4. 8 4. C 4. 2
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	453330 453350 453350 453350 453350 453350 453370 453370 453370 453370 453370 453370 453370 453370 453370 453370 453370 453390	2618790 2618810 2618770 2618790 2618810 2618830 2618850 2618750 2618770 2618790 2618830 2618850 2618850 2618870 2618870 2618770	1000 3000 1000 4000 4000 3000 1000 1000	2.97 2.97 2.98 2.98 2.98 2.98 3.00 3.00 2.98 2.98 2.98 2.98 2.98 2.98 2.98 2.98	2970 8910 2970 8940 11920 11920 8940 2980 3000 12000 11920 11920 11920 11920 11920 11920 11920 9120 12120	.51 .52 .55 .55 .53 .54 .56 .69 .67 .56 .57 .54 .54 .56 .56 .99 .93	15. 15 46. 33 15. 44 50. 06 65. 56 63. 18 48. 28 16. 39 20. 70 80, 40 66. 75 67. 94 64. 37 64. 37 66. 75 90. 29 112. 72	. 48 . 27 . 15 . 30 . 13 . 07 . 06 . 05 . 55 . 27 . 08 . 07 . 05 . 05 . 05 . 05 . 06 . 42 . 22	14, 25 24, 06 4, 46 26, 82 15, 50 8, 34 5, 36 1, 49 16, 50 32, 40 9, 54 8, 34 5, 96 5, 96 5, 96 7, 15 38, 30 26, 66	90 45 21 53 17 05 02 02 02 1.08 49 06 06 06 02 03 02 03 88 50	2,67 4,01 62 4,74 2,03 ,60 18 06 3,24 5,88 72 .72 .24 .36 .24 .36 .24 .36 8,03 6,06	2.03 1.46 1.03 1.66 1.20 .91 .64 .42 2.35 1.66 1.11 .90 .59 .41 .34 .36 2.25 1.75	6. C 13. C 3. C 14. e 14. 3 10. e 5. 7 1. 2 7. C 19. 9 13. 2 10. 7 7. C 4. e 4. C 20. 5 21. 2
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No.	X (E)	Y (N)	Volume	5.G.	Tonnage	(Cu		Zn	A	u . ·	A	9.
			1.41.41 1.43		1			-	content				
			(m3)	(t/m3)	(ton)	(%)	(ton)	. (%)	(ton)	(g/t)	(kg)	(g/t)	(kg
36	453430	2618730	4000	3. 15	12600	1.75	220, 50	. 40	50, 40	. 71	8.95	2. 53	31.8
37	453430	2618750	3200	3. 15	10080	1.70	171.36	, 26	26. 21	. 63	6.35	2,30	23.1
38	453430	2618770	4000	3.14	12560	1.63	204. 73	10	12.56	. 54	6, 78	2.04	25.6
39	453430	2618790	1128	3.15	3553	1.73	61.47	.03	1.07	., 51	1.81	2.00	7
40	453430	2618810	4000	3.06	12240	1.13	138.31	. 03	3.67	. 27	3.30	1.19	14
41 -	453430	2618830	4000	3.00	12000	. 70	84.00	. 02	2.40	111-	1. 32	. 59	7.0
42	453430	2618850	4000	2, 97	11880	. 50	59,40	02	2.38	. 03	. 36	. 30	3.1
43	453430	2618870	4000	2.96	11840	. 44	52.10	. 02	2.37	. 01	. 12	. 24	2.8
44	453430	2618890	4000	2.96	11840	. 45	53. 28	. 02	2.37	.01	. 12	. 23	2. 1
45	453450	2618690	1500	3.24	4860	2.31	112.27	. 52	25.27	. 53	2.58	2.81	. 13.6
46	453450	2618710	4000	3.23	12920	2.25	290.70	. 47	60.72	. 53	6.85	2.74	35. 4
47	463450	2618730	3600	3, 19	11484	2.00	229, 68	. 34	39.05	. 57	6.55	2.49	28. (
48	453450	2618750	3600	3. 17	11412	1:85	211.12	. 19	21.58	54	5. 15	2.24	25.
49	453450	2618770	4000	3, 15	12600	1. 76	221.76	108	10.08	:. 51	6. 43	2.05	25.8
50 -	453450	2618790	4000	3. 13	12520	1.57	196.56	. 03	3, 76	. 45	5, 63	1.78	22. 1
51	453450	2618810	4000	3, 08	12320	1.21	149.07	. 02	2.46	31	3. 82	1.28	15.
52	453450	2618830	3000	3.01	9030	. 78	70.43	. 01	i , 90	. 14	1.26	. 69	6. 1
53 [`]	453450	2618850	1000	2.97	2970	. 46	13.66	.01	. 30	. 02	. 06	. 27	. (
54	453460	2618870	640	2.96	1894	. 42	7, 96	.01	. 19	. 01	. 02	. 21	
55	453450	2618890	4000	2.96	11840	. 43	50. 91	01	1.18	, 01	. 12	. 21	2. 4
56	453470	2618690	2500	3, 25	8125	2.41	195, 81	. 52	42.25	. 47	3. 82	2.82	22. 9
57 5	453470	2618710	4000	3. 22	12880	2.20	283. 36	42	54.10	. 47	6.05	2.57	33.
58	453470	2618730	4000	3119	12760	1. 99	253. 92	29	37.00	. 50	6. 38	2.34	29.1
59	453470	2618750	3000	3, 16	9480	1, 79	169.69	. 19	18.01	. 49	4.65	2.10	19.
60 ·	453470	2618770	1000	3.15	3150	1.70	53. 55	. 10	3.15	. 46	1.45	1.93	6.
61 "	453470	2618890	2000	2,96	5920	. 41	24. 27	. 01	. 59	. 01	.06	. 20	s 1.
62	453490	2618690	1200	3, 15	3780	1. 72	65.02	. 28	10.58	. 46	1.74	2.01	7.
63	453490	2618710	600	3. 16	1896	1.77	33. 56	. 28	5.31	. 47	. 89	2.06	3.
64 ·	453490	2618730	1000	3, 15	3150	. 1. 74	54.81	. 21	6.61	. 47	1. 48	2.00	6.
					617390		6355. 17		925. 94		178.96		798.0

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		202668	· .	617390		6355.17	ant ing	925. 94	- 1 P	178.96	798.68
(4,5,18,18,1,18,1)	a fara			÷1	1.11		÷.,		11	1997 - 1997 1997 - 1997	· 1.
1	$(1,1)^{n-1} = \frac{1}{2}$	1012	·			$(N^{(1)})_{i \in \mathbb{N}} \to \mathbb{N}$	÷.,		1.1	1. A.	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
eological Ore		-							1.11	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	i satata e
ayl As Safil			* *		$(1,\ldots,n^{-1})$	- A	17 A.		1. A. A. A.	for a gree	145 - A.
ut-off grade	· · · · · · · · · · · · · · · · · · ·					· .		1.5	1.777	an a taran ƙ	a da seran par
No X (E)	Y (N)	Volume	s. G.	Tonnage	c	u .	7	în	A.	 .1	Ag
			. 11	i an	grade	content	grada	content	grade d	content	grade content
		(m3)	(t/m3)	(ton)	(%)	(ton)	(%)				(g/t) (kg)
1 453350	2618770	668	2.98	1991	. 50	9. 95	16	3. 19			1.25 2.49
2 453350	2618790	4000	2.98	11920	. 52	61.98	. 15	17.88	. 13	1. 55	
3 453350	2618810	2000	2. 98	5960	. 55	32. 78	. 13	. 7. 75	.11	. 66	
4 453370	2618770	2000	2. 98	5960	. 50	29.80	. 16	9, 54	, 16	. 95	
5 453370	2618790	4000	2.98	11920	. 52	61.98	. 16	19.07	. 14	1.67	
6 453370	2618810	4000	2.98	11920	. 52	61.98	. 12	14.30	. 11	1.31	and the second
7 453370	2618830	4000	2.99	11960	. 60	.71.76	. 09	10.76	. 07	. 84	
8 453370	2618850	4000	3.01	12040	. 74	89.10	.06	7. 22	. 03	. 36	
9 453370	2618870	4000	3.02	12080	. 84	101.47	06	7.25	. 02	.24	36 4.35
0 453370	2618890	4000	3.02	12080	. 84	101.47	.06	7.25	. 02	. 24	. 35 4. 23
1 453390	2618770	3332	2.98	9929	. 49	48.65	. 15	14.89	. 19	1.89	the second s
2 453390	2618790	4000	2.97	11880	. 48	57. 02	. 14	16.63	. 17	2.02	
3 453390	2618810	4000	2. 97	11880	. 48	54,65	. 10	11.88	. 12	1. 43	. 81 9, 62
4 453390	2618830	4000	2.97	11880	. 49	58.21	. 07	8.32	. 06		. 47 5. 58
5 453390	2618850	4000	2.99	11960	. 59	70.56	. 05	5. 98	. 03	. 36	.30 3.59
6 453390	2618870	4000	3.00	12000	. 73	87.60	.05	6.00	. 02	. 24	.31 3.72
7 453390	2618890	4000	3.01	12040	. 78	93. 91	05	6.02	: 02	. 24	
8 453410	2618770	4000	2.98	11920	. 52	61.98	. 14	16, 69	. 21		1. 13 13. 47
19 453410	2618790	4000	2.97	11880	. 44	52.27	. 13	15.44	. 23	2.73	
20 453410	2618810	4000	2, 97	11880	. 44	52.27	. 09	10, 69	. 13	1.54	.71 8.43
						:					

No	X (E)	Y (N)	Volume	S. G.	Tonnage		Cui		Zn	A	u	f	8
	nan an An Ionagas		(m3)		l (toń)	oradə (%)	content (ton)	grade (%)		erade (e/t)	content (kg)	orada (o/t)	
										10/ 13			
21	453410	2618830	4000	2.95	11800	. 35		. 03		03	. 35	. 14	1.6
22 -	453410	2618850	4000	2, 97	11880	. 48	57.02	. 04	4.75	. 03	. 36	. 22	. : : 2. 6
23	453410	2618870	4000	2, 98	11920	. 59	70.33	. 04	4. 77	. 02		. 21	2.5
24	453410	2618890	4000	2.99	11960	.65	77, 74	. 04	4, 78	. 02	. 24	. 23	2.7
25	453430	2618770	4000	2, 98	11920	. 57	67.94	. 14		. 21	2. 50	1.04	· · · ·
26	453430	2618790	4000	2, 98	11920	. 56	66.75	i 13		. 20	2.38		- 11.6
27	453430	2618810	4000	2.97		45		. 09		. 14	1.66		
28	453430	2618830	4000	2.96	11840	, 43		. 05	5, 92	. 06	. 71		
2 9	453430	2618850	4000	2,96	11840	, 45		. 03		. 03		17	
30	453430	2618870	4000	2.97	11880	. 49		. 03	3.56	. 02	. 24		1.9
31	453430	2618890	4000	2.98		. 55		. 0,4		. 02		. 17	
32	453450	2618690	500	3.30	1650	2.75		54		. 34		2.57	.4. 2
33	453450	2618710	4000	3.27		2.51		. 50		. 32		2.41	
34	453450	2618730	2000	3.16		1.77		. 36	22.75			1.89	1 A A
35	453450	2618750	2000	3.07	6140	1.17		. 24		. 25		1.44	
36	453450	2618770	4000	3.00	12000	. 69		. 15			2.52		
37	453450	2618790	4000	2, 98	11920	. 55		. 12	14.30	: 18		. 87	
38	453450	2618810	4000	2.97	11880	. 49		09		. 13	1.54		. 7. 4
39 \	453450	2618830	4000	2.97	11880	. 45		. 05	5, 94	.07		. 35	
40 -	453450	2618850	1	2.97	11880			. 03		.03	. 36		ge de l
41	453450	2618870	4000	2.97		. 48		. 03	3.56	. 02	. 24		1, 5
42	453450		4000		11880	. 50		. 03	-		. 24		
43	453470	2618690	1472		4887		141.24	. 57	-		1.71		
44	453470	2618710	4000	3.25	13000	2.43	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		61,:10	. 34	4.42		
15	453470	2618730	4000		12640			35	44.24	. 30	12	1.86	1 C C
16	453470	2618750	4000	3.08	12320		156.46	. 24	29.57		3.20	1 t	
47	453470	2618770	4000	3.03	en an channair an	1. A.	109.08	. 18	21.82	22		1.14	
48	453470	2618790	4000	2,99	11960	. 66		. 12	14,35	.17	2.03		1.1.1
49 ·	453470	2618810	4000	2.98	11920	. 52		. 08	9.54	12	1.43	. 58	
50	453470	2618830	2000	2.97	5940	. 48		. 05		.07		. 33	1. 3
51 52	453470 453470	2618850 2618870	1000	2.97	2970	. 47 . 48		.03	. 89 2. 67	. 02	. 18	. 12	1.0
53	453470	2618890	:3000 4000	2.97	8910 11880	. 48		. 03	3.56	. 02	. 24	. 13	1.5
53 54	453490	2618690	2500	3, 16	7900	1.82		. 31	24, 49	. 35		े 1. ⁻ 85	14.6
55 55	453490	2618710	4000		12640	1.80	227.52	. 31	39, 18	. 34		1.85	
55 56	10 M	1.1			10920	1.50		. 26	28.39	. 31	3.39	1.62	17.6
50 57 :	453490	2618730 2618750	3500 2500	3, 12 3, 08		1.30			16. 17	. 27	2.08	1. 37	10.5
58 . 58 .		2618750	1. Sec. 1	3.03	7700	. 92	2	16		. 22	1.00	1.07	4.8
	453490 453490 -	1			1500		: 10.65	. 11	1.65		, 26	. 80	1.4
	453510	2618690		3.01	7826	. 76					2.74	·	8. (
51	453510	2618710	2000	3.07									
				<u> </u>									
		n ang lin Angkan ag	207072		624068		4951.49		815. 55		85.82		522.
				ar ar a	an na Sabar						1.4		
2010	ogical Ore	e Reserve											1
	As Safil		60 m .20 Сы	ere La companya	e de la deserverte de la d La deserverte de la deserve		· ·		n an			· · ·	
	off grade	: U.											
ło:	X (E)				Tonnage		Cu		Zn	A	lu 🦾 🖓		1 1 L L L
		24 - A.	(m3)			grade (%)	content		content (ton)				
 			(ma) 	(17/100)) (ton)								
1	453370	2618770	500	2. 98		. 54			2.09	. 17	. 25	1.68	2.
2	453370	2618790	4000	2.97	11880	. 43				1.11	1. 78		
3	453370	2618810	4000	2. 98	11920	. 53	63. 18	. 14			1.67		· · · ·
4	453370	2618830	3332	3,01	10029	, 74	74. 22	. 14	14.04	• 11	1, 10	. 83	8. :
5	453370	2618850	2000	3.06	6120	1.06	64.87				43		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
6	453370	2618870	668	3 09	2064	1. 29	26.63		3. 51			. 56	
7 :	453370	2618890	2000	3.09	1	1, 30					. 31		
8.	453390	2618770	1500	3.01	4515	. 73	32, 96			2			
~ '	453390	2618790	4000	3,00	12000	, 68	81.60	11	13.20	. 20	2.40	2.01	24. 1
9											2.03		

No	X (E)	Y (N)	Voluma	S. G.	Tonnage		Cu		 Zn	A	.u	· A	g
	na se de la sere Se de la sere Se de la sere	n a an Sairte	(m3)	(t/m3)	(ton)	grads (%)	content (ton)	grade (%)	content (ton)	grade (g/t)		·grada (g/t)	content (kg)
	450000				11000	 F A					1, 55	. 76	9, 09
11	453390 453390	2618830 2618850	4000 4000	2,99 3.01	11960 12040	, 56 , 76	66.98 91.50	. 10	11, 96	, 13 , 09	1.08	. 45	5, 42
13	453390	2618870	4000	3.06	12040	1.06	129.74	. 14	13. 24	.05	. 73	. 47	5,75
14	453390	2618890	4000	3.07	12280	1. 17	143.68	. 15	18, 42	.05	. 61		6.02
15	453410	2618770	2500	3.03	7575	90	68, 17	. 08	6.06	24	1.82		20.07
16	453410	2618790	1332	3.04	4049	. 98	39.68	. 07	2.83	26	1.05	3. 00	12 15
17	453410	2618810	4000	2.99	11950	. 60	71.76	. 07	8.37	. 19	2, 27	1. 52	18, 18
18	453410	2618830	4000	2.94	11760	. 25	29.40	. 05	5.88	. 14	1.65	. 27	3, 18
19	453410	2618850	4000	2.98	11920	. 53	63. 18	. 07	8,34	. 10	1.19	. 32	3, 81
20	453410	2618870	4000	3.01	12040	. 76	91.50	.09	10,84	. 06	. 72	. 32	3, 85
21	453410	2618890	4000	3.03	12120	89	107.87	: 10	12.12	. 04	. 48	. 34	4, 12
22	453430	2618770	3500	3.04		95	101.08	. 07	7.45	. 23	2.45	2.50	26,60
23	453430	2618790	4000	3.02	12080	. 83	100.26	.06	7.25	. 21	2.54	2.17	26.21
24	453430	2618810		2.99	11960	. 62	74:15	. 06	7.18	. 17	2.03	1,35	16.15
25	453430	2618830	4000	2.97	11880	. 46	54.65	. 05	5.94	. 12	1.43	. 53	6.30
26	453430	2618850	4000	2.97	11880	. 47		. 05	5.94 5.96	.07	. 83 . 48	. 23 . 21	2.73 2.50
27	453430	2618870	4000	2.98 3.00	11920	. 57	. 67, 94 82, 80	.05	5.90 7.20	, 02	. 24	. 23	2.50
28 29	453430 453450	2618890 2618750	4000 668	3.00	12000 2044	. 69 1. 13	23.10	.00	1.84	. 20	. 41	1.84	3. 76
30	453450	2618730	4000	3.00	12160	. 99	120.38	. 08	9. 73	. 19	2. 31	1.85	22. 50
31	453450	2618790		3.02	12080	. 82	99,06	. 07	8.46	. 17	2.05	1. 49	18,00
32	453450	2618810	4000	2.99	11960	64	76. 54	.06	7.18		1. 55	. 95	11.36
33	453450	2618830	1. A A	2, 98	11920	54	64, 37	. 05	5.96	. 09	1.07	48	5.72
34	453450	2618850	4000	2.98	11920	. 53	63, 18	.04	4.77	. 05	. 60	. 25	2.98
35	453450	2618870	4000	2, 98	11920	55	65.56	. 03	3, 58	.01	. 12	. 16	1,91
36	453450	2618890	4000	2, 98	11920	. 58	69.14	. 04	4. 77	.01	. 12	. 18	2.15
37	453470	2618750	2000	3. 08	6160	1.25	77.00	. 10	6, 16	. 18	1. 11	- 1.51	9.30
38	453470	2618770	4000	3. 05	12200	1.07	130. 54	. 09	10.98	. 16	1.95	1, 33	16. 23
39	453470	2618790		3.02	12080	. 87	105. 10	. 07	8.46	. 14	1.69	1.05	12.68
40	453470	2618810	4000	2. 99	11960	. 63	75. 35	, 06	7.18	10	1. 20	. 59	7.06
41	453470	2618830	560	2.98	1669	. 57	9.51	.05	. 83	. 08	. 13	. 40	. 67
42	453470	2618850	1000	2.98	2980	. 55	16.39	.04	1.19		115	. 28	. 83
43	453470	2618870		2.98	8940	55	49.17	. 03	2.68		. 18	. 19	1. 70
44	453470	2618890	1.1	2.98	11920	. 56	66.75	. 03		. 01		. 16	1,91
45	453490	2618750	2000	3. 11	6220	1.41	87.70	, 12	7.46	. 16		1, 12	6.97
46	453490	2618770	4000	3.07	12280	1.14	139.99	. 09	11.05	. 15	1.84	1.03	12.65
47	453490	2618790		3.03	12120	. 89	107.87	. 07	8, 48	. 12	1.45	. 80	9.70
48	453490	2618810		2.99	5980	. 66	39.47			. 09	. 54	. 48	2.87
49	453490	2618890		2.98	2980	54	16.09	. 03	.89	.01	. 03		
50 51	453510 453510	2618750 2618770		3.11 3.08	3110 4928	1. 46		. 12			69	1,04	3.23
52	453510	2618790	1 A A A A A A A A A A A A A A A A A A A	3.04		. 99						. 73	
		i fa tet George	160828		483944	÷ 1	3618.67	5.	396. 36		55. 25	· .	435.21
Geolo	onical Ore	Reserve		·								÷	
		: 5		1000		- -	5 1	·					
		. 0.		1. S.		a dana	en la reg						
No		Y (N)			Tonnage	(Cu		2n	A	u .	A	g
	a da an	1. A.							content	· · · · · ·			
			(m3)	(t/m3)	(ton)	(%)	(ton)	(*)	(ton)	(9/t)	(kg)	(g/t)	(kg)
1	453370	2618790	796	2. 96	2356	. 39		. 19	4. 48	.11	. 26	1. 19	2.80
	453370	2618810	2000	2.96		41	24. 27	÷	10.06	. 09			5,21
3	453390	2618790	3000	2. 96	8880	. 38	33.74	. 15	13.32	. 10	. 89	. 90	
4	453390	2618810	4000	2.96	11840	38	44, 99	. 13	15.39	. 08	. 95	. 63	7.46
5		2618830	3332	2.96	9863	, 42	41.42	- 1 A A	11.84			. 39	
6	-	2618850	2000	2.97		- 51	30.29		8. 32	· · ·		. 31	
	453390	2618870		2.99		61	12. 18	. 19				. 34	
8	453390	2618890		2.99	11960	. 64	76. 54			. 04	. 48		4.43
9	453410	2618790	4000	2.95	11800	. 36	42.48		12.98	. 09	1.06		7.43
10	453410	2618810	4000	2.95	11800	. 35	41.30	.08	9,44	.07	. 83	. 39	4.60

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	No	X (E)	Y (N)	Volume	S. G.	Топларе	(z		AL		A	a
	•				(t/m3)			content (ton)		content		ontent		
	11	453410	2618830	4000	2.95	11800	. 34	40. 12	. 05	5.90	. 05	. 59	. 12	1.4
	12	453410		4000	2.97	11880	. 49	58, 21	. 09	10, 69	. 04	. 48	. 21	2. 4
	13	453410	2618870	4000	2.99	11960	, 62	74, 15	. 13	15.55	. 03	. 36	. 24	2.8
	14	453410	2618890	4000	3.00	12000	. 68	81.60	. 15	18.00	- 02	. 24	. 29	3, 4
	15 · 16	453430 453430	2618770	668	2.95	1971	. 41	8.08	. 09	1.77	. 10	. 20	, 59	1.1
	17	453430	2618790 2618810	4000	2.95 2.94	11800 11760	.36 .33	42.48	. 08	9.44	. 09	1.06 .94	. 48	5.6
	18	453430	2618830	4000	2.95	11800	. 38	38, 81 44, 84	,05 .06	7.06 7.08	.08	. 83	. 30	3, 5 2, 2
	19	453430	2618850	4000	2.98	11920	. 53	63.18	. 07	8.34	.04	48	. 19	1.9
		453430	2618870	4000	3.00	12000	. 68	81.60	.09	10.80	. 02	24	. 19	2.2
	21	453430	2618890	4000	3.01	12040	. 73	87.89	. 10	12.04	. 02	.24	. 26	3, 1
	22	453450	2618770	2000	2.96	5920	. 44	26.05	. 08	4.74	. 11	. 65	. 50	2.9
	23	453450	2618790	4000	2.94	11760	. 35	41.16	. 06	7.06	. 10	1, 18	. 38	4. 4
	24	453450	2618810	4000	2.93	11720	. 31	36, 33	.05	5.86	. 10	1. 17	. 29	3, 4
	25	453450	2618830	4000	2.94	11760	. 36	42.34	. 05	5.88	. 09	1.06	. 23	2.7
	26	453450	2618850	4000	2.97	11880	. 53	62.96	. 06	7.13	. 06	. 71	. 22	2.6
	27	453450	2613870	4000	3.02	12080	81	- 97.85	. 08	9.66	. 01	. 12	. 16	1. 9
	28	453450	2618890	4000	3.00	12000	. 69	82.80	.07	8.40	. 01	. 12	. 36	4.3
	29	453470	2618770	3332	2.96	9863	. 43	42.41	. 06	5.92	- 11	1.08	. 41	4.0
	30	453470	2618790	4000	2.94	11760	. 36	42.34	. 05	5.88	<u>, 11</u> (1.29	. 33	3.8
	31 32	453470 453470	2618810	4000	2.92	11680	. 29	33.87	. 04	4.67	. 11	1.28	. 29	3.3
	33	453470	2618830 2618850	3200 4000	2.91 2.95	9312 11800	. 25	23.28	. 03	2.79	. 13	1, 21	. 25	2.3
		453470	2618870	4000	2.97	11880	. 53	50,74 62,96	.04	4.72 5.94	.07 .03	. 36	. 35 . 50	4.1
	35	453470	2618890	4000	2.98	11920	, 52	61.98	.04	4. 77	. 01	. 12	. 64	3. 5 7. 6
	36	453490	2618750	2000	2.99	5980	. 61	36, 48	.07	4. 19	. 12	72	. 53	3. 1
	37	453490	2618770	4000	2.96		. 42	49, 73	.05	5. 92	. 10	1.18	. 36	4. 2
	38 :	453490	2618790	4000	2.94	11760	. 34	39. 98	.04	4. 70	. 10	1.18	. 30	3.5
	39	453490	2618810	2000	2.93	5860	. 30	17, 58	. 03	1.76	.11	. 64	. 29	1.7
	40 ·	453490	2618850	1000	2.93	2930	. 30	8, 79	. 03	. 88	. 08	. 23	. 53	1. 5
	41 - j	453490	2618870	3000	2.94	8820	. 33	29. 11	. 02	1.76	.05	. 44	. 80	7.0
	42	453490	2618890	2320	2. 94	6821	. 28	19. 10	.01	. 68	. 03	. 20	1.00	6.8
	43	453510	2618730	1000	3.02	3020	. 83	25.07	.09	2.72	. 14	. 42	. 72	2. 1
	44	453510	2618750	4000	2.99	11960	. 65	77.74	.07	8.37	. 12	1.44	. 55	6.5
	45	453510	2618770	4000		11840	. 44	52.10	. 05	5.92	. 09	1.07	. 36	4.2
	46	453510	2618790	852	2.95	2513	. 35	8.80	. 04	1.01	. 08	. 20	. 28	7
	47 48	453530 453530	2618730 2618750	3000	3.01	9030	. 77	69, 53	. 08	7.22	- 13	1, 17	. 67	6, 0
	49	453530		1000	1	8970 2960	.63 .44	56, 51 13, 02	.07 .05	6.28 1.48	. 11 . 09	. 99 . 27	. 54	4.8 1.0
		• • • • • • • • • • • • • • • • • • •	1	56168		462926		2187.98		356. 52		32.95		183. 9
	· · · ·	1			:									erel 1940 -
	Geolo	gical Ore	Reserve	en Charlenne Starten						a state	1			
		As Safil		10 m		N.			. ÷ .		$(-i)_{i}$			
		ff grade	: 0.	20 Cu	·									
	No	X (E)	Y (N)	Volume	S. G.	Tonnaga	C. grade	u content	Z. orada (Au grade o		As	
an an an An An	· .		· · · ·	(m3)	(t/m3)	(ton)	(%)		(%)	(ton)			(g/t)	
• •	.11	453410	2618790	2000	2.95	5900	. 36	21.24	. 07	4, 13	. 05	. 30	. 26	J. E
	2	453410	2618810	4000	2.95	11800	. 33	38.94	. 08			. 47	. 21	2. 4
	3	453410	2618830	4000	2.94	11760	. 29	34.10	. 08	9.41	. 03		. 17	2.0
	4	453410	2618850	4000	2.95	11800	. 33	38.94	.06	7.08	. 03	35	. 17	2. 0
	5	453410	2618870	4000	2.95	11800	. 36	42.48	. 05	5, 90	. 02	24	. 20	2, 3
	6	453410	2618890	4000	2.95	11800	. 38	44.84	. 04			. 12	1 A A A A A A A A A A A A A A A A A A A	
	7	453430	2618790	4000	2.96	11840	. 43	50.91	.06	7.10	.06		. 32	
	8	453430	2618810	4000	2.96	11840	. 42	49, 73	.07	8.29			. 30	
	9 10	453430 453430	2618830	4000	2.96	11840	. 39	46, 18	. 06	7, 10			. 27	
	14	400400	2618850	4000	2.95	11800	. 38	44, 84	.05	5.90	.03	35	. 21	2.4
4 M M	÷	e de reve			, ·		an sina.	n an t				1.4.9	ru itt.	
		·						1.1						
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No	X (E)	Y (N)	Volume	\$. G,	Tonnage		Cu		ln - S		U		1g - 1
		a de terret	te a ser				content						
e de la constante de la consta		1999 - San Barris	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(g/t)	(kg
11	453430	2618870	4000	2, 96	11840	. 40	47.36	, 03	3. 55	. 02	. 24	. 23	2.7
	453430	2618890	4000	2, 96		. 41	48, 54	. 03	3, 55	2	. 12		- 3.4
	453450	2618790		2, 98		. 51	60.79	.05	5,96				4, 5
	453450	2618810		2, 98	11920	. 55		.05					5.0
	453450	2618830		2. 98	11920	. 53	63, 18	.05			72		
	453450	2618850		2.97	11880	. 48	57,02	04	4, 75			. 36	
	453450	2618870		2.96		. 43	50.91	.02	2. 37				2.3
	453450	2618890		2.96		. 43				.01			
	1						50.91	02					5.5
	453470	2618770	1 A 1 A	2.97		50	29.70	, 04	2.38				2.5
	453470	2618790		2.99		. 58	69.37	.04	4.78	· · ·			4,7
	453470	2618810		3.00		. 64		.04	4.80			1 A 4	6.0
	453470	2618830		3.00	12000	. 66	79.20		4.80	:09		. 57	6.8
	453470	2618850		2, 98	11920	. 55	65. 56	03	3. 58		. 60		7. 1
24 .	453470	2618870		2.97	11880	. 48	57.02	02	2, 38	.02			8.5
25	453470	2618890	4000	2.97	11880	. 46	54,65	.01	1.19	.01	. 12		10.5
26	453490	2618750	2000	2.95	5900	. 37	21.83	03	1.77	.09	. 53	55	3. 2
17.11	453490	2618770	4000	2.99	11960	. 58	. 69, 37	. 03	3, 59	. 09	1.08	37	4.4
8	453490	2618790	4000	3.00	12000	. 66	79, 20	, 03	3.60	08	. 96	. 34	4. 0
291 -	453490	2618810	4000	3.00	12000	. 67	80.40	. 03	3, 60	. 09	1.08	. 44	5. 2
30	453490	2618830	4000	3.00	12000	. 64	76, 80	.03	3.60	. 08		. 62	7.4
	453490	2618850		2.99		. 58			3.59			86	
	453490	2618870	4000	2.97	11880	. 51		02	2. 38	. 04	. 48	1.16	13.7
	453490	2618890		2.97	11880	. 49	58.21	01	1.19			1.42	16.8
	453510	2618750		2. 95	11800	. 35		. 03	3. 54		1.05	. 55	6.4
	453510	2618770		2.99		. 58	69.37		,		. 96	. 34	4.0
36	453510	2618790		3,00	12000	. 67	80, 40	. 02	1	. 08		. 24	2.8
	453510	2618850		1.1	1997	. 58				- 11 C		. 93	1.8
								.02					
	453510	2618870		2.98		. 52						1.31	7.8
	453510	2618890		2.97			48.49	.01	. 99	03.	. 30	1.44	14.2
	453530	2618750		2.95	· · · · ·	. 37		. 03	1.77	1 A S S S S S S S S S S S S S S S S S S	. 53		3.0
	453530	2618770				. 57				- 08		. 33	2.9
42	453530	2618790	1000	3.00	3000	. 67	20.10	. 02	. 60	. 08	24	. 25	. 7
- 			150000		445793		2179.57		165. 23		22.99		215.2
			130000				2113.91		100.20				
0100	ical Ore	Reserve	:			1.1			e e e	en e			
	s Safil		30 m	÷.,		16.15	,i		· · · ·				
	f grade		. 20 Cu		2		e te j				2.52.5		
lo				منب ج م ما									
	X (E)		Volume		Tonnage		 2u		 Zn			A	9
1	X (E)			- 1	a gul		Cu content	-		/ grade	lu content	A grade	9 conten
	X (E)				a gul		content	grade (%)	content (ton)	(s/t)	(kg)	(9/t)	i (kg
		Y (N)	(m3)	(t/m3)	(ton)	grade (%)	content (ton)	grade (%)	content (ton)	(9/t)	(kg)	(g/t)	(kg
1 1	X (E) 453410	Y (N)	(m3) 2000	(t/m3) 2. 94	(ton) 5880	grade (%)	content (ton)	grade (%)	content (ton) 1.18	(9/t) .04	(kg) . 24	(g/t)	(kg
		Y (N)	(m3) 2000	(t/m3)	(ton) 5880	grade (%)	content (ton)	grade (%) . 02	content (ton) 1. 18	(9/t)	(kg) . 24	(g/t) , 14	(kg . 8
2	453410	Y (N) 2618870	(m3) 2000 4000	(t/m3) 2. 94	(ton) 5880 11760	grade (%) , 30	content (ton) 17, 64	grade (%) . 02 . 02	content (ton) 1. 18 2. 35	(s/t) . 04 . 03	(kg) . 24 . 35 . 10	(g/t) . 14 . 15 . 14	(kg . 8 1. 7 . 2
2 3	453410 453410	Y (N) 2618870 2618890	(m3) 2000 4000 500	(t/m3) 2.94 2.94 2.95	(ton) 5880 11760 1475	grade (%) . 30 . 32	content (ton) 17.64 37.63 5.31	grade (%) . 02 . 02 . 04	content (ton) 1. 18 2. 35 . 59	(s/t) . 04 . 03	(kg) . 24 . 35 . 10 . 82	(9/t) , 14 , 15 , 14 , 14	(kg .8 1.7 .2 1.2
2 3 4	453410 453410 453430	Y (N) 2618870 2618890 2618790	(m3) 2000 4000 500 4000	(t/m3) 2.94 2.94 2.95 2.95	(ton) 5880 11760 1475 11760	grade (%) . 30 . 32 . 36	content (ton) 17.64 37.63 5.31 29.40	grade (%) . 02 . 02 . 04 . 04	content (ton) 1. 18 2. 35 .59 4. 70	(9/t) .04 .03 .07	(kg) . 24 . 35 . 10 . 82	(9/t) , 14 , 15 , 14 , 14	(kg . 8 1. 7 1. 2 1. 2
2 3 4 5	453410 453410 453430 453430	Y (N) 2618870 2618890 2618790 2618810	(m3) 2000 4000 500 4000 4000	(t/m3) 2.94 2.94 2.95 2.94 2.93	(ton) 5880 11760 1475 11760 11720	grade (%) . 30 . 32 . 36 . 25	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30	grade (%) . 02 . 02 . 04 . 04 . 04	content (ton) 1.18 2.35 .59 4.70 4.69	(s/t) .04 .03 .07 .07	(kg) . 24 . 35 . 10 . 82 . 70	(9/t) , 14 , 15 , 14 , 14 , 11	(kg . 8 1. 7 1. 2 1. 2
2 3 4 5 6	453410 453410 453430 453430 453430 453430	Y (N) 2618870 2618890 2618790 2618810 2618830	(m3) 2000 4000 500 4000 4000 4000	(t/m3) 2.94 2.94 2.95 2.94 2.93 2.94	(ton) 5880 11760 1475 11760 11720 11760	grade (%) . 30 . 32 . 36 . 25 . 25	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10	grade (%) . 02 . 02 . 04 . 04 . 04 . 03	content (ton) 1. 18 2. 35 . 59 4. 70 4. 69 3. 53	(s/t) .04 .03 .07 .07	(kg) . 24 . 35 . 10 . 82 . 70 . 47	(9/t) . 14 . 15 . 14 . 11 . 11 . 11	(kg . 8 1. 7 . 2 1. 2 1. 2 1. 6
2 3 4 5 6 7	453410 453410 453430 453430 453430 453430 453430 453430	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850	(m3) 2000 4000 500 4000 4000 4000 4000	(t/m3) 2. 94 2. 94 2. 95 2. 94 2. 93 2. 94 2. 95	(ton) 5880 11760 1475 11760 11720 11760 31800	grade (%) . 30 . 32 . 36 . 25 . 25 . 29 . 33	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10 38, 94	grade (%) .02 .04 .04 .04 .03 .02	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36	(s/t) .04 .03 .07 .07 .07 .06 .04 .02	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24	(9/t) , 14 , 15 , 14 , 11 , 11 , 14 , 14 , 16	(kg .8 1.7 1.2 1.2 1.6 1.6
2 3 4 5 6 7 8	453410 453410 453430 453430 453430 453430 453430 453430 453430	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618890	(m3) 2000 4000 500 4000 4000 4000 4000	(t/m3) 2. 94 2. 94 2. 95 2. 94 2. 93 2. 94 2. 95 2. 95) (ton) 5880 11760 1475 11760 11720 11760 31800 11800	grade (%) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10 38, 94 40, 12	grade (%) . 02 . 04 . 04 . 04 . 04 . 03 . 02 . 01	content (ton) 1. 18 2. 35 59 4. 70 4. 69 3. 53 2. 36 1. 18	(s/t) .04 .03 .07 .07 .07 .06 .04 .02 .02	(kg) .24 .35 .10 .82 .70 .47 .24 .24	(9/t) . 14 . 15 . 14 . 14 . 11 . 14 . 14 . 16 . 17	(kg .8 1,7 1,2 1,2 1,2 1,6 2,0
2 3 4 5 7 8 9	453410 453410 453430 453430 453430 453430 453430 453430 453430 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618890 2618790	(m3) 2000 4000 500 4000 4000 4000 4000 4000	{t/m3) 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97) (ton) 5880 11760 1475 11760 11720 11760 31800 11800 4455	grade (%) . 30 . 32 . 36 . 25 . 25 . 25 . 29 . 33 . 34 . 45	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05	grade (%) . 02 . 04 . 04 . 04 . 04 . 03 . 02 . 01 . 04	content (ton) 1. 18 2. 35 59 4. 70 4. 69 3. 53 2. 36 1. 18 1. 78	(s/t) .04 .03 .07 .07 .07 .07 .04 .02 .02 .02 .05	(kg) .24 .35 .10 .82 .70 .47 .24 .24 .27	(9/t) .14 .15 .14 .11 .11 .14 .16 .17 .18	(kg . 8 1, 7 1, 2 1, 2 1, 2 1, 2 1, 6 2, 0 . 8
2 3 5 6 7 8 9	453410 453410 453430 453430 453430 453430 453430 453430 453430 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618890 2618790 2618810	(m3) 2000 4000 500 4000 4000 4000 4000 1500 4000	{t/m3) 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97 2.94) (ton) 5880 11760 1475 11760 11720 11760 31800 11800 4455 11760	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10	grade (%) . 02 . 04 . 04 . 04 . 03 . 02 . 01 . 04 . 04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 1, 78 4, 70	(s/t) .04 .03 .07 .07 .06 .04 .02 .02 .02 .06 .07	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82	(9/t) . 14 . 15 . 14 . 11 . 11 . 14 . 14 . 16 . 17 . 18 . 14	(kg . 8 1, 7 1, 2 1, 2 1, 2 1, 2 1, 2 1, 8 2, 0 . 8 1, 6
2 3 4 5 7 8 9 0	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618890 2618790 2618810 2618830	(m3) 2000 4000 500 4000 4000 4000 4000 1500 4000 40	{t/m3} 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.95 2.97 2.94 2.94) (ton) 5880 11760 1475 11760 11720 11760 11800 4455 11760 11760	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10 38, 94 40, 12 20, 05 34, 10 31, 75	grade (%) . 02 . 04 . 04 . 04 . 04 . 03 . 02 . 01 . 04 . 04 . 03	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 1, 78 4, 70 3, 53	(s/t) .04 .03 .07 .07 .04 .02 .02 .02 .06 .07 .06	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82 . 71	(9/t) .14 .15 .14 .11 .14 .14 .16 .17 .18 .14 .14	(kg , 8 1, 7 1, 2 1, 2 1, 6 1, 8 2, 0 8 1, 6 1, 6
2 3 4 5 7 8 9 0 1	453410 453430 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618890 2618890 2618810 2618830 2618830	(m3) 2000 4000 500 4000 4000 4000 4000 1500 4000 40	{t/m3} 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97 2.94 2.94 2.94) (ton) 5880 11760 1475 11760 11720 11760 11800 4455 11760 11760 11760	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27 . 30	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10 31.75 35.28	grade (%) . 02 . 04 . 04 . 04 . 04 . 03 . 02 . 01 . 04 . 04 . 03 . 02	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 1, 78 4, 70 3, 53 2, 35	(g/t) .04 .03 .07 .07 .06 .04 .02 .02 .06 .07 .06 .04	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82 . 71 . 47	(9/t) .14 .15 .14 .11 .14 .14 .16 .17 .18 .14 .14 .14 .15	(kg .8 1.7 1.2 1.2 1.6 2.0 .8 1.6 1.6 1.6 1.7
2 3 4 5 7 8 9 10 11 12	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618870 2618810 2618830 2618830 2618830 2618830	(m3) 2000 4000 500 4000 4000 4000 1500 4000 40	(t/m3) 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97 2.94 2.94 2.94 2.94 2.95) (ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11760 11800	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10 38, 94 40, 12 20, 05 34, 10 31, 75 35, 28 42, 48	grade (%) .02 .02 .04 .04 .04 .03 .02 .01 .04 .04 .03 .02 .01	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 4, 70 3, 53 2, 35 1, 18	(g/t) .04 .03 .07 .07 .06 .04 .02 .02 .06 .07 .06 .04 .04 .01	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12	(9/t) .14 .15 .14 .11 .14 .14 .14 .14 .14 .14 .15 .18	(kg .8 1.7 2 1.2 1.2 1.6 2.0 .8 1.6 1.6 1.6 1.7 2.1
2 3 4 5 7 8 9 10 11 12 13 14	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618890 2618890 2618810 2618830 2618830 2618850 2618850	(m3) 2000 4000 500 4000 4000 4000 1500 4000 40	{t/m3} 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97 2.94 2.94 2.94 2.94 2.95 2.95 2.95) (ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11800 11800 11800	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36 . 35	content (ton) 17, 64 37, 63 5, 31 29, 40 29, 30 34, 10 38, 94 40, 12 20, 05 34, 10 31, 75 35, 28 42, 48 41, 30	grade (%) .02 .02 .04 .04 .04 .03 .02 .01 .04 .04 .03 .02 .01 .01	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 4, 70 3, 53 2, 35 1, 18 1, 18	(g/t) .04 .03 .07 .07 .06 .04 .02 .02 .06 .07 .06 .04 .01	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 12	(9/t) .14 .15 .14 .11 .14 .14 .14 .14 .14 .14 .15 .18 .18 .17	(kg .8 1.7 2 1.2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0
2 3 4 5 7 8 9 10 11 12 13 14 15	453410 453430 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450 453450 453470	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618830 2618830 2618830 2618830 2618850 2618870 2618890	(m3) 2000 4000 500 4000 4000 4000 4000 4000	(t/m3) 2.94 2.94 2.95 2.94 2.93 2.94 2.95 2.95 2.95 2.97 2.94 2.94 2.94 2.95 2.95 3.00	(ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11760 11800 11800 7500	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36 . 35 . 63	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10 31.75 35.28 42.48 41.30 47.25	grade (%) .02 .02 .04 .04 .04 .03 .02 .01 .04 .04 .03 .02 .01 .01 .04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 4, 70 3, 53 2, 35 1, 18 4, 70 3, 53 2, 35 1, 18 3, 60	(g/t) .04 .03 .07 .07 .06 .04 .02 .06 .07 .06 .04 .01 .01 .05	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 12 . 38	(9/t) .14 .15 .14 .11 .14 .14 .14 .14 .14 .14 .15 .18 .17 .25	(kg .8 1.7 2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0 1.8
2 3 5 7 8 9 10 11 12 13 14 15 16	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450 453470 453470	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618830 2618830 2618830 2618850 2618850 2618870 2618850 2618870 2618850	(m3) 2000 4000 500 4000 4000 4000 1500 4000 40	{t/m3} 2.94 2.94 2.95 2.94 2.95 2.95 2.95 2.95 2.95 2.97 2.94 2.94 2.94 2.95 2.95 3.00 2.96	(ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11760 11800 11800 7500 11640	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36 . 35 . 63 . 40	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10 31.75 35.28 42.48 41.30 47.25 47.36	grade (%) .02 .02 .04 .04 .04 .03 .02 .01 .04 .04 .03 .02 .01 .01 .04 .04 .04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 36 1, 18 4, 70 3, 53 2, 35 1, 18 1, 18 3, 60 4, 74	(g/t) .04 .03 .07 .07 .06 .04 .04 .02 .06 .04 .01 .01 .05 .06	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 38 . 71	(9/t) .14 .15 .14 .11 .11 .14 .14 .14 .14 .14 .14 .15 .18 .17 .25 .18	(kg .8 1.7 2 1.2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0 1.8 2.1
2 3 4 5 5 6 6 7 10 11 12 13 14 11 5 14 11 5 15 15 17 17	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450 453470 453470	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618830 2618830 2618850 2618850 2618850 2618850 2618850 2618850 2618610 2618830	(m3) 2000 4000 500 4000 4000 4000 4000 4000	{t/m3} 2.94 2.94 2.95 2.94 2.95 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 2.95 2.95 3.00 2.96 2.94	(ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11800 11800 7500 11840 11760	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36 . 35 . 63 . 40 . 25	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10 31.75 35.28 42.48 41.30 47.25 47.36 29.40	grade (%) .02 .02 .04 .04 .04 .04 .03 .02 .01 .04 .04 .01 .01 .04 .04 .04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 35 1, 18 4, 70 3, 53 2, 35 1, 18 1, 18 3, 00 4, 74 4, 70	(g/t) .04 .03 .07 .07 .06 .04 .02 .06 .07 .06 .04 .01 .01 .05 .06 .07	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 38 . 71 . 82	(9/t) .14 .15 .14 .11 .14 .14 .14 .14 .14 .14 .14 .15 .18 .17 .25 .18 .14	(kg .8 1.7 2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0 1.8 2.1
2 3 4 5 6 6 7 8 9 9 10 11 12 13 13 14 15 16 17 18	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450 453470 453470 453470	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618830 2618830 2618850 2618850 2618850 2618850	(m3) 2000 4000 500 4000 4000 4000 4000 4000	{t/m3} 2.94 2.94 2.95 2.94 2.95 2.95 2.95 2.95 2.95 2.97 2.94 2.94 2.94 2.95 2.95 3.00 2.96 2.94 2.94 2.94	(ton) 5880 11760 1475 11760 11720 11760 1800 4455 11760 11760 11760 11800 11800 7500 11840 11760 11760	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 33 . 34 . 45 . 29 . 30 . 36 . 35 . 63 . 40 . 25 . 30	content (ton) 17. 64 37. 63 5. 31 29. 40 29. 30 34. 10 38. 94 40. 12 20. 05 34. 10 31. 75 35. 28 42. 48 41. 30 47. 25 47. 36 29. 40 35. 28	grade (%) .02 .02 .04 .04 .04 .04 .03 .02 .01 .04 .04 .04 .04 .04 .04 .04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 35 1, 18 1, 78 4, 70 3, 53 2, 35 1, 18 3, 00 4, 74 4, 70 3, 53	(g/t) .04 .03 .07 .07 .06 .04 .02 .02 .06 .07 .06 .04 .01 .01 .05 .06 .07 .06 .07 .06	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 38 . 71 . 82	(9/t) .14 .15 .14 .11 .11 .14 .14 .14 .14 .14 .14 .15 .18 .17 .25 .18	(kg .8 1.7 2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0
2 3 4 5 5 6 6 7 10 11 12 13 14 11 5 14 11 5 15 17 17 17	453410 453410 453430 453430 453430 453430 453430 453430 453450 453450 453450 453450 453450 453450 453470 453470	Y (N) 2618870 2618890 2618790 2618810 2618830 2618850 2618850 2618830 2618830 2618850 2618850 2618850 2618850 2618850 2618850 2618610 2618830	(m3) 2000 4000 500 4000 4000 4000 4000 4000	{t/m3} 2.94 2.94 2.95 2.94 2.95 2.95 2.95 2.95 2.95 2.94 2.94 2.94 2.94 2.95 2.95 3.00 2.96 2.94	(ton) 5880 11760 1475 11760 1720 11760 1800 4455 11760 11760 11760 11800 7500 11800 7500 11840 11760 11800	grade (X) . 30 . 32 . 36 . 25 . 25 . 29 . 33 . 34 . 45 . 29 . 33 . 34 . 45 . 29 . 27 . 30 . 36 . 35 . 63 . 40 . 25	content (ton) 17.64 37.63 5.31 29.40 29.30 34.10 38.94 40.12 20.05 34.10 31.75 35.28 42.48 41.30 47.25 47.36 29.40	grade (%) .02 .02 .04 .04 .04 .04 .03 .02 .01 .04 .04 .04 .04 .04 .04 .04	content (ton) 1, 18 2, 35 59 4, 70 4, 69 3, 53 2, 35 1, 18 4, 70 3, 53 2, 35 1, 18 1, 18 3, 00 4, 74 4, 70	(g/t) .04 .03 .07 .07 .06 .04 .02 .02 .06 .07 .06 .04 .01 .01 .05 .06 .07 .06 .07 .06	(kg) . 24 . 35 . 10 . 82 . 70 . 47 . 24 . 24 . 24 . 24 . 27 . 82 . 71 . 47 . 12 . 38 . 71 . 82	(9/t) .14 .15 .14 .11 .14 .14 .14 .14 .14 .14 .14 .15 .18 .17 .25 .18 .14	(kg .8 1.7 2 1.2 1.6 1.8 2.0 .8 1.6 1.6 1.6 1.7 2.1 2.0 1.8 2.1 1.6

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lo .	X (E)	Y (N)	Voluma	s, G.	Tonnage	(Cu	2	tn s sas	A	u i	A	g
le,	alay sa sa sa San sa sa sa		(m3)	(t/m3)	(ton)	grade (%)	content (ton)	grado (%)		orado (g/t)		grade (o/t)	
21	453490	2618790	3500	3. 03	10605	. 89	94.38	, 03	3, 18	. 04	. 42	. 33	3, 50
22	453490	2618810	4000	3.00	12000	. 67	80.40	. 03	3.60	.05	. 60	. 26	3. 12
23 😳	453490	2618830	4000	2, 96	11840	41	48.54	. 03	3, 55	.06	: 71	. 19	2.25
24	453490	2618850	4000	2.95	11800	. 33	38.94	. 03	3.54	. 04	. 47	. 17	2.01
25	453490	2618870	4000	2.95	11800	. 33	38.94	. 01	1.18	. 03	. 35	. 18	2. 12
26	453490	2618890	4000	2.95	11800	. 34	40.12	.01	1, 18	. 02	. 24	18	2, 12
27	453510	2618770	2000	3.07	6140	1.11	. 68.15	. 03	1.84	. 03	18	39	2.39
8	453510	2618790	4000	3.07	12280	1.14	139, 99	. 03	3.68	. 03	. 37	40	4, 91
29 :	453510	2618810	4000	3.03	12120	. 89	107.87	. 03	3.64	. 04	. 48	. 33	4,00
0	453510	2618830	4000	2.99	11960	. 63	75.35	. 03	3, 59	.04	: . 48	. 26	3, 11
1	453510	2618850	4000	2:97	11880	. 47	55.84	. 02	2.38	. 04	. 48	. 21	2.49
2	453510	2618870	4000	2, 95	11800	. 34	40.12	.01	1, 18	. 03	. 35	. 20	2.36
3	453510	2618890	4000	2.95	11800	. 34	40.12	. 01	1.18	. 02	. 24	. 19	2. 24
34 .	453530	2618770	4000	3.07	12280	1.14	139, 99	: 03	3.68	. 03	. 37	. 40	4.91
35 -	453530	2618790	3000	3.06	9180	1.08	99.14	. 03	2.75	. 03	. 28	. 38	3.49
6	453530	2618810	1000	3.04	3040	. 97	29.49	. 03	. 91	. 03	: 09	. 35	1.06
17	453530	2618830	3000	3.01	9030	. 74	66. 82	. 03	2.71	.04	. 36	. 29	2.62
8	453530	2618850	4000	2, 98	11920	. 56	66.75	. 02	2.38	. 04	. 48	. 24	2.85
39 ···	453530	2618870	4000	2:97	11880	. 44	52.27	. 02	2. 38	. 03	. 36	. 22	2.61
0	453530	2618890	4000	2.95	11800	. 36	42. 48	. 01	1. 18	. 02	. 24	. 21	2.48
			143000		424705		2043.84		103.35		15.94		89, 24
			1.0					···.	·	11.80		197	
010	gical Ore	Reserve	· · ·		at the design		and and an an	. : • .		1.1			1.0
уÊ	As Safil	: 52	(0 m			1.2	1.6	1.1	1.00	. 1		ні — 41 1	1200
it-o	ff grade	: 0.	20 Ču		1997 - N. 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 199			1.1.1.1				n - 13	1

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No	X (E)	Y (N)	Volume	S. G,	Tonnage		Cu			-	u j	A	
							content			1.1			
· · ·			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)	(kg)	(9/t)	(kg)
1.5	453430	2618810	2000	2.94	5880	. 30	17.64	. 03	1. 76	. 05	. 29	15	. 88
2	453430	2618830	4000	2.94	11760	. 31	36.46	.03	3, 53	. 04	. 47	19	2. 23
3 - 1	453430	2618850	4000	2.95	11800	. 37	43.66	.04	4. 72	, 03	. 35	. 30	3, 54
4	453430	2618870	4000	2. 96	11840	. 40	47.36	. 04	4.74	. 02	. 24	. 40	4.74
5	453430	2518890	4000	2.96	11840	. 41	48. 54	. 04	4.74	. 02	. 24	. 43	5.09
6	453450	2618810	4000	2.94	11760	. 28	32. 93	. 04	4, 70	. 06	. 71	. 14	1.65
7	453450	2618830	4000	2.94	11760	. 26		. 04	4. 70	. 06	. 71	. 18	2. 12
8.	453450	2618850	4000	2.94	11760	. 32	37. 53	04	4. 70	. 04	. 47	31	3.65
9	453450	2618870	4000	2.96	11840	. 43	50, 91	. 04	4.74	. 02	. 24		5. 56
10 - :	453450	2618890	4000	2.96	11840	. 39	46. 18	. 03	3. 55	. 02	. 24	46	5.45
11	453470	2618790	668	3.00	2004	66	13, 23	. 03	. 60	. 07	. 14	. 23	. 46
12	453470	2618810		2.95	11800	. 36	42, 48	204	4, 72	.08	. 94	. 15	1. 77
13	453470	2618850		2.94	11760	. 27		. 03	3. 53	05			3. 18
14	453470	2618870	4. A March 1997	2, 95		. 33		. 03	3. 54				4.84
15	453470	2618890	A. 199 A.	2, 95	11800	. 34					. 24		5. 43
16	· · · ·	2618790	1	3, 03	6060	. 93		. 03		-	. 48		1.88
17		2618810	- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	2.99		. 66		. 04				24	2.87
18	453490	2618830		2, 95	11800	. 37				. 07	. 83		2.24
19	453490	2618850		2, 94		. 26				. 06		25	3.06
20	453490	2618870		2, 94		. 27	-		· · · · ·	. 04	47		4.23
21	453490	2618890		2. 94	11760	. 27					. 35		4.94
22	453510	2618790		3.08	10263	1.23		. 03		. 08	. 82		4.00
23	453510	2618810		3. 02	12080	. 85				. 08	. 97		3.87
24 .	453510	2618830		2.97		. 50		. 03					3. 45
25	453510	2618850	-	2.95	11800	. 33		. 03			71	. 30	3. 54
26	453510	2618870		2.94	11760	. 25		. 02	2.35	. 05		36	4. 23
27	453510	2618890		2.94	11760	. 25	29.40	. 01	1.18			40	4. 23
28	453530	2618790		3.04		. 97				. 08	. 97		
29	453530	2618810		3.04		. 97		.03	4.82		. 96		
30	1 A				12040	. 47							
- a v - :	493930	2618830	4000	2.97	11880	. 41	55, 84	. 04	4.75	. 07	, 83	, 32	3.80

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No	X(E)	Y (N)	Volume	0.2	Tonnage		20		7	,	<u>н</u>		
	X (E)	Y (N)	AOTOWG	⊴านีเ	Tonnaĝe		Cu content		ln oontent		\u oontant		oonter
			(m3)	(t/m3)	(ton)		(ton)	(X)	(ton)	(a/t)	(ką)	(g/t)	
31	453530	2618850	4000	2.94	11760	. 29	34. 10	. 03	3. 53	. 06	. 71	. 32	3.7
32	453530	2618870	4000	2.94	11760	. 25	29.40	. 02	2.35	. 05	. 59	. 34	4.0
33	453530	2618890	4000	2.93	11720	. 23	26,96	. 02	2.34	. 04	. 47	. 39	4. 5
34	453550	2618830	1000	2, 94	2940	. 27	7.94	. 04	1.18	.07	21	. 35	1. 0
35	453550	2618850	3000	2. 93	8790	. 21	18, 46	. 04	3, 52	. 06	. 53	. 35	3.0
	* 18 Yuu uu uu uu uu uu uu uu uu uu		128000		378937		1600. 78		117. 30		19, 65		122. 5
la di		1. S. 1. S. 1.									-	·	
	gical Ore				:	- · · -		1.1	1. ¹ . 1	· · · .		· · ·	
- 1 A	As Safil		10 m								1 + 1	1. T. F.	
;ut=c	oft grade	: 0	. 20 Cu					1 	1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	an a	 		e a g Suesen
No	X (E)	Y (N)	Volume	S.G.	Tonhage	(Cu		Zn	A	lu :	· A	9
											content	grade	conten
			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)	(kg)	(g/t)	(kg
i	453450	2618850	2000	2.96	5920	. 43	25.46	. 02	1. 18	. 03	. 18	. 42	2. 4
2	453450	2618870	4000	2, 97	11880	46	54.65	. D2		. 03	. 36	. 41	4.8
3	453450	2618890	4000	2.96	11840	. 41	48.54	. 02	2.37	. 03	. 36		4.8
4	453470	2618810	668	2.95	1971	. 31	6.11	• 07			.08		E
5	453470	2618830	4000	2.95	11800	. 35	41.30	: 04	4. 72	. 04	. 47	. 39	4.6
6	453470	2618850	4000	2.95	11800	. 37	43.66	. 02	2.36	:04	. 47	. 42	10 4. 9
7	453470	2618870	4000	2.95	11800	. 36	42.48	.02	2.36	. 03	. 35	. 42	4.9
8	453470	2618890	4000	2.95	11800 -	. 34	40.12	.01	1, 18	.03	. 35	. 41	· · 4. 8
9	453490	2618810	2000	2.94	5880	. 28	16.46	. 08	4. 70	.05	. 29	. 34	2. (
10	453490	2618830	4000	2.94	11760	. 29	34.10	.05	5.88	. 06	.71	. 41	: 4. E
11 :	453490	2618850	4000	2.94	11760	. 29	34.10	. 03	3, 53	. 05	. 59	. 45	5. 2
12	453490	2618870	4000	2.94	11760	. 27	31.75	. 01	1, 18	. 05	. 59	. 47	- 5, 8
13	453490	2618890	3680	2.93	10782	. 24	25.88	. 01	1,08	.05	. 54	. 47	5. 0
14	453510	2618810	3332	2.94	9796	. 25	24.49	. 09	8. 82	.06	, 59	. 36	3.5
15	453510	2618830	4000	2.94	11760	. 27	31.75	, 06	7.06	80	. 94	. 49	́ 5. 7
16	453510	2618850	4000	2, 94	11760	. 27	31.75	. 03	3, 53	68	94	, 53	6.2
17	453510	2618870	4000	2.93	11720	. 24	28.13	. 01	11 17	. 08	. 94	. 57	6.6
18	453510	2618890	4000	2. 93	11720	. 24	28. 13	101	1, 17	. 08	. 94	. 56	6. 5
19	453530	2618790	1000	2.94	2940	. 25	7.35	. 09	2, 65	.07	5.,21	. 39	· · [1, 1
20	453530	2618810	4000	2, 94	11760	. 25	30. 58	. 08	9.41	. 09	1.06	. 49	5. 7
21	453530	2618830	4000	2.94	11760	. 27	31.75	.05	5.88	- 11	1, 29	. 61	: 7.1
22	453530	2618850	4000	2.94	11760	. 27	31.75	.04	4, 70	. 12	1.41	65 .	7.6
23	453530	2618870	4000	2. 93	11720	. 25	29.30	. 02	2.34	12	1.41	. 68	7.9
24	453530	2618890				. 25	29.30	.01	1, 17	11	1, 29	. 68	7. 9
25	453550	2618790		2.94		. 28	24.70	. 07	6. 17	12	1,06		5. 2
26	453550	2618810		2.95	11800	, 29	34. 22		5.90	. 1.4	1.65	. 72	8, 5
27	453550	2618830	· · · · ·		11800		. 35. 40		4. 72	. 16		. 81	
28	453550	2618850			11760	. 29	34.10	. 03	3. 53	. 16		. 83	9, 1
29	453550	2618870	1 A A A A A A A A A A A A A A A A A A A	4. 1. 1. 1.	11760	. 28	32. 93			. 15		. 79	9. 2
30	453560	2618890			11760	. 26	30, 58	. 02	1		1, 65		9.0
	453570	· ·			11800			.05	5, 90	. 16	1, 89	. 78	
	453570	· · ·			11800	. 31	36.58	.04	4, 72			, 90	
33 -	+ ¹	2618830			11800	. 32	37:76	. 03	3. 54	. 20	2.36	. 97	
34	453570	2618850		2.95	11800	.31	36.58	. 03			2.24		10.8
35 -	453570	2618870	1 A A A A A A A A A A A A A A A A A A A	10 A. 10	11760	. 29	34.10	. 02		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			10.3
		2618890		2.94		. 28	32, 93	. 02			1.88		
37	453590	2618790		2, 95	11800	. 31	36, 58	. 04				. 88	
38	453590	2618810	- 1 - L - L - L - L - L - L - L - L - L	2.95	11800	. 32	37.76	. 03	3, 54	. 20		. 96	
39	453590	2618830	1. I.	2.95		- 32	37.76	. 03	3. 54		2.36		
40 🖓		2618850			11800	. 31	36.58	. 03			2, 36		. 11, 3
	453590	2618670	4000	2,95	11800	. 30	35.40	. 02	2.36	19	2.24	. 95	11.2
41				. .									
41 42	453590	2618890	4000	2.94	11760	. 29	34, 10	. 02	2.35	19	2.23		11.0

	As Satil		00 m 						·.				
ut~o	ff grade	: 0.	. 20' Cu										
No	X (E)	Y (N)	Volume	S. G.	Tonnage	Ċ	u	Z	n ege	Α	U	1	4g
		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1. E. S.			grade	content	grade d	ontent	grade	content	grade	conter
11			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	. (kg)	(9/t)	(k)
	453470	2618830	1332	2.95	3929	. 35	13, 75	. 03	1. 18	, 10	. 39	. 59	2. (
2	453470	2618850		2.94	11760	. 29	34, 10	02	2. 35	. 04	. 47		
3	453470	2618870		2.94	11760	. 26	30, 58	. 02	2,35	. 02	. 24	. 52	
4	453470	2618890	2000	2.94	5880	. 24	14.11	. 01		. 02	. 12	. 52	
5	453490	2618810		2, 97	986	. 48	4. 73	. 04	. 39	. 19	· · · · · · · · · · · · · · · · · · ·	. 66	
6	453490	2618830	3668	2.96	10857	. 41	44, 51	. 04	4, 34	16	1.74		6,
7	453490	2618850	4000	2.95	11800	. 30	35, 40	. 02	2, 36		1.30	60	
8	453490	2618870	4000	2.93	11720	. 20		.01	1. 17		1.05	. 58	
9	453510	2618810		2. 98	7951	. 55		.05	3, 98	. 25		. 71	5.
10	453510	2618830		2.97	11880	. 48	57.02	. 05	5.94	. 22		. 69	8.
11	453510	2618850			100	1		. 03	3. 55	. 19	2.25	. 67	
12.	453510	2618870	4000	2.94		. 21	24.70	. 02	2.35	. 17	2.00	. 64	7.
13	453530	2618790		3:00	3000	. 66	19.80	.07	2.10	. 31			2.
14	453530	2618810		3,00	12000	. 65	78.00	.07	8.40	31	3. 72		9.
15	453530	2618830		2.99	11960	. 58	69, 37	.06	7, 18	. 30	3.59	. 75	8.
16	453530	2618850		2. 98	11920	. 50	59, 60	. 05	5.96	. 27	3. 22	. 73	
17	453530	2618870		2.96	11840	. 36	42.62	. 03	3, 55	. 24	2.84		8.
	453530	2618890		2, 95	11800	. 28	33.04	. 02	2.36		2.48	1 A A A A A A A A A A A A A A A A A A A	
19		2618790		3.01	9030	. 73	65, 92	. 08	7. 22	. 36	3.25	. 80	7.
20	453550	2618810		3.01	12040	. 75	90, 30		9, 63	:, 37	4.45		9.
21 %	453550	2618830	4000	3.01	12040	. 74	89.10	. 08	9, 63:	. 37	4. 45	. 82	9.
22	453550	2618850	4000	3.00	12000	. 66	79.20	. 07	8,40	. 35	4. 20	. 80	9.
23	453550	2618870	4000	2.98	11920	51	60.79		5.96	. 30	3, 58	. 76	9.
24	453550	2618890	- 1 C - 1	2.96	11840	. 42	49.73		4.74	. 27	3.20		8,
25	453570	2618790	3000	3.02	9060	. 79	71, 57	. 09	8, 15	. 39	3. 53	1.1.1.1.1.1.1	7.
26	453570	2618810	4000	3.02	12080	. 80	96.64	. 09	10, 87	. 40	4.83	. 84	10.
27	453570	2618830	4000	3.02	12080	. 81	. 97.85	. 09	10.87	. 40	4.83	. 84	10.
28	453570	2618850	.4000	3.01	12040	. 75	90.30	. 08	9.63	. 38	4. 58	. 83	9.
29.	453570	2618870	4000	2.99	11960	. 62	74. 15	. 07	8.37	35	4.19	. 80	9.
30	453570	2618890	4000	2.98	11920	. 52	61.98	. 05	5.96	. 32	3.81	. 77	9.
31	453590	2618810	1000	3.02	3020	. 81	24.46	. 09	2.72	. 40	1.21	.84	2.
32	453590	2618830	3000	3. 02	9060	. 80	72.48	.09	8.15	. 39	3. 53	84	7.
33	453590	2618850	4000	3.01	12040	. 76	91.50	. 08	9. 63.	. 39	4, 70	. 83	9.
34	453590	2618870	4000	3.00	12000	70	84.00	. 08	9, 60	. 38	4.56	. 82	9, 1
35	453590	2618890	4000	2.99	11960	.61	72.96	. 07	8.37	. 36	4.31	. 81	9.
			121000		360733		1945. 26		198. 03		98. 33		264.
		ana Ny Tserana			000100				130.00	÷			
eolo	gical Ore	Reserve	i in	(δ_{1},δ_{2})	10				1. 1. 1	14.2	3 - 11 - 1	5	
layi	As Safil	49	90 m	11.0				1.2.2		.*	ي الماني	i Se	a bat
ut-o	ff grade	: 0.	20 Cu	11 A.		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19		114.3	1.11		$(c, b) \in \mathbb{C}$		-
No	X (E)	Y. (N)	Volume	S. G.	Tonnage	C	u .	Zr	- <i></i>	 A			\g
				х ч.			content	· · · · ·					
			(m3)	-	(ton)	(%)	(ton)		(ton)	(g/t)		(g/t)	
1	453470	2618830	1332	2.94	3916	. 25	9. 79	. 03		. 00	.00		
2	453470	2618850		2.93	5860	. 21	12.31	02			.00		
	453490	2618810	332	2.95	979	. 33	3.23	06	. 59			.00	
4	453490	2618830	3668	2, 94	10784	. 29	31.27	05	5.39	.00			
	453490	2618850	4000	2.94	11760	. 24	28.22	03	3. 53		. 00	14 Au	1.1
	453510	2618810	1.1.1	2.95	7871	. 37	29. 12	08		. 00	. 00		
	453510	2618830		2.95	11800	. 34	40, 12	. 07	8.26	, 00	. 00		
	453510	2618850	4000	2.94	11760	. 28	32. 93	. 04				.00	
	453510	2618870	4000		11720	. 21	24.61	. 02	2.34	1 - C		1 N	

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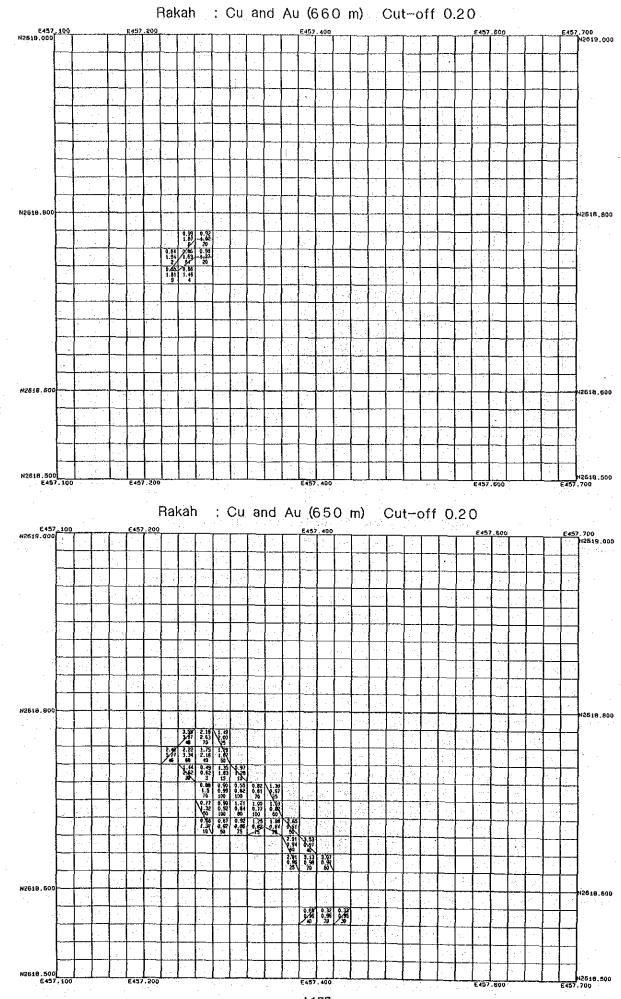
No.	X (E)	Y (N)	Volume	s.G.	Tonnage	Cu		Zn		Aù		Ag	
			(m3)	(t/m3)	(ton)	gradė (%)	content (ton)	grada (%)	content (ton)	grade (g/t)		grade (g/t)	
11	453530	2618830	4000	2, 96	11840	. 39	46. 18	, 09	10, 66	, 00	. 00	. 00	. 00
12	453530	2618850	4000	2.95	11800	. 35	41.30	. 07	8.26	. 00	. 00	. 00	. 00
13 .	463530	2618870	4000	2, 94	11760	. 28	32.93	.05	5.88	. 00	. 00	. 00	00
14	453530	2618890	4000	2.94	11760	. 25	29.40	.03	3. 53	00	. 00	. 00	. 00
15	453550	2618830	2000	2.97	5940	. 47	27. 92	. 12	7.13	, 00	. 00	. 00	. 00
16	453550	2618850	4000	2.96	11840	. 43	50.91	. 10	11.84	. 00	.00	.00	. 00
17	453550	2618870	4000	2.95	11800	. 36	42.48	. 07	8, 26	. 00	. 00	. 00	. 00
18	453550	2618890	4000	2.95	11800	. 31	36, 58	. 06	7.08	. 00	. 00	. 00	. 00
19	453570	2618850	2000	2.97	5940	. 47	27.92	. 12	7. 13	. 00	. 00	.00	.00
20.	453570	2618870	4000	2, 96	11840	. 41	48.54	. 10	11.84	.00	. 00	. 00	. 00
21	453570	2618890	4000	2, 95	11800	. 36	42.48	08	9.44	. 00	.00	, 00	. 00
			68000		200490		663, 11		130. 42		. 00		. 00

an tha an Carlor an taite Carlor an

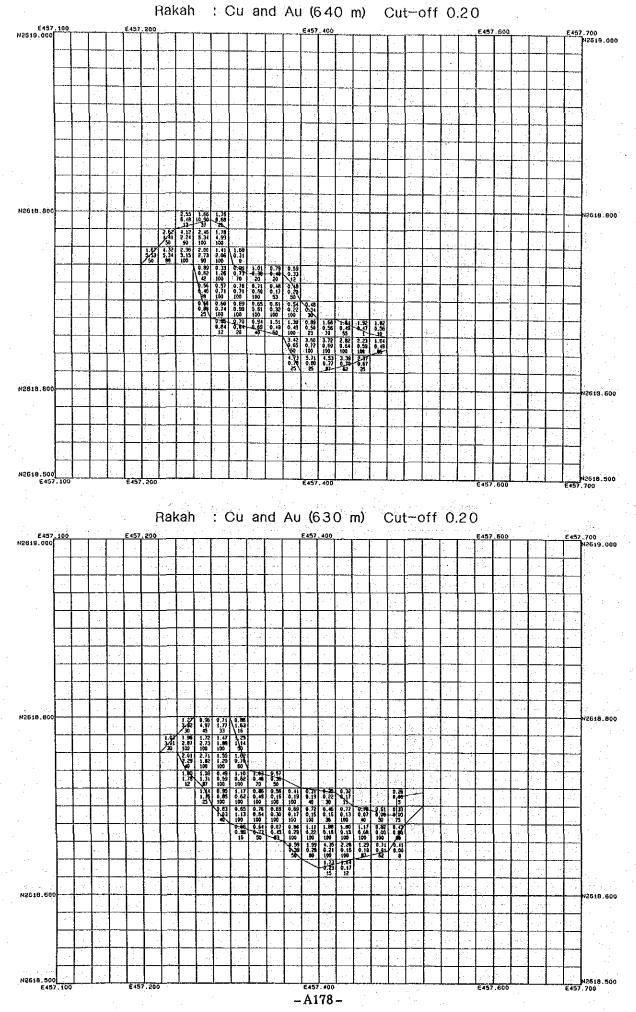
Appendix 19

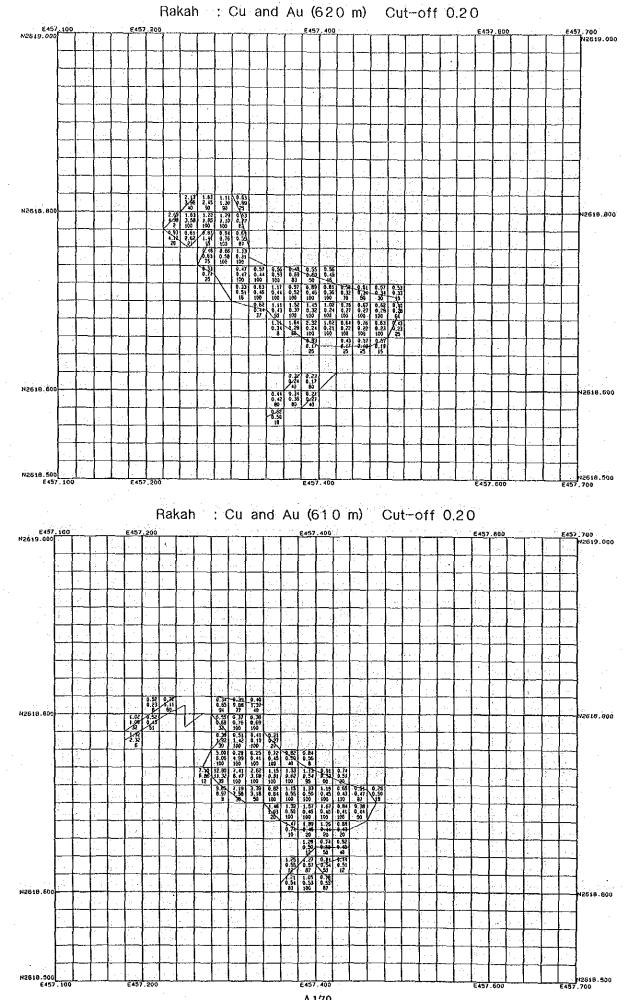
Distribution map of the ore blocks for each level in the Rakah deposit

an da da wa wa kangan malada kata Rangah Teneri na kara da sa

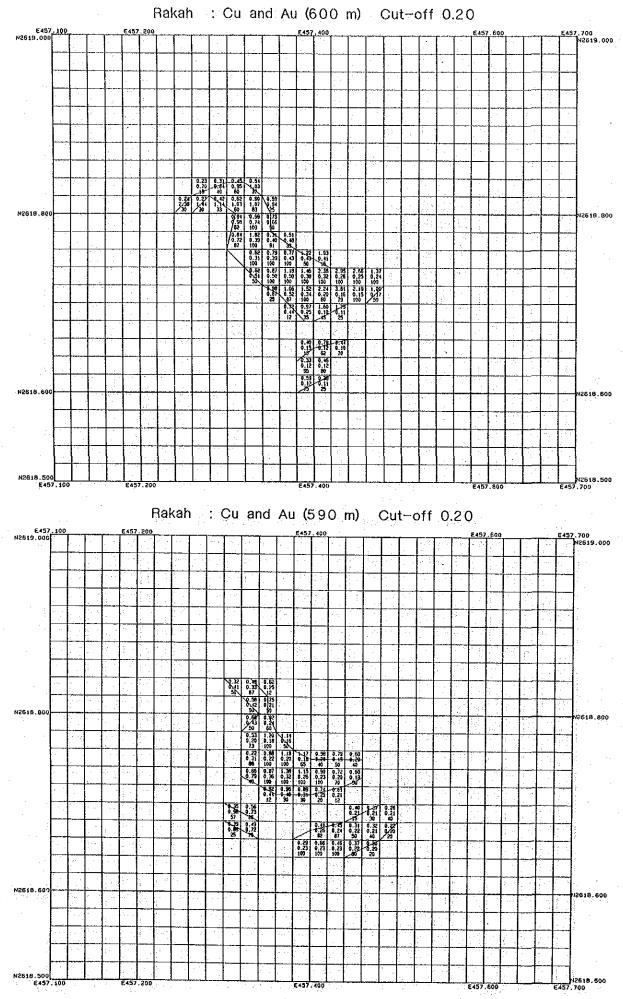


– A177 –



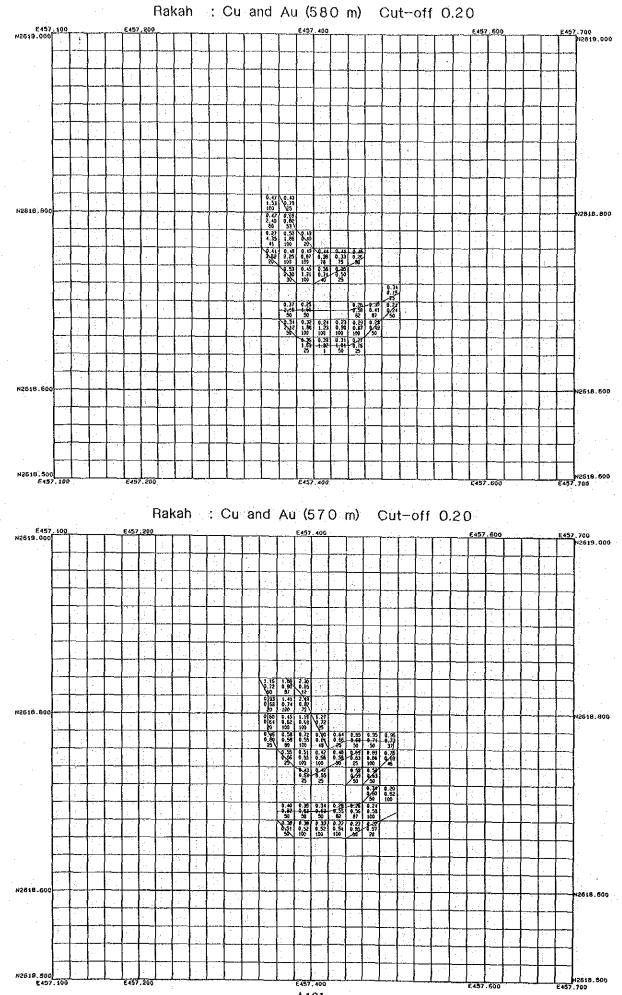


- A179 -

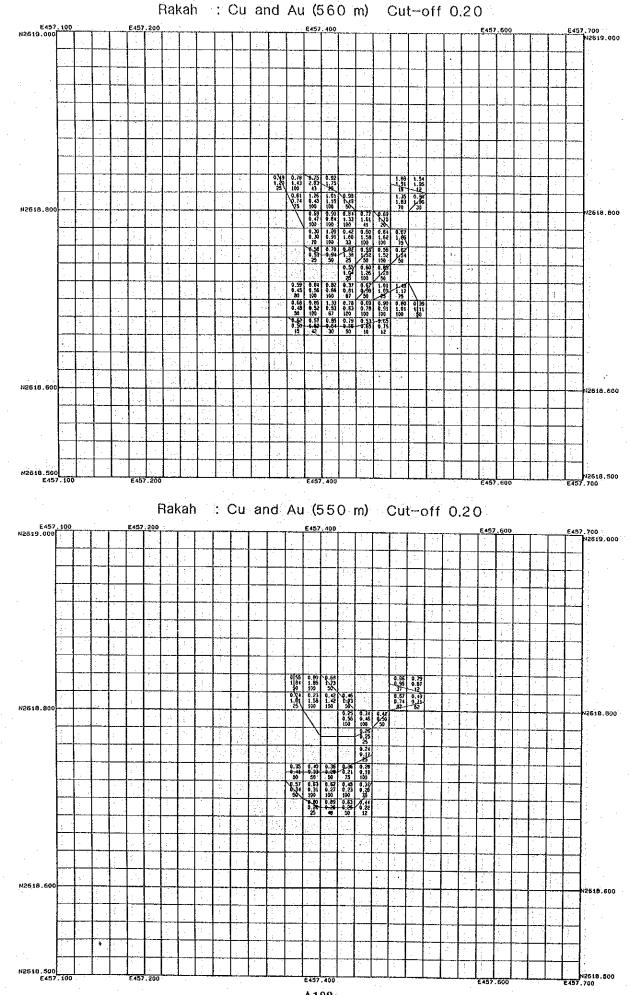


-A180-

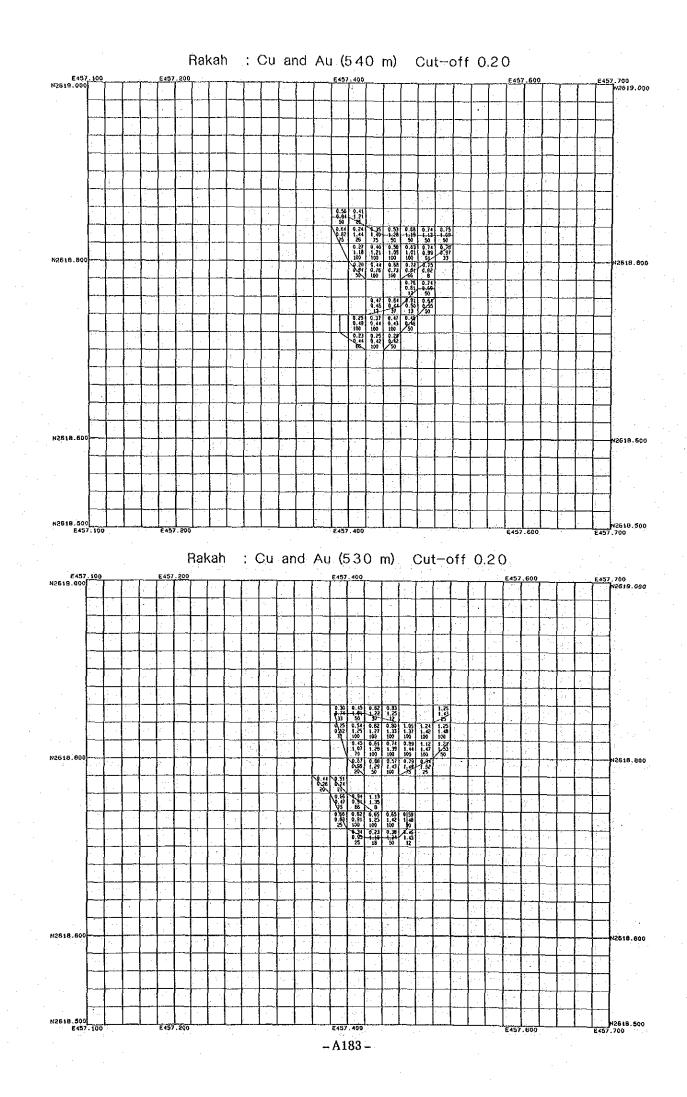
- 00

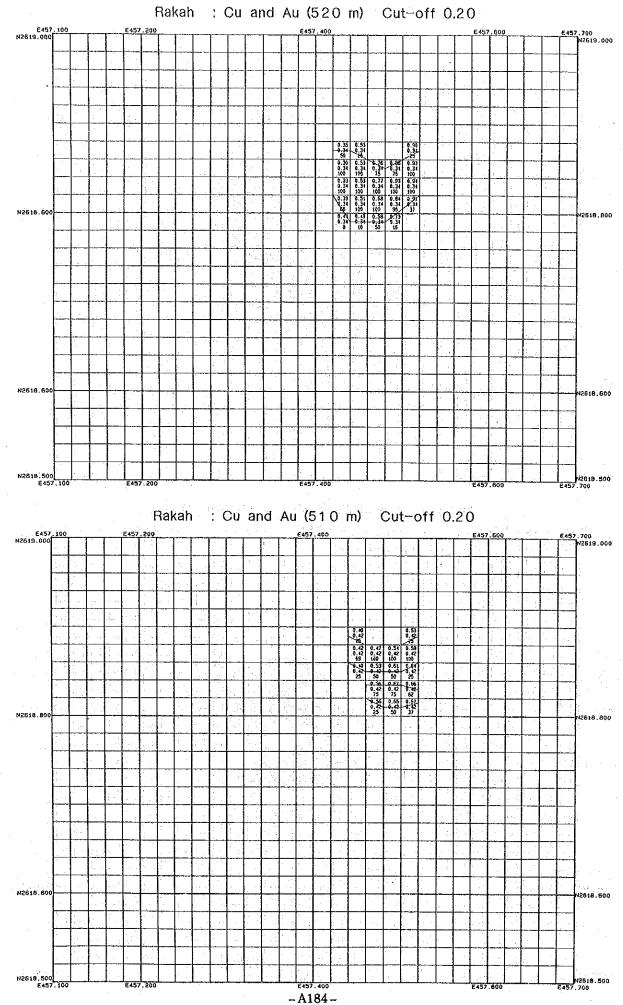


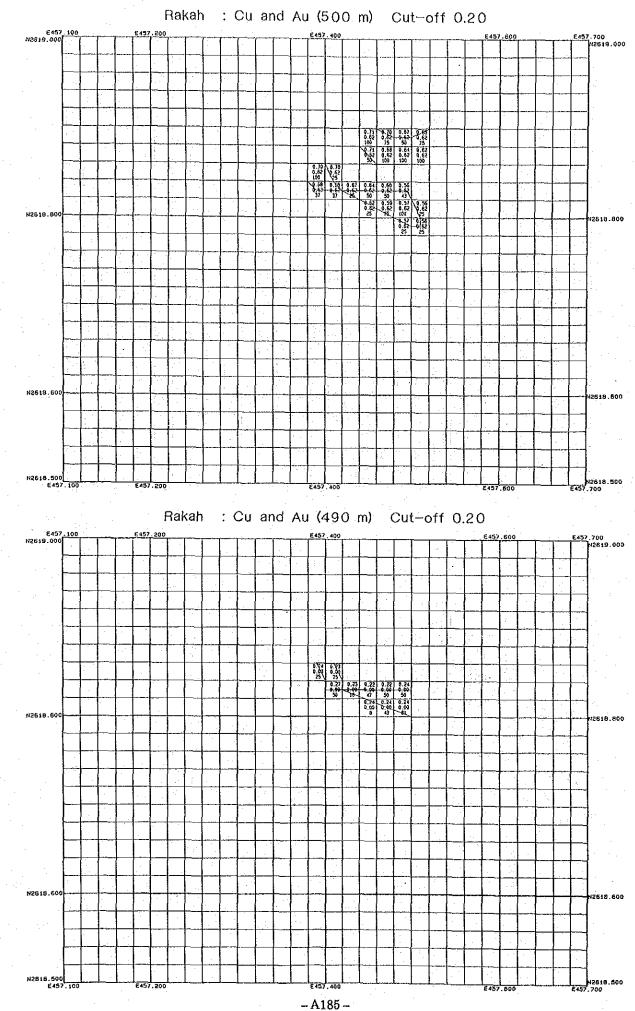
- A181 -



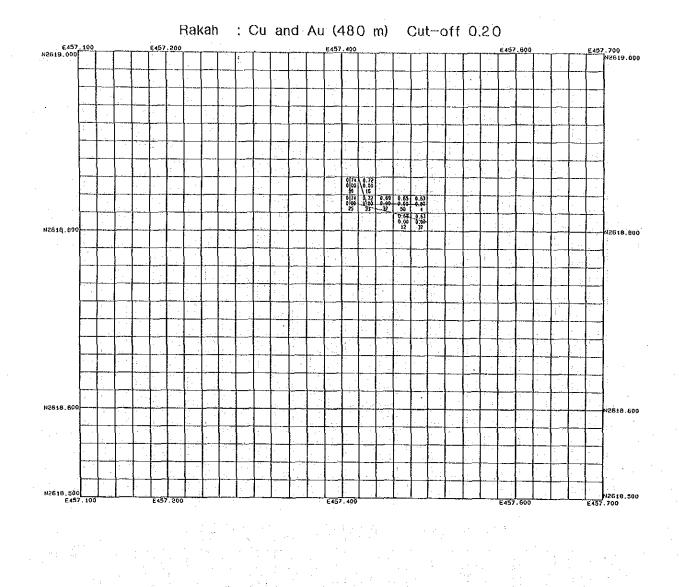
- A182 -







A199 - .



 1.15	Cu %
0.19	Au g/t
100	Volume % of ore

– A186 –

Appendix 20

List of ore reserves for each ore block in the Rakah deposit

أسب شريه	A		DD										
	f grade	: 0.	. 20 Cu										
No	X (E)	Y (N)			Tonnage		u ese	. 7		A	-		Ag :
		· · ·		(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)			
0	457230	2618730	392	2.83	1110	. 55	6. 10	. 21	2, 33	1.81		2, 42	2. 6
2	457230	2618750	88	2.84	250	. 64	1,60	. 22		1.94		2. 48	
3	457250	2618730	168	2.84	477	. 66	3. 15	. 10	. 48	1.46		2.25	
0	457250	2618750	2572	2.87	7379	.86	63.46	. 08	5, 90	1.69	12.47	2. 20	16. 5
()	457250	2618770	32	2, 89	92	. 99	91	. 03	. 03	1.87	. 17	2.03	
-	457270	2618750	800	2.88	2303	. 88	20.26	. 03	. 69	1.37	3, 15	1.97	4. !
() 	457270	2618770	800	2.88	2303	. 92	21.19	. 03	, 69	1.02	2.35	1.84	4. 1
			4852		13914		116.68		10.67		21.34	· · · · · · · · · ·	29. 1
		· · ·	•									· · · ·	
÷ .									· . ·				5 8 C
eolog	ical Ore	Reserva		÷					• •				
akah	a se est	: 6	50 m _										
ut-òf	f grade	. 0	20 Cu		•						an a	in Line an	ala di seri Mana
No	X (E)	Y (N)	Volume	S. G.	Tonnage	C	u	Ζ	n	٨	u	4	9
	11.1.1		the second	ан. 1947 - А	1 A	grace	content	grade	content	grade	content	9rade	conter
			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(g/t)	(k)
0	457230	2618750	1860	3.10	5760	2.48	142.86	. 11	6.34	5.27	30.36	16.64	95.4
Õ	457250	2618730	1200	2.95	3545	1.44	51.05	.07	2.48	2.62	9.29	10.54	37.
3	457250	2618750	2400	3.06	7342	2. 22	162.98	. 08	5.87	3.34	24. 52	9. 93	72.
0	457250	2618770	1940	3.25	6303	3. 59	226.28	. 08	5.04	3.87	24. 39	6. 59	41.
	457270	2618670	400	2.84	1136	. 56	6.36	. 13	1.48	1.37	1.56	6, 08	6, 1
6	457270	2618690	2000	2.85	5719	. 77	44.04	. 12	6, 86	1. 32	7, 55	6.00	34.
7	457270	2618710	2800	2.88	8060	. 88	70.93	. 08	6.45	1.25	10.07	4.86	39.
8	457270	2618730	152	2.82	429	. 49	2.10	. 04	. 17	. 62	. 27	4.95	2.
9	457270	2618750	1600	2.99	4788	1.75	83. 79	. 05	2.39	2.16	10.34	5, 84	27.
0	457270	2618770	2800	3.08	8565	2.18	186.72	. 06	5.14	2.63	22, 53	7.23	61.
11	457290	2618670	2000	2.85	5700	. 67	38.19	. 19	10.83	92	5.24	4. 47	25.
12	457290	2618690	4000	2.88	11514	. 90	103.63	. 22	25.33		10.59	3. 52	40.
13	457290	2518710	4000	2, 89	11514	. 90	103. 53	. 12	13.82	. 99	11.40	2. 62	30.
14	457290	2618730	628	2, 94	1849	1,35	24.97	. 02	. 37	1.83	3. 38	2. 18	4.
0	457290	2618750	2000	2.94	5871	1.29	75.74	. 03	1.76	1.67	9, 80	4, 12	24.
~	457290	2618770		2.96	2964	1.49	44. 16	. 05	1.48	2.00	5. 93		20.
1	457310	2618670			8564	. 92		, 27				3. 11	26.
- 1 - E - L	457310	2618690		2.93	9375	1.21			37.50	1.1		2.44	
	457310	2618710	2	2.83		. 55	62.28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. The second	1 A		2.06	23.
	457310	2618730			1155	. 97	1 N N	. 02	. 23		5. S	2.62	3.
	457330	2618670	1.1	2.94	8807		110.08	1.1	27.30				21.
10 C 10 C	457330	2618690	1.1.1	2.90	11590	1.00			28.97	1 State 1 Stat		2.30	25,
	457330	2618710		2.87	8033	. 82	65.87	1.1	8.03			2.30	
	457350	2618670 2618690		3.01	9035	1.88		1.1	20.78	1.1.1.1.1	· · · · · · · · · · · · · · · · · · ·	2.25 2.27	20. 16.
	457350 457350	2618710		2.97	7136 2945	1.59	113.47				2 1 2	2. 27	18. 7.
	457370	2618630	1. T. A. S.	2.94	2945		40.04 • 91.78	2.1	3.83 4.73		1	2. 55	7.
	457370	2618650	N 1	3.15	7570	2.91	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· · · · · · · · · · · · · · · · · · ·			2. 40	17.
· ·	457370	2618670	• 1 × 1	3, 13	6251		165.65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11.25			2. 34	
	457390	2618570	1 N L	1.1	4545	2.65	29.54		2. 73	1 A 4 4 4		2.46	- 14. - 11.
	457390	2618630		3. 18	8911		278.91				1. 1. 1. 19 A	2.40	21.
	457390	2618650	N 12 - 1	- 10 St 1		3, 53	1. N. S.		7. 77	10.00		2.38	
	457410	2618570		1.1	8758	. 32	28.03		- 19 (1)	1. A. A.	and the second	2.29	× .
	457410	2618630		1.1	7615		233.79		· · · ·	11 A.	and the second second	2.45	· · · ·
		1 A.	· · · ·		and the second								
35	457430	2618570	1200	2.80	3360	. 33	11.09	. 05	1.68	. 95	3.19	2.33	7.

- A187 -

ikah Jt-o	ft grade		40 m .20 Cu								$\tau \in [0, \infty)$	·	1.144
 10	X (E)	Y (N)	Volume	S. G.	Tonnage	 C		Zı	••••••••••••••••••••••••••••••••••••••	A			
**	(t i s	¹ 6		grade	content			grade	content		
. 8		n gala Shi sh	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(9/t)	(k)
0	457210	2618750	2000	2.97	5947	1.67	99. 31	. 19	11.30	5. 53	32 89	9.81	58. :
Ö	457230	2618750	·	3.32	12997	4. 32	561.46	.06		5, 34		7.94	103.
٥ ٥	457230	2618770	10 A		6213	2.62	162. 78	. 16		4.41		7.03	
ŏ.	457250	2618750	1 A A A A A A A A A A A A A A A A A A A	3, 15		2. 98	375.96	05		3. 15		6.63	83,
Ğ	457250	2618770	1 A A A A A A A A A A A A A A A A A A A	3. 33	12023	4.12	495.36	.04	4, 81	2.24	26.93	4.11	49.
6	457250	2618790	500	3.11	1553	2. 55	39.61	. 12	1,86	6, 48	10.07	10.10	15.
7	457270	2618690	1000	2.84	2841	. 66	18.75	. 28	7, 95	. 83	2, 36	6.05	. 17.
8	457270	2618710	1136	2.83	3216	. 56	18,01	. 13	4, 18	. 46	1,48	6.25	20.
9	457270	2618730	1688	2.88	4859	. 89	43.24	.06	2. 92	. 62	3.01	6.44	-31.3
0	457270	2618750	3600	3.03	10910	2.00	218.20	. 03	3, 27	2.73	29. 78	7.06	77. (
0	457270	2618770	4000	3.10	12388	2.46	304. 74	.07	8, 67	5.34	66.15	10.46	129.1
Ø	457270	2618790	1500	2.98	4475	1.66	74. 28	. 12	5, 37	10.90	48.77	16.37	73.
13	457290	2618670	1 St. 1	1. E. S.	1420	. 65	9.23	. 55	7.81	. 84	1.19	4, 45	6.
14	457290	2618690		2.84	11362	. 60	68, 17	. 47	53.40	. 74	8.41	4.45	50.
15	457290	2618710	4000	2.83	11324	. 57	64. 65	. 28	31.71	. 71	8.04	4.94	55,
16	457290	2618730	1. N. 1. 1. 1.	2.80	11210	- 33	36. 99	.03	3.36	1.26	14. 12	6.50	72.
Ø	457290	2618750	二 こうえいがく いん	2.95	11818	1.41	166.63	. 06	7.09	2.06	24.35		104.
<u>@</u>	457290	2618770	이 가 있는 것이 같아.	3.00	12008	1. 78	213. 74		10.81	4.99		13. 56	162.
0:	457290	2618790	- 1 C 1	3.00	3002	1.76	52.84		3.30	8.68	1.111	15.86	47.
20	457310	2618670	 12.5 	- 21 - 10	2280	. 70	15, 96	. 61	13, 91	. 84	1.92	1.7	7.
21	457310	2618690	2.1.1	1.1	11400	. 69	78.66	. 72	82.08	. 99	11.29	3.09	35.
22	457310	2618710		2,86	11438	. 76	86, 93	. 40	45, 75	. 71	8.12	3.66	41.1
23	457310	2618730		2.89	8086	. 96	77.63		14, 56	. 73	5.90	5.32	43.
24	457310	2618750	- 1 A - 4	2.99	108	1.68	1.81	. 11	. 12	. 31	. 03		
25	457330	2618670	19 H H	2.89	4621	. 94	43.44	. 49	22.64	. 69	3. 19	2.38	11.
26	457330	2618690	14 C 1	2.84	11362	. 65	73.85	· · · · ·	49.99	. 61	6.93	1,90	21.
27	457330	2618710		2.85	11400		80.94	.31	35.34	. 50	5.70	2.14	24.
28 29	457330	2618730		2,90	2318	1.01	23. 41	. 20	4,64	. 38	. 88	3.40	7.
30	457350 457350	2618670 2518690		2.96 2.84	7114	1.51	107.42	. 29	20,63	. 49	3.49		13.
31	457350	2618710		2.82	11362 5982	. 48	69.31 28.71	. 16	28, 40 9, 57	. 32	3.64	1.38	15. 6.
32	457350	2618730	 11. 	2.87	2295	. 79	18.13	. 18	3.90	. 40	. 92		5.
33	457370	2618630		3. 49	3487	4, 73	164.91	.21	7, 32	. 78	2.72		11.
34	457370	2618650	111	3.23	6460	3. 42	220. 93	16	10.34	. 65	4.20	2.92	18.
35	457370	2618670		2.94	11780	1.39	163.74	14	16.49	. 49	5.77	2.24	26.
36	457370	2618690	1. S. S. S. S.	2.83	11324	. 54	61.15	18	20. 38	. 22	10 C 10 C	1.37	15.
37	457370	2618710	2 D C	2.82	5643	. 48	27.09	5 S. S.	11.29	- 영향 제품	1. 13	14 - E LA	8.
38	457370	2618730		2.84	1420	. 59	8. 38	. 18	2, 56	. 33	. 47	2.09	2.
39.	457390	2618630	 NO 21 	3.64	3639	5.71	207.76		7.28	1.11.11.11.1	2. 91	3.67	13.
40	457390	2618650		3.26	13034	3.60	469.22	10 A 10	24, 76	. 72	9.38	er an	42.1
41	457390	2618670	· · · ·	2.88	2660	. 89		(4) (4) (4)	1, 86	. 50	and the second	2.53	6.
42	457390	2618690		2.82	3386	. 48	16, 25		7. 79	. 34	1.15	- 1 - E - E - E - E - E - E - E - E - E	6.
43	457410	2618630		3.38	11837	4. 53			30, 78	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		3.57	42.
44	457410	2618650			13072	3. 72	486.28	. 35	45, 75	. 69	9. 02	3. 33	43.
45	457410	2618670	- 1 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -	2.98	8352	1.68	138.65		24. 22	a shekara i	4.68	er - 1 - 12 11	23.
46 :	457430	2618630	1.5.5	3, 22		3. 39	272.94	100 C 100	22. 54	. 70	5.64	12 D	28.
47	457430	2618650	. Ch	3.14	12578	2.82	354. 70		40, 25	. 64	8.05	enge of the state	40.
48	457430	2618670	1 A 1 A 1 A 1	3.01	6625	1.84	121.91		22. 53	. 49		2.99	19.
49	457450	2618630	1000	3.09	3087		73. 17		8, 03		이 가슴 옷을 걸 수 있다.	3.36	10.
50	457450	2618650	4000	3.06	12236	2,23	272.86	. 29	35, 48		7.22	3. 22	39.
51	457450	2618670	56	3.02	169	1, 92	3. 25	28	. 47	. 47	.08	3.07	•
52	457470	2618650	3400	3.02	10271	1. 94	199.27	. 28	28.76	. 49	5.03	3.14	32.
53	457470	2618670	400	3.01	1205	1, 82	21.92	. 28	3, 37	. 56	67	3.10	3.

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τ~ο	ff grade	: 0	20 Cu										
~~- 0	X (E)	Y (N)	Voluma	 0 0	Tonnage		 Cu				~~~~ ~ ~		
.				0, 0,			content		Zn content	A grade		A grade	
	i yan	1.41 	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)		(g/t)	(kg)	(g/t)	(k
D	457230	2618770	1200	2.90	3477	1.03	35.81	, 16	5, 56	3.01	10, 47	4, 51	15, (
2 🖯	457250	2618730	500	3.00	1501	1.80	27. 02	. 09	1,35	1.78		3.65	Б.
3 🦉	457250	2618750	1600	3.04	4864	2.01	97, 77	. 11	5.35	2.29	11.14	4.22	20.
4.	457250	2618770	4000	3.03	12122	: 1. 96	237, 59	.11	13.33	2.87	34. 79	4.38	53.
5)	457250	2618790		2.94	3523	1.27	44. 74	. 24		(1) A. (1) A. (2) A.	13, 81	5.08	17.
6 ~	457270	2618710	1000	2.92	2916	1.14	33.25	. 08		1.1.1.1.1.1		3.01	8.
7	457270	2618730	3500	2.97	10407	· 1.59	165.48	, 08	8.33	2011 A. A.		3.28	34.
8 9	457270 457270	2618750	4000	3.13	12540	2.71	339.83	. 08		1.82	22.82	3.90	48.
).)	457270	2618770 2618790	4000 1800	3.00 2.89	12008	1, 72	206. 54	. 23	27.62		1.12.1	4.90	- 58.
1	457290	2618690		2.87	5198 4590	. 96	49.90 38.10	. 37	19, 23 4, 59	4.97 1.03	25.84	5.81). 0.40	30.
2	457290	2618710	4000	2.88	11514	. 90	103.63	. 09		.85		2.46	30
3.	457290	2618730	4000	2,82	11286	. 49		. 08				2.80	31.
4	457290	2618750	4000	2.97	11894	1.55	184.36	. 15		1.20		3.69	43.
	457290	2618770	4000	2.96	11856		174.28	. 29		1.88		4.98	59.
6	457290	2618790	1348	2.86		71	27.37	. 48	18, 50	1.77		5.60	21.
7 134	457310	2618670	668	2.85	1904	. 66	12. 57	-,ų			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.00	3,
8.	457310	2618690	4000	2.85	11400	, 65	74, 10	. 10	11, 40	1. 13	12.88	2.10	23.
9.	457310	2618710	4000	2. 92	11666	1.17	136. 49	. 12	14.00	. 62	7. 23	2.28	26.
0	457310	2618730	4000	2.91	11628	1, 10	127.91	,12	13.95	. 62	7.21	2.73	31,
1 -	457310	2618750		2.98	7159	1.62	115,98	. 15	10. 74	. 70	5.01	3. 38	24.
2	457310	2618770	2000	2.94	5871	1.25	73. 39	. 29	17.03	1. 14	6.69	4.21	24.
3	457310	2618790	668	2.88	1923	. 88		. 43			3.13	5.02	9.
4	457330	2618670	2000	2.85	5700	. 64		. 13	7.41	. 73	4. 16	1.70	9.
5 ···	457330	2618690	4000	2.86	11438	. 76	86. 93	•	16.01			1.69	19.
6 · 7	457330 457330	2618710 2618730	4000 2800	2.88 2.90	11514	, 86	99.02 .83.56	14	16.12	. 49	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1.81	20.
∙ 8 ∹.	457350	2618670	3332		8113. 9496	1.03	63. 62	. 15 . 16	12. 17 15. 19	. 48 . 45	3. 69 4, 27	2.23	18.
9.	457350	2618690	4000	2.85	11400	. 69	78.66	. 16				1.43	14. 16.
- 0	457350	2618710	4000	2.84	11362	59	67.04	. 18	20.45	. 16	1.82	(A) (A) (A)	15.
1	457350	2618730		2.83		. 57	32. 27	. 18	9.06	. 36		1.80	10.
2:	457370	2618650	2000	2.83	5662	. 59	33, 41	. 17		. 39	2.21	1.1.1	7.
3	457370	2618670	4000	2.87	11476	. 88	100.99	. 17	19.51	. 29	3. 33	1.35	15.
4	457370	2618690	4000	2.86	11438	. 69	78. 92	. 16	18.30	. 17	1.94	1.35	15.
5	457370	2618710	4000	2.81	11248	. 41	46. 12	- 15	16.87	, 19	2.14	1.46	16.
6 ·	457390	2618650	2400	2.88	6908	- 1. 59	109, 84	. 16	11.05	. 28	1. 93	1.27	- 8.
7	457390	2618670	4000	2.91	11628	- 1 . H.	129, 07	. 17	19,77	. 22	2. 56	1.31	. 15.
8, : :	457390	2618690	4000		11400	72		. 12	13.68	. 16		1.38	
9	457390	2618710	1600	2.80	4484	, 31	13.90	- 11				1.48	
0	457410	2618630		2.86			29.68	. 14			. 39	1.11	1
1	457410	2618650	4000	3.02		4,35	525.65	. 14			1.1	1.20	14.
2.	457410	2618670			11666	1.88	219.32	. 13		. 16		1.27	1.1
3. 4	457410 457410	2618690 2618710	1440 1200	2.82			18.69	. 05	2.03 3.37	. 16 . 22	. 65	1. 35	5.
4 5 :	457410	2618630	.500		1425	, 35 1, 64	23, 37	, 10 , 12	10 C 1	. 17		1.04	
6	457430	2618650		2.93	11704	2.28	266.85	. 15	17.56	16		1.14	13.
7		2618670	4000		11666	1.80	209.99	. 14		. 13		1.23	14.
8	457430		4000	2.85			87. 78	. 12				1.33	15.
9	457430			2.80		. 32	5. 45	. 12		. 17		1.48	2.
0	457450	2618650	3500	2.88	10075	1.29	129.96	. 16	16.12	10		· · · ·	10.
1.		2618670	4000		11666	. 1.17	136. 49	. 22	25, 67	. 08	. 93	1.11	13.
2 :	457450	2618690	1600	2.86	4575	. 78	35. 69	. 15	6.86	. 07	. 32	1.25	5.
3 _,	457470	2618650	2500	2.84	7101	- , 71	50. 42	. 15	10.65	. 0]	, 07	- 99	7.
4.	457470	2618670	4000	2.87	11476	. 82	94.10	. 16	18.36	. 00		1.05	12.
5.	457470	2618690	1200		3409	61	20.79	₋₀ 13		. 00		1.15	1 a.
6	457490	2618650	332		930	. 41	3.81	-11		11	.00		4 - E
7	457490	2618670	2668			. 43	32.26	. 11		. 00	.00		6.
8 .	457490	2618690	3000	2.80 2.80	8408 560	. 33 . 26	27.74	.08 .06	6.73 .34	. 00	.00		8.
9	457490	2618710	200	2 00							1.00	1.23	1.4.*

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lo .	V /c)	V (N)		s.G. 1			u .		Zn		U	A	
	X (E)	Y (N)	(m3)	(t/m3)	(ton)				content		content	grade (9/t)	-
() (2)	457230 457230	2618770 2618790	800	2.89 3.13	2310 338	, 93 2.65	21.49 8.95	09 11	2.08	4. 12 4. 98		12. 17	
3	457250	2618770	876	2.84	2488	. 61	15. 18	13	3.23	2.62		9,76	· · ·
۹	457250	2618790		2.98	11932	1.63	194.49	. 14	16.70			10.45	
Ğ.	457250	2618810	1600	3.05	4879	2. 13	103. 93	. 14	6.83			11.14	
6	457270	2618730		2, 80	2803	. 33	9.25		4. 20	. 77	2.16	6.55	18.
7	457270	2618750	3000	2.82	8465	. 48	40, 63	. 23	19, 47	. 63	5. 33	6.65	56.
8	457270	2618770	600	2.88	1727	. 87	15.03	. 20	3.45	1.41	2.44	6.38	11.
9	457270	2618790		2.93	· · · ·	1. 22	142.79	. 20		1.85		6.14	
0	457270	2618810		2.98	10739	1.63	175.04	. 20		2.45		7.21	
11	457290	2618750	120 A. 1	2.85	11400	. 66	75.24	. 16		. 68		4.49	
2	457290	2618770	14.1	2.89	11552	. 94	108.59					4.00	
3 - ⊘	457290	2618790	10 C 10 C 10	2.94	11742	1.29	151.47	1.10.1	1. A.	1.10	1.1.1.1	3.49	
(9) 15	457290 457310	2618810 2618710	3600 652	2.91 2.80	10465	1.11 .33	116. 16 6. 03	. 25	26. 16 1, 83	1.30		4.53 3.21	
16	457310	2618730	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.82	11286	. 47	53.04		13, 54		5.30	1 A A A A A A A A A A A A A A A A A A A	
17	457310	2618750	4000	2.92	11666	1. 13	131.83	13	15, 17	. 31	Y	3. 38	39.
18	457310	2618770	- s - 5	19.5 1	9975	. 69	68, 83	1. A.				3. 26	1.1
19	457310	2618790	A. C. C. A.	1 S. S. S. S.	7101	. 63	44.74			. 77	5.47		
Ø.	457310	2618810	1000	2.84	2841	. 63	17.90		7. 39	. 89	2. 53	3.63	10.
21 -	457330	2618690	1500	2.84	4261	. 62	26. 42	. 12	5.11	. 44	1.87	2.28	9.
22	457330	2618710	4000	2.84	11362	. 63	71.58	. 14	15, 91	. 46	5.23	2.36	26.
23	457330	2618730		2.83	11324	. 57	64. 55			. 44		2.52	28.
24	457350	2618570		2.83	2084	. 52	10.83			. 50		2.64	
25	457350	2618590		2.82	9029	. 44	39, 73			. 42		2.24	
26	457350	2618670	332	2.91	965	1.11	10.71	. 20		. 34		1.79	
27 :	457350 457350	2618690 2618710		2.91	5814 11666	1. 11	64, 54 136, 49	17 ⊴18	9,88 21,00	. 43		1.98 2.14	
28 29	457350	2618730	1 A A A A A A A A A A A A A A A A A A A	2.83	11324	- 56	63. 41	18 17	19.25	. 44 . 53		2.28	
30	457370	2618590	3200	2.80		. 34	30.49			36		1.94	
31	457370	2618610		2.80	4484	. 31	13, 90	. 34	15.25	. 24		1.38	6.
32	457370	2618670	5 2 4 4 1		7959	1.64	130. 52	.24	19, 10	. 28	1 A 4 4 4 4 4	1. 45	
33	457370	2618690		2.95	11856	1. 52	180. 21	. 20	23. 71	. 37	4, 39	1. 76	20,
34	457370	2618710	4000	2.89	11552	, 97	112.05	17	19.64	. 52	6.01	2.00	23.
35]	457370	2618730	3332	2.82	9401	. 48	45.13	16	15.04	. 69	6.49	2.16	20.
36	457390	2618590		2.80	4480	. 21	9.41	. 29	12. 99	. 27	1.21	1.54	6,
37	457390	2618610	3200	2,80	8960	. 23	20. 61	. 30	26.88	17	1. 52	1.05	≥ ° 9.
38	457390	2618650	1000	2.89	2888	. 93	26.86		6.93	. 17	. 49	1	2.
39	457390	2618670	and the first sector of the	3.08	12312		285, 64			. 24	· · · ·	1, 28	
40	457390	2618690		2.95	11818	1.45	171.36	1 - A - A -		. 32		1.51	
41	457390	2618710	1 1 N 1 1 1 1	2.88 2.83	11514	. 89	102.47			, 46			20.
42	457390 457410	2618730 2618670	·	2.83	5662 11590	.55 1.02	118.22		8. 49 20. 86	.60 .21		1.93 1.22	
43 44	457410	2618690			11590	1.02	118.22					1.36	
45	457410	2618710	1941 (J. 19	2.87	11476	. 81	92.96		14, 92	. 36			17.
46	457410	2618730	668	2.83	1891	. 56	10.59	·		49		1.78	
47	457430	2618650	1000	2.81	2812	. 43			5.91	. 17		1.02	
48	457430	2618570	4000		11362	. 64	72. 72			. 22	2.50		
49	457430	2618690	4000	2, 86	11438	. 78	89. 22	. 16	18, 30	. 27	3.09	1.38	. 15.
50	457430	2618710		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7927	. 58	45.98	, 10	7, 93	. 32	2. 54	1.49	11.
51	457450	2618650	1000	2.83	2831	. 57	16. 14	A				1.07	
52	457450	2618670			11438	. 76	86.93		34.31	₩22		1.23	
53	457450	2618690	10.00	2.85	11400	. 67	76.38		20, 52	. 27		1.39	
54	457450	2618710		2.84	5681	.61	34.65	12			1.93		
55	457470	2618650		2.83	1699	. 57	9,68	. 24	4.08	. 19		1.12	
56	457470	2618670		2.84	11362	. 63	71.58		25,00	. 23		1.23	
57 68 -	457470 457470	2618690 2618710		2.84 2.83	11362 3397	. 62 . 57	19. 36	. 15	17.04	. 28 . 34		1.33	. 15. ∴4,
58 · 59 ·	457490	2618670	1000	2.83	2812	. 43	12.09				, 65		
60	457490	2618690		1 A A A A A A A A A A A A A A A A A A A	7266	. 40	29.06				2. 03		
61	457490	2618710		2.83	1189	. 53	6. 30			. 33	. 39		1.

Geological Ore Reserve

10	X (E)	Y (N)			Tonnage		Çu			4			1 9
1.15	an taon 1970. An		анана. Силана								content		
		· · · · · · · · · · · · · · · · · · ·	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)	(kg)	(<u>9/</u> t)	(kg
0	457190	2618770	260	2.80	728	1. 32	9.61	. 45	3, 28	2. 32	1.69	19.80	14. 4
Ž	457190	2618790	1300				37, 13	. 36			3.86		
3	457210		2068	2,80	5790	. 52		. 20	11.58				107.4
ð	457210	2618810		2.80		. 52		. 25					16.6
5	457230	2618810		2.80			14.88	. 21	14.21		74		
6	457270	2618730	500	3. 27		7, 10		1.62					32.5
-	457290	2618710	· .·	3. 54	1176	9.65		2, 20	25.88		10.55		
ð	457290	- 5 - F. A. A.	1592	3. 79	6034	12.80		2.82			68.31		
	457290		4000	3.06		5.00		. 98	119.91	6,06	74.15		1 1 A L
Ó	457290			2.81	3374	. 39		. 32	10.80		6, 48	10.86	36.6
11	457290	2618790	1300	2.83	3680	. 55		. 33			2, 54		
2	457290	2618810	3796	2.80		. 34			32.98		6, 91		
3	457310		1200	3, 36			290.16	1,69					54.6
0		2618730	4000	3. 19		7.41			154.49		82.61	13.75	175.5
5	457310	2618750		2, 80	11200	. 29		.09	10.08		55, 89	10, 29	115.2
6	457310	2618770		2.81	11248	. 51				1. 42	15, 97		
7 '	457310		4000	2.81		. 37		. 28			8.55	4, 19	47. 1
8	457310		3092	2,81	8695	. 39		. 34			7.65	4.80	- 41.7
9	457330		2000	3.00	6004	3. 39		. 73	43.83	3. 18	19.09	6.95	41.7
0	457330	2618730	4000	2, 94	11780	2.62	308.64	:. 53	62.43	3. 08	36. 28	6. 68	78.6
1	457330		4000	2.80	11200	. 25		. 12	13.44	41	4.59	4. 19	46. 9
2	457330	2618770	4000	2.81	11248	41	46. 12	. 13	14.62	10	1.12	1.40	i 15. 7
3	457330	2618790	4000	2.81	11248	. 38	42.74	. 26	29. 24	. 69	7.76	2.63	29.5
4	457330	2618810	1600	2.81	4499	. 40	18.00	41	18. 45	1.37	6.16	2.85	12.8
5	457350	2618690	800	2: 92	2333	1. 46	34.08	. 42	9, 80	1:03	2.40	3.01	1.0
61	457350	2618710	4000	2.87	11476	. 82	94. 10	. 42	48. 20	. 64	7, 34	2.19	25.
7 .	457350	2618730	4000	2.89	11552	1. 15	.132.85	31	35.81	. 81	9.36	2.50	28.8
8 · 8	457350	2618750	4000	2.84	11362	. 72	81.81	. 18	20.45	45	5.11	1.73	19.6
9	457350	2618770	1088	2.80	3046	. 21	6.40	. 12	3. 66	. 27	. 82	1.30	3. 9
0	457370	2618610	3356	2.93	9820	1.21	118.82	. 14	13.75	. 54	5.30	1.51	14.8
11	457370	2618630	500	2, 93	1463	1.25	18.29	. 12	1.76	. 55	. 80	1.15	્રા. ૧. ૬
2	457370	2618670	400	2.96	1186	1: 47	17.43	24	2.85	. 74	. 88	1.91	2. 2
3	457370	2618690	4000	2.94	11780	1. 32	155, 50	. 28	32.98	. 50	5.89	1.78	20.9
4	457370	2618710	4000	2.92	11666	5 1. 15	134. 16	. 28	32.66	. 55	6.42	1.81	21.
5	457370	2618730	4000	2.94	11742	1. 33	156.17	. 23	27.01	. 62	7.28	1. 59	18. 6
6	457370	2618750	1600	2.87	4590	. 82	37.64	19	8.72	. 50	2.30	1.28	5.8
87 . ·	457390	2618610	4000	2.90	11590	1.05	121.69	. 11	12.75	. 53	6, 14	1.12	12. 9
8	457390	2618630	3500	2.93	10241	1. 27	130.06	. 04	4.10	. 57	5.84	. 74	7. 9
9	457390	2618650	500	2.94	1468	1. 28	18. 79	. 14	2.05	. 50	. 73	1.05	્રા
0	457390	2618670	800	3, 02	2417	1.89	45.68	. 23	5. 56	. 46	i 1.11 5	1.38	3. 3
H 1	457390	2618690	4000	2. 97	11894	1. 57	186. 74	., 19	22.60	. 46			19,
2	457390	2618710	4000	2.94	11742	1, 33	156.17	. 19	22.31	. 50	5.87	1.69	19.8
3	457390	2618730	3800	2, 91	11047	1, 13	124.83	. 20	22.09	. 54	5.97	1.34	- (14.)
4	457390	2618750	332	2,87	953	. 84	8.00	. 18	1.71		. 53		
5.	457410	2618610	3500	2.86	10008	. 78	78.06	. 09	9.01	. 55	5.50		
6	457410	2618630		2.87		. 84		09	14 A.		3.10	· · · ·	
7	457410	2618650	2000	2.86	5719	. 74		- 16				1 A.	· · · · 6.
8	457410	2618670	.800	2.93	2341		29.49				1.03		1. S.
9	457410	2618690	4000		11932	1.67						1.56	
0	457410	2518710		2.92	11666	1.18			1 C C C C C C C C C C C C C C C C C C C			1 - A A.	18.
it j	457410	2618730	2400	2.88	6908						3,66	1.41	
2	457430	2618630	500	2.81	1406	. 44					. 72		
3	457430	2618650	1600	2.82	4514	. 52						1.15	
54 .:	457430	2618670	800	2.85	2280	. 68							3.
55	457430	2618690	4000	2.87	11476	. 84					4. 71		
66	457430	2618710	4000	2.84	11362	. 65						1.58	
57	457430	2618730		2.85	2280	. 74					1.16	1, 42	
58	457450			2.80	5605 9875	. 38 . 51						1.54	
59	457450	2618710		2.82									

Geological Ore Reserve

Rakah

Cut-off grade

: 610 m

: 0.20 Cu

- A191 -

6515.44

1384, 26

599.87

1948.81

430384

148316

t-o	tt grade	: 0.	20 Cu							:			
io i	X (E)	Y (N)	Volume	S. G.	Tonnage		Cu		Zn	A	u	Α	9
	: .	• • •					content	· · · ·			· · · · ·		
·			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)	(kg)	(9/t)	(k
Ð.	457250	2618810	1200	2.80	3360	. 24	8.06	., 35	11.76	2. 38	8,00	14. 70	49.
2	457270	2618810	1200	2,80	3360	. 27	9.07	. 37	12, 43	1, 44	4,84	6, 58	22.
	457270	2618830	752	2.80	2106	. 23	4.84	. 46	9.69	. 70		1.97	4.
4	457290	2618810	1332	2.81	3746	. 42	15.73	. 33	12, 36	1.14	4, 27		-11.
5)	457290	2618830	1600	2.80	4480	. 31		. 40	17, 92	. 84		1.75	
6	457310	2618770	3500	2.87	10042	. 84		. 15	15.06	. 72		3, 56	
7	457310	2618790	2500	2.89	7220	94	67.87	. 22	15.88	. 98	· · · ·	2.62	
8	457310	2618810		2.84		. 62	42.27	. 27		1.03		2.32	
9	457310	2618830		2.82	6772	. 45		. 32		. 95		1.37	
0	457330	2618730	2000		5681	. 62	35.22	. 25	14. 20	. 51		2.04	
1	457330	2618750	4000	2.84	11362	. 62	70.44	. 08	9,09	. 31		2.26	
2	457330	2618770		3.01	12046	1.82	219.24	. 19		. 39		2.45	
3	457330	2618790	4000	2.90	11590	. 99	114.74	. 21	24.34	, 74		2.25	
4	457330	2618810	3324	2.84	9442	. 60	56.65	. 22		1.07		1.71	
5	457330	2618830	1500	2.83	4247	- 54	22.93	. 26	11.04	1.03		1. 33	
6 [·]	457350	2618710	1000	2.88	2879	. 88	25.33	44		. 67		1.24	
1	457350	2618730		2.88	11514	. 87	100.17	40		. 50		1.55	
3	457350	2618750	4000	2.87	11476	. 79		: 30	- 34. 43	. 39		2.07	
9	457350	2618770	3668	2.80	10280	. 31	31,87	. 23	23, 64	40		2.31	
D.	- A - A - A - A - A - A - A - A - A - A	2618790		2.86	5719	. 73		. 22	12, 58	. 66	3.77		
1	457350	2618810		2.84		. 59		. 22		. 94	2.67		
2	457370	2618690		2.85	1425	. 72		. ३।		. 44		. 95	h
3	457370	2618710		2.90	10141	1.06		· · ·		. 52	÷5.27		
4	457370	2618730		2.92	11666	1. 18	137.66	. 63	73, 50	. 50		1.43	
5	457370	2618750		2.86	11438	. 17		44	50.33	. 43		1.69	
6	457370	2618770		2.83	3771	. 51	19.23			. 48		1.93	
7	457390	2618610		2.83	8493	. 59		. 05		. 12		. 28	
8 -	457390	2618630	3832	2.80	10730	. 33	35.41	03	3. 22	. 12	1.29	. 29	3.
9	457390	2618650		2.80	1872	. 40	7, 49	10	1.87	. 15	. 28		•
0	457390	2618690	1400	2.89	4043	. 97		. 20	8, 09	. 26	1.01		1.1
1	457390	2618710	4000		11856	1. 52	180, 21	. 33	39. 12	. 34	4.03		12.1
2	457390	2618730		2.95	11818	1,46		. 47	55. 54	. 38		1. 22	
3	457390	2618750	·	2. 93	5852	1.22	71.39	43	25.16	. 43	2.52	1. 38	
4	457410	2618610	1000	2.80	2803	. 38	10.65	. 04	1, 12	- 11		. 28	
5	457410	2618630	3200	2.81	8998	. 46		.04	3, 60	. 12	1.08		
6.	457410	2618650	2500	2.86	7149	78	55.76	05	3. 57	. 12	. 86	· .	
7	457410	2618690	1 B	2.97	5352	1.60		.06	3. 21	. 10	. 54		3.
8	457410	2618710		3.07	7364		164.96	~ 19		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.47		
9	457410	2618730	4000	3.09	12350	2. 38	293, 93	. 29	35, 81	∂. 32	3, 95	1.06	
0	457410	2618750		3.02	1813	1, 93		. 30	5.44		. 74	1.24	2.
1	457430	2618650	2800	2.80	7847	. 44	34.53	04		. 10	. 78	1	3.
2	457430	2618690		2.99	2993	1.75	52.37	. 07	2.09	. 11	. 33		1.
3	457430	2618710		3.26	10362	3.61				. 16	1.66	· · · · ·	: A].
4	457430	2618730		3. 16	12654	2.95	373.29		20.25	. 26	3.29	1.1.1	· ·11.
5	457450	2618710		3.06	12236	2.19	267.97	-, 09	11.01	. 15	1,84		9,
6	457450	2618730	4000	3, 13	12502	2,66	332.55	··· 12	15,00	. 25	3.13	91.	: • 11.
7	457470	2618710	2000	2.89	5776	1.00	57.76	. 09	5. 20	- 17	. 98	. 80	* ee 4.
8	457470	2618730	4000	2.94	11780	1.37	161.39	. 10	11.78	. 24	2.83	. 88	; 10.

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- A192 -

Geological Ore	Reserve
Rakah	: 590 m
Cut-off grade	: 0.20 C

	No	X (E)	Y (N)	Volume	s.G.	Tonnage		Cu	. 2	la .	A	J	A	a
					1.0			content						
				(m3)	(t/m3)	(ton)	(%)	(ton)	. (%)	(ton)	(g/t)		(g/t)	
	1	457310	2618670	1000	2.81	2812	. 39	10. 97	. 34	9, 56	. 88	2. 47	4, 95	13. 92
	2	457310	2618690	2284	2.80	6401	. 35	22.40	. 33	21.12	, 98		4,84	30, 98
	3.	457310	2618830	2000	2,80	5605	. 32	17.94	1. 11	62.22	. 41	2,30		31. 72
	4	457330	2618670	3000	2.82	8465	- 49	41.48	. 30	25.39	. 72		2.57	21.75
	5	457330	2618690	1000	2, 83	2831	. 56	15.85	. 27	7.64	. 73	2.07		6.00
	6	457330	2618730	1600	2.84	4545	. 66	30.00	. 18	8.18	, 79	3. 59	1 67	7. 59
1.1	7	457330	2618750	3528	2,80	9878	22	21.73	. 13	12,84	. 31	3. 06	1.57	15. 51
	8	457330	2618770	2920	2.83	8267	. 53	43.81	. 07	5.79	. 20	1.65	1.60	13. 23
	9	457330	2618790	2000	2.85	5700	. 66	37.62	. 25	14.25	. 43	2.45	2.74	15. 62
	-10	457330	2618810	2000	2.84	5681	. 58	32.95	. 59	33. 52	. 42	2.39	3.78	21.47
	11 -	457330	2618830	3500	2.82	9875	. 48	47.40	. 84	82.95	, 33	3.26	4.27	42.17
	12	457350	2618710		2.88	1382	. 92	12.71	. 20	2.76	. 44	. 61	1.24	1.71
	13	457350	2618730	4000	2.88	11514	. 87	100.17	. 27	31.09	. 36	4. 15	1.25	14. 39
	14	457350	2618750	4000	2.88	11514	. 88	101.32	. 21	24. 18	. 22	2. 53	1.43	16. 47
	15	457350	2618770	4000	2.93	11704	1.20	140.45	. 11	12.87	. 18	2.11	1.72	20.13
	16	457350	2618790	2400	2.89	6931	. 92	63.77	. 19	13. 17	. 24		2.27	15. 73
	17	457350	2618810	2000	2.86	5719	- 75	42.89	. 41	23, 45	21		2.93	16.76
	18	457350	2618830	500	2.84	1420	. 62	8.81	. 63	8.95	. 25		3.34	
	19	457370	2618710	1200	2.89	3466	. 96	33. 27	. 33	11.44	. 40			4.16
	20	457370	2618730	4000	2.94	11780	1.38	162.56	. 45	53,01	. 32		1.25	14. 73
	21	457370	2618750	4000	2.92	11666	1. 18	137.66	. 29	33.83	. 20			15.40
	22	457370	2618770	2000	2.92	5833	1.14	66, 50	. 22	12.83	. 16			10.09
	23	457390	2618650	4000	2.80	11200	. 29	32.48	. 16	17, 92	. 23	2.58	50	5.60
	24	457390	2618710	1200	2.88	3454	. 89	30.74	. 35	12.09	. 31		1.09	3.77
	25	457390	2618730	4000		11666	1.15	134.16	. 37	43, 16	. 26	3.03	1.26	14.70
	26	457390	2618750	2600	2.92	7583	1.17	88.72	. 33	25.02	. 18		1.37	10.39
	27 28	457410	2618650	4000	2.85	11400	66	. 75. 24	. 03	3,42	. 23	2.62	. 55	6, 27
		457410	2618670	2500	2.81	7030	- 41	28.82	. 21	14, 76	. 26	1.83	. 74	5, 20
	29 30	457410	2618710	800	2.86	2288	. 74	16.93	. 30	6,86	. 25		1.08	2.47
	30	457410	2618730	4000	2,88	11514	. 90	103.63	. 31	35,69	. 23	2.65	1.22	14.05
	31 32	457410 457430	2618750	1600	2.89	4621	. 98	45.28	. 28	12.94	. 20	. 92	1.38	6.38
	33	457430	2618650 2618670	4000 3500	2.82	11286	. 46	51.92	. 12	13.54	. 23	2.60	. 63	7.11
	34	457430	2618710	500	2.81	9842 1420	. 45	44.29	. 17	16.73	. 24	2.36	. 78	7,68
	35	457430	2618710	11 A A A A A A A A A A A A A A A A A A	18 J. 18 M.	1420	. 61	8.66 57.46	. 24	3.41	. 21	. 30	1.06	1.51
	36	457430	- A	2800	2,85	7980 5710	72	57.46	. 24	19, 15	. 20	1.60	1.21	9,66
	37	457450	2618750 2618650	2000 2400	2.86	5719 6726		45, 18	. 23	13, 15	. 19	1.09	1.31	7.49
	38	457450	2618670	2000	2.80	5600	. 37	24.89	. 16	10.76	. 22	1.48	. 71	4.78
	39	457450	2618690	600	2.80	1682	. 40	17.36	.21	11, 76 3, 19	. 22 . 21	1,23	. 84	4,70
	40	457450	2618730		2.80	168∠ 5681	. 60	34.09	19,217,7	3. 19 10. 79	1 A A	.35	1 25	1,63
	41	457450	2618750	1600	1. N.	4545	. 60	27.27	. 19	7.73	. 19 . 20		1.25	7.10
	42	457470	2618650		2.80	2240	. 30	6. 72	. 17	3.36	. 20	. 91	et en la seconda de la seconda d	6.36 1.72
		457470	2618670		1 i i i i i i i i i i i i i i i i i i i	4480	. 32	14.34	. 16	7.17	. 21	2	91	4.08
		457470	2618690			3363	. 37	14. 34	. 14	4.71	. 21		1 A A A A A A A A A A A A A A A A A A A	4.08
		457490	2618670		2.80	2240	. 22	4. 93	. 10	2.24	. 20		. 98	2, 20
	- 19 Million (* 19	457490	2618690			4480	. 26	11.65	. 08		. 21			5.11
			2010050							the second second	• 5 fs 			5. II
		Berlin (05512	1.1 B	301027		2116.16		814, 21	n. Altor	89.76		497.74
				÷.1					÷.,		1.11	la seg	· · · ·	4
			e Reserve		•	÷		÷ .	1			· · .		
			: 50						net Ante	t i State	1. 11 . 			
		ing an												
			Y.(N)							Zn	A	u .	er da f	19
		1 M 1 M 1			 			content						
		Ne de c	n se de la composition de la compositio Composition de la composition de la comp	(m3)	(t/m3)	(ton)		(ton)	(%)		(9/t)	(kg)	(9/t)	(kg
		AE7050	0010750					0.99						
	. 1	1	2618750	1 A A A A A A A A A A A A A A A A A A A		2250	41				3.62	8, 14		2.8
		457350	2618770				. 27		. 08		4.35			5.7
	3		2618790	1.1		6772		31.83			2.40		1.25	8.4
	4,	457350	2618810			11286 5605	. 47 . 34		, 11		1.53 2.12		1, 25	14.1
	5	457370	2618670		2.80			19.06	. 26					7.0

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	ło	X (E)	Y (N)	Volum	₿\$,Q.	Tonnage								
7 45370 2618730 2618750 200 2.64 346950 255.35 1.65 2.59 1.25 1.4 9 457370 2618750 4000 2.62 11266 .50 55.43 1.8 20.31 1.66 2.55 5.5 3.7 1.25 1.4 0 457370 261870 4000 2.82 1.26 1.1 5.06 1.66 2.57 7.5 3.7 1.25 3.1 2 457390 2618650 1.00 2.26 1.26 1.4 0.15 1.21 1.8 5.06 1.25 1.4 4 457390 261870 4000 2.82 1.26 1.4 5.30 20 2.57 8.5 1.2 1.4 1.4 1.4 1.4 1.2 1.8 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2		area area Alta		(m3)	(t/m3)	(ton)								
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2 457350 2618790 800 2.84 2272 .60 13.63 .09 2.05 .64 1.45 1.50 3.457350 3 457350 2618810 800 2.89 2310 .93 21.49 .11 2.54 .68 1.57 1.50 3.457350 4 457350 2618830 2400 2.92 7000 1.16 81.20 .13 9.10 .72 5.04 1.50 8.4 5 457370 2618670 2000 2.80 5605 .38 21.30 .19 10.65 .51 2.86 1.50 8.4 7 457370 2618770 3200 2.83 2831 .55 15.57 .23 6.51 .56 1.50 4.4 9 457370 2618770 3200 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 1.4 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	olo kah t-o	gical Ore ff grade	: 5 : 0.	70 m 20 Cu Volume		Tonnage	grade (%)	Cu content (ton)	grade	'n content	grade	u content	grade	273.2
3 457350 2618810 800 2.89 2310 .93 21.49 .11 2.54 .66 1.67 1.50 3.4 4 457350 2618830 2400 2.92 7000 1.16 81.20 .13 9.10 .72 5.04 1.50 8.4 5 457370 2618670 2000 2.80 5605 .40 22.42 .19 10.65 .51 2.66 1.50 8.4 7 457370 2618750 1000 2.83 2831 .55 15.57 .23 6.51 .56 1.50 1.50 4.7 457370 2618790 4000 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 1.47 1 457370 2618790 4000 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 1.6 1.50 1.7 1.457370 261870 4000 2.80 11210 .38 42.60 .19 21.30 .52 5.63	olo kah t-o	gical Ore ff grade X (E)	: 5 : 0. Y (N)	70 m 20 Cu Volume (m3)	(t/m3)	Tonnage (ton)	grade (%)	Cu content (ton)	Z grade (%)	(n content (tòn)	grade (g/t)	u content (kg)	grade (g/t)	273. 2 9 conten (kg
4 457350 2618830 2400 2.92 7000 1.16 81.20 .13 9.10 .72 5.04 1.50 10. 5 457370 2618670 2000 2.80 5605 .38 21.30 .19 10.65 .51 2.86 1.50 8. 6 457370 2618750 1000 2.83 2831 .55 15.57 223 6.51 .56 1.59 1.50 4. 8 457370 2618770 3200 2.83 9059 .58 52.54 .18 16.31 .68 5.25 1.50 1.50 4. 9 457370 261870 3200 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 16. 9 457370 2618810 4000 2.95 11818 1.41 166.63 18 21.27 .74 8.75 1.50 14. 1 457370 2618670 4000 2.80 1210 .38 42.60 .19 21.30 .5	olo kah t-o	gical Ore ff grade X (E) 457350	: 5 : 0. Y (N) 2618770	70 m 20 Cu Volume (m3) 1000	(t/m3) 2.82	Tonnage (ton) 2822	grade (%) . 46	Cu content (ton) 12. 98	2 9rade (%) . 12	(n content (ton) 3, 39	9rade (9/t) . 60	u content (kg) 1.69	9rade (9/t) 1. 50	273. 2 9 conten (kg 4, 2
$ 5 457370 2618670 2000 2.80 5605 .38 21.30 .19 10.65 .51 2.86 1.50 8.4 \\ 457370 2618690 2000 2.80 5605 .40 22.42 .19 10.65 .52 2.91 1.60 8.4 \\ 457370 2618750 1000 2.83 2831 .55 15.57 .23 6.51 .56 1.59 1.50 4.4 \\ 8 457370 2618770 3200 2.83 9059 .58 52.54 .18 16.31 .58 5.25 1.50 13.4 \\ 9 457370 2618790 4000 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 16.4 \\ 0 457370 2618810 4000 2.95 11818 1.41 166.63 .18 21.27 .74 8.75 1.50 17. \\ 1 457370 2618830 3500 3.02 10574 1.88 198.78 .23 24.32 .80 8.46 1.50 15.4 \\ 2 457390 2618670 4000 2.80 11210 .38 42.60 .19 21.30 .52 5.83 1.50 16.4 \\ 3 457390 2618670 4000 2.80 5605 .39 21.86 .19 10.65 .53 2.97 1.50 8.4 \\ 4 457390 2618670 4000 2.81 2812 .43 12.09 .21 5.91 .64 1.52 1.50 4.4 \\ 4 57390 2618730 1000 2.81 2812 .43 12.09 .21 5.91 .64 1.52 1.50 4.4 \\ 4 57390 261870 4000 2.82 11286 .51 57.56 .23 25.96 .55 6.21 1.50 16.4 \\ 4 57390 261870 4000 2.85 11400 .72 82.08 .31 36.34 .55 6.27 1.50 17.4 \\ 8 457390 261870 4000 2.85 11400 .72 82.08 .31 36.34 .55 6.27 1.50 17.4 \\ 8 457390 261870 4000 2.85 11400 .72 82.08 .31 36.34 .55 6.27 1.50 17.4 \\ 8 457390 2618810 3000 3.11 9320 2.49 232.06 .31 28.89 .87 8.11 1.50 13.4 \\ 9 457390 2618810 3000 3.11 9320 2.49 232.06 .31 28.89 .87 8.11 1.50 13.4 \\ 9 457390 2618810 3000 3.11 9320 2.49 232.06 .31 28.89 .87 8.11 1.50 13.4 \\ 14 57410 2618670 4000 2.81 1248 .42 47.24 .19 21.37 .56 6.30 1.50 16.4 \\ 14 457410 2618670 4000 2.81 1248 .42 47.24 .19 21.37 .56 6.30 1.50 16.4 \\ 4 457410 2618770 1952 2.80 5466 .30 16.40 .$	010 kah t-0 1	gical Ore ff grade X (E) 457350 457350	: 5 ; 0. Y (N) 2618770 2618790	70 m 20 Cu Volume (m3) 1000 800	(t/m3) 2. 82 2. 84	Tonnage (ton) 2822 2272	9rade (%) . 46 . 60	Cu content (ton) 12. 98 13. 63	2 grade (%) . 12 . 09	(n content (tòn) 3, 39 2, 05	9rada (9/t) . 60 . 64	u content (kg) 1. 69 1. 45	9rade (9/t) 1. 50 1. 50	273. 2 g conten (kg 4, 2 3. 4
6 457370 2618690 2000 2.80 5605 .40 22.42 .19 10.65 .52 2.91 1.60 8.4 7 457370 2618750 1000 2.83 2831 .55 15.57 .23 6.51 .56 1.59 1.60 4.4 8 457370 2618770 3200 2.83 9059 .58 52.54 .18 16.31 .58 5.25 1.50 13.4 9 457370 2618790 4000 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 16.4 0 457370 2618830 3500 3.02 10574 1.88 198.78 .23 24.32 .80 8.46 1.50 15.4 2 457390 2618670 4000 2.80 11210 .38 42.60 .19 10.65 .53 2.97 1.50 8.4 4 457390 261870 4000 2.81 2812 .43 12.09 .21 5.91 .54	olo kah t-o	gical Ore ff grade X (E) 457350 457350 457350	: 5 ; 0. Y (N) 2618770 2618790 2618810	70 m 20 Cu Volume (m3) 1000 800 800	(t/m3) 2.82 2.84 2.89	Tonnage (ton) 2822 2272 2310	9rade (%) . 46 . 60 . 93	Cu content (ton) 12, 98 13, 63 21, 49	2 grade (%) . 12 . 09 . 11	(n content (tòn) 3: 39 2. 05 2: 54	grade (g/t) . 60 . 64 . 68	u content (kg) 1.69 1.45 1.57	9rade (9/t) 1.50 1.50 1.50	273. 2 9 conten (kg 4, 2 3, 4 3, 4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	olo kah t-o 1 2 3 4	gical Ore ff grade X (E) 457350 457350 457350 457350	: 5 ; 0. Y (N) 2618770 2618790 2618810 2618830	70 m 20 Cu Volume (m3) 1000 800 800 2400	(t/m3) 2.82 2.84 2.89 2.92	Tonnage (ton) 2822 2272 2310 7000	grade (%) . 46 . 60 . 93 3. 16	Cu content (ton) 12, 98 13, 63 21, 49 81, 20	2 grade (%) . 12 . 09 . 11 . 13	(n content (ton) 3:39 2.05 2:54 9:10	grade (g/t) . 60 . 64 . 68 . 72	u content (kg) 1.69 1.45 1.57 5.04	9rade (9/t) 1.50 1.50 1.50 1.50	273. 2 g conten (kg 4. 2 3. 4 3. 4 10. 5
8 457370 2618770 3200 2.83 9059 .58 52.54 .18 16.31 .58 5.25 1.50 13.4 9 457370 2618790 4000 2.82 11286 .45 50.79 .06 6.77 .62 7.00 1.50 16.4 10 457370 2618810 4000 2.95 11818 1.41 166.63 .18 21.27 .74 8.75 1.50 17. 14 457370 2618830 3500 3.02 10574 1.88 198.78 .23 24.32 .80 8.46 1.50 15.4 12 457390 2618690 2000 2.80 5605 .39 21.86 .19 10.65 .53 2.97 1.50 8.4 4 57390 2618730 1000 2.81 2812 .43 12.09 .21 5.91 .64 1.52 1.50 4.5 15 457390 2618750 4000 2.85 11400 .72 82.08 .31 35.34 .55 <td>olo kah t-o lo 1 2 3 4 5</td> <td>gical Ore ff grade X (E) 457350 457350 457350 457360 457360</td> <td>: 5 ; 0. Y (N) 2618770 2618790 2618810 2618830 2618670</td> <td>70 m 20 Cu Volume (m3) 1000 800 800 2400 2000</td> <td>(t/m3) 2.82 2.84 2.89 2.92 2.80</td> <td>Tonnage (ton) 2822 2272 2310 7000 5605</td> <td>grade (%) . 46 . 60 . 93 1. 16 . 38 . 40</td> <td>Cu content (ton) 12: 98 13: 63 21: 49 81: 20 21: 30 22: 42</td> <td>2 grade (%) . 12 . 09 . 11 . 13 . 19</td> <td>(n content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65</td> <td>grade (g/t) . 60 . 64 . 68 . 72 . 51</td> <td>u content (kg) 1.69 1.45 1.57 5.04 2.86</td> <td>9rade (9/t) 1.50 1.50 1.50 1.50 1.50</td> <td>273. 2 g conten (kg 3. 4 3. 4 10. 5 8. 4</td>	olo kah t-o lo 1 2 3 4 5	gical Ore ff grade X (E) 457350 457350 457350 457360 457360	: 5 ; 0. Y (N) 2618770 2618790 2618810 2618830 2618670	70 m 20 Cu Volume (m3) 1000 800 800 2400 2000	(t/m3) 2.82 2.84 2.89 2.92 2.80	Tonnage (ton) 2822 2272 2310 7000 5605	grade (%) . 46 . 60 . 93 1. 16 . 38 . 40	Cu content (ton) 12: 98 13: 63 21: 49 81: 20 21: 30 22: 42	2 grade (%) . 12 . 09 . 11 . 13 . 19	(n content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65	grade (g/t) . 60 . 64 . 68 . 72 . 51	u content (kg) 1.69 1.45 1.57 5.04 2.86	9rade (9/t) 1.50 1.50 1.50 1.50 1.50	273. 2 g conten (kg 3. 4 3. 4 10. 5 8. 4
0 457370 2618810 4000 2.95 11818 1.41 166.63 .16 21.27 .74 8.76 1.50 17. 1 457370 2618830 3500 3.02 10574 1.88 198.78 .23 24.32 .80 8.46 1.50 15.4 2 457390 2618670 4000 2.80 11210 .38 42.60 .19 21.30 .52 5.63 1.50 16.4 3 457390 2618670 4000 2.80 5605 .39 21.86 .19 10.65 .53 2.97 1.50 8.44 4 57390 2618750 4000 2.82 11286 .51 57.56 .23 25.96 .655 6.21 1.50 16.4 457390 2618770 4000 2.85 11400 .72 82.08 .31 35.34 .65 6.27 1.50 17. 17 457390 261870 4000 2.92 11666 1.19 138.83 .23 26.83 .69 8	olo kah lo 1 2 3 4 5 6	gical Ore ff grade X (E) 457350 457350 457350 457360 457370	: 5 ; 0. Y (N) 2618770 2618790 2618810 2618830 2618670 2618690	70 m 20 Cu Volume (m3) 1000 800 800 2400 2000 2000	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80	Tonnage (ton) 2822 2272 2310 7000 5605 5605	grade (%) . 46 . 60 . 93 1. 16 . 38 . 40 . 55	cu content (ton) 12. 98 13. 63 21. 49 81. 20 21. 30 22. 42 15. 57	2 grade (%) .12 .09 .11 .13 .19 .19	(n content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 10, 65	9rade (9/t) . 60 . 64 . 68 . 72 . 51 . 52	u content (kg) 1.69 1.45 1.57 5.04 2.86 2.91	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 g conten (kg 3. 4 3. 4 10. 5 8. 4 8. 4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	olo kah t-o 1 2 3 4 5 6 7	gical Ore ff grade X (E) 457350 457350 457350 457360 457370 457370 457370	: 5 ; 0. Y (N) 2618770 2618790 2618810 2618830 2618670 2618690 2618650 2618750	70 m 20 Cu Volume (m3) 1000 800 800 2400 2000 1000	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80 2.80 2.83	Tonnage (ton) 2822 2272 2310 7000 5605 5605 2831 9059	grade (%) . 46 . 50 . 93 1. 16 . 38 . 40 . 55 . 58	content (ton) 12. 98 13. 63 21. 49 81. 20 21. 30 22. 42 15. 57 52. 54	2 grade (%) . 12 . 09 . 11 . 13 . 19 . 19 . 19 . 23	(n content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 10, 65 5, 51	grade (g/t) . 60 . 64 . 68 . 72 . 51 . 52 . 56	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 86 2. 91 1. 59	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 9 conten (kg 4, 2 3, 4 10, 5 8, 4 8, 4 4, 2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 k t 0 1 2 3 4 5 6 7 8 9	gical Ore ff grade X (E) 457350 457350 457350 457350 457370 457370 457370 457370	: 5 ; 0. Y (N) 2618770 2618810 2618830 2618670 2618690 2618690 2618750 2618770 2618770	70 m 20 Cu Volume (m3) 1000 800 800 2400 2000 1000 3200 4000	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80 2.83 2.83 2.83 2.82	Tonnage (ton) 2822 2272 2310 7000 5605 5605 2831 9059 11286	9rade (%) . 46 . 60 . 93 1. 16 . 38 . 40 . 55 . 58 . 45	Cu (ton) 12: 98 13: 63 21: 49 81: 20 21: 30 22: 42 15: 57 52: 54 50: 79	2 grade (%) . 12 . 09 . 11 . 13 . 19 . 19 . 23 . 18 . 06	In content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 10, 65 10, 65 5, 51 16, 31 6, 77	grade (g/t) . 60 . 64 . 68 . 72 . 51 . 52 . 56 . 58 . 62	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 91 1. 59 5. 25 7. 00	grade (g/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 9 conten (kg 4. 2 3. 4 10. 5 8. 4 8. 4 13. 5 16. 9
3 457390 2618690 2000 2.80 5605 .39 21.86 .19 10.65 .53 2.97 1.50 8.4 4 457390 2618730 1000 2.81 2812 .43 12.09 .21 5.91 .54 1.52 1.50 4.4 5 457390 2618750 4000 2.82 11286 .51 57.56 .23 25.96 .55 6.21 1.50 16.4 5 457390 2618770 4000 2.85 11400 .72 82.08 .31 35.34 .55 6.27 1.50 17.7 7 457390 2618790 4000 2.92 11666 1.19 138.83 .23 26.83 .69 8.05 1.50 17.7 8 457390 2618810 3000 3.11 9320 2.49 232.06 .31 28.89 .87 8.11 1.50 13.9 9 457390 2618830 500 3.08 1539 2.30 35.40 .28 4.31 .85	olah 0 1 2 3 4 5 6 7 8 9 0	gical Ore ff grade X (E) 457350 457350 457350 457350 457370 457370 457370 457370 457370 457370	: 5 ; 0. Y (N) 2618770 2618810 2618830 2618830 2618670 2618690 2618750 2618770 2618790 2618810	70 m 20 Cu Volume (m3) 1000 800 800 2400 2000 2000 1000 3200 4000 4000	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80 2.80 2.83 2.83 2.83 2.82 2.95	Tonnage (ton) 2822 2272 2310 7000 5605 5605 2831 9059 11286 11818	9rade (%) . 46 . 60 . 93 1. 16 . 38 . 40 . 55 . 58 . 45 1. 41	Cu content (ton) 12. 98 13. 63 21. 49 81. 20 21. 30 22. 42 15. 57 52. 54 50. 79 166. 63	2 9rade (%) . 12 . 09 . 11 . 13 . 19 . 23 . 18 . 06 . 18	2n content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 10, 65 10, 65 10, 65 11, 6, 51 16, 31 6, 77 21, 27	grade (9/t) . 60 . 64 . 68 . 72 . 51 . 52 . 56 . 58 . 62 . 74	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 91 1. 59 5. 25 7. 00 8. 75	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 9 conten (kg 4. 2 3. 4 10. 5 8. 4 8. 4 13. 5 16. 9 17. 7
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21 457410 2618690 2000 2.80 5600 .34 19.04 .17 9.52 .53 2.97 1.50 8. 22 457410 2618730 1000 2.81 2812 .42 11.81 .17 4.78 .55 1.55 1.50 4.4 23 457410 2618750 4000 2.81 11248 .42 47.24 .19 21.37 .56 6.30 1.50 16.40 24 457410 2618770 1952 2.80 5466 .30 16.40 .17 9.29 .61 3.33 1.50 8. 24 457410 2618770 1952 2.80 5466 .30 16.40 .17 9.29 .61 3.33 1.50 8. 25 457410 2618790 1000 2.94 2936 1.27 37.28 25 7.34 .72 2.11 1.50 4.4	0 kk-10 123456789012345678	gical Ore ff grade X (E) 457350 457350 457350 457350 457370 457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390	: 51 : 0. Y (N) 2618770 2618790 2618810 261880 2618690 2618690 2618840 2618840 2618840 2618840 2618670 2618670 2618750 2618770 2618770 2618770 261870 261870 261870 261870 261870 261870 261870 261870 2618810 261870 261870 261870 2618810 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 2618800 2618800 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870 261870	70 m 20 Cu (m3) 1000 800 2400 2000 1000 3200 4000 3500 4000 2000 1000 4000 4000 4000 4000 40	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80 2.83 2.83 2.95 3.02 2.80 2.80 2.80 2.80 2.81 2.82 2.85 2.92 3.11	Tonnage (ton) 2822 2272 2310 7000 5605 5605 2831 9059 11286 11818 10574 11210 5605 2812 11286 11400 11666	<pre>srade (%) . 46 . 60 . 93 . 16 . 38 . 40 . 55 . 58 . 45 . 41 . 88 .39 . 43 .51 .72 .19</pre>	cu content (ton) 12. 98 13. 63 21. 49 81. 20 21. 30 22. 42 15. 57 52. 54 50. 79 166. 63 198. 78 42. 60 21. 86 12. 09 57. 56 82. 08 138. 83	2 9rade (%) .12 .09 .11 .13 .19 .23 .18 .06 .18 .23 .19 .19 .21 .23 .31 .23 .31	In content (ton) 3. 39 2. 05 2. 54 9, 10 10. 65 6. 51 16. 31 6. 51 16. 31 21. 27 24. 32 21. 30 10. 65 5. 91 25. 96 35. 34 26. 83 28. 89	grade (9/t) . 60 . 64 . 68 . 72 . 51 . 52 . 56 . 58 . 62 . 74 . 80 . 52 . 53 . 54 . 55 . 69 . 87	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 91 1. 59 5. 25 7. 00 8. 75 8. 46 5. 83 2. 97 1. 52 6. 21 6. 27 8. 05 8. 11	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 g conten (kg 4, 2 3, 4 10. 5 8, 4 4, 2 13. 5 16. 9 17. 7 15. 8 16. 8 8, 4 4, 2 13. 5 16. 9 17. 7 15. 8 16. 9 17. 7 15. 8 17. 7 15. 8 16. 9 17. 7 15. 8 16. 9 17. 7 17. 8 17. 8 17. 9 17. 8 17. 8 17. 9 17. 8 17. 8
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	0 kt - 10 - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3	gical Ore ff grade X (E) 457350 457350 457350 457350 457370 457370 457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 45	: 51 : 0. Y (N) 2618770 2618790 2618810 2618830 2618670 2618670 2618670 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 2618700 26187000 2618000 2618000000000000000000000000000000000	70 m 20 Cu Volume (m3) 1000 800 2400 2000 2000 1000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 400	(t/m3) 2.82 2.84 2.89 2.92 2.80 2.80 2.83 2.83 2.83 2.83 2.95 3.02 2.80 2.80 2.80 2.81 3.08 2.85 2.92 3.11 3.08 2.80 2.80 2.80 2.81 3.08	Tonnage (ton) 2822 2272 2310 7000 5605 5605 2831 9059 11286 11818 10574 11210 5605 2812 11286 11400 11666 9320 1539 11200 5600 2812 11248	<pre>srade (%) . 46 . 60 . 93 . 16 . 38 . 40 . 55 . 41 . 88 . 38 . 39 . 43 . 51 . 72 . 19 2. 30 . 33 . 34 . 42 . 42</pre>	Cu content (ton) 12. 98 13. 63 21. 49 81. 20 21. 30 22. 42 15. 57 52. 54 50. 79 166. 63 198. 78 42. 60 21. 86 12. 09 57. 56 82. 08 138. 83 232. 06 35. 40 36. 96 19. 04 11. 81 47. 24	2 9rade (%) .12 .09 .11 .13 .19 .19 .23 .18 .06 .18 .23 .19 .19 .21 .23 .31 .23 .31 .23 .31 .23 .17 .17 .17 .17	In content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 6, 51 16, 31 6, 77 21, 27 24, 32 21, 30 10, 65 5, 96 36, 34 26, 83 28, 89 4, 31 19, 04 9, 52 4; 78 21, 37	grade (9/t) 60 64 68 72 51 52 56 58 62 74 80 52 53 54 55 55 55 55 55 55 55 55 55 55 55 55	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 91 1. 59 5. 25 7. 00 8. 76 8. 46 5. 83 2. 97 1. 52 6. 21 6. 27 8. 05 8. 11 1. 31 5. 82 2. 97 1. 55 6. 30	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 9 conten (kg 3, 4 3, 4 10, 5 8, 4 4, 2 13, 5 16, 9 17, 7 15, 8 16, 9 17, 7 15, 8 16, 9 17, 11 17, 5 13, 9 17, 11 17, 5 13, 9 16, 8 8, 4 4, 2 16, 8
	okt - 0 - 123456789012345678901234	gical Ore ff grade X (E) 457350 457350 457350 457350 457370 457370 457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457310 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 457410 45	: 51 : 0. 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42 15. 57 52. 54 50. 79 166. 63 198. 78 42. 60 21. 86 12. 09 57. 56 82. 08 138. 83 232. 06 35. 40 36. 96 19. 04 11. 81 47. 24 16. 40	2 9rade (%) .12 .09 .11 .13 .19 .19 .23 .18 .06 .18 .23 .19 .19 .21 .23 .31 .23 .31 .23 .31 .23 .31 .28 .17 .17 .17 .17	In content (ton) 3, 39 2, 05 2, 54 9, 10 10, 65 6, 51 16, 31 6, 77 21, 27 24, 32 21, 30 10, 65 5, 91 25, 96 35, 34 26, 83 26, 89 4, 31 19, 04 9, 52 4, 78 21, 37 9, 29	grade (9/t) 60 64 68 72 51 52 56 58 62 74 80 52 53 54 55 55 55 55 55 55 55 55 55 55 55 55	u content (kg) 1. 69 1. 45 1. 57 5. 04 2. 91 1. 59 5. 25 7. 00 8. 76 8. 46 5. 83 2. 97 1. 52 6. 21 6. 27 8. 05 8. 11 1. 31 5. 82 2. 97 1. 55 6. 30 3. 33	9rade (9/t) 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	273. 2 9 conten (kg 4, 2 3, 4 10, 5 8, 4 10, 5 8, 4 4, 2 13, 5 16, 9 17, 7 15, 8 16, 8 4, 2 16, 8 16, 9 17, 1 17, 5 13, 9 2, 3 16, 8 8, 4 4, 2 16, 8 16, 9 17, 7 15, 8 8, 4 4, 2 16, 8 16, 9 17, 1 17, 5 13, 9 2, 3 16, 8 8, 4 4, 2 16, 8 8, 2 16, 8 8, 2 16, 8 16, 8 16, 8 17, 16 16, 8 16, 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	No	X (E)	Y (N)	Volum		Tonnage	••	 Cu	 Zı			 U		
						, children i		content						ly conter
			ar fa b., p., p.,	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)		' (g/t)		(g/t)	
	26	457430	2618670	4000	2,80	11200	. 27	30.24	. 16	17. 92	. 54	6.05	1, 50	16.8
	27	457430	2618690	1	2.80	7000	, 28	. 19.60		10.50	. 55		1.50	` .
	28 29	457430 457430	2618750 2618770	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2.82 2.84	5643 2641	. 48	27.09	. 12	6. 77			1.50	- 8, 4
	30	457450	2618670		2.80	5600	.64	18. 18 12. 88	.16 .15 0		. 66		1, 50	
	31	457450	2618690		2.80	9800	. 26	25.48	. 12		56		1. 50	
·	32	457450	2618730			5662	. 55	31.14	. 07	3.96		3.34	· . ·	
	33	457450	2618750		2.85	2850	. 69	19.66	. 08	2.28	. 63	1.80	1, 50	4. 2
	34	457450	2618770		2.87	5738	.85	48.77	· · . 11: · ·	6.31			1.50	
	35 36 -	457470 457470	2618670 2618690	008	2.80	2240	. 22	4.93	. 10	2.24	. 57		1.50	
· ·	37	457470	2618710		2.80	11200 5605	. 24	26.88 19.06	.08 .06	8, 96 3, 36	. 58		1, 50	
	38	457470	2618730		2.83	5662	. 58	32.84	. 04	2.26	. 63		1. 50	
	39	457470	2618750	4000	2.88	11514	. 89	102.47	. 03	3.45	. 66	7.60	1.50	17.2
	40	457470	2618770	· · · · ·	2.89	5776	. 95	54.87	. 07	4.04	. 71		1.50	
	41 42	457490	2618710 2618750	4000 1876	2.80	11200 5364	. 20	22.40 40.23	.03	3, 36	. 62		1.50	
	43	457490	2618770	1500	2.86 2.89	4332	. 75 . 96		.04	2.15	. 69 . 73		1.50	
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	: -			103328		294507	· · ·	2026. 84		448. 53	÷.	181.84		441.7
	Geolo	ogical Ore	Reserve					- 				· · ·		2.11
	Rakat			60 m		· · · ·								
	Cut-c	off grade	: 0	20 Cu			· · · ·							. P
					······									
	No	X (E)	Y (N)	Volume	S. G.	Tonnage		u content	Zn arade c	e de la serie d	A	10 A		g conter
		and the	· · ·	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)			(kg)		(kg
				· · · ·										
	1	457350	2618830	1.1.24	2.82	2822	. 49	13. 83	. 17		1. 20		. 58	1.1
. •	2	457370	2618670	600	2.84	1704	. 62	10.57	. 18	3.07	. 50	. 85	. 97	1.6
. ·	2 3	457370 457370	2618670 2618690	600 2000	2.84 2.85	1704 5700	. 62 . 68	10. 67 38. 76	. 18 . 15	3.07 8.55	. 50 . 48	. 85 2. 74	. 97 . 93	1.6 5.3
	2	457370	2618670	600 2000	2.84	1704	. 62	10. 67 38. 76 53. 45	. 18 . 15 . 13	3.07	. 50 . 48 . 45	. 85	. 97	1.6 5.3 7.6
 	2 3 4	457370 457370 457370	2618670 2618690 2618710	600 2000 3200 3000	2.84 2.85 2.83	1704 5700 9059	.62 .68 .59	10. 67 38. 76 53. 45	. 18 . 15 . 13 . 16 . 21	3.07 8.55 11.78 13.63 24.02	. 50 . 48 . 45 . 74 1. 43	.85 2.74 4.08	.97 .93 .84	1.6 5.3 7.6 5.2
	2 3 4 5 6 7	457370 457370 457370 457370 457370 457370	2618670 2618690 2618710 2618810 2618830 2618830	600 2000 3200 3000 4000 1692	2.84 2.85 2.83 2.84 2.86 2.83	1704 5700 9059 8522 11438 4790	.62 .68 .59 .61 .78 .57	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30	. 18 . 15 . 13 . 16 . 21 . 20	3.07 8.55 11.78 13.63 24.02 9.58	. 50 . 48 . 45 . 74 1. 43 . 52	.85 2,74 4.08 6.31 16.36 2.49	.97 .93 .84 .61 .65 1.00	1.6 5.3 7.6 5.2 7.4 4.7
	2 3 4 5 6 7 8	457370 457370 457370 457370 457370 457390 457390	2618670 2618690 2618710 2618810 2618830 2618670 2618690	600 2000 3200 3000 4000 1692 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.83	1704 5700 9059 8522 11438 4790 11476	.62 .68 .59 .61 .78 .57 .86	10. 57 38. 76 53. 45 51. 98 89. 22 27. 30 98. 69	. 18 . 15 . 13 . 16 . 21 . 20 . 12	3.07 8.55 11.78 13.63 24.02 9.58 13.77	. 50 . 48 . 45 . 74 1. 43 . 52 . 52	.85 2,74 4.08 6.31 16.36 2.49 5.97	.97 .93 .84 .61 .65 1.00 .98	1.6 5.3 7.6 5.2 7.4 4.7 11.2
	2 3 4 5 6 7 8 9	457370 457370 457370 457370 457370 457370 457390 457390 457390	2618670 2618690 2618710 2618810 2618830 2618670 2618690 2618710	600 2000 3200 3000 4000 1692 4000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87	1704 5700 9059 8522 11438 4790 11476 11476	.62 .68 .59 .61 .78 .57 .86 .84	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09	3.07 8.55 11.78 13.63 24.02 9.58 13.77 10.33	. 50 . 48 . 45 . 74 1. 43 . 52 . 52 . 56	.85 2,74 4.08 6.31 16.36 2.49 5.97 6.43	.97 .93 .84 .61 .65 1.00 .98 .93	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6
	2 3 4 5 6 7 8	457370 457370 457370 457370 457370 457390 457390	2618670 2618690 2618710 2618810 2618830 2618670 2618690	600 2000 3200 3000 4000 1692 4000 4000 1000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87	1704 5700 9059 8522 11438 4790 11476 11476	.62 .68 .59 .61 .78 .57 .86	10. 57 38. 76 53. 45 51. 98 89. 22 27. 30 98. 69	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15	3.07 8.55 11.78 13.63 24.02 9.58 13.77 10.33	. 50 . 48 . 45 . 74 1. 43 . 52 . 52 . 56 . 53	.85 2,74 4,08 6,31 16,36 2,49 5,97 5,97 6,43 1,50	.97 .93 .84 .61 .65 1.00 .98	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0
	2 3 4 5 6 7 8 9 10	457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390	2618670 2618710 2618810 2618830 2618870 2618670 261870 2618710 2618770 2618770 2618790	600 2000 3200 3000 4000 1692 4000 4000 1000 2800 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400	.62 .63 .59 .61 .78 .57 .86 .84 .58	10. 57 38. 76 53. 45 51. 98 89. 22 27. 30 98. 69 96. 40 16: 42 23. 52 78. 66	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24	.50 .48 .45 .74 1.43 .52 .52 .52 .56 .53 .30 .47	.85 2,74 4.08 6.31 16.36 2,49 5,97 6.43 1.50 2,35 5,36	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67	1. 6 5. 3 7. 6 5. 2 7. 4 4. 7 11. 2 10. 6 2. 0 4. 4 7. 6
	2 3 4 5 6 7 8 9 10 11 12 13	457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390	2618670 2618690 2618710 2618810 2618830 2618670 2618690 2618710 2618750 2618770 2618790 2618810	600 2000 3200 3000 4000 1692 4000 4000 1000 2800 4000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704	. 62 . 68 . 59 . 61 . 78 . 57 . 86 . 84 . 58 . 30 . 69 1. 26	10. 57 38. 76 53. 45 51. 98 89. 22 27. 30 98. 69 96. 40 16: 42 23. 52 78. 66 147. 47	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48	. 85 2, 74 4. 08 6. 31 16. 36 2. 49 5. 97 6. 43 1. 50 2. 35 5. 36 5. 62	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4
	2 3 4 5 6 7 8 9 10 11 12 13 14	457370 457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390	2618670 2618690 2618710 2618810 2618830 2618670 2618690 2618710 2618750 2618770 2618790 2618810 2618830	600 2000 3200 4000 1692 4000 1000 2800 4000 4000 4000 1744	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987	. 62 . 63 . 59 . 61 . 78 . 57 . 86 . 84 . 58 . 30 . 69 1. 26 . 75	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24	3.07 8.55 11.78 13.63 24.02 9.58 13.77 10.33 4.25 5.49 18.24 22.24 11.97	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8
	2 3 4 5 6 7 8 9 10 11 12 13 14 15	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618690 2618710 2618750 2618770 2618770 2618810 2618830 2618670	600 2000 3200 3000 4000 1692 4000 1000 2800 4000 4000 1744 1200	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443	. 62 . 63 . 59 . 61 . 78 . 57 . 86 . 84 . 58 . 30 . 69 1. 26 . 75 . 85	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01	1.6 5.3 7.6 5.2 7.4 7.4 7.4 7.6 2.0 4.4 7.6 8.4 3.8
	2 3 4 5 6 7 8 9 10 11 12 13 14	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618690 2618710 2618750 2618770 2618790 2618810 2618830	600 2000 3200 3000 4000 1692 4000 4000 1000 2800 4000 1744 1200 3480	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216	. 62 . 63 . 59 . 61 . 78 . 57 . 86 . 84 . 58 . 30 . 69 1. 26 . 75	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77	1.6 5.3 7.6 5.2 7.4 7.4 7.4 7.0 4.4 7.6 8.4 3.6 3.4 10.3
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618700 2618750 2618770 2618770 2618790 2618810 2618830 2618670 2618690	600 2000 3200 3000 1692 4000 4000 1000 2800 4000 1744 1200 3480 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216	. 62 63 59 61 78 57 86 . 84 58 30 . 69 1. 26 . 75 . 85 1. 33	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01	1.6 5.3 7.6 5.2 7.4 4.7 10.6 2.0 4.4 7.6 8.4 3.8 3.4 10.3 11.7
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410	2618670 2618710 2618710 2618810 2618830 2618670 2618700 2618770 2618770 2618700 2618800 2618800 2618670 2618670 2618770	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 1744 1200 3480 4000 2000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87 2.85 2.93	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216 11476 5700 11704	. 62 63 59 61 78 57 86 84 58 30 69 1. 26 75 85 1. 33 82 70 1. 20	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57 5, 36 10, 65	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .99	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 4 3.4 10.5 11.7 5.7
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618700 2618770 2618770 2618700 2618800 2618670 2618670 2618770 2618770 2618770	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 1744 1200 3480 4000 2000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87 2.93 2.85 2.93 2.88	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216 11476 5700 11704 11514	. 62 63 59 61 78 57 86 84 58 30 69 1. 26 75 85 1. 33 82 70 1. 20 90	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57 5, 36 10, 65 9, 67	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.01 1.02 1.01 .99 .95	1.6 5.3 7.6 5.2 7.4 4.7 10.6 2.0 4.4 7.6 8.4 3.8 10.3 11.7 5.7 11.5 7
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618700 2618770 2618770 2618700 2618800 2618670 2618670 2618670 2618770 2618770 2618770 2618700 2618810	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87 2.93 2.85 2.93 2.88 2.93 2.88 2.90	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216 11476 5700 11704 11514 11590	. 62 63 59 61 78 57 86 84 58 30 69 1. 26 75 85 1. 33 82 70 1. 20 90 1. 01	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84 1.18	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57 5, 36 10, 65 9, 67 13, 68	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .99 .95 .95	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.6 3.4 10.5 11.7 5.7 11.5 10.5 11.0
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410	2618670 2618690 2618710 2618810 2618830 2618670 2618700 2618770 2618770 2618700 2618800 2618670 2618670 2618770 2618770 2618770	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 1000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87 2.93 2.85 2.93 2.88	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216 11476 5700 11704 11514 11590 2879	. 62 63 59 61 78 57 86 84 58 30 69 1. 26 75 85 1. 33 82 70 1. 20 90	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57 5, 36 10, 65 9, 67 13, 68 5, 04	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.01 1.02 1.01 .99 .95	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 4 3.8 10.3 11.7 5.7 11.5 7 11.5 7 11.5 2.6
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410	2618670 2618710 2618710 2618810 2618830 2618670 2618700 2618770 2618770 2618700 2618830 2618670 2618670 2618670 2618770 2618770 2618700 2618810	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 1000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.87 2.94 2.87 2.93 2.85 2.93 2.88 2.90 2.88	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 4987 3443 10216 11476 5700 11704 11514 11590 2879	. 62 63 59 61 78 57 86 84 58 30 69 1. 26 75 85 1. 33 82 : 70 1. 20 90 1. 01	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84 1.18 1.75 .56	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 5,41 7,57 5,36 10,65 9,67 13,68 5,04 3,21	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .99 .95 .91	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 4 3.4 10.3 11.7 5.7 11.5 7 11.5 10.9 2.6 5.8
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410 457410 457430 457430	2618670 2618710 2618710 2618810 2618830 2618670 2618670 2618700 2618700 2618700 2618830 2618670 2618670 2618700 2618700 2618700 2618810 2618830 2618670 2618670	600 2000 3200 3000 4000 1692 4000 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 1000 2000 4000 3480	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.94 2.85 2.93 2.86 2.93 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.85 2.85 2.85 2.85 2.85 2.85 2.85	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11476 11476 3443 10216 11476 5700 11704 11514 11590 2879 5738 11438 9753	. 62 63 59 61 78 57 86 . 84 . 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 1. 20 . 90 1. 01 . 92 . 79 . 78 . 37	10, 67 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22 . 06 . 06 . 07	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 555 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .54 .54 .54 .54 .54 .54 .54 .54 .54	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 10,65 9,67 13,68 5,04 3,21 7,21 7,90	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.01 1.02 1.01 .95 .95 .91 1.02 1.05	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 10.3 11.7 5.15 10.5 11.0 2.6 5.6 12.0 10.7
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 4574390 457410 457410 457410 457410 457410 457410 457430 457430	2618670 2618670 2618710 2618810 2618830 2618670 2618670 2618700 2618700 2618700 2618700 2618670 2618670 2618700 2618770 2618770 2618700 2618700 2618830 2618830 2618830 2618870 2618830	600 2000 3200 3000 4000 1692 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 1000 2000 4000 3480 1000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.93 2.86 2.93 2.88 2.93 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.83 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.85 2.85 2.85 2.85 2.85 2.85 2.85	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 11704 11704 11614 11514 11590 2879 5738 11438 9753 2831	. 62 63 59 61 78 57 86 . 84 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 1. 20 . 90 1. 01 . 92 . 79 . 78 . 37 . 55	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08 15, 57	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22 . 06 . 06 . 07 . 07	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83 1. 98	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84 1.18 1.75 .56 .63 .81 1.04	. 85 2, 74 4, 08 6, 31 16, 36 2, 49 5, 97 6, 43 1, 50 2, 35 5, 36 5, 62 10, 12 1, 86 5, 41 7, 57 5, 36 5, 41 7, 57 13, 68 5, 04 3, 21 7, 21 7, 90 2, 94	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .99 .95 .91 1.02 1.05 1.10	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 3.4 10.5 11.7 5.7 11.5 10.5 11.0 2.6 5.6 12.0 10.7 3.5
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 4574390 457410 457410 457410 457410 457410 457410 457410 457430 457430 457430	2618670 2618670 2618710 2618810 2618830 2618670 2618670 261870 261870 261870 261870 261870 2618670 2618670 261870 261870 261870 2618810 2618830 2618670 2618830 2618670 2618710	600 2000 3200 3000 4000 1692 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 4000 1000 2000 4000 3480 1000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.93 2.86 2.93 2.86 2.93 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.85 2.93 2.93 2.93 2.94 2.93 2.93 2.93 2.93 2.93 2.93 2.93 2.93	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 1400 11704 11514 11514 11514 11590 2879 5738 11438 9753 2831 2841	. 62 63 59 61 78 57 86 . 84 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 1. 20 . 90 1. 01 . 92 . 79 . 78 . 37 . 55 . 62	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08 15, 57 17, 61	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22 . 06 . 06 . 07 . 07 . 07 . 09	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83 1. 98 2. 56	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .94 .84 1.18 1.75 .56 .63 .81 1.04].38	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 5,41 7,57 5,36 10,65 9,67 13,68 5,04 3,21 7,21 7,90 2,94 3,92	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .95 .95 .91 1.02 1.05 1.10 1.17 1.29	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.8 3.4 10.3 11.7 5.7 5.1 5.6 5.6 12.0 10.7 3.6 3.6
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410 457410 457410 457430 457430 457430 457430	2618670 2618670 2618710 2618810 2618830 2618670 2618670 261870 261870 261870 261870 261870 2618670 2618670 261870 261870 2618870 2618870 2618870 2618870 2618870 2618870 2618870 2618770	600 2000 3200 3000 4000 1692 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 4000 4000 4	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.93 2.86 2.93 2.86 2.93 2.88 2.93 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.85 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.93 2.94 2.93 2.94 2.93 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.94 2.93 2.94 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11476 11476 2831 7840 11704 11704 11704 11514 11590 2879 5738 11438 9753 2831 2841 3712	. 62 63 59 61 78 57 86 . 84 . 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 1. 20 90 1. 01 . 92 . 79 . 78 . 37 . 55 . 62 . 42	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08 15, 57 17, 61 15, 59	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22 . 06 . 06 . 07 . 07 . 09 . 07 . 09 . 10 . 12 . 09 . 12 . 09 . 15 . 07 . 16 . 12 . 09 . 15 . 07 . 16 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 10 . 12 . 09 . 15 . 07 . 16 . 10 . 12 . 09 . 15 . 07 . 16 . 10 . 09 . 15 . 07 . 16 . 10 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 18 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 07 . 16 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 07 . 16 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 07 . 16 . 07 . 16 . 08 . 15 . 34 . 16 . 20 . 22 . 07 . 17 . 07 . 16 . 08 . 07 . 07 . 16 . 07 . 07 . 07 . 07 . 07 . 07 . 07 . 07	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83 1. 98 2. 56 6. 37	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84 1.18 1.75 .56 .63 .81 1.04 1.38 1.60	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 5,41 7,57 5,36 10,65 9,67 13,68 5,04 3,21 7,21 7,90 2,94 3,92 5,94	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 1.02 1.01 1.02 1.05 .95 .91 1.02 1.05 1.10 1.17 1.29 1.40	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.4 3.4 10.5 11.7 5.5 5.2 11.7 5.5 5.2 12.0 10.5 12.0 5.2 5.2 5.2
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 4574390 457410 457410 457410 457410 457410 457410 457410 457430 457430 457430	2618670 2618670 2618710 2618810 2618830 2618670 2618670 261870 261870 261870 261870 261870 2618670 2618670 261870 261870 261870 2618810 2618830 2618670 2618830 2618670 2618710	600 2000 3200 3000 4000 1692 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 1000 2000 4000 3480 1000 3480 1000 3480 1000 2000 4000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.93 2.86 2.93 2.86 2.93 2.88 2.93 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.88 2.90 2.85 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.93 2.94 2.93 2.94 2.93 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.94 2.93 2.94 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.93 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11400 11704 1400 11704 11514 11514 11514 11590 2879 5738 11438 9753 2831 2841	. 62 63 59 61 78 57 86 . 84 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 1. 20 . 90 1. 01 . 92 . 79 . 78 . 37 . 55 . 62	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08 15, 57 17, 61	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 18 . 20 . 22 . 06 . 06 . 07 . 07 . 07 . 09	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83 1. 98 2. 56 . 37 18, 36	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .94 .84 1.18 1.75 .56 .63 .81 1.04].38	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 5,41 7,57 5,36 10,65 9,67 13,68 5,04 3,21 7,21 7,90 2,94 3,92 5,94 15,26	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.01 1.02 1.01 .95 .95 .91 1.02 1.05 1.10 1.17 1.29	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 3.4 10.3 11.7 5.9 11.0 5.6 12.0 10.5 11.0 5.6 12.0 10.7 3.6 2 14.2
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	457370 457370 457370 457370 457370 457390 457390 457390 457390 457390 457390 457390 457390 457390 457410 457410 457410 457410 457410 457410 457410 457430 457430 457430 457430	2618670 2618670 2618710 2618810 2618830 2618670 2618670 261870 261870 261870 261870 261870 261880 2618670 261870 2618870 2618870 2618870 2618870 2618870 2618870 2618770 2618770 2618770	600 2000 3200 3000 4000 1692 4000 2800 4000 2800 4000 1744 1200 3480 4000 2000 4000 4000 4000 1000 2000 4000 3480 1000 3480 1000 3480 1000 2000	2.84 2.85 2.83 2.84 2.86 2.83 2.87 2.87 2.87 2.83 2.80 2.85 2.93 2.86 2.93 2.86 2.93 2.94 2.94 2.93 2.88 2.90 2.88 2.90 2.88 2.87 2.86 2.83 2.80 2.83 2.84 2.81 2.81 2.81 2.83 2.84 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.94 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.93 2.85 2.90 2.85 2.85 2.80 2.85 2.80 2.85 2.80 2.85 2.80 2.85 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.80	1704 5700 9059 8522 11438 4790 11476 11476 2831 7840 11476 2831 7840 11400 11704 1400 11704 11514 11590 2879 5738 11438 9753 2831 2841 3712 11476	. 62 63 59 61 78 57 86 . 84 . 58 . 30 . 69 1. 26 . 75 . 85 1. 33 . 82 . 70 . 90 1. 01 . 92 . 79 . 78 . 37 . 55 . 62 . 42 . 84	10, 57 38, 76 53, 45 51, 98 89, 22 27, 30 98, 69 96, 40 16, 42 23, 52 78, 66 147, 47 37, 40 29, 26 135, 87 94, 10 39, 90 140, 45 103, 63 117, 06 26, 48 45, 33 89, 22 36, 08 15, 57 17, 61 15, 59 96, 40	. 18 . 15 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 34 . 16 . 20 . 22 . 06 . 06 . 07 . 07 . 09 . 07 . 16 . 13 . 16 . 21 . 20 . 12 . 09 . 15 . 07 . 16 . 12 . 09 . 15 . 07 . 16 . 13 . 09 . 15 . 07 . 16 . 10 . 12 . 09 . 15 . 07 . 16 . 10 . 12 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 09 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 08 . 15 . 07 . 16 . 19 . 24 . 11 . 05 . 07 . 16 . 19 . 20 . 15 . 34 . 16 . 20 . 07 . 16 . 19 . 20 . 07 . 16 . 19 . 20 . 07 . 16 . 19 . 20 . 07 . 16 . 34 . 18 . 06 . 07 . 07 . 07 . 07 . 07 . 07 . 07 . 07	3. 07 8. 55 11. 78 13. 63 24. 02 9. 58 13. 77 10. 33 4. 25 5. 49 18. 24 22. 24 11. 97 3. 79 5. 11 9. 18 8. 55 39. 79 20. 73 23. 18 6. 33 3. 44 6. 86 6. 83 1. 98 2. 56 . 37 18, 36	.50 .48 .45 .74 1.43 .52 .52 .56 .53 .30 .47 .48 2.03 .54 .53 .66 .94 .91 .84 1.18 1.75 .56 .63 .81 1.04 1.38 1.60 1.33 1.49	.85 2,74 4,08 6,31 16,36 2,49 5,97 6,43 1,50 2,35 5,36 5,62 10,12 1,86 5,41 7,57 5,36 10,65 9,67 13,68 5,04 3,21 7,21 7,90 2,94 3,92 5,94 15,26 8,61	.97 .93 .84 .61 .65 1.00 .98 .93 .74 .57 .67 .72 .77 1.01 1.02 1.01 1.02 1.01 1.02 1.05 .95 .91 1.02 1.05 1.10 1.29 1.40 1.24	1.6 5.3 7.6 5.2 7.4 4.7 11.2 10.6 2.0 4.4 7.6 8.4 7.6 8.4 3.4 10.3 11.7 5.7 5.15 5.2 12.0 10.7 3.3 2.6 5.2 14.2 5.2 14.2 5.2 14.2 5.2
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ø	X (E)	Y (N)	Volume	S. G.	Tonnage	(Cu	;	Zn .	A	ца, не	1	\ <u>9</u>
							content						
			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)		(kø)	(g/t)	(kg)
6	457450	2618770	4000	2.84	11362	. 60	68. 17	. 06	6.82		17.95	1, 41	16.02
1	457450	2618790	1644	2.86	4701	. 77	36.20	. 14	6. 58	1.61	7. 57	1. 38	8, 49
8	457470	2618670		2.85	1425	. 65	9, 26	. 05	- 71	75	1.07	1.11	1, 68
9	457470	2618690	4000	2.88	11514	. 90	103, 63	.06	6.91	91	10.48	1. 17	13.47
0	457470	2618710	1000	2, 90	2897	1,01	29.26	. 06	1.74	1.09	3, 16	1.23	3, 56
1	457470	2618730	2000	2.87	5738	. 85		. 05	2.87	1.28	7.34	1.31	7. 52
2	457470	2618750	4000		11324	. 56	63. 41	. 03	3.40	1. 52	17.21	. 1. 39	15.74
3 :	457470	2618770		2.84	11362	. 64		. 08	9.09	1.62	18.41	1, 43	16.25
4 :	457470	2618790		2.88	2303	. 89		. 11		1.70	3.91	. 1. 42	3.27
5	457490	2618690	4000	2.87	11476	. 80			6.89		18 - 18 A. A. A.	1.22	14.00
6 ·	457490	2618710			8892		132.49	. 07		· · · ·	11 A Start 1	1.28	11.38
7	457490	2618750		2.84	5681	62			4.54	1.1			8.0
8 .	457490	2618770	3000	2.83	8493	. 57		. 12		1,65		· · ·	12.23
9	457490	2618810		2.94	8219		110.96		9.04				1997 - 1987 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
	457490	2618830	796	3.01	2397		1 A.					1.36	3. 26
0					5624			•		1.11	and the second	1. 28	7.20
1	457510	2618690		2.81					-	1.86	11 A.	1.43	4.96
2	457510	2618810	1200	2.89	3466	98			1.48			1.41	2.09
3	457510	2618830	500	2.96	1482	1.54	22.82		1.40				
			133176		381503		3059.89		435.62		393.01	••	412.59
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1-0 1-0	ff grade		. 20 00										
0	X (E)	Y (N)	Volum	e S.G.	Tonnage		Cu	· · · ·	Zn	A	u ^{sta} ta		Ag
ē 1.							content						
:	1.11	$\sigma^{1},\ldots,\sigma^{n-1}$	(m3)	(t/m3)		(%)			(ton)			(g/t	
	-												,
1	457370	2618710	2000	2.83	5662	. 57	32, 27	. 06	3. 40	. 34	1, 93	. 83	4. 7(
2	457370	2618730	5.12	2.80	5605	. 35	· · ·			41			5.4
3	457370	2618810	1000	1. A.	2800	. 24				1.61			3. 1
4 [·]	457370	2618830		2.83	5662	. 55				1.84			6. 5
5	457390	2618690	1000	2.87	2869	280				. 28			1.89
6 [.]	457390	2618710		2.84	1 A. 1997	63				31			8.8
7	457390	2618730			5624	40	1			. 33		1 A A A A A A A A A A A A A A A A A A A	
8	457390	2618810		2.80	11200	. 23	1		1 A A A A A A A A A A A A A A A A A A A	1. 58			12.6
9	457390	2618830	4000			. 80	1	. 18	· · · · ·	1.85			12. 9
0	457410	2618690				. 89				. 26			3.4
- 1		2618330			11362			· · · ·		. 27			8.29
1 2	457410 457410	2618710		2.84	5605	. 62 . 36		A 45	3. 95				5. 10
1.11	4. A.	2618730		2.80		. 42			12.37				12.3
3	457410 457410	2618830		2.85	11248 5700	. 42			8. 55				6. 3
4 5	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2618690		2.85		. 63			3.98				
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6 7	457430	2618710	1.1.1.1	1 1 1.		. 48			6. 73				7.4
7	457430	2618730		1 - A - A - A	8408	. 36							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
8	457430	2618790	1.1.1		· · ·	. 25				. 55	10 A.		(a) 11.8 (a) 6 0
9	457430	2618810		2.82		. 46			7.90				6.0
0	457450	2618690	· .	2.81		. 44			·	. 22	-		ise (1.0) Con
1	457450	1		2.80		. 37			7, 57				6.6
2	457450	2618730		2.80		. 28							10, 1
3	457450	2618750		2.80		. 24							2.8
4	457450	2618770		2.80	(1) (1) (1) (1)	. 26							2.9
5 : .	457450	2618790		2.80		. 34							
6	457470	2618790	· · · ·	2.81	5624	- 41	5 a					2 A A	5.8
7	457490	2618810	12			. 67					7, 38		
8	457490	2618830	1500	2.89	4332	ં. 96	and the second second		1. 73	95	4, 12	1.07	4. 6
9	457510	2618810	2500	2.82	7054	. 49	34, 56	. 03			5.01	1.05	26 C 9 7, 4 1
10	457510	2618830	500	2.86	1430		11.30						ં 1. 5
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Geological Ore Reserve Rakah : 540 |

какал		540 m
Cut-off_grade	·‡·	0.20 Cu

No	X (E)	Y (N)	Volume	S Å	Tonnage	······	 Cu						
	A (6)	1 407	AO T OUDE	. o. u.	ronnage		content		Zn		lu abatabt	Ag Agarada a	
7	r dis	· · · ·	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	grade (g/t)		grade c (g/t)	
1	457390	2618830	3000	2:84	8522	. 64	54. 54	. 13	11.08	82		1.21	10.3
2	457390	2618850		2.83	5662	. 56	31.71	. 12	6. 79	. 94	5. 32		
3	457410	2618710		2.80	7470	. 23	17.18	. 12	8.96	44	3. 29	1.21	9.0
4	457410	2618730		2.80	11200	. 25	28, 00	. 23	25. 76	. 48	5, 38	1.21	13.5
5	457410	2618790		2.80	5600	. 20	11, 20	1.17	9. 52	. 84	4.70	1,21%	6.7
6	457410	2618810		2,80	11200	. 27	30.24	111	12.32	1.18	13.22	- 1.21	13. 5
7	457410	2618830		2.80	2979	. 24	7.15	. 09	2.68	1.44	4. 29	1.21	3.6
8	457410	2619850		2.81	2812	. 41	11.53	. 11	3.09	1.21	3, 40	1.21	3.4
9	457430	2618710		2.80	11200	. 25	28,00	10	11.20	. 42	4.70	1.21	13, 5
10	457430	2618730	4000	2.81	11248	. 37	41.62	. 37	41.62	. 44	4, 95	1.21	13.6
11	457430	2618750	500	2, 82	1411	. 47	6.63	. 61	8.61	. 46	. 65	1.21	i 1, 7
12	457430	2618790	4000	2.81	11248	. 44	49.49	. 32	35, 99	. 76	8.55	1.21	13.6
13	457430	2618810	4000	2.81	11248	. 40	44.99	. 14	15.75	1,21	13.61	1.21	13.6
14 ··	457430	2618830	3000	2.80	8408	. 35	29, 43	, 10	8.41	1.40	11.77	1.21	10.1
15	457450	2618710	2000	2.80	5600	. 28	15, 68	. 21	11.76	. 42	2. 35	1.21	6.7
16	457450	2618730	4000	2.82	11286	. 47	53.04	. 48	54.17	. 43	4, 85	1.21	13.6
17	457450	2618750	1500	2.84	4261	. 64	27. 27	. 73	31.10	44	1.87		5.1
18	457450	2618790	4000	2.85	11400	. 68	77.52	. 19	21.66	73	8.32		13. 7
19	457450	2618810	4000	2.83	11324	. 58	65, 68	: 18	20, 38	1.05	11.89	1.21	13.7
20	457450	2618830	2000	2.83		. 53	30.01		6.23	1, 28	7. 25	1.21	6.8
21	457470	2618730	2000	2.82		. 48	27, 09	. 49	27.65	. 46	2.60	1.21	6.8
22	457470	2618750	544	2.87	1561	. 81	12.64	. 85	13.27	. 50	. 78	1.21	1.8
23	457470	2618770	500	2.86	1430	76	10.87	. 58	8.29	. 61	. 87	1.21	1.7
24	457470	2618790	2668	2.86	7629	. 72	54.93	. 32	24.41	81	6. 18	1.21	9.2
25	457470	2618810	4000	2.85	11400	. 69	78.66	. 16	18.24	1.01	11.51	1,21	
26	457470	2618830	2000	2.85	5700	. 68	38.76	. 11	6. 27	1.19	6. 78		13.7
27	457490	2618750	2000	2.84	5681	. 64	. 36. 36	, 59	33. 52	1.14	3. 12	1.21	6.9
28	457490	2618770		1 A.	5719	. 74						1.21	6.8
29	457490	2618790	332	2.86	949	. 75	42.32	1 1	30.88	. 69	3.95	1.21	6.9
30	457490	2618810	3668	2.86			7. 12	. 32	3.04	1. A.	. 78	1.21	1.1
31	457490		1 A. 1997		10489	. 74	77. 62	. 12	12.59	. 99	10.38	1.21	12.6
32	1.1.1	2618830	2000	2.86	5719	. 74	42.32	. 08	4.58	1.13	6.46	1.21	6.9
33 E	457510 457510	2618810	1332	2.86	3809	. 75	28.57	. 12	4.57		3.69	1.21	4.6
	401010	2618830	2000	2.86	5719	. 75	42.89	. 08	4.58	1.09	6.23	1.21	6.9
gire i	1.00		81776		231188	1	1161.04	1.12	538.97	1.1	190. 70	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	279. 7
, ,					1		· ·	11.4	1		1.1	1924	
eòlo	gical Ore	Reserve	·. ·	14			1	1.1		1. A.	1.5.5.9	197	
akah		: 5:	30 m	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· ·			·. ·		• •			2011
ut-o	ff grade	: 0.	20 Cu			- 4. j		<u>-</u>	1 - A.		a destas		- 1
											,	د در رو بر بید بد کار ۲۰ ۳۰ ۲۰	
No .	X (E)	Y (N)	Voluma	S, G.	Tonnage		Cu	2	2n	A	u	Ag	i i
			• • • •	1.51	1.1.1	grade	content						
•		an a	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(9/t)			(kg
								<u> </u>					
1	457370	2618770	800	2.80	2242	44	9.86	. 04	. 90	26	. 58	. 37	. 8
2	457390	2618730	1000	2.83	2831	. 56	15.85	. 03	. 85		1, 78		1.2
3	457390	2618750	3000	2.84	8522	. 66	56. 24	. 03	2. 56	. 47	4.01	1 A 4 4 1	3.4
4	457390	2618770	840	2.82	2370	. 51	12.09	. 04	. 95	. 24	. 57	. 37	. 8
5	457390	2618830	1500	2.80	4200	. 25	10, 50	. 08	3.36	. 62	2.60	, 42	1.7
6	457390	2618850	1352	2.80	3789	. 30	11.37	. 08	3.03	. 74	2.80		1.6
7	457410	2618710	1000	2.80	2803	. 34	9.53	. 03	. 84	. 95	2.66	100 A.	1.4
8	457410	2618730	· · · ·	2.84	11362	. 62	9.53	1. A 1. A		. 95	10.34		1111
9	457410	2618750		- 11 J 14 -	7705		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			· · · · ·		18 18 1	
		e	1. S.	1 A A		.94	72, 43	. 03	2, 31	. 91	7.01		- 21 1
10	457410	2618790	1 A A A A A A A A A A A A A A A A A A A	2.83	2265	. 67	15. 17	. 02	. 45		2.17	1	1 0
11	457410	2618810		2,80	. 7847	. 45		. 04	3.14	1.07	8, 40	, 48	3.7
12.	457410	2618830			11324	54	61.15	. 07	7, 93		14.16	. 47	5.3
13	457410	2618850	2000	2.82	5643	. 45	25.39	. 08	4.51	1.01	5.70	. 46	2.6
		2618710	664	2.80	1859	. 23	4.28	. 03	. 56	1.18	2.19	. 55	1 0
14 15	457430 457430	2618730			11362	. 65	73.85		3.41		2.19	. 35	1.0 6.3

16 457430 2618750 332 2.91 965 1.13 10.91 .02 .19 1.35 1.30 .57 .51 17 457430 2618790 2000 2.87 5738 .88 50.49 .03 1.72 1.29 7.40 .56 3.2 18 457430 2618810 4000 2.83 11324 .61 69.08 .05 5.65 1.28 14.49 .53 6.01 19 457430 2618830 4000 2.84 11362 .62 70.44 .06 6.82 1.27 14.43 .51 5.75 20 457430 2618850 1500 2.84 4261 .62 26.42 .07 2.98 1.22 5.20 .49 2.02 21 457450 2618710 2000 2.80 5605 .38 21.30 .03 1.68 1.34 7.51 .58 3.22	łoj	X (E)	Y (N)	Voluma	S. G.	Tonnage	(Ju	. 7	(n	A	lu -	A	9
16 457430 2618750 332 2.91 965 1.13 10.91 .02 .19 1.35 1.30 .57 .56 17 457430 2618790 2000 2.87 5738 .88 50.49 .03 1.72 1.29 7.40 .56 3.2 18 457430 2618810 4000 2.83 11324 .61 69.08 .05 5.66 1.28 14.49 .53 6.00 19 457430 2618850 1500 2.84 4261 .62 26.42 .07 2.98 1.22 5.20 .49 2.00 21 457450 2618710 2000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 .67 22 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 6.66 24 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39		••••	· · · · · · · · · · · · · · · · · · ·	(m3)	(t/m3)	(ton)	(%)	(ton)	··· (%)	(ton)	-			
18 457430 2618810 4000 2.83 11324 61 69.08 .05 5.66 1.28 14.49 .53 6.00 19 457430 2618830 4000 2.84 11362 .62 70.44 .06 6.82 1.27 14.43 .51 5.7 20 457430 2618850 1500 2.84 4261 .62 26.42 .07 2.98 1.22 5.20 .49 2.00 21 457450 2618730 4000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 6.7 22 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 .66 24 457450 261880 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 25 457450 261870 2000 2.83 5662 .59 33.41 .03 1.70 1.48	16	457430	2618750	332	2.91	985					1.35	1. 30	. 57	. 55
19 457430 2618830 4000 2.84 11362 .62 70.44 .06 6.82 1.27 14.43 .51 5.7 20 457430 2618850 1500 2.84 4261 .62 26.42 .07 2.98 1.22 5.20 .49 2.00 21 457450 2618730 4000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 6.7 22 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 .66 24 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39 15.90 .57 6.55 6.3 25 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .77 26 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70	17	457430	2618790	2000	2.87	5738	. 88	50.49	i 03	1.72	1.29	7.40	. 56	3.21
20 457430 2618850 1500 2.84 4261 .62 26.42 .07 2.98 1.22 5.20 .49 2.00 21 457450 2518710 2000 2.80 5605 .38 21.30 .03 1.68 1.34 7.51 .58 .22 457450 2518710 2000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 6.70 23 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 .66 24 457450 2618810 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 25 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .74 26 457470 2518710 500 2.81 1406 .46 .647 .03 .42 1.45 2.04	18	457430	2618810	4000	2.83	11324	. 61	69.08	. 05	5.66	1, 28	14, 49	. 53	6.00
21 457450 2618710 2000 2.80 5605 .38 21.30 .03 1.68 1.34 7.51 .58 .22 22 457450 2618730 4000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 6.70 23 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 6.66 24 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39 15.90 .57 6.55 6.3 24 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .74 26 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.44 29 457470 2618730 2000 2.88 1514 .89 102.47 .05 5.76	19	457430	2618830	4000	2.84	11362	. 62	70,44	5.06	6.82	1, 27	14, 43	. 51	5. 79
22 457450 2618730 4000 2.84 11362 .65 73.85 .03 3.41 1.42 16.13 .59 6.7 23 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 6.6 24 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39 15.90 .57 6.55 25 457450 2618830 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 26 457470 261850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .77 27 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.44 28 457470 2618790 3000 2.88 8579 .79 67.77 .04 3.43 1.48	20	457430	2618850	1500	2.84	4261	. 62	26.42	. 07	2.98	1.22	5.20	. 49	2.0
23 457450 2618790 4000 2.83 11324 .57 64.55 .04 4.53 1.45 16.42 .59 6.6 24 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39 15.90 .57 6.5 25 457450 2618830 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 26 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .7 27 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.4 29 457470 2618790 3000 2.88 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618810 4000 2.98 11590 1.05 121.69 .06 6.95 1.37	21	457450	2618710	2000	2.80	5605	. 38	21.30	:.03	1.68	1.34	7.51	. 58 :	3.2
224 457450 2618810 4000 2.86 11438 .74 84.64 .05 5.72 1.39 15.90 .57 6.5 25 457450 2618830 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 26 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .7 27 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.4 28 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618790 3000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .69 6.7 31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37	22	457450	2618730	4000	2.84	11362	. 65	73.85	. 03	3.41	1.42	16, 13	. 59	6.7
225 457450 2618830 4000 2.87 11476 .80 91.81 .06 6.89 1.33 15.26 .55 6.3 26 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .7 27 457470 2618710 500 2.81 1406 .46 6.47 .03 .42 1.45 2.04 .60 .8 28 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.4 29 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618810 4000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .59 .67 31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37	23	457450	2618790	4000	2.83	11324	. 57	64.55	.04	4, 53	1.45	16, 42	. 59	6.6
46 457450 2618850 500 2.87 1435 .83 11.91 .07 1.00 1.25 1.79 .53 .7 47 457470 2618710 500 2.81 1406 .46 .6.47 .03 .42 1.45 2.04 .60 .8 48 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.42 49 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 50 457470 2618810 4000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .59 .67 51 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37 15.88 .57 6.6 52 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47	24	457450	2618810	4000	2.86	11438	. 74	84.64	. 05	5, 72	1.39	15, 90	. 57	6.5
27 457470 2618710 500 2.81 1406 .46 .6.47 .03 .42 1.45 2.04 .60 .8 28 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 .64 29 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618810 4000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .59 .67 31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37 15.88 .57 6.6 32 457490 2618790 1000 2.89 2888 .94 27.15 .05 1.44 1.52 4.39 .61 1.7 33 457490 2618830 4000 2.91 11628 1.12 130.23 .06 6.98 1.47	25 -	457450	2618830	4000	2.87	11476	. 80	91, 81	. 06	6.89	1.33	15.26	55	6.3
28 457470 2618730 2000 2.83 5662 .59 33.41 .03 1.70 1.48 8.38 .60 3.42 29 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618810 4000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .59 .7 31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37 15.88 .57 6.6 32 457490 2618790 1000 2.89 2888 .94 27.15 .05 1.44 1.52 4.39 .61 1.7 33 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47 17.09 .60 6.99 .63 .61 .59 6.98 34 457490 2618830 4000 2.93 11704 1.24 <td>26</td> <td>457450</td> <td>2618850</td> <td>500</td> <td>2.87</td> <td>1435</td> <td>. 83</td> <td>s11.91</td> <td>. 07</td> <td>1.00</td> <td>1,25</td> <td>1.79</td> <td>. 53</td> <td> 7</td>	26	457450	2618850	500	2.87	1435	. 83	s 11.91	. 07	1.00	1,25	1.79	. 53	7
29 457470 2618790 3000 2.86 8579 .79 67.77 .04 3.43 1.48 12.70 .61 5.2 30 457470 2618810 4000 2.88 11514 .89 102.47 .05 5.76 1.44 16.58 .59 6.7 31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37 15.88 .57 6.6 32 457490 2618790 1000 2.89 2888 .94 27.15 .05 1.44 1.52 4.39 .61 1.7 33 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47 17.09 .60 6.98 34 457490 2618830 4000 2.93 11704 1.24 145.13 .06 7.02 1.42 16.62 .59 6.98 34 457490 2618810 2000 2.93 6852 1.21 70.81 .06 3.51	27	457470	2618710	500	2.81	1406	. 46	6.47	. 03	. 42	1.45	2.04	60	. 8
30 457470 2618810 4000 2,88 11514 ,89 102,47 ,05 5,76 1,44 16,58 ,59 6,7 31 457470 2618830 4000 2,90 11590 1,05 121,69 ,06 6,95 1,37 15,88 ,57 6,6 32 457490 2618790 1000 2.89 2888 ,94 27,15 ,05 1,44 1,52 4,39 ,61 1,7 33 457490 2618810 4000 2.91 11628 1,12 130,23 ,06 6,98 1,47 17,09 ,60 6,98 34 457490 2618830 4000 2.93 11704 1,24 145,13 ,06 7,02 1,42 16,62 ,59 6,98 34 457490 2618810 2000 2.93 5852 1,21 70,81 ,06 3,51 1,53 8,95 ,61 3,53 35 457510 2618830 4000 2.93 11704 1,25 146,30 ,06 7,02 <	8	457470	2618730	2000	2.83	5662	. 59	33. 41	. 03	1.70	1.48	8, 38	. 60	3.4
31 457470 2618830 4000 2.90 11590 1.05 121.69 .06 6.95 1.37 15.88 .57 6.6 12 457490 2618790 1000 2.89 2888 .94 27.15 .05 1.44 1.52 4.39 .61 1.7 13 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47 17.09 .60 6.9 14 457490 2618830 4000 2.93 11704 1.24 145.13 .06 7.02 1.42 16.62 .59 6.9 14 457510 2618810 2000 2.93 5852 1.21 70.81 .06 3.51 1.53 8.95 .61 3.5 36 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	9	457470	2618790	3000	2,86	8579	. 79	67.77	. 04	3.43	1.48	12.70	61	5.2
32 457490 2618790 1000 2.89 2888 .94 27.15 .05 1.44 1.52 4.39 .61 1.7 33 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47 17.09 .60 6.9 34 457490 2618830 4000 2.93 11704 1.24 145.13 .06 7.02 1.42 16.62 .59 6.9 35 457510 2618810 2000 2.93 5852 1.21 70.81 .06 3.51 1.53 8.95 .61 3.5 36 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	30 :	457470	2618810	4000	2, 88	11514	89	102.47	. 05	5.76	1.44	16.58	. 59	: 6. 7
33 457490 2618810 4000 2.91 11628 1.12 130.23 .06 6.98 1.47 17.09 .60 6.9 34 457490 2618830 4000 2.93 11704 1.24 145.13 .06 7.02 1.42 16.62 .59 6.9 35 457510 2618810 2000 2.93 5852 1.21 70.81 .06 3.51 1.53 8.95 .61 3.5 36 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	31.:	457470	2618830	4000	2, 90	11590	1,05	121.69	. 06	6.95	1.37	15.88	. 57	6.6
34 457490 2618830 4000 2.93 11704 1.24 145.13 .06 7.02 1.42 16.62 .59 6.9 35 457510 2618810 2000 2.93 5852 1.21 70.81 .06 3.51 1.53 8.95 .61 3.5 35 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	32	457490	2618790	1000	2.89	2888	. 94	27. 15	. 05	1.44	1.52	4.39	:.61	1.7
35 457510 2618810 2000 2.93 5852 1:21 70.81 .06 3.51 1.53 8.95 .61 3.5 36 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	33	457490	2618810	4000	2.91	11628	1.12	130.23	.06	6, 98	1.47	17.09	. 60	6.9
36 457510 2618830 4000 2.93 11704 1.25 146.30 .06 7.02 1.48 17.32 .60 7.0	34 .	457490	2618830	4000	2.93	11704	1.24	145. 13	06	7.02	1.42	16, 62	. 59	6.9
	35	457510	2618810	2000	2, 93	5852	1.21	.70.81	. 06	3.51	1, 53	8.95	. 61	3.5
37. 457510 2618850 1000 2.93 2926 1.25 36.58 .06 1.76 1.43 4.18 .59 1.7	36	457510	2618830	4000	2. 93	11704	1.25	146. 30	. 05	7.02	1.48	17.32	. 60	7.0
	37.	457510	2618850	1000	2.93	2926	1, 25	36. 58	. 06	1.76	1. 43	4.18	. 59	1.7
90256 257865 1946.87 124.80 319.17 139.4	1.1			÷.,			- · ·					1. A.		

			90256		257865		1946.87		124.80	1.1.1	319.17	139.45
	1. A. A.		1.11	1		. 19 C						a (1777) - 17
					1. A.		1111	$(-1)^{-1} = 0$	÷		1.11	1
1-			1. 19 A.	112.00		1917 - 1917 1917 - 1917	1.1	1.1	1.1	11.12		· · · · ·
	gical Ore		ະ 520 ຄ							a ta a	·	
lakah			0.20 m	÷.,				1. ÷		1155	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
υτ~ο 	ff grade		J. 20 GU					: :	· . · . ·			
No.	X (E)	Y (N)	Volume	S. G.	Tonnage		Cu	Zr		4	.u	Ag
			3.5	÷.		grade	content	grade c	ontent	grade	content	grade content
	Ras - Ess	and and a start of the start of	(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	10 A A A A A A A A A A A A A A A A A A A	(g/t) (kg)
1.	457430	261879	332	2.81	934	. 43	4.01	. 04	. 37	. 34	. 32	. 68 . 63
2	457430	261881	25.7	2.81	7502	. 39		. 04	3.00	. 34	2.55	.68 5.10
3	457430	261883		2.80	11210	. 33		. 05	5.61	. 34	3.81	.68 7.62
4	457430	261885		2.80	11200	. 30	33.60	.05	5.60	. 34	3, 81	.68 7.62
5	457430	261887		2.80	5605	. 35	19.62	. 05	2.80	. 34	1, 91	.68 3.81
6	457450	261879		2.82	1907	48	9, 16	. 03	. 57	. 34	. 65	.68 1.30
7	457450	2618810		2.82	11286	. 51	57. 56	. 04	4.51	. 34	3, 84	. 68 7. 67
8	457450	2618830		2.83	11324	. 53			4, 53	. 34	3,85	.68 7.70
9	457450	2618850		2.83		. 53	· · · ·	. 05	5.66	. 34	3.85	.68 7.70
10	457450	2618870	A STATE OF A	2.83		. 53	- 1 1 1	. 05	1.42	. 34	. 96	.68 1.93
11	457470	261879	14 1 2 2	2.83		. 58			2.26	. 34		.68 3.85
12	457470	2618810		2.85		. 68		. 04	4.56	. 34		.68 7.75
13	457470	2618830		2.86	11438	. 77	88.07	. 05	5. 72	. 34	3.89	68 7.78
14	457470	2618850		2.86	8579	. 76	65, 20	. 05	4.29	. 34	2.92	.68 5.83
15	457490	2618790	- <u></u>	2.85	1904	. 73		.04	. 76	. 34	. 65	. 68 1.29
16	457490	2618810	1 C C C C	2.87	10994	. 84	92.35	. 05	5.50	. 34	3.74	. 68 7. 48
17	457490	2618830		2.88	11514	. 93	107.08	. 05	5.76	. 34	3, 91	.68 7.83
18	457490	2618850		2.87	8607	. 88	75. 74	.05	4, 30	. 34	2.93	. 68 5.85
19	457510	2618810		2.88	4318	. 91	39.29	.05	2.16	. 34	1. 47	. 68 2.94
20	457510	2618830		2.88	11514	. 94	108.23	. 05	5. 76	. 34	3.91	. 68 7. 83
21	457510	2618850		2.88	11514	. 93	107.08	.05	5. 76	. 34	3, 91	68 7.83
22	457510	2618870		2.88	2879	. 90	25.91	. 05	1.44	. 34	. 98	68 1.96
								· • • •				
			61676		175445		1158.44	1	82. 34		59.65	119.30
			1.0			$\{1, \dots, n\}$			$ \psi_{1} <$	1.1	·	
174		1.5					1.14		1.6.1	<i>1</i> 1	$(x_1,y_2) \in W$	1.00
-	1.1.1.1.	1.1.1						. •		4	, · · ·	the state of the

Rakah Cut-off grade	; 0	10 m .20 Cu										
No X (E)	Y (N)	· · ·		Tonnage	(2	'n	A	u	As)
di sa	 - -	(£m)	(t/m3)	(ton)	orade (%)	content (ton)	grade (%)	content (ton)	grade (g/t)	content (kg)	grade c (g/t)	content (kg)
1 457450	2618850	1000	2.81	2812	. 40	11.25	. 12	3. 37	, 42	1. 18	. 00	. 00
2 457450	2618870	2776	2.81	7806	. 42	32, 79	- 14	10.93	. 42	3. 28		. 00
3 457450	2618890	1000	2.81	2812	. 40	11.25	. 13	3.66	. 42	1. 18	. 00	. 00
4 457470	2618810	1000	2.83	2831	. 56	15.85	. 08	2.26	. 42	1. 19	. 00	, 00
5 457470	2618830	3000	2.83	8493	. 56	47.56	. 09	7.64	. 42	3, 57	. 00	. 00
6 457470	2618850	2000	2.83	5662	. 53	30.01	. 11	6.23	. 42	2.38	. 00	. 00
7 457470	2618870	4000	2.82	11286	. 47	53.04	. 13	14.67	. 42	4.74	00	. 00
8 457490	2618810	2000	2.85	5700	65	37.05	.08	4.56	. 42	2, 39	. 00	. 00
9 457490	2618830	3000	2,85	8550	. 67	57.28	. 08	6.84	. 42	3, 59	. 00	. 00
10 457490	2618850	2000	2.84	5681	. 61	34.65	. 10	5, 68	. 42	2.39	. 00	. 00
11 457490	2618870	4000	2.83	11324	. 54	61.15	- 11	12.46	. 42	4.76	. 00	. 00
12 457510	2618810	1500	2.85	4275	. 67	28.64	. 08	3. 42	. 42	1.80	. 00	. 00
13 457510	2618830	2500	2.85	7125	. 66	47.02	. 08	5.70	. 42	2.99	. 00	. 00
14 457510	2618850	1000	2.84	2841	. 64	18. 18	. 09	2.56	. 42	1.19	. 00	. 00
15 . 457510	2618870	4000	2.84	11362	. 59	67.04	, 10	11.36	. 42	4.77	.00	. 00
16 457510	2618890	1000	2.83	2831	. 53	15.00	. 12	3.40	. 42	1. 19	.00	. 00
H		35776		101391		567, 77		104. 74		42.58		. 00
												••
0			· · .									
Geological Ord												
Rakah	: 5	. 20 Cu										

	1
Geological Ore	Reserve
Rakah	: 500 m
Cut-off grade	: 0.20 Cu

No	X (E)	Y (N)	Volum	e S. G.	Топлазе	1. T. (Gu ·	: ;	Zn	1 A	IJ	A	9
					· · ·	građe	content	grade	content	grade	content	grade	content
-			(m3)	(t/m3)) (ton)	(%)			(ton)		(kg)	(g/t)	(kg)
1	457390	2618830	1500	2.85	4275	. 68		. 07	2, 99	. 62	2.65	. 00	. 00
2	457390	2618850	4000	2.85	11400	. 70	79, 80	. 06	6.84	. 62	7.07	. 00	. 00
3	457410	2618830	1500	2.85	4275	. 68	29, 07	. 08	3.42	. 62	2.65	. 00	. 00
4	457410	2518850	1000	2.85	2850	. 70	19, 95	06	1.71	. 62	1. 77	. 00	. 00
5	457430	2618830	1000	2.84	2841	. 67	19.03	. 09	2.56	. 62	1.76	. 00	. 00
6	457450	2618810	1000	2.84	2841	. 62	17.61	. 12	3.41	. 62	1.76	.00	. 00
7	457450	2618830	2000	2.84	5681	. 64	36, 36	. 11	6.25	. 62	3. 52	. 00	. 00
8	457450	2618870	2000	2.85	5700	. 71	40.47	. 05	2.85	. 62	3. 53	. 00	. 00
9	457450	2618890	4000	2.85	11400	. 71	80.94	.05	5. 70	. 62	7.07	. 00	. 00
10	457470	2618810	3000	2.83	8493	. 69	50,11	. 15	12.74	. 62	5.27	. 00	. 00
11	457470	2618830	2000	2.84	5681	. 60	34, 09	. 14	7.95	. 62	3. 52	, 00	. 00
12	457470	2618870	4000	2.85	11400	. 68	77. 52	. 07	7.98	. 62	7.07	.00	. 00
13	457470	2618890	3000	2,85	8550	. 70	59.85	, 06	5.13	. 62	5, 30	. 00	. 00
14	457490	2618790	1000	2.83	2831	. 57	16, 14	. 16	4.53	. 62	1. 76	. 00	. 00
15	457490	2618810	4000	2.83	11324	. 57	64. 55	. 17	19.25	. 62	7, 02	. 00	. 00
16	457490	2618830	1752	2.83	4960	. 56	27, 78	. 17	8, 43	. 62	3, 08	. 00	. 00
17	457490	2618870	4000	2.84	11362	. 64	72. 72	. 11	12.50	. 62	7.04	. 00	. 00
18	457490	2618890	2000	2.84	5681	. 67	38.06	. 08	4.54	.62	3, 52	. 00	. 00
19	457510	2618790	1000	2.83	2831	. 56	15.85	. 17	4, 81	. 62	1.76	. 00	. 00
20	457510	2618810	1000	2.83	2831	. 56	15.85	. 17	4.81	. 62	1. 76	. 00	. 00
21	457510	2618870	4000	2.84	11362	. 62	70.44	. 13	14.77	. 62	7.04	. 00	. 00
22	457510	2618890	3000	2.84	8522	. 65	55.39	, 10	8. 52	. 62	5. 28	. 00	. 00
			51752		147089		950.65		151.70		91, 20		. 00

akal	n [†]	: 49	90 m										
ut~c	oft grade	: 0.	20 Cu	:	·			19 A.					
۰ ۲٥	X (E)	Y (N)	Volume	 	Tonnage	c	u	Z	n	Ai	,	A	9
	· · ·					grade	content	grade	content	grade d	ontent	grade d	onten
			(m3)	(t/m3)	(ton)	(%)	(ton)	(%)	(ton)	(g/t)	(kg)	(9/t)	(kg
1	457390	2618850	1000	2.80	2800	. 24	6. 72	.04	1, 12	. 00	.00	. 00	.0
2 -	457410	2618830	2000	2.80	5600	. 27	15. 12	. 04	2. 24	.00	. 00	. 00	0
3	457410	2618850	3000	2.80	8400	. 23	19.32	.04	3, 36	.00	. 00	. 00	0
4	457430	2618830	752	2.80	2106	. 23	4.84	.05	1,05	. 00	. 00	. 00	÷.0
5	457450	2618810	332	2.80	930	. 24	2. 23	11	1.02	.00	. 00	. 00	. 0
6	457450	2618830	1916	2, 80	5365	. 22	11.80	.09	4, 83	.00	. 00	.00	÷ _; 0
7	457470	2618810	1752	2.80	4906	. 24	11. 77	. 15	7.36	. 00	. 00	.00	. 0
8	457470	2618830	2000	2.80	5600	. 22	12. 32	. 14	7,84	.00	. 00	. 00	. 0
9	457490	2618810	3252	2.80	9106	. 24	21.85	17	15, 48	. 00	. 00	. 00	. 0
0	457490	2618830	2000	2.80	5600	. 24	13.44	. 18	10,08	. 00	.00	.00	. 0
			18004		50411		119.42		54, 38		. 00		. 0
			· · ·		•	14 A.				S. 11			$\{\lambda_{1},\ldots,\lambda_{n}\}$
			· · · ·				,	· .	· · ·	11 A. L.			11 a
						1.11	4			1.1	4.4	-1	
eol	ogical Ore	Reserve							10	1.144	1.1	- ÷	
aka	h	4	80 m		11 J. 1	· ·				1.1	1997 - 1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	1.11	
ut-	off grade	: 0	. 20 Cu							11.11			• •
No	X (E)	Y (N)	Volume	s. G.	Tonnage		Cu	Z		A		A	
			(m3)	(t/m3)	(ton)	grade (%)	content (ton)	grade (%)	content (ton)		content (kg)	grade (g/t)	contei (ki
1	457410	2618830	1000	2.86	2860	74	21.16	.04	1. 14	. 00	. 00		
2	457410	2618850		2.86	5719	. 74	42, 32		2.29	. 00	. 00	.00	
3	457430	2618830		2.86	3809	72	27.42		1. 90	. 00	. 00	. 00	
4	457430	2618850		2.86	1910	. 72			. 96	.00		.00	· · · · ·
5	457450	2618830					. 13. 75	. 05			00		
6	457470			- 2.85	4275		13, 75		1 M A A A A	(1) (1) (2)	. 00		- 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1
		2618810	1 A A A A A A A A A A A A A A A A A A A	the second s	4275	. 69	29. 50	. 07	2. 99	. 00	. 00	. 00	. (
7		2618810 2618830	500	2.84	1420	• 69 • 65	29, 50 9, 23	. 07 . 10	2. 99 1. 42	.00 .00	.00 .00	. 00 . 00	. (. (
7 8 [;]	457470	2618830	500 2000	2.84 2.84	1420 5681	.69 .65 .65	29, 50 9, 23 36, 93	. 07 . 10 . 10	2, 99 1, 42 5, 68	.00 .00 .00	.00 .00 .00	. 00 . 00 . 00). (. (
			500 2000 1500	2.84	1420	• 69 • 65	29, 50 9, 23	. 07 . 10	2. 99 1. 42	.00 .00	.00 .00	. 00 . 00	0. 0. 0. 0.
8	457470 457490	2618830 2618810	500 2000 1500	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69	.00 .00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810	500 2000 1500 180	2, 84 2, 84 2, 84	1420 5681 4261 511	.69 .65 .65 .63	29, 50 9, 23 36, 93 26, 84 3, 22	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511 30446	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511 30446	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511 30446	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	. 0 . 0 . 0 . 0 . 0
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511 30446	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00	
8	457470 457490	2618830 2618810 2618830	500 2000 1500 180	2:84 2:84 2:84 2:84 2:84	1420 5681 4261 511 30446	. 69 . 65 . 65 . 63	29, 50 9, 23 36, 93 26, 84 3, 22 210, 38	.07 .10 .10 .11	2, 99 1, 42 5, 68 4, 69 56	.00 .00 .00 .00 .00	.00 .00 .00 .00 .00	.00 .00 .00 .00). ((((

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