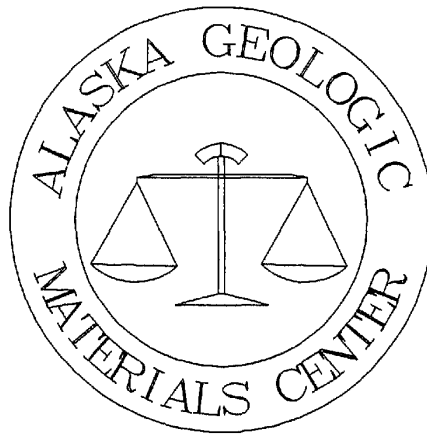


Map location and geological logs of core for 1994 diamond drill holes of the Joy Claims of the Rocky Mountain Creek, Nome D-1 Quadrangle.



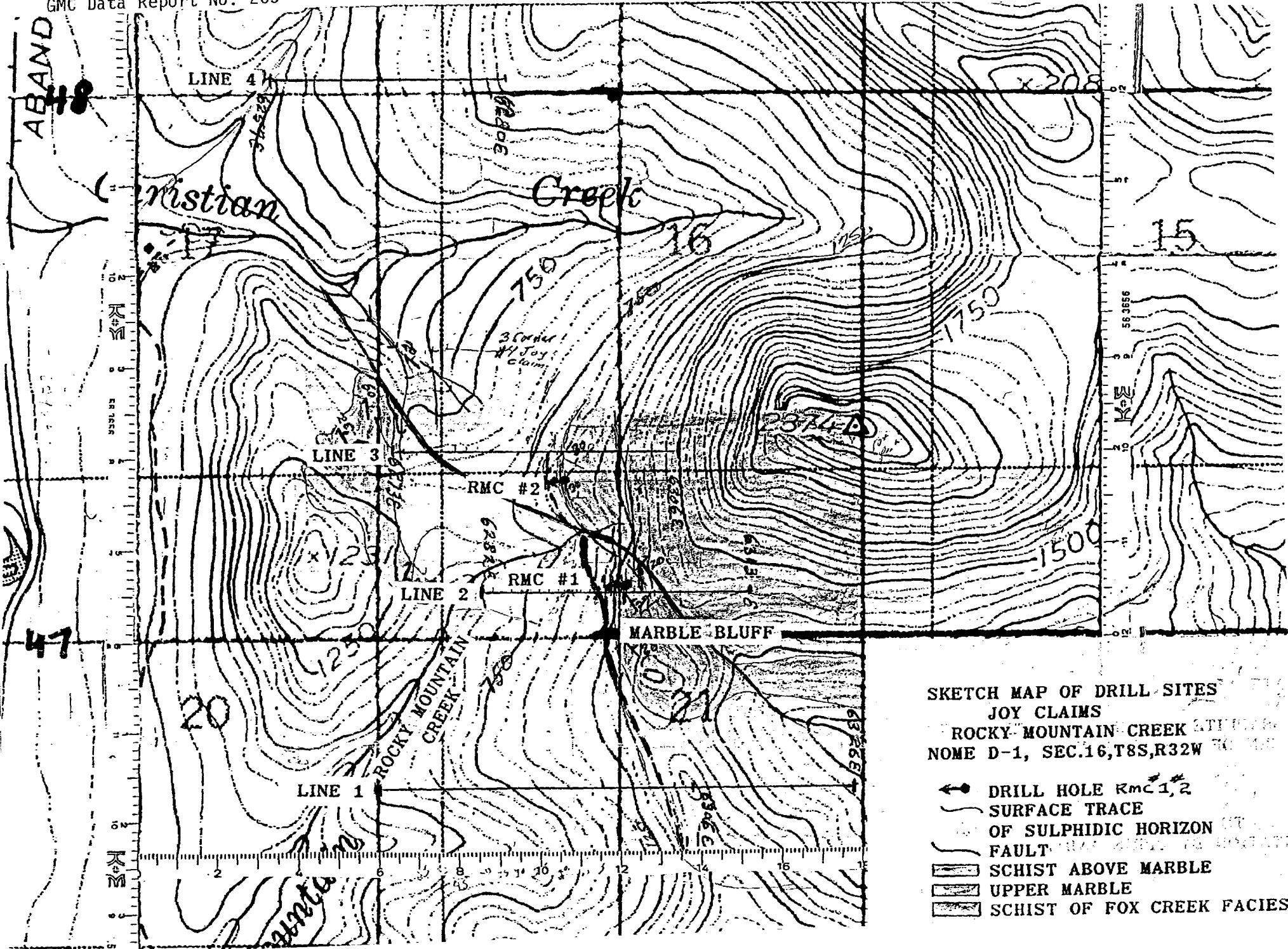
Received 17 January 1996

Total of 10 pages in report

Alaska Geologic Materials Center Data Report No. 263

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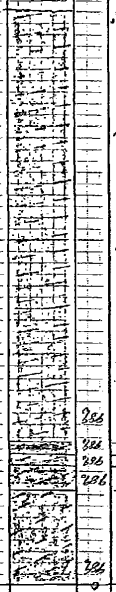
SKETCH MAP OF DRILL SITES
JOY CLAIMS

ROCKY MOUNTAIN CREEK AT THE
NOME D-1, SEC.16,T8S,R32W

- ←● DRILL HOLE RMC #1, #2
- SURFACE TRACE OF SULPHIDIC HORIZON
- FAULT
- ▨ SCHIST ABOVE MARBLE
- ▨ UPPER MARBLE
- ▨ SCHIST OF FOX CREEK FACIES



RECOVERY GRAPHIC LOG



DEPTH 0, 100, 200, 300, 400, 500

COLOR

Open Fract.

Filled Fract.

Fracture Filling

Dip

Structure

DESCRIPTION

MINERALIZATION

SAMPLE NOS. (SPLITS)

ASSAY RESULTS

Main data table with columns for Description, Mineralization, Sample Nos., and Assay Results. Contains handwritten notes and sample identifiers like H5591 and H5590.

COMINCO ALASKA

PROPERTY: Joy Claims, Reddy Mt. Area

ELEVATION: 925'

TOTAL DEPTH: 500'

DRILLER: Ken, Boy's Dr.

GRID COORDINATES: 489428

SCALE: 3/10

HOLE NO: RMC-2-94

ANGLE: -75°

DATE STARTED: 7/17/94

DRILL: RMC

LOGGED BY: R.H.H.

SHEET ONE of Three

LOCATION: 115° 30' W, 70° 30' N

BEARING: Due West

DATE COMPLETED: 7/19/94

LOGGED BY: R.H.H.

SHEET ONE of Three



HOLE # RMC-1-94

PROPERTY: Jay Claims

GRID COORDINATES :

Rocky Mountain Creek

6297 1095

DEPTH	% RECOVERY	GRAPHIC LOG	COLOR	Open Fract.	Filled Fract.	Fracture Filling	Dip	Structure	DESCRIPTION	MINERALIZATION	SAMPLE NOS. (SPLITS)	ASSAY RESULTS							
												Cu	Pb	Zn	Ag	Au			
0	93%								0-81' (Mobile) - grayish, calc. crystalline (graphite) at base & amorphous carbonaceous granular to flat at top. Foliation dipping to SW. Bands of graphite, 1/8" wide, at 80' to base. (Hydrophobic, white bands are sandy sand, calcareous).										
18'									Massive, calc. matrix, coarse crystalline sandy matrix with granular matrix at 18' to 24'.										
19 1/2' - 24'									filled matrix, calcareous, granular										
24' - 27'									massive, gray, granular to sandy, minor calcite, minor oxide & Mn carbonate										
27' - 32'									massive, calcite matrix, coarse grained, some massive calcite nodules										
32' - 33'									fractured matrix, foliation at 60' to 80' and minor mica and calcite replacing solution										
33' - 42.6"									massive to slightly foliated matrix, minor pyrite										
42.6" - 62'									primary foliation at 40' & calcite replacing matrix, calcite and secondary trace pyrite										
62.6" - 81'									graphite on calcite & matrix, increased foliation with prominent at solution, coarse grained, 70' to 80' and calcite matrix										
81' - 81'									massive calcite, matrix, 80' to 81'										
81' - 106'									graphite calcite, quartz, calcite, stamp calcite with massive matrix at 80' to 106' and minor fine pyrite at 80' to 106'. (one matrix band of quartz set in matrix and coarse grained calcite bands in matrix)										
106' - 165'									graphite calcite, coarse grained calcite, quartz, matrix, stamp calcite, minor spots, prominent pyrite, calcite spots, prominent pyrite, graphitic on slickensides between 165' to 172' in ground										
165' - 172'									graphite, matrix, coarse grained calcite, quartz, matrix, stamp calcite, minor spots, prominent pyrite, calcite spots, prominent pyrite, graphitic on slickensides between 172' to 178.5' in ground										
172' - 178.5'									graphite, matrix, coarse grained calcite, quartz, matrix, stamp calcite, minor spots, prominent pyrite, calcite spots, prominent pyrite, graphitic on slickensides between 178.5' to 178.8' in ground										
178.8' - 594' 8"									graphite calcite, coarse grained calcite, quartz, matrix, stamp calcite, minor spots, prominent pyrite, calcite spots, prominent pyrite, graphitic on slickensides between 178.8' to 594' 8" in ground										
178'									matrix, stamp calcite, minor spots, prominent pyrite, calcite spots, prominent pyrite, graphitic on slickensides between 178' to 178.8' in ground										

COMINCO ALASKA		
PROPERTY: Jay Claims, Rocky Mt. Creek	HOLE NO.: RMC-1-94	LOCATION: N 62° 47' 06" E, W 165° 09' 58" E
ELEVATION: 1225'	ANGLE: -75°	BEARING: Due West
TOTAL DEPTH: 594' 8"	DATE STARTED: 7/14/94	DATE COMPLETED: 7/16/94
DRILLER: Ken Boyles BWS	DRILL:	LOGGED BY: R.W.H
GRID COORDINATES: 114 2 + 125H, 6297 1095	SCALE:	Sheet ONE of Three



DEPTH

RECOVERY
GRAPHIC LOG
COLOR
Open Fract.
Filled Fract.
Fracture Filling
Dip
Structure

DESCRIPTION

MINERALIZATION

SAMPLE NOS. (SPLITS)

ASSAY RESULTS

HOLE # RMC-1-94

PROPERTY: Jay Davis, Reedy Mountain Grant

GRID COORDINATES: 6297109E

987										
929-9285										
9199-5945										
830-585										
582-5906										
594'5"										
END OF HOLE										

COMINCO ALASKA

PROPERTY: <u>Jay Davis, Reedy Mt. Grant</u>	HOLE NO.: <u>RMC-1-94</u>	LOCATION: <u>N 64° 47' 06.5" E, W 96° 09' 52.8" E</u>
ELEVATION: <u>1225'</u>	ANGLE: <u>-75°</u>	BEARING: <u>Due West</u>
TOTAL DEPTH: <u>594'5"</u>	DATE STARTED: <u>7/14/94</u>	DATE COMPLETED: <u>7/16/94</u>
DRILLER: <u>Ken Royles Bros</u>	DRILL:	LOGGED BY: <u>RWJ</u>
GRID COORDINATES: <u>N 24 1354, W 2974095</u>	SCALE:	Sheet <u>Three</u> of <u>Three</u>



HOLE # RMC-2-94 PROPERTY: Jay CLAIM GRID COORDINATES: at 6289 + 52 E
Rocky Mountain Creek

DEPTH	% RECOVERY GRAPHIC LOG	COLOR	Open Fract.	Filled Fract.	Fracture Filling	Dip	Structure	DESCRIPTION	MINERALIZATION	SAMPLE NOS. (SPLITS)	ASSAY RESULTS							
959								215' - 94 ppm crystals - augen texture										
988								Graphite and chlorite on rock interesting and hence rock is darker in color. Feldspar is not megacrystally visible. Matrix is quartz, feldspar and epidote of quartz veinlets. Coarse pyrite with graphite on fractures, frequency increases with elevation at 80° to core axis.										
								370 - 372 increased interstitial pyrrhotite, subhedral pyrite in dilution	38% pyrrhotite 71% pyrite	485594								
								374 - 380 prominent precipitation of feldspar with segregation of quartz into lamellae on feldspar. Bright, brassy pyrite, dull interstitial pyrrhotite. Increasing amount of quartz as augen and epidote. Fine feldspar, minor white mica, magnetite, rutile, pyrite in matrix. Pyrite parallel to core axis. Epidote or stichtensides parallel to feldspar average one per 10" of core.	38% pyrite									
								380 - 410 feldspar to more massive banded texture with less prominent feldspar and quartz in matrix and less segregated into augen and veinlets. Trace megacrystic feldspar associated with quartz. Chlorite is in spots on feldspar. Trace sericite. Pyrite is coarse on graphite, feldspar and stichtensides parallel to feldspar.	less than 2% pyrrhotite plus pyrite									
								393 - 398 5" full quartz vein, barren broken chlorite on feldspar. Small vein at 396.5" - 397"										
								392 - 413 quartz veins average two per foot of core. To 100" is 80° to core axis.										
								430' - dilution to 78° to core axis, some chlorite to 445'	3% pyrite on dilution									
								440 - 469 segregation of quartz on dilution. Little than in parallel, less massive appearance to the rock. Trace megacrystic feldspar, 2% pyrite in dilution.	2% pyrite									
								469 - 475 quartz barites, augen, and chlorite. Dark, brassy, minor beige feldspar, 5% pyrite in matrix but none in veins.	5% pyrite									
								475' dilution at 80° to core axis, chlorite in wisps, flame-like, and elongate. Coarse pyrite on fractures, sample 477 + 479' 475' chlorite in dilution.	5% pyrite	485595								
								END OF HOLE 500' 5" thick contact. Diminished to 2% pyrite in matrix, graphite stichtensides and feldspar. Dilution parallel to										

COMINCO ALASKA	
PROPERTY: <u>Jay CLAIM, Rocky Mt. Creek</u>	LOCATION: <u>84° 55' N, 158° 10' W</u>
ELEVATION: <u>950'</u>	BEARING: <u>Due East</u>
TOTAL DEPTH: <u>500'</u>	DATE STARTED: <u>7/17/94</u>
DRILLER: <u>Ken Bayles Dns.</u>	DRILL: <u>RWH</u>
GRID COORDINATES: <u>at 6289 + 52 E</u>	LOGGED BY: <u>Arac</u>
	Sheet <u>Arac</u> of <u>Arac</u>



HOLE # KMC-1-94 PROPERTY: Jay Clain GRID COORDINATES: 6297 109E
Rocky Mountain Creek

DEPTH	% RECOVERY	GRAPHIC LOG	COLOR	Open Fract.	Filled Fract.	Fracture Filling	Dip	Structure	DESCRIPTION	MINERALIZATION	SAMPLE NOS. (SPLITS)	ASSAY RESULTS
191-192'	78%								graphitic gorge in broken schist			
218-227'									light gray in color, sparse, increasing grad. to red chlorite decreasing foliation is at 45° to core axis, planar to contorted, quartz present as aggregate grains in argon and banding	5% pyrrhotite		
227-239'									quartz more common on foliation than on argon and banding, crinoidal foliation average 30° to core axis			
239-251'									prominent bull quartz banding on and disjunct to foliation, quartz accounts for 45% of core, chlorite and graphite on fractures make slickensided, one per 10" of core, increasing to one per 3" of core at 243'	Sample 240-244 schist with quartz banding	455600	
251-259'									quartz is in banding and clots in breccia-like texture, "mylonite"-like fabric, foliation of matrix averages 45° to core axis	5% pyrrhotite		
259'									broken core, pyrrhotite increasing to 7% elongate quartz argon and quartz layers define the foliation, white mica give lighter gray color	7% pyrrhotite		
259-263'									foliation is parallel to core axis			
263-271'									foliation is at 30° to core axis, fractures average one per foot of core with graphite-chlorite slickensides, pyrrhotite on foliation and as dispersed grains	7% pyrrhotite		
271-281'									foliation variable in attitude from parallel to core axis to 45° to axis	Sample of pyrrhotite in schist	456902	
291-328'									chlorite spots, clusters of pyrrhotite have quartz banding and argon, foliation variable in attitude but averaging 45° to core axis			
328-331'									quartz banding and argon averaging two per foot of core, white mica prominent, making rock light gray in color, dark spots of chlorite, rock becoming more homogeneous, foliation averaging 25° to core axis	7% pyrrhotite		
331-399'									salt and peppy color to schist, and pyrrhotite, foliation in spots, and disseminated, foliation is contorted, averaging 45° to core axis, schist 383-355, schist 383-355, siliceous	Sample of pyrrhotite in schist 383-355	456903	
399-400'									salt graphitic gorge			
400-420'									as done gorge			
420-421'									cherty interval in flux so within schist			
421-422'									return schist			

COMINCO ALASKA		By GCR	
PROPERTY: <u>Jay Clain, Rocky Mt. Cr.</u>	HOLE NO.: <u>KMC-1-94</u>	LOCATION: <u>N64° 57' 00" S</u>	BEARING: <u>One West</u>
ELEVATION: <u>1325'</u>	ANGLE: <u>-75°</u>	DATE STARTED: <u>7/14/94</u>	DATE COMPLETED: <u>7/16/94</u>
TOTAL DEPTH: <u>594' 8"</u>	DRILL:	LOGGED BY: <u>RWT</u>	
DRILLER: <u>Ken, Kyle, Bowen</u>	SCALE:	Sheet <u>Two</u> of <u>Three</u>	
GRID COORDINATES: <u>6297 109E</u>			

Rocky Mtn Creek drill core 1997

Move : u inconsistent. Move : r
 Moving up a9421701 pr208 pr226 Au pr233 Ag Al As

	1	2	3	4	5	6	7
1 455590	yes	yes	<5.	yes	1.0	2.03	574.
2 455591	yes	yes	<5.	yes	0.8	1.41	148.
3 455592	yes	yes	<5.	yes	<0.2	1.82	2.
4 455593	yes	yes	<5.	yes	<0.2	1.77	158.
5 455594	yes	yes	<5.	yes	<0.2	3.26	48.
6 455595	yes	yes	<5.	yes	<0.2	2.70	4.
7 455596	yes	yes	<5.	yes	<0.2	2.39	18.
8 455597	yes	yes	<5.	yes	<0.2	2.69	24.
9 455598	yes	yes	<5.	yes	<0.2	1.22	92.
10 455599	yes	yes	<5.	yes	<0.2	2.96	14.
11 455600	yes	yes	<5.	yes	<0.2	2.68	28.
12 455897	yes	yes	<5.	yes	<0.2	1.95	16.
13 455898	yes	yes	<5.	yes	<0.2	2.20	14.
14 456901	yes	yes	<5.	yes	<0.2	2.57	14.
15 456902	yes	yes	<5.	yes	<0.2	2.74	<2.
16 456903	yes	yes	<5.	yes	<0.2	2.51	<2.

RMC #2
 RMC #1

9/10

	8	9	10	11	12	13	14
1 455590	60.	0.5	8.	1.15	14.0	20.	64.
2 455591	60.	<0.5	6.	1.04	3.5	17.	82.
3 455592	50.	<0.5	6.	1.12	<0.5	20.	68.
4 455593	90.	0.5	6.	1.22	<0.5	17.	82.
5 455594	70.	<0.5	2.	0.52	<0.5	30.	77.
6 455595	60.	0.5	6.	3.19	<0.5	24.	90.
7 455596	50.	<0.5	4.	2.22	<0.5	27.	72.
8 455597	60.	0.5	4.	2.46	<0.5	30.	61.
9 455598	170.	0.5	2.	>15.00	<0.5	14.	26.
10 455599	60.	0.5	6.	0.62	<0.5	25.	76.
11 455600	70.	0.5	2.	1.31	<0.5	25.	71.
12 455897	60.	0.5	<2.	1.71	<0.5	23.	55.
13 455898	60.	<0.5	2.	0.46	<0.5	25.	61.
14 456901	60.	1.0	6.	1.34	<0.5	23.	68.
15 456902	70.	0.5	8.	0.77	<0.5	23.	76.
16 456903	70.	0.5	6.	0.60	<0.5	23.	76.

	15	16	17	18	19	20	21
1 455590	40.	4.96	<10.	1.	0.53	30.	1.50
2 455591	26.	3.55	<10.	<1.	0.37	30.	1.34
3 455592	35.	4.32	<10.	<1.	0.47	40.	1.46
4 455593	32.	3.98	<10.	<1.	0.42	30.	1.43
5 455594	41.	6.68	<10.	2.	0.57	40.	2.26
6 455595	31.	5.47	<10.	1.	0.51		
7 455596	33.	5.51					

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			<10.	1.	0.51	40.	2.26	
		33.	5.61	<10.	<1.	0.46	50.	1.75
		35.	5.75	<10.	<1.	0.53	50.	2.06
8	455597	21.	2.94	<10.	1.	0.36	<10.	1.90
9	455598	37.	5.97	<10.	<1.	0.52	40.	2.01
10	455599	34.	5.51	<10.	3.	0.53	40.	1.94
11	455600	33.	5.00	<10.	<1.	0.54	40.	1.60
12	455897	31.	5.37	<10.	<1.	0.47	40.	1.53
13	455898	28.	5.28	<10.	3.	0.54	40.	1.80
14	456901	31.	5.56	<10.	1.	0.56	40.	1.90
15	456902	29.	5.11	<10.	<1.	0.54	40.	1.58
16	456903							

Move : 1

		a9421701		Mn	Mo	Na	Ni	P	Pb	Sb
		22	23	24	25	26	27	28	29	30
1	455590	440.	<1.	0.04	62.	760.	942.	208.		
2	455591	595.	<1.	0.03	52.	590.	138.	28.		
3	455592	280.	1.	0.04	63.	490.	6.	<2.		
4	455593	450.	<1.	0.04	55.	670.	10.	10.		
5	455594	410.	1.	0.05	80.	760.	<2.	<2.		

		a9421701		Sc	Sr	Ti	Tl	U	V	W	Zn
		29	30	31	32	33	34	35	36	37	38
1	455590	4.	43.	<0.01	<10.	<10.	26.	10.	2738		
2	455591	2.	52.	<0.01	<10.	<10.	16.	<10.	530		
3	455592	3.	40.	<0.01	<10.	<10.	22.	<10.	98		
4	455593	4.	52.	<0.01	<10.	<10.	24.	<10.	90		
5	455594	6.	22.	<0.01	<10.	<10.	45.	<10.	170		
6	455595	7.	104.	0.04	<10.	<10.	45.	<10.	57		
7	455596	4.	58.	0.01	<10.	<10.	33.	<10.	70		
8	455597	5.	71.	0.06	<10.	<10.	37.	10.	86		
9	455598	8.	701.	<0.01	<10.	<10.	27.	<10.	57		
10	455599	5.	33.	<0.01	<10.	<10.	38.	<10.	118		
11	455600	5.	58.	<0.01	<10.	<10.	35.	<10.	100		
12	455897	4.	68.	<0.01	<10.	<10.	22.	<10.	77		
13	455898	3.	30.	<0.01	<10.	<10.	25.	<10.	88		
14	456901	6.	103.	<0.01	<10.	<10.	38.	10.	106		
15	456902	4.	45.	<0.01	<10.	<10.	35.	10.	108		
16	456903	4.	36.	<0.01	<10.	<10.	34.	10.	100		

10/10

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