

82-#907 -# 10899

THIS ASSESSMENT REPORT DETAILS
THE 1982 GEOCHEMICAL & GEOLOGICAL SURVEY
ON THE RANGE CLAIM GROUP, CAPOOSE LAKE AREA,
OMINECA MINING DIVISION

NTS 93F/3

at 125°02' W. Longitude, 53°10' N. Latitude

The RANGE CLAIMS are owned by BP Minerals Limited

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,899

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Summary

Following a program of reconnaissance geochemical sampling and prospecting, the RANGE 1-2 claims were acquired in October, 1981. The claims are centered on a base metal-silver soil anomaly.

In 1982, a program of linecutting, stream and soil sampling, plus geological mapping, was performed to evaluate the reconnaissance anomaly. Several base metal and silver anomalies were discovered, and a limited bulldozer trenching program was carried out. Results of the trenching are not conclusive, and further work is planned. RANGE 3, 4 were staked at the end of the 1982 season.

The RANGE claims are a 50-50 Joint Venture of BP Minerals and The Saskatchewan Mining Development Corporation, with BP Minerals Limited as operator. Geological mapping only was done by Bob Cann, an SMDC staff geologist.

Recommendations

- 1) Bulldozer trenching and sampling of the copper-molybdenum-zinc anomaly on L2+00S from 0+50W to 3+00W.
- 2) Fill in geochemical soil sampling from L15S to L20S from the baseline to 4+00W. This will detail the southerly extension of the breccia dike zone.
- 3) Reconnaissance geochemical and soil sampling of RANGE 4, which was staked to the south of RANGE 2 to cover any possible southern extension of the breccia zone.
- 4) Geological mapping of RANGE 4 at a 200 metre line spacing.

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CAPOOSE LAKE PROJECT - GEOCHEMICAL & GEOLOGICAL SURVEYIntroduction

The Nechako Plateau, southwest of Prince George has been until recently, a relatively unexplored part of British Columbia because of limited access. Riocanex conducted a regional lake sediment reconnaissance of the Nechako Plateau during the period 1969 to 1970. Those data were published by Hoffman and Fletcher (1976) and Hoffman (1976). Restricted access in 1976 continued to limit exploration activity. Since that time, Plateau Mills (B.C. Timber) of Vanderhoof has constructed the 160 km long Kluskus Forestry access road. Logging operations have placed many anomalies within walking distance of the road and an active road building program is underway which will provide excellent road access to much of Nechako Plateau in the next five years.

Schroeder (1981) described the geology of five widely separated precious metal deposits or significant precious metal occurrences within the central interior of British Columbia. One of these occurrences lies on the Fawnie Range east of Capoose Lake. The location of the mineralization (Schroeder, personal communication, 1982) lies under the largest soil lead and zinc anomaly defined by Hoffman and Fletcher (1981). Other soil lead and zinc anomalies remained on open ground.

The Nechako Plateau reconnaissance was initiated to assess lake sediment anomalies assorted with volcanic terrain, in a preliminary fashion, using soil and drainage geochemistry, geological mapping, and prospecting methods. Anomalous areas are underlain by either Takla or Hazelton rocks. The geological target type comprises a volcanogenic massive sulphide or precious metal deposit modelled after the Capoose Lake, Equity Silver Mine or Kuroko deposit types.

The Capoose Lake Project was initiated in 1982 to evaluate previously known lake sediment and soil geochemical anomalies located near the Granges Bulk silver prospect on Fawnie Dome. Following a reconnaissance geochemical sampling and geological prospecting program, the RANGE claims were staked in August 1981. These claims covered land over a prominent geochemical soil anomaly having element associations and levels (excepting silver) comparable to those at the Granges deposit.

In 1982, a previously located soil anomaly was investigated in detail by means of a geochemical sampling grid. Detailed soil sampling confirmed the anomaly and a limited trenching program was performed to expose the anomalous zone.

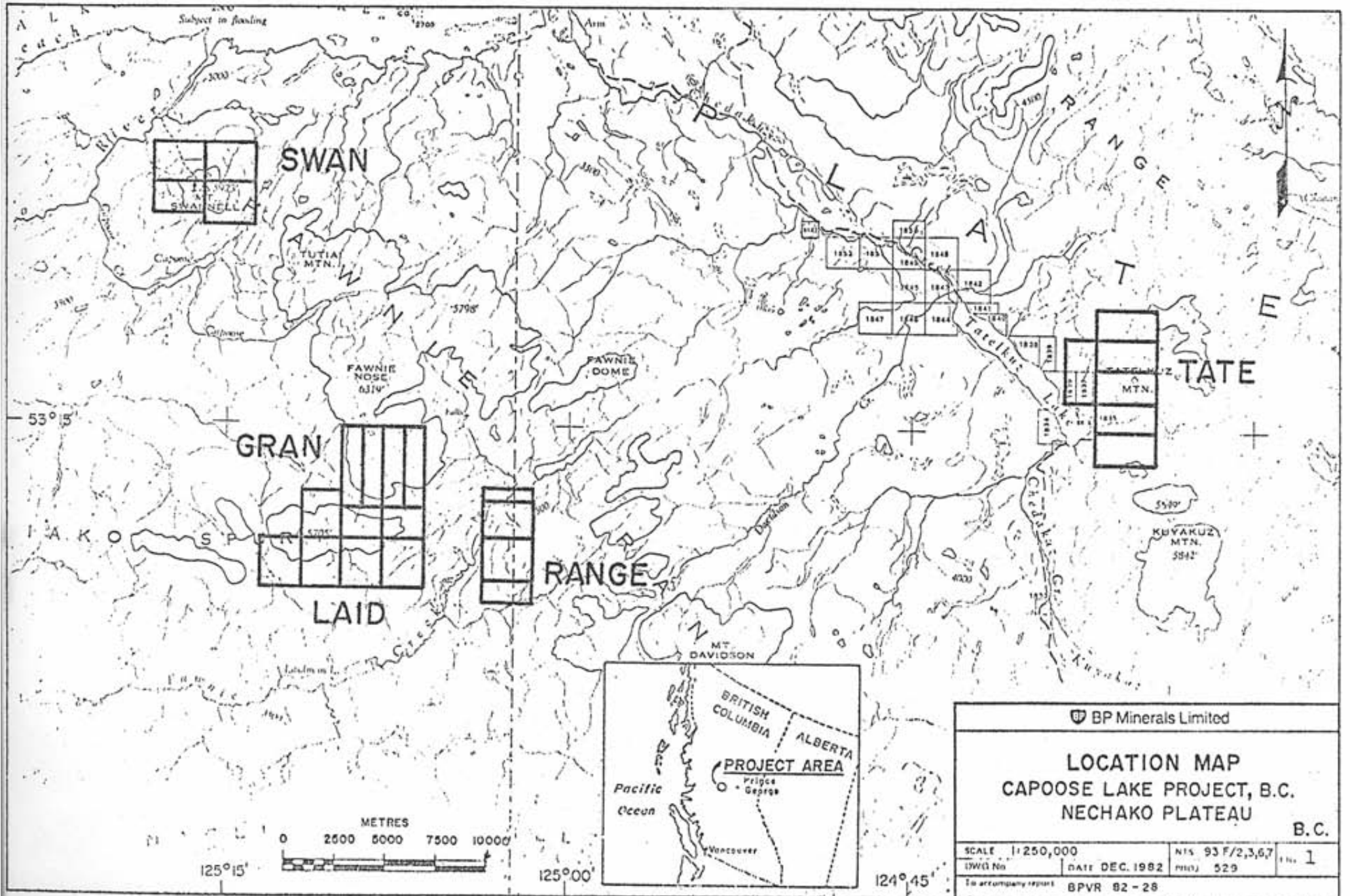
Location and Access (Figure 1)

The RANGE claims are located in the Fawnie Mountain Range, NTS Map Sheet 93F/3, 109 kilometers southwest of Vanderhoof, B.C. The area is accessed by the Kluskus Forestry Road of B.C. Timber Ltd., which begins at their Engen Mill, located 19 km west of Vanderhoof. From Engen, the forestry road is followed southwest 146 km. From this point a logging access road is followed upslope in a southerly direction for 1 km, at which point the centre of the claim group is accessed.

Claim Status and Ownership (Figure 2)

The RANGE Claims are owned wholly by BP Minerals Limited. The RANGE Claims consist of 40 contiguous units in two claim blocks. The recording dates are tabulated below:

<u>Claim Name</u>	<u>Units</u>	<u>Record #</u>	<u>Recording Date</u>	<u>Expiry Date</u>
RANGE 1	20	4404	Oct. 19, 1981	Oct. 19, 1983
RANGE 2	20	4405	Oct. 19, 1981	Oct. 19, 1983
RANGE 3	5	4722	Aug. 16, 1982	Aug. 16, 1983
RANGE 4	10	4790	Sept. 30, 1982	Aug. 30, 1983

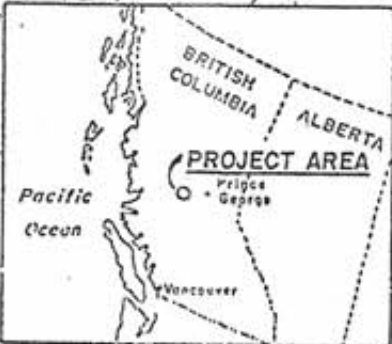


SWAN
SWAINELLA

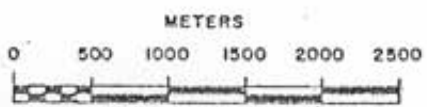
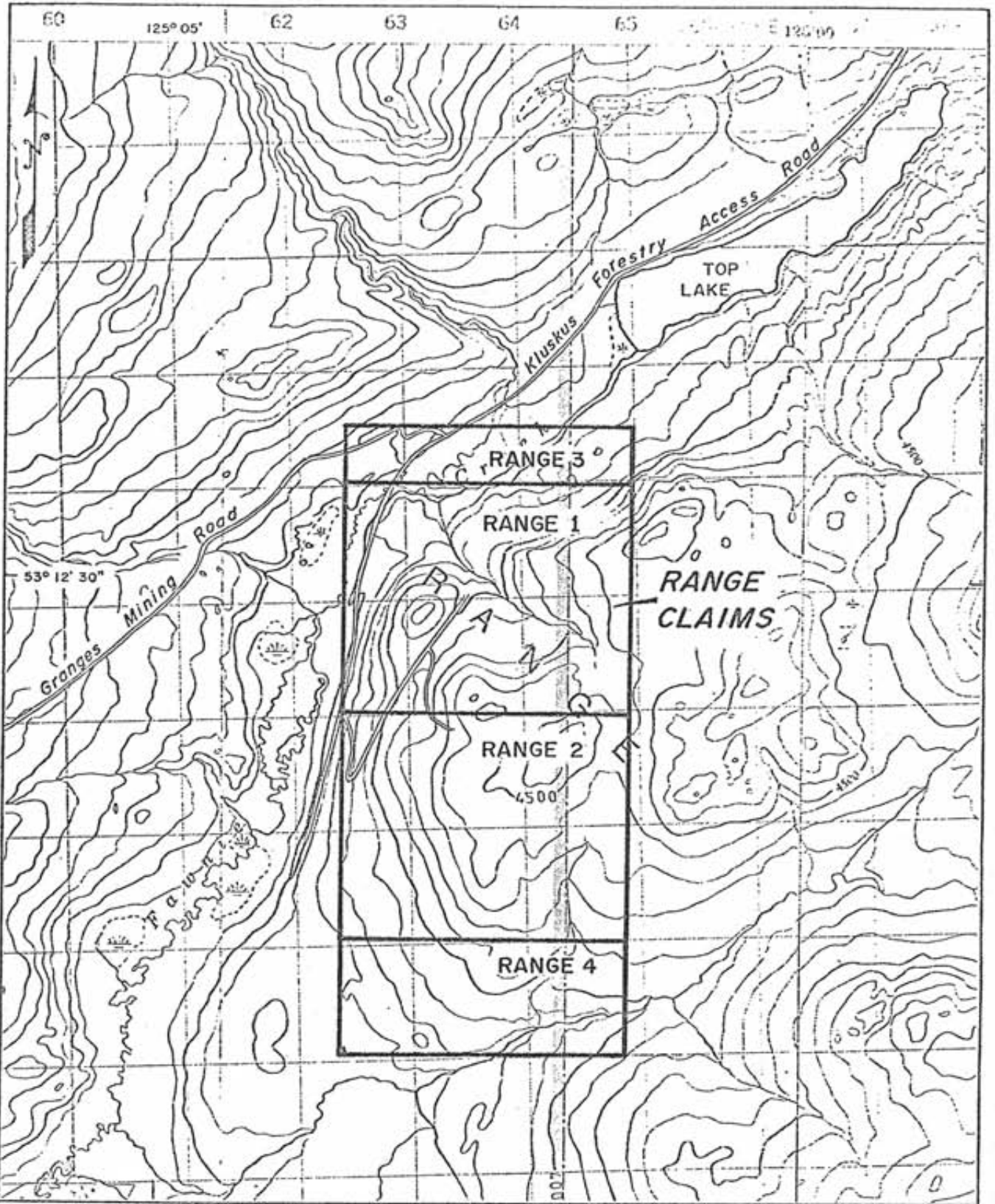
GRAN
LAID

RANGE

TATE
TATE
MTN.



BP Minerals Limited			
LOCATION MAP			
CAPOOSE LAKE PROJECT, B.C.			
NECHAKO PLATEAU			
B.C.			
SCALE 1:250,000	NTS 93 F/2,3,6,7	FIG. 1	
IWG No.	DATE DEC. 1982	PROJ. 529	
To accompany report BPVR 82-28			



BP Minerals Limited

RANGE CLAIMS
CAPOOSE LAKE PROJECT, B. C.
CLAIM LOCATION MAP

SCALE	1 : 50,000	N.S. 93F/2,3	1 of 2
	DATE SEPT. 1982	PROD. 529	

To accompany report

Summary of Work

Previous Work on the Property

As far as can be ascertained from field evidence and available reports, no previous exploration has taken place on the Claim Group. The centre of the RANGE 1, 2 Claims is a logging clearing, crossed by logging access trails.

Summary of Work - 1982

A program of linecutting, geochemical grid sampling, geological mapping and bulldozer trenching was performed on the RANGE 1, 2 Claims during the period June 13 - September 15, 1982. During this period, a crew of two to four samplers, one geologist and four linecutters worked on the grid for varying periods of time.

RANGE Grid (See Figure 4A)

A north south baseline was transited in a magnetic north south direction for a distance of 4100 m. This baseline was tied into Fawnie Creek and the Kluskus Forestry access road. East-west tie lines were cut, blazed, and chained at L6+00N and L33+00S west about 800 m to the Kluskus road and east 1600 m to the RANGE Claim boundary. North south tie lines were then cut, blazed, and chained from L6+00N at 8+00W and 16+00E for a distance of 2300 m south.

Using this framework, 26 east-west soil geochem lines were run by compass and topofil chain, flagged, blazed from baseline to tie line, then sampled at 100 metre intervals. Additional detail sampling was done in August at 50 m intervals in anomalous areas. A total of 77.3 km of line were cut, blazed, flagged and chained.

Geochemical Sampling

Soil samples were taken at 100 metre intervals along the east-west soil lines. Stream samples were taken when streams were crossed on lines, and duplicate samples taken every 30 sample sites. The 100 metre line spacing was maintained from L6+00N to L16+00S, then a 300 metre line spacing was adopted for the rest of the grid. A total of 731 soil and stream sediment samples were collected. The results of the sampling are presented in the geochemical section of this report.

Geological Mapping

The RANGE 1, 2 Claims were mapped by Bob Cann, a SMDC geologist, during the period June 21 - 30 and July 17-19, 1982 at a scale of 1:5,000, using the soil grid, a 1:5,000 topographic base map, and a 1:5,000 airphoto mosaic as control. Chip samples were collected from mineralized outcrops and representative samples taken of each lithology.

Geology

Regional Geology

Regional geology is shown in pocket. Because of inaccessibility and extensive drift cover, little regional work has been done in this area. The most recent publication covering the region is GSC Memoir 324 (Tipper, 1963).

Oldest rocks in the area are Lower Jurassic andesitic volcanic rocks and minor interbedded argillite which are assigned to the lower part of the Hazelton Group in recent compilation maps (GSC Maps 1424A, 1505A). Previously these rocks had been assigned to the Takla Group by Tipper (1963). Conformably overlying these rocks is a sequence of Middle Jurassic interbedded greywacke, shales, pyroclastic rocks, and rhyolite to andesite flows which also are assigned to the Hazelton Group. The Capoose deposit is hosted by rhyolite and argillite belonging to this sequence.

Intruding the Hazelton rocks are Cretaceous and/or Tertiary stocks and batholiths of granite to diorite composition. Porphyry copper and molybdenum mineralization is locally associated with these rocks.

Upper Cretaceous or Tertiary rhyolite, dacite and trachyte flow and tuffs belonging to the Ootsa Lake Group unconformably overlie the above units.

Miocene basalt flows occur locally in the vicinity of Nataalkuz Lake.

Local Geology

The Range claims were mapped during the periods June 21-30 and July 17-19, 1982 at a scale of 1:5,000, using the soil geochemistry grid, topographic base map and a 1:5,000 airphoto mosaic for control. Chip samples were collected from mineralized outcrops and representative samples were taken of each lithology.

In general terms the claims are underlain by Lower Jurassic sedimentary package which is overlain by two distinct volcanic units (Fig.). The sedimentary package can be subdivided into a lower unit consisting dominantly of shale, siltstone and tuff, and an upper unit consisting mainly of coarser clastic rocks. The oldest volcanic unit is andesitic in composition and probably Lower Jurassic in age while the younger volcanic unit is mainly felsic and probably Tertiary in age. All mineralization and geochemical anomalies discovered to date are found within the sedimentary units.

Unit 1, the stratigraphically lowest sedimentary unit consists predominantly of thinly bedded dark grey siliceous shale, siltstone and tuff. Fine-grained tuffaceous sandstone and arkosic sandstone with a deceptive igneous texture occur interbedded with the siltstones and tuffs. Within these sedimentary rocks are dark green andesitic flows and tuffs which form units possibly up to 20 m thick. The sequence in general strikes 10° and dips to the east at 30 to 40°. Graded bedding in siltstones indicates the unit to be the right way up.

In gossanous outcrops the rocks are noticeably more siliceous than is usually found.

Coarser clastic rocks of Unit 2 conformably overlies Unit 1. The commonest rock type within this unit is massive, fine to coarse-grained greywacke (Unit 2a) which is dark grey when fresh but rusty when weathered. Belemnites were found in several outcrops of greywacke. Locally, greywacke can grade into a well-sorted, light brown-grey weathering arkosic sandstone (Unit 2d) with shaley laminations. On the other extreme greywacke can grade rapidly into a coarse volcanic conglomerate (Unit 2b). Clasts are most commonly felsic, subrounded to subangular, and up to 25 cm across. Andesite and sandstone clasts also occur but are less common.

Unit 2c is a distinctive horizon of what is believed to be basaltic tuff. The rock is composed of 1-5 mm, euhedral, dark-green hornblende crystals in a fine-grained, medium-grey matrix. Finer, tuffaceous lenses within the basaltic tuff are contorted, probably due to slumping. The tuff itself is coarsely layered due to size sorting of the hornblende crystals.

The percentage of siltstone and shale with Unit 2 is difficult to estimate because they weather recessively, whereas the coarser clastic rocks tend to be more resistant and form outcrops. The different geochemical character of the soil over these two units (see Soil Geochemistry section), however, suggests that siltstones and shale are a relatively minor component of unit 2.

Overlying Units 1 and 2, possibly with slight unconformity are andesite flows and breccias belonging to Unit 3. The predominant lithology is a green-grey andesite flow with 1-3 mm feldspar phenocrysts and 1-4 mm pyroxene phenocrysts. Flows generally contain 1% disseminated pyrite. At the north end of the unit grey-green and maroon epidotized volcanic breccia appears.

Unit 3 is believed to be approximately the same age as the underlying sediments based on the similarity between Unit 3 and the andesitic flows which are interbedded with Unit 1.

Units 4 and 5 are predominantly felsic tuffs and flows which are believed to belong to the Upper Cretaceous or Tertiary Ootsa Lake Group. Rhyolite flows (?) are fresh, massive cream-coloured rocks which tend to be well-fractured and barren of sulphides. Felsic tuffs consist of thinly bedded, light grey tuffs which are interbedded over 1-2 m with a creamy, rubbly, firable tuff. These tuffs may occur within massive rhyolite such as Unit 4. Felsic, pyroclastic breccias occur locally but are not widespread. Folding of the tuffs was observed in one outcrop.

Several intrusive units of possible Tertiary age cut the above described units. Flow-banded, limonitic rhyolite (Unit 7) is poorly exposed in a rubbly outcrop along the main Kluskus Road. The rock contains a weak quartz stockwork with minor pyrite and molybdenite mineralization. De-

formation of enclosing sediments outcropping immediately to the north of the rhyolite indicates it was forcibly intruded as a plug.

Dacite (?) of Unit 8a occurs as a 2-3 m wide dyke which can be traced south-southwest for 500m until it runs into a vent breccia. The dacite is grey-green to maroon on fresh surfaces with pale grey feldspar phenocrysts in an aphanitic, locally vesicular matrix. Vesicles are occasionally filled with calcite. Near the breccia the dyke contains 1-2% pyrite as veinlets.

The breccia, where exposed is approximately 50m across and consists of angular, phyllic altered dacitic fragments cemented by calcite. Fragments contain up to 2% pyrite as veinlets and disseminations together with minor disseminated chalcopyrite.

Porphyritic rhyolite (Unit 9) forms two plugs which intrude andesites of Unit 3. Texturally, the rock consists of large salmon-brown K-spar phenocrysts, quartz phenocrysts and biotite books in a pink-brown aphanitic matrix. Disseminated pyrite occurs in trace amounts.

Quartz monzonite porphyry (Unit 10) is the most distinct, continuous unit on the property, forming a 200 to 300 m wide dyke, which can be traced along the east side of the property for three kilometers. On weathered and fresh surfaces the rock has a distinctive pink matrix which contains 2 to 3 mm rounded glassy quartz phenocrysts, and 2 to 3 mm

pink K-spar and white plagioclase phenocrysts. Mafic minerals probably biotite, have been completely chloritized. Quartz monzonite porphyry divides Unit 3 from Units 4 and 5 and has possibly intruded along a fault contact between these units.

Unit 11, located in the southwest corner of the claims consists of flows, tuffs and breccias which are probably part of the Ootsa Lake Group. The most abundant lithology is a dacitic quartz feldspar porphyry with a characteristic deep maroon colour. Maroon tuffs and intermediate breccias are probably related to the dacite flows. Grey vesicular basalt underlies the dacite.

Structure

Units 1 and 2 dip uniformly to the east at 35°, although dips as shallow as 15° and as steep as 60° have been recorded. Folding within these units is restricted in extent and caused by local disturbances such as faulting or intrusions.

Lack of outcrop and marker units makes identification of faulting difficult. A series of northeast-trending faults are believed to offset Unit 10. These faults have not been observed but are based on outcrop distribution, airphoto linears, and strong northeast jointing. These faults cannot be followed with Units 1 and 2.

Northwest-trending linears are believed to mark a fault-contact between Unit 11 and 2.

Mineralization

Economic mineralization observed in outcrops has been identified on Figure by three zones marked A to C.

Zone A:

Zone A consists of limonitic tuffs and sediments mineralized by 2-5% pyrite veinlets and by a stockwork of limonitic, vuggy, white quartz veins. Hoffman (1981) reported tourmaline (?) and fluorite from these veins but their presence could not be confirmed in 1982. Trace amounts of galena and chalcopyrite were noted in some pyrite veinlets.

Mineralization is fracture controlled, which in turn is partly controlled by lithology. Siltstones and shales are intensely fractured andesitic flows within the sediments. A genetic relationship between Unit 7 and mineralization is suggested by the presence of a quartz stockwork in both Unit 7 and Zone A, and the proximity and increasing intensity of mineralization toward Unit 7.

Chip sample results for this zone are given below in a north to south sequence.

Zone A Chip Sample Results (ppm)

<u>Sample #</u>	<u>Lithology</u>	<u>Mo</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Cd</u>	<u>Sb</u>	<u>Bi</u>	<u>W</u>	<u>Au(ppb)</u>
001-3	Limonitic seds.	8	179	6	80	0.5	2	1	2	3	37	5
001-2	Argillite, silic.tuff	8	147	10	47	0.7	2	1	2	3	96	5
001-1	Qz-veined Siltstone	17	245	10	86	0.7	2	1	2	10	57	395
037	Rhyolite	8	13	7	35	0.1	10	1	2	2	2	5

The sediments are geochemically anomalous in W which suggests the mineralization is part of a weak molybdenum system related to Unit 7. Sample 001-1 averages 0.4 ppm Au over the 3 m samples. This very anomalous Au value suggests that this zone has potential for epithermal precious metal mineralization spatially related to Unit 7.

Zone B:

Zone B is centered on a small hill in the west-central area of RANGE 1. Rocks exposed along road cuts in this area consist of highly fractured, limonitic, thinly bedded felsic tuffs or silicified siltstones. The only mineralization observed in outcrop was 1-2% disseminated pyrite. Analyses for four random chip samples collected over a 4 m radius are reported below.

Zone B Chip Sample Results

<u>Sample #</u>	<u>Mo</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Cd</u>	<u>Sb</u>	<u>Bi</u>	<u>W</u>	<u>Au(ppb)</u>
013B-1	2	354	18	4305	1.8	2	72	2	50	2	10
013B-2	2	224	18	457	0.6	2	6	2	4	2	5
013B-3	1	32	8	98	0.2	2	2	2	2	2	5
014	4	81	24	162	0.6	2	2	2	59	2	75

Elevated values for zinc, silver, cadmium, and bismuth in sample 013B-1 probably result from small amounts of sphalerite in the sample. Levinson (1980) reports elevated cadmium levels in peripheral areas of mineral deposits. Sample 014, collected on the south side of the hill is anomalous in gold and bismuth.

Zone C:

Zone C is centred on vent breccia (Unit 8b) related to a dacite dyke (Unit 8a). The breccia is exposed as gossanous rubble along a firebreak bordering a logged area. Observed mineralization consists of pyrite and disseminated chalcopyrite within moderately to intensely phyllic altered dacitic fragments. Calcite gangue cements the fragments. One chip sample collected across the exposed 35 m width of the breccia is reported below.

Zone C Chip Sample Results

<u>Sample #</u>	<u>Mo</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Cd</u>	<u>Sb</u>	<u>Bi</u>	<u>W</u>	<u>Au(ppb)</u>
041 F	1	232	77	210	2.1	124	2	2	12	2	90

Although chalcopyrite was observed in hand specimen, copper is only geochemically anomalous. The breccia is generally anomalous in silver, arsenic, bismuth, and gold, however, exposure is too poor to do any further evaluation at present.

Bulldozer Trenching Program (see Figure 5)

Following the geochemical sampling and preliminary analysis of sample results, a limited program of bulldozer trenching was carried out on the RANGE claims, on L12+00S and L14+00S. A D-8 bulldozer with a 1 metre ripper blade was contracted, and the trenching was carried out during the period September 10 - 15, 1982.

A total of 550 metres of trenching was done in four separate trenches. Once bedrock was reached, the trench bottom was ripped to a depth of 1 metre to assure fresh samples. Overburden thickness varied from 0 to more than 4 metres, with an average of 1.0 metres. No attempt was made to dig deeper than 4 metres to bedrock due to time/cost constraints.

Trench Sampling and Mapping Program (Figure 5, Table 1)

A continuous rock chip sampling program was done in each trench, nominally at 10 metres, closing to 5 metres in areas of sulfide staining occurrence, and presence of brecciated rocks.

Sample results are present in Table 1. In summary, rock geochemistry mimicked the soil results spatially, except that the highest silver values in fresh rock are almost half those encountered in the soils. In each case, the same laboratory, laboratory methods and standards were used. Overburden in the anomalous area is usually 0-.5 metres, so surface leaching of the bedrock may explain the

results. The solitary high gold values of 165 ppb in soils corresponds to 5 ppb in fresh rock. Conversely, the 70 ppb gold at sample site 5031 in Trench 2 corresponds to trace in the corresponding soil samples.

The brecciated zone in Trench 2 contains elevated levels of base metals, silver and gold, from 1+75W to 2+30W, but these values are not duplicated in Trench 3 and 4, which have only two samples at twice background in gold and no elevated silver values. Either the gap between Trench 3 and 4 is the brecciated zone, as evidenced by elevated lead and zinc values.

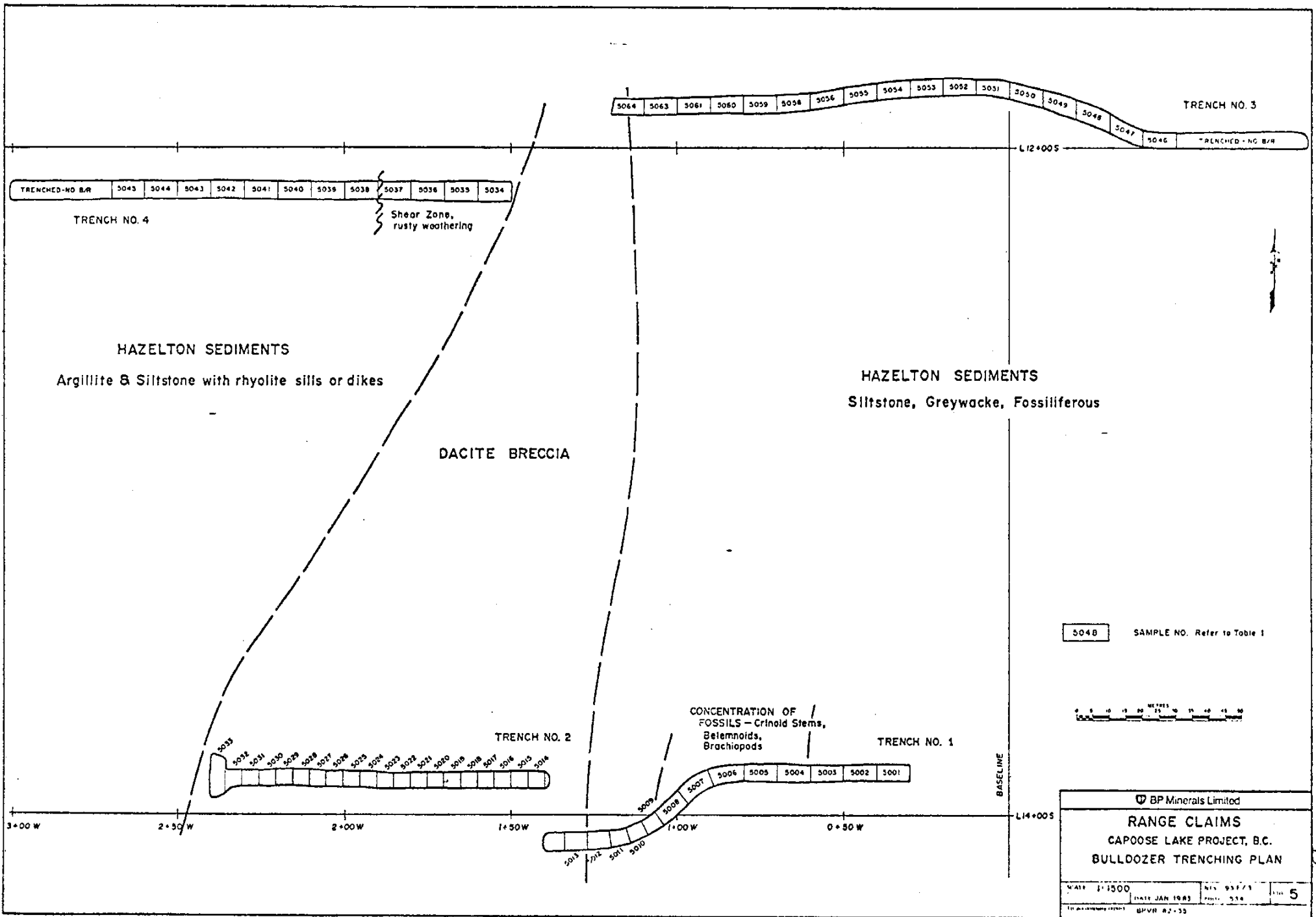


TABLE 1: TRENCHING ROCK CHTP RESULTS

SAMPLE #	BF MINERALS LTD PROJECT # 529 FILE # 82-1157																														
	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	V ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	Y ppm	AuF ppb
5001	1	79	23	100	.1	44	18	799	4.39	10	2	ND	2	142	1	2	2	97	1.95	.09	8	59	2.29	69	.11	2	3.66	.20	.10	2	5
5002	1	90	9	56	.2	60	21	771	4.55	7	2	ND	2	135	1	2	2	120	2.35	.11	7	92	2.85	50	.15	2	3.43	.18	.06	2	5
5003	1	56	10	68	.3	41	17	886	4.41	17	2	ND	2	80	1	2	2	110	2.09	.12	9	63	2.48	46	.12	2	3.19	.22	.07	2	5
5004	1	41	8	80	.2	51	14	692	4.40	12	2	ND	2	87	1	2	2	97	1.41	.09	5	78	2.21	50	.11	2	2.93	.15	.06	2	5
5005	1	46	10	79	.2	32	15	840	4.96	13	2	ND	2	83	1	2	2	115	2.21	.13	9	51	2.11	48	.07	2	2.99	.12	.07	2	5
5006	1	32	9	90	.1	22	12	754	4.22	18	2	ND	2	69	1	2	2	79	3.05	.13	10	38	1.80	41	.04	2	2.35	.06	.10	2	5
5007	2	24	10	83	.2	11	9	625	3.69	25	2	ND	2	70	1	2	2	44	3.67	.14	9	20	1.26	52	.01	2	1.86	.03	.15	2	5
5008	1	23	8	78	.2	11	9	652	3.45	18	2	ND	2	100	1	2	2	42	4.70	.13	8	21	1.22	49	.01	2	1.86	.02	.17	2	5
5009	1	17	11	60	.2	11	8	776	3.16	23	2	ND	2	131	1	2	2	37	8.07	.13	7	19	1.01	43	.01	2	1.60	.02	.16	2	5
5010	1	10	13	49	.2	3	5	607	2.09	53	2	ND	2	74	1	2	2	9	3.37	.05	6	4	.38	44	.01	2	.81	.02	.20	2	5
5011	1	23	10	97	.3	8	10	865	3.28	33	2	ND	2	91	1	2	2	35	4.43	.11	10	15	.98	56	.01	2	1.57	.03	.19	2	5
5012	1	15	10	85	.2	8	9	959	3.45	20	2	ND	2	90	1	2	2	36	4.11	.10	8	17	.93	50	.01	4	1.52	.02	.19	2	5
5013	1	13	22	239	.3	4	6	1462	2.24	26	2	ND	2	85	2	2	2	17	4.67	.06	8	5	.64	62	.01	3	1.16	.02	.20	2	5
5014	1	19	12	109	.3	10	8	951	2.98	20	2	ND	2	80	1	2	2	41	5.44	.08	8	15	.92	46	.01	2	1.41	.03	.15	2	5
5015	1	20	19	230	.3	5	6	1004	2.75	11	2	ND	2	60	2	2	2	25	3.52	.07	8	7	.70	61	.01	2	1.24	.02	.20	2	5
5016	4	15	37	314	.1	4	6	886	1.92	14	2	ND	2	44	2	2	2	13	1.99	.04	9	3	.26	89	.01	3	.64	.02	.21	2	5
5017	1	17	18	242	.2	4	6	821	2.27	26	2	ND	2	48	1	2	2	21	1.91	.05	9	6	.38	70	.01	2	.84	.03	.21	2	5
5018	3	12	12	85	.2	3	6	852	2.13	15	2	ND	2	49	1	2	2	21	2.34	.05	9	5	.44	51	.01	2	.93	.03	.19	2	5
5019	1	11	12	99	.4	11	8	1651	2.99	24	2	ND	2	106	1	2	2	47	8.93	.07	7	16	.71	41	.01	2	1.33	.03	.14	2	125
5020	1	12	11	168	.2	15	8	1071	3.36	5	2	ND	2	87	1	2	2	72	3.30	.08	9	26	1.12	64	.01	2	1.82	.06	.14	2	5
STD A-1	1	31	39	176	.3	33	12	993	2.67	11	2	ND	2	38	1	2	2	54	.61	.10	7	72	.75	302	.08	6	1.80	.02	.20	2	5
5021	1	92	33	181	1.4	14	11	1303	3.39	39	2	ND	2	67	1	2	6	36	3.48	.08	9	12	1.06	71	.01	2	1.55	.02	.21	2	5
5022	1	91	24	108	1.0	18	7	1542	3.62	40	2	ND	2	46	1	2	11	48	2.90	.08	8	17	.96	57	.01	2	1.42	.03	.17	2	15
5023	1	133	51	194	1.2	75	17	1852	5.55	60	2	ND	2	72	1	2	6	95	3.44	.12	7	106	1.79	42	.01	2	2.03	.02	.16	2	30
5024	1	134	21	92	1.5	38	13	1724	4.13	32	2	ND	2	73	1	2	11	93	3.62	.08	6	23	1.36	63	.01	2	2.03	.10	.24	2	15
5025	1	65	20	88	.6	28	13	1239	3.51	45	2	ND	2	46	1	2	3	72	2.20	.08	7	32	1.10	69	.01	2	1.36	.03	.19	2	20
5026	2	36	19	118	.9	47	14	1578	4.54	36	2	ND	2	112	1	2	8	141	3.02	.08	6	62	1.90	56	.01	2	2.67	.12	.14	2	25
5027	1	53	25	123	.5	39	16	1585	4.73	76	2	ND	2	84	1	2	6	110	3.23	.09	7	60	1.45	70	.01	2	2.05	.06	.20	2	25
5028	1	98	33	174	1.1	31	15	1665	4.73	33	2	ND	2	78	1	2	10	163	3.32	.08	7	32	1.85	46	.01	2	2.26	.03	.16	2	15
5029	1	56	29	173	.8	52	11	1207	4.23	39	2	ND	2	67	1	2	5	77	2.56	.11	10	91	1.67	69	.01	2	2.10	.02	.20	2	5
5030	3	176	22	116	1.3	42	19	1560	4.13	55	2	ND	2	75	1	2	10	121	3.08	.12	9	44	1.29	56	.01	2	1.85	.05	.17	2	35
5031	1	88	31	109	1.1	14	16	1735	4.56	89	2	ND	2	88	1	2	10	62	4.29	.10	8	9	1.36	54	.01	2	1.68	.02	.19	2	70
5032	1	60	20	126	.7	28	11	1299	3.52	33	2	ND	2	103	1	2	5	75	3.17	.09	11	47	1.29	94	.01	2	1.84	.06	.21	2	30
5033	1	71	41	111	1.6	47	16	1853	4.80	47	2	ND	2	95	1	2	8	111	3.92	.10	7	58	2.08	69	.01	2	2.28	.02	.17	2	20
5034	1	28	8	92	.2	16	11	739	3.85	6	2	ND	2	47	1	2	2	51	2.17	.12	10	24	1.21	68	.02	2	1.69	.04	.14	2	5
5035	1	15	6	73	.1	23	8	719	2.91	19	2	ND	2	63	1	2	2	33	3.32	.08	9	31	1.02	52	.01	2	1.44	.03	.14	2	5
5036	1	18	11	71	.2	11	9	834	2.87	21	2	ND	2	52	1	2	2	34	1.69	.06	14	16	.88	65	.01	2	1.53	.04	.17	2	5
5037	1	18	15	80	.3	8	3	1048	1.89	81	2	ND	3	50	1	2	2	7	2.21	.07	15	5	.29	122	.01	3	.79	.03	.22	2	5
RE-5015	1	19	20	226	.3	5	6	983	2.67	13	2	ND	2	57	2	2	2	24	3.41	.07	8	7	.69	59	.01	2	1.22	.02	.19	2	5

BP MINERALS LTD PROJECT # 529 FILE # 82-1157

SAMPLE I	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm	AuI ppb
5036	1	31	16	77	.4	33	12	988	2.81	54	2	ND	2	81	1	2	2	34	2.74	.08	7	49	.83	93	.01	2	1.38	.03	.18	2	5
5037	2	33	11	131	.2	19	11	883	3.22	27	2	ND	2	60	1	2	2	72	1.96	.09	10	29	1.31	71	.02	2	2.18	.10	.23	2	5
5040	1	18	7	100	.1	60	10	501	2.81	50	2	ND	2	38	1	2	2	41	.90	.05	4	71	1.03	86	.01	2	1.89	.09	.22	2	5
5041	2	33	7	72	.2	54	9	401	3.24	38	2	ND	2	34	1	2	2	34	.61	.06	6	47	1.16	108	.01	2	1.97	.07	.19	2	5
5042	1	68	8	70	.3	67	18	432	3.67	25	2	ND	2	93	1	2	2	66	1.00	.08	5	79	1.86	155	.03	2	2.69	.12	.15	2	10
5043	1	19	5	69	.2	41	13	444	3.31	39	2	ND	2	98	1	2	2	79	1.14	.06	3	56	1.56	115	.03	2	2.74	.16	.16	2	5
5044	2	59	12	66	.5	73	12	397	3.25	15	2	ND	2	21	1	2	2	44	.27	.04	5	67	1.36	89	.02	2	1.83	.04	.18	2	5
5045	2	37	5	58	.4	66	11	426	2.36	67	2	ND	2	24	1	2	2	44	.41	.07	4	67	1.15	109	.03	2	1.61	.04	.30	2	5
5046	1	57	10	77	.2	31	14	875	4.28	13	2	ND	2	79	1	2	2	98	1.69	.12	6	35	1.79	59	.03	2	2.57	.09	.07	2	5
5047	1	28	21	77	.2	8	9	618	2.69	7	2	ND	2	42	1	2	2	44	1.11	.08	7	13	.88	44	.01	2	1.47	.06	.09	2	5
5048	1	21	7	71	.2	34	11	695	3.53	8	2	ND	2	33	1	2	2	59	1.00	.07	5	42	1.39	45	.01	2	1.98	.04	.09	2	5
5049	1	25	14	89	.1	29	13	771	4.52	6	2	ND	2	22	1	2	2	81	.72	.08	4	37	1.63	68	.02	2	2.33	.03	.10	2	5
5050	1	38	12	101	.2	64	15	786	4.17	17	2	ND	2	27	1	2	2	68	.71	.09	9	49	1.81	54	.01	2	2.49	.04	.11	2	10
5051	1	27	14	87	.2	22	12	712	4.08	28	2	ND	2	50	1	2	2	79	1.26	.09	7	30	1.55	38	.02	2	2.41	.06	.10	2	5
5052	1	89	8	72	.2	66	20	616	4.31	33	2	ND	2	119	1	2	2	77	1.48	.08	5	77	2.30	50	.02	2	3.37	.17	.09	2	5
5053	1	24	9	91	.2	56	15	644	4.21	44	2	ND	2	30	1	2	2	58	.58	.06	10	65	1.52	35	.01	2	2.35	.05	.09	2	5
5054	1	26	14	89	.1	34	15	713	4.37	15	2	ND	2	52	1	2	2	69	1.12	.09	9	35	1.64	63	.01	2	2.59	.07	.09	2	5
5055	1	27	11	98	.1	25	16	1154	4.72	22	2	ND	2	24	1	2	2	73	.73	.08	11	32	1.57	62	.01	2	2.47	.03	.11	2	5
5056	1	24	9	92	.2	23	18	1257	4.99	23	2	ND	2	47	1	2	2	126	1.66	.12	12	26	2.01	46	.01	2	2.83	.04	.07	2	5
5058	1	45	16	98	.3	59	17	1003	4.24	16	2	ND	2	124	1	2	2	93	4.14	.09	6	106	2.50	70	.01	2	2.87	.06	.08	2	10
5059	1	22	21	129	.2	34	10	835	3.80	37	2	ND	2	64	1	2	2	47	2.72	.08	5	48	1.55	69	.01	2	2.22	.01	.12	2	5
5060	1	47	24	136	.3	35	17	1086	4.16	34	2	ND	2	118	1	2	2	77	3.67	.13	9	55	1.92	80	.01	2	2.60	.06	.11	2	10
5061	1	43	28	123	.4	18	13	907	4.50	19	2	ND	2	92	1	2	2	71	2.52	.15	8	15	1.64	96	.01	2	2.66	.07	.12	2	5
5062	15	267	4	46	.2	7	22	492	4.45	5	2	ND	2	22	1	2	3	62	.49	.10	2	9	.86	78	.08	2	1.50	.10	.42	9	5
5063	1	34	8	61	.3	15	13	704	3.55	12	2	ND	2	40	1	2	2	71	1.69	.08	8	21	1.34	55	.02	2	1.78	.05	.12	2	5
5064	1	93	83	259	.4	36	23	976	4.75	57	2	ND	2	61	2	2	2	105	2.46	.12	7	49	2.51	40	.03	2	2.35	.03	.07	2	5
RE-5047	1	28	20	77	.2	9	9	616	2.67	3	2	ND	2	42	1	2	2	44	1.10	.08	7	13	.88	44	.01	2	1.46	.06	.09	2	5
STD A-1	1	31	38	179	.3	34	12	1013	2.72	8	2	ND	2	39	1	2	2	55	.61	.10	7	73	.76	306	.08	5	1.86	.02	.20	2	5

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppb.
 Au ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED SEPT 23 1982 DATE REPORTS MAILED Sept. 23/82 ASSAYER D. J. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

BP MINERAL PROJECT # 529 FILE # 02-1209

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SAMPLE #	ELEMENTS																														
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm
5065	1	501	23	143	.6	28	14	696	9.29	16	7	ND	2	19	1	2	2	33	1.61	.63	11	28	1.41	50	.01	2	2.72	.02	.32	2	20
5066	1	106	31	134	1.2	18	11	2028	3.75	46	7	ND	2	62	1	2	11	44	5.52	.08	7	11	.99	31	.01	2	1.33	.01	.15	2	25
CB-1	1	18	5	15	.1	10	3	756	.99	5	2	ND	2	11	1	2	2	2	1.19	.01	4	3	.15	49	.01	4	.28	.01	.05	2	10
STD A-1	1	29	37	169	.3	32	12	965	2.62	10	2	ND	2	31	1	2	2	51	.62	.09	8	69	.72	244	.08	9	2.05	.02	.18	2	5

Sample Collection, Preparation and Analysis

Soil samples were taken at 50 to 100 m intervals on the RANGE soil grid from the top of the B soil horizon, generally a reddish brown iron-rich zone at a depth of 20 to 30 cm. In areas of sulphide mineralization, soil samples were obtained at 25 m intervals.

In all cases, approximately 500 grams of material was saved in a wet strength paper envelope, prenumbered by sampler according to a regular sequence. An orange ribbon was left on site to aid followup which might be undertaken. Sample number and grid location were affixed on aluminum tags to permit long term recovery of sample locations.

Samples were partially dried and shipped by Pacific Western or Greyhound to Vancouver. Acme Analytical then air dried the soil and sediment samples and sieved disaggregated material to minus 80-mesh. Sample splits of 0.5 grams were digested in aqua regia and analyzed by an inductively coupled plasma (ICP) unit for 26 metals (Appendix 1). A listing of analytical results is found in Appendix 2. Field technical information was recorded according to a standard BP Minerals format and is included with the analytical data of Appendix 2.

Method of Data Evaluation

Appendix 2 lists the field technical data and analytical results in three parts, appropriately numbered in the upper right hand corner of each page. Appendix 3 summarizes statistics for data sets grouped according to sample type (see coding format for columns 1 and 2 in Appendix 3). Selection of arithmetic or logarithmic statistics is determined by a coefficient of variation less than 0.5 (arithmetic) or greater than 0.5 (logarithmic) of data sets where the lowest and highest 5% of the values have been ignored (truncated) to prevent outliers adversely influencing the shape of the histogram.

The minimum and maximum values of the truncated survey data and the range of concentrations they represent are indicated, as are the mean, median (value midway in the frequency distribution) and mode (most commonly occurring value). The standard deviation and statistical anomaly threshold (mean plus 2 standard deviation intervals are quoted. Large values of the standard deviation compared to the mean suggest bimodal distributions and anomaly thresholds are best estimated with reference to histograms contained in Appendix 4.

Deviations from normality can be calculated using skewness and kurtosis measurements. A large positive skewness indicates many samples have low values near the mean,

and high values extend far above the mean. A negative skewness represents population with an extended lower tail of values. Kurtosis values for a normal distribution equals 3. Negative kurtosis values (after subtracting 3 from the kurtosis values) result from distributional curves having a flatter top than usual where as positive values represent peaked distributions.

Description of Results

Copper (Figure 4B)

Copper exhibits good regional enhancement for soils on RANGE. The largest copper-rich zone trends northeast from L21+00S, 750W to L11+00S, 25E, with the majority of values in excess of 100 ppm. It is underlain by Hazelton sediments and appears to be both lithologically and structurally controlled. The northern portions of this anomalous region is centered on a vent breccia related to a dacite dyke containing pyrite and disseminated chalcopyrite associated with moderately to intensely altered dacitic fragments.

A smaller anomalous region located at the western extension of L1+00S to L5+00S from the baseline to 550W, lies downslope from zone B. The immediate proximity and similar geochemical expression of the copper-rich soils to the mineralized chip samples suggests additional or broader zones of weakly mineralized quartz veined stockworks.

Copper concentrations obtained from soils underlain by volcanic units are characterized by background copper values except for the odd anomalous sample. Isolated anomalies, especially ones near the southern margins of the survey area on RANGE may be significant in view of the wide spacing of grid lines and sample density.

Lead (Figure 4C)

The distribution of lead in soils on RANGE exhibits greater variability than that for copper. Lead accumulation

exhibits a relatively high contrast compared to a background of less than 25 ppm. The large copper anomaly, termed the 'dyke zone anomaly' is also lead rich. Dimensions are up to 400 metres wide and extend between L15+00S to L1+00S in a north by northeast manner, and probably structurally and/or lithologically controlled. Maximum values are in the 200 to 250 ppm lead range, 5 to 10 times background.

The other area of enhanced copper in soils, termed the 'northwest zone anomaly', exhibits only slightly increased levels of lead.

Significantly more lead anomalies are located within the volcanic units than was the case for copper. The majority tend to be aligned in an east-west fashion, straddling the most northerly inferred fault.

As was the case for copper, single isolated anomalies, open to the south, merit additional investigation due to the wide sample spacings.

Zinc (Figure 4D)

The zinc distribution is similar to that of copper and lead. Average concentration of zinc in soils range from 80 to 150 ppm. Both the dyke zone and northwest anomaly exhibit significant accumulations of zinc. The northwest zone anomaly, high in copper is also extremely zinc rich, averaging about 700 ppm to a sample high of 1192 ppm. The anomalous region extends from the baseline to the westernmost margins of the survey on lines 0+00S to 4+00S.

Enhanced accumulation of zinc up to 4251 ppm zinc also occurs within the dyke zone anomaly. Increased levels of zinc, however, are restricted to close proximity of the dyke.

A third zone of zinc enrichment occurs on L33+00S, from 200E to 800E, and is associated with increased levels of copper and lead. As was the case for copper, no significant anomalies were encountered over the volcanic units on RANGE.

Barium (Figure 4E)

The distribution of barium is markedly different from that of other elements. The northwest zone characterized by anomalous levels of copper and zinc contains background concentrations of barium whereas the dyke zone soils are only moderately enhanced. Significant accumulations of greater than 300 ppm barium are clustered in an east-west trend (L0+00S to 4+00S, from about 700E to 1400E). A five sample anomaly to 818 ppm barium is also outlined along the northeastern margins of the claim group.

The geological environment and underlying rhyolitic flows associated with these unusually high barium contents, increasing and open to the northeast, merit additional follow-up and raises the distinct possibility of a massive sulphide Kuroko type deposit to the east.

One other significant anomalous barium zone is outlined on RANGE, along L33+00S from 200W to 700W. Maximum values range up to 948 ppm barium and are associated with anomalous lead and zinc values.

Gold (Figure 4F)

Gold contents are typically of the detection limit of 5 ppb on RANGE. Distribution of gold rich soils tends to be extremely spotty exhibiting no areal continuity. A high gold value of 165 ppb is associated with the central portions of the dyke zone.

Silver (Figure 4G)

Silver contents are typically very low on RANGE. Anomaly threshold is estimated at 1.0 ppm. Six isolated and one areally continuous anomalies are defined on this basis. Maximum values in all cases are in the range of 2 to 5 ppm.

The dyke zone anomaly exhibits significant silver enrichment in the 1.8 to 33 range compared to a background of less than 0.4 ppm. The anomalous region is up to 500 metres across and 500 metres in length centered on a dacitic dyke and its related breccia. By contrast, the northwest zone is characterized by background levels of silver.

The isolated anomalies might be significant in view of the wide spacing of grid lines and sampling density, especially the ones located at the southern margins of the sampling grid, which also exhibit enhanced copper, lead and zinc contents.

Arsenic (Figure 4H)

The distribution of arsenic is similar to that of copper, zinc, and iron. Most of the soils are characterized by concentrations of less than 25 ppm arsenic. Broad regional clustering of arsenic rich soils restricted to the northwest portion of the survey area, suggests a possible lithological or structural control. By contrast, soils associated with the volcanic units located to the east contain background levels of less than 15 ppm arsenic.

The broad north by northwest trend that characterizes the dyke zone anomaly also contains enhanced accumulations of arsenic. Significant concentrations of up to 350 ppm centered over the dyke and its related breccia coincides with increased concentrations of copper, lead, zinc, and silver. Increased levels up to 413 ppm arsenic were also obtained, from the northwest zone, although distribution of arsenic-rich soils is more localized.

Molybdenum (Figure 4I)

Molybdenum levels are generally at the detection limit of 1 ppm on RANGE. By contrast a cluster of strongly

enhanced values of 11 to 34 ppm is associated with the copper and zinc rich northwest anomaly, possibly reflecting a weak porphyry system.

Iron (Figure 4K)

Iron variability extends over a significant range of values. Most soils are average, containing less than 3.2% iron. Iron accumulation from 4% to 7% levels and up to 10% is particularly prominent within both basemetal rich, barite poor dyke zone and northwest zone. The iron-rich zone is highly analogous to the that of zinc. Presence of pyrite in chip samples obtained from both anomalous zones, suggesting high pyrite content within the Hazelton sediments is contributing to the anomalous iron distribution. The volcanic units on RANGE by contrast are not enriched in iron contents.

Manganese (Figure 4K)

Manganese variability extends over a significant range of values. Average concentrations of less than 300 ppm manganese characterizes the majority of sample. The distribution of manganese-rich samples (up to 3500 ppm) corresponds generally to that of iron, although a greater number are found within the volcanic units. Anomalous concentrations of manganese are associated with both major base metal anomalies, aerally not as widespread.

Nickel (Figure 4H)

The distribution of nickel is probably lithologically and/or structurally controlled on RANGE. A broad regional anomaly averaging about 25 ppm nickel up to 159 ppm trends north by northeast parallels the dyke zone anomaly. Highest concentrations of nickel being in close proximity to the dacitic dyke and its related breccia. The northwest zone anomaly exhibits a cluster of significantly high accumulations of up to 88 ppm nickel. Felsic volcanics east of these two anomalous zones are characterized by soils with nickel contents less than 9 ppm.

Vanadium (Figure 4K)

The distribution of vanadium is probably geologically controlled. A broad regional anomaly trends north-northwest and corresponds in aerial extent to the dyke zone anomaly. Concentrations greater than 80 ppm vanadium are centered over the dacitic dyke. The northwest zone is also enriched in vanadium. Soils overlying volcanic units on RANGE have significantly lower concentrations.

Aluminum (Figure 4K)

The aluminum content of soils reflect geologic and sampling parameters. Position of aluminum-rich zones correspond to that of vanadium. The two important base metal anomalies contain enhanced concentrations of aluminum up to 2.5%.

Magnesium (Figure 4K)

Magnesium exhibits a narrow range of concentrations. Maximum values range around 1.1% magnesium, with the majority of samples averaging less than 0.5%. Magnesium distribution is similar to that of aluminum.

Potassium (Figure 4K)

Potassium in soils on RANGE exhibits very little range in concentration and as consequence, its distribution is highly variable. High values cluster in the same general location as high values of aluminum and barium, but base metal-rich-areas are reflected by average potassium contents.

Calcium (Figure 4K)

The distribution of calcium basically follows that of barium. Both the dyke zone and northwest anomalies exhibit moderate to strong enhancement of calcium.

Strontium (Figure 4K)

Strontium follows calcium in distribution.

Chromium (Figure 4K)

Chromium in soils on RANGE exhibits a very narrow concentration, with most samples averaging less than 16 ppm. Despite the low variability, a broad regional clustering of values parallels the dyke zone anomaly characterized by chromium contents up to 35 ppm.

This north by northwest trend probably reflects lithological or structural controls.

Discussion of Results

Three anomalous zones are identified in soil on RANGE. All three anomalies are reflected primarily by their copper, lead, zinc, and silver contents which for most cases exceeds anomaly threshold of 50 ppm, 40 ppm, 500 ppm and 0.8 ppm respectively.

The largest of the three labelled "dyke zones" by virtue of an apparent association with a dacitic dyke, exhibits anomalous extensions both to the northeast and southwest of known dyke and breccia related material, probably reflecting structural controls. This zone also contains anomalous concentrations of iron, manganese, chromium, and arsenic.

The second largest anomalous zone labelled "northwest" has a distinctively different anomalous geochemical signature than that of the other two. This zone is characterized by molybdenum, copper, and zinc-rich soils, with little to no precious metal content. Rock chip geochemistry and detailed mapping relate the anomalous concentrations to a broad weakly mineralized quartz stockwork, reflecting a minor porphyry system.

A third anomalous zone is located at the southern extremities of the survey area. Despite the wide sample spacing, significant accumulations of copper, lead, zinc and spot silver highs were obtained.

The objective of exploration on RANGE was to discover a mineral occurrence similar to the Granges Capoose prospect on Fawnie Nose. Geochemical study of what was to become the three main Granges prospects was conducted in 1971 (Hoffman, 1976) and the following association could be defined.

1. No. 3 zone of Granges, a predominantly sphalerite bearing zone in volcanoclastic sediments. The No. 3 zone was discovered in 1976 on followup of the stream sediment anomaly reported by Hoffman (1976). Associated elements: weak, copper, lead, zinc, manganese, silver, weak gold, arsenic, cobalt.
2. No. 1 zone of Granges, predominantly silver bearing zone associated with a white, altered rhyolite. No. is the highest grade silver zone. Associated elements: copper, weak lead, zinc, strong manganese, silver, gold, arsenic, cobalt, mercury.
3. No. zone of Granges, a predominantly silver bearing zone with some associated gold credits. Geology comprises volcanic units intruded by a white rhyolite dike and represents the largest of the potential ore zones. Associated elements: copper, lead, weak zinc, silver, gold, arsenic, mercury.

Table 1 summarizes relationships with respect to metal associations at each of the three main anomalies on RANGE and similarities with the dyke and southern zones can be seen with the metal distributions of the Granges deposit.

Anomalous zones associated with base-metal silver highs require more detailed geological mapping and sampling to test their geological affiliation.

TABLE 1

Metal Associations of the Three Main Anomalous Zones on RANGE

	<u>Dyke Zone</u>	<u>Northwest Zone</u>	<u>Southern Zone</u>
Copper	XX	XX	X
Lead	XX	X	XX
Zinc	XX	XX	XX
Iron	XX	X	X
Manganese	XX	X	X
Silver	XX	-	X
Gold	X	-	-
Arsenic	XX	XX	-
Molybdenum	-	XX	-
Barium	-	-	-
Chromium	XX	-	-

X - Moderately high values

XX - Very high values

Conclusions

Three anomalous zones are identified on RANGE. The most outstanding is over 1 km long and rich in copper, lead, zinc, silver, arsenic, iron and chromium. Central portions of the zone has been trenched, and enhanced multi-metal concentrations have been attributed to a dacitic dyke and related breccia material. Significant multi-metal accumulations trending northeast and southwest from the dyke, merit further geological investigation, by mapping and trenching.

Trenching and more detailed mapping is also suggested for the northwest zone anomaly which exhibits high molybdenum, copper and zinc contents.

The southern zone is reflected by appreciable copper, lead, zinc, silver and barium contents, and is open to the south. More detailed soil sampling and geological mapping at 1:5,000 scale is suggested to test its potential.

References

Hoffman, S.J., 1976. Mineral Exploration of the Nechako Plateau, Central British Columbia, using lake sediment geochemistry. Ph.D. Thesis, University of British Columbia, 347 pp. (unpubl.).

Hoffman, S.J. and Fletcher, W.K., 1976. Reconnaissance geochemistry of the Nechako plateau, British Columbia, using lake sediments. J. Geochem. Explor. 5: 101-114

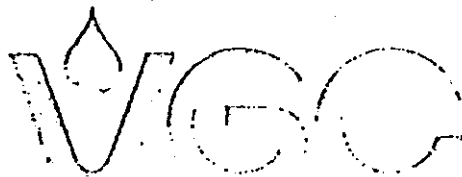
Schroeder, T., 1981. Selected Precious Metal deposits of Northern, B.C. Oral presentation, symposium on Precious Metals in the Northern Cordillera, April 13 - 15, 1981, Vancouver.

Tipper, H.W., 1963. Nechako River map-area, British Columbia. Geol. Survey of Canada Memoir 324, 59 pp.

APPENDIX 1

Analytical Procedures

1. Gold Analysis
2. ICP Multielement Analysis



986-521

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA G04-2XXXXXX

V7P 2S3

October 7, 1982

To: BP Exploration Canada Ltd.
Suite 700, 890 W. Pender Street
Vancouver, B.C. V6C 1K5

From: Vangeochem Lab Ltd.
1521 Pemberton Avenue
North Vancouver, B.C. V7P 2S3

Subject: Analytical procedure used to determine Aqua Regia soluble gold
in geochemical samples.
Re: 1982 Project 505 Gold analyses.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4 x 6 Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100 - mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

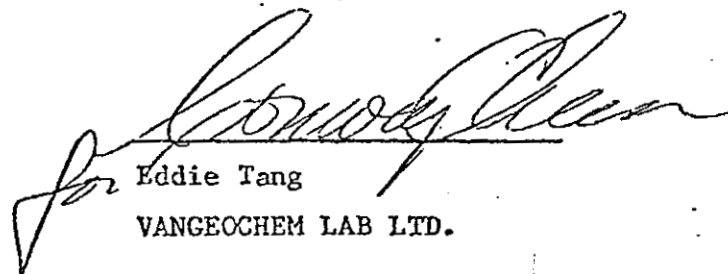
- (a) 5.00 - 10.00 grams of the minus 80-mesh samples were used. Samples were weighed out by using a top-loading balance into beakers.
- (b) 20 ml of Aqua Regia (3:1 HCL : HNO₃) were used to digest the samples over a hot plate vigorously.
- (c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.
- (d) The Au complexes were extracted into diisobutyl ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode Lamp. The results were read out on a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.



Eddie Tang
VANGEOCHEM LAB LTD.

ET: j1



986-5211

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 604-986-5211

V7P 2S3

Oct. 7, 1982

TO: B P Explorations Canada Ltd.
Suite 700, 890 W. Pender St.
Vancouver, B C V6C 1K5

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B. C. V7P 2S3

SUBJECT: Analytical procedure used to determine elements in hot acid soluble
by ICP. Direct reading emission spectrograph analysis.

Re: 1982 Project 505 I C P Analyses.

1. Method of Sample Preparation

- (a) Geochemical soil, silt, lake sediments or rock samples were received in the laboratory in wet-strength $3\frac{1}{2} \times 6\frac{1}{2}$ Kraft paper bags and rock samples in $4'' \times 6''$ Kraft paper bags.
- (b) The wet samples were dried in a ventilated oven.
- (c) The dried soil and silt samples were sifted by hands using a $8''$ diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.500 gram of -80 mesh sample was used.
- (b) Samples were digested in a hot water bath with conc. HNO_3 and conc. HCl acids.
- (c) The digested samples were diluted to a fixed volume and shaken well.

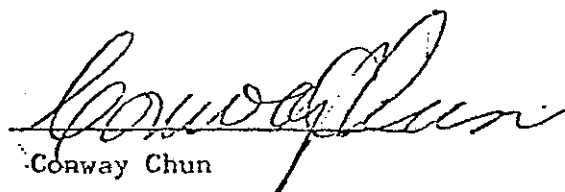
... 2

3. Method of Analysis

The ICP analyses elements were determined by using Jarrel Ash, model 885. Direct reading emission spectragraph of a inductive coupled plasma excitation source. All major matrix and trace elements are interelement corrected to trace elements. All data is entered into Apple II plus, stored on floppy discs, and printed by Epson 100.

4. Analysts

The analyses were supervised by Mr. Dean Toye of Acme Lab Ltd. and his staff.



Conway Chun
VANGEOCHEM LAB LTD.

APPENDIX 2

Coding Format for Geochemical Samples

List of Geochemical Data

GENERAL

- 1-4 GENERAL INFO
- 10 Stream sediment
- 11 Stream water
- 20 Seepage (spring) sediment
- 21 Seepage (spring) water
- 30 Lake sediment - lake center
- 31 Lake water
- 40 Lake sediment - near shore
- 41 Seepage 100 cm
- 42 Seepage water
- 43 Seepage 100 cm
- 44 Organic material at general horizon interface
- 45 Organic-mineral horizon
- 50 Till-top of the B horizon or top of the C horizon if B horizon absent
- 51 Till-bottom horizons (organic-mineral samples or when samples taken at same place)
- 52 Frost boil
- 53 Seepage boil
- 54 Seed overburden sample
- 55 Interbedded overburden
- 56 Sample location determined in field
- 57 Talus fine-mid slope
- 58 Talus fine-in gully
- 59 Talus fine-base of slope
- 60 Talus block-hand sample
- 61 Talus block-chips
- 62 Litho-chemical
- 63 Radio-track etch
- 64 Radio-alpha meters
- 65 Radio-gamma meters
- 66 Bedrock hand sample
- 67 Bedrock chips - hand sample
- 68 Flats hand sample
- 69 Flats chips - hand sample
- 70 Drill core specimens
- 71 Channel sample
- 72 Drill sludge
- 73 Drill chips
- 74 High grade sample
- 75 Special sample-specify (circle label if high grade)
- Special note
For radio-tracers benefits, 7's should be crossed and 0's (letter) should be slashed 0
- 3.4 YEAR
- 5-7 PUBLIC NUMBER
- 1-12 IDENTIFICATION
- 13-15 DUPPLICATE SAMPLES
- 16-18 SAMPLER IDENTIFICATION
- 19-21 DATE
- 22-24 PROPERTY NUMBER
- 25-31 NORTH COORDINATE
- 32-33 EAST COORDINATE
- 34-35 MAP SHEET NUMBER

- 42 PRECIPITATE
- 1. Record colour (report presence of precipitate in immediate vicinity in stream bed. If heavy precipitate, sample separately).
- 43 OVERBURDEN TRANSPORT
- L. Local M. Mixed local
- E. Extensive G. extensive
- U. Unknown
- 45 OVERBURDEN ORIGIN
- 1. Till-angular boulders
- 2. Outwash-sandy, rounded boulders
- 3. Lake sediment-sand/silt
- 4. Alluvium-stream deposit
- 5. Peat-bog
- 6. Colluvium
- 7. Lake sediment-clay
- 8. Talus
- 9. Residual
- A. Frost boil¹ Use only if
- B. Seepage boil² former origin
- C. Boulder field³ cannot be
- D. Gravel⁴ identified
- E. Soil⁵
- 46 BEDROCK
- M. Mineralized
- P. Present within 100m-200m upslope
- D. Present within 100m-200m downslope
- B. Underlies sample site
- C. Gossan
- F. Fe surface stains
- K. Radioactivity
- 47,48 PH
- 49 SAMPLE TEXTURE
- 0. Organic-decomposed
- 1. Clay
- 2. Silt and fine sand
- 3. Sand
- 4. Gravel
- 5. Frozen
- 6. Cemented
- 7. Precipitate
- 8. Twigs or undecomposed organic matter
- 50-52 AVERAGE WIDTH OF STREAM-N
- decimal point in col 5¹ for col 52 if stream > 10 m wide
- 53-55 AVERAGE DEPTH OF STREAM-CH
- 56 STREAM VELOCITY
- 1. Dry
- 2. Stagnant
- 3. Slow
- 4. Moderate
- 5. Fast
- 6. Turbulent
- 57 INDICATE AS TRIBUTARY
- R. Stream enters on right looking down main stream
- L. Stream enters on left looking down main stream
- 58-60 LOCAL BEDROCK COMPOSITION
- Estimate-use lists 1-4
- 61 COLOUR-STREAM SEDIMENTS
- 1. Colour noted in information
- 63-66 CONDUCTIVITY-WATER
- 67 CONTAMINATION
- Blank-none
- P. possible
- D. definite
- 68 ORGANIC FRACTION
- 1. Minor amount of undecomposed twigs, leaves, etc.
- 2. Large amount of undecomposed twigs, leaves, etc.
- 3. Minor amount of well-decomposed vegetation
- 4. Large amount of well-decomposed vegetation
- 5. Mosses
- 6. Some sediment grains coated in organic matter
- 7. All sediment grains coated in organic matter
- 8. Looks like lake sediment material

- 69 MINERAL FRACTION
- 1. Primarily light coloured silicate minerals
- 2. Primarily carbonate sand
- 3. Minor, but notable content of mafic minerals, resuscitates etc.
- 4. High proportion of mafics, resuscitates
- 71 GAMMA SOLID ANGLE
- 1. Ridge 5. A
- 2. Flat surface (2m) 6. B
- 3. Base of section (3m) 7. C
- 4. Deep gullies (4m) 8. D
- 72-75 GAMMA COUNT AT SAMPLE SITE
- 76 ROCK
- 1. If bedrock is influencing scint counts
- 77,78 APPROXIMATE SLOPE ANGLE
- 79,80 APPROXIMATE SLOPE DIRECTION

- SOILS**
- 40 SITE TOPOGRAPHY
- 1. Hill Top
- 2. Gentle slope
- 3. Steep slope > 20°
- 4. Base of slope
- 5. Valley floor
- 6. Depression
- 7. Level
- 8. Rolling
- 9. Bog
- 41 SAMPLE ENVIRONMENT
- 1. Tundra-hummocky
- 2. Tundra-dry
- 3. Tundra-swampy
- 4. Grassland, meadows
- 5. Peat mounds
- 6. Bog in depression
- 7. Forest-coniferous
- 8. Forest-deciduous
- 9. Forest-mixed
- A. Alder or willows
- B. Cultivated land
- C. Desert, semi-arid
- D. Barren
- E. Talus fan
- F. Bank soil-stream
- G. Bank soil-lake
- H. Road cut
- 42 SITE DRAINAGE
- 1. Dry
- 2. Moist
- 3. Wet
- 4. Saturated
- 43 OVERBURDEN TRANSPORT
- L. Local
- E. Extensive
- M. Unknown
- N. Mixed - two sources
- 44 WATER MOVEMENT
- S. Seepage
- 45 OVERBURDEN ORIGIN
- 1. Till-angular boulders
- 2. Outwash-sandy, rounded boulders
- 3. Lake sediment-sand/silt
- 4. Alluvium-stream deposit
- 5. Peat-bog
- 6. Colluvium
- 7. Lake sediment-clay
- 8. Talus
- 9. Residual
- A. Frost boil¹ Use only if
- B. Seepage boil² formed origin
- C. Boulder field³ cannot be
- D. Gravel⁴ identified

- 49 SAMPLE TEXTURE
- 0. Organic muck
- 1. Fibrous, partly organic matter
- 2. Very sandy
- 3. Sandy
- 4. Sand-silt
- 5. Sand-silt-clay
- 6. Silt
- 7. Silt-clay
- 8. Clay
- 9. Gravel
- 50,51 TOP OF SAMPLE INTERVAL-CH
- 52-54 BOTTOM OF SAMPLE INTERVAL-CH
- 55,56 SOIL HORIZON
- LH. Leaf, humus layer, undecomposed vegetation lying on the ground surface (do not sample)
- 2A. Dark grey to black, organic-rich mineral horizon usually no deeper than 15 cm from the surface (do not sample)
- 2E. Grey to white (occasionally brown) leached mineral horizon near ground surface, usually sandy; accompanied by BF or BT horizon at depth (no not sample)
- 2H. Black, organic-rich mineral horizon at depths greater than 15 cm (do not sample)
- 2F. Red brown, iron-rich horizon
- 2T. Brown, clay-rich horizon
- 2S. Horizon which is water-saturated most of the year, identified by red brown nodules
- 2B. Brown horizon which is only slightly different in appearance from underlying parent material
- C1, C2, C3, etc.-Parent material for soil
- CA. White calcium carbonate precipitate in C horizon
- B1, B2, B3 etc.-Bog samples at various depths
- TF. Talus fines
- 57 SOIL TYPE
- C. Chernozem-prairie soil usually under grassland or meadow, thick Ah > 10cm, CA horizon at depth
- S. Solonchak-saline soil, high content of NaCl
- L. Luvisol-BF horizon diagnostic
- P. Podzol-BF horizon diagnostic
- B. Brunisol-BH horizon is only B horizon of profile
- R. Regosol-little or no soil development. No B soil horizon, only LH (maybe) and C horizon
- G. Gleysol-SG horizon diagnostic
- D. Organic soil-bog vegetation-no mineral matter

- 1-- INTRUSIVE ROCKS
- 1- QUARTZ RICH
- 1- Granite
- 2- Quartz monzonite
- 3- Granodiorite
- 4- Quartz diorite
- 2- INTERMEDIATE
- 1- Syenite
- 2- Monzonite
- 3- Diorite
- 4- Gabbro
- 3- FELDSPATHOID RICH
- 1- Nepheline syenite
- 2- Nepheline monzonite
- 4- ULTRABASIC
- 5- CARBONATITES
- 6- SPECIAL TYPES
- 1- Pegmatite
- 2- Aplite
- 3- Lamprophyre
- 4- Trap
- 5- Felsite
- 6- Intrusion breccia
- 7- Diabase

- LIST 2**
- 2-- VOLECANIC ROCKS
- 0- UNDIFFERENTIATED
- 1- BASALT
- 2- ANDESITE
- 3- DACITE
- 4- RHYOLITE
- 5- QUARTZ LATITE
- 6- LATITE
- 7- TRACHITE
- 8- PHOENOLITE
- 9- NEPHELINE LATITE
- 1- Fine grained flows
- 2- Prophyritic flows
- 3- Crystal tufts
- 4- Ash tufts
- 5- Lapilli tufts
- 6- Agglomerate
- 7- Lapilli breccia
- 8- Block breccia
- 9- Turbidite

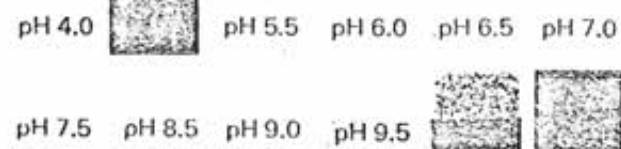
- LIST 3**
- 3-- SEDIMENTARY ROCKS
- 1- ARENACEOUS
- 1- Siltstone
- 2- Mudstone
- 3- Greywacke
- 4- Sandstone
- 5- Quartzite
- 6- Conglomerate
- 2- ARGILLACEOUS
- 1- Shale
- 2- Argillite
- 3- CALCAREOUS
- 1- Limestone
- 2- Dolomite
- 4- CHEMICAL PRECIPITATE
- 1- Chert
- 2- Marble
- 3- Iron formation

- LIST 4**
- 4-- METAMORPHIC ROCKS
- 1- FINE GRAINED CONTACT
- 2- PHANERITIC
- 1- Beta quartzite
- 2- Marble
- 3- Soapstone
- 4- Hornfels
- 5- Serpentine
- 6- Skarn
- 7- Amphibolite
- 8- Eclogite
- 3- MECHANICAL
- 1- Mylonite
- 2- Fliaser
- 3- Augen
- 4- Ultramylonite
- 4- SLATE
- 5- PHYLLITE
- 6- SCHIST
- 7- GNEISS
- 8- MICHAELITE
- 1- Granite
- 2- Monzonite
- 3- Granodiorite
- 4- Conglomerate
- 5- Sandstone
- 6- Augen
- 7- Granulite
- 8- Quartz diorite
- 9- Diorite
- 0- Amphibolite

STREAM SEDIMENTS

- 40 SAMPLE ENVIRONMENT
- 1. Next to bank
- 2. Behind boulders
- 3. Among roots below stream bank
- 4. Middle of stream
- 5. Among grass or reeds of creek bed
- 6. 3m in creek
- 7. In every wide, shallow creek
- 8. Base of slope
- 9. Composite across stream soil

- 41 PH
- 42 BEDROCK
- M. Mineralized
- P. Present within 100m-200m upslope
- D. Present within 100m-200m downslope
- B. Underlies sample site
- C. Gossan
- F. Fe surface stains
- K. Radioactivity
- 43 PH
- 44 PH
- 45 PH



LISTING OF GEOCHEMICAL SURVEY - RANGE CLAIMS

AUGUST 18, 1982

PART 1 PAGE 1

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni	
1				710031	364306	5396565						1	6	9	46	6	
2				711636	364904	5397478						1	9	14	49	10	
3				711637	364904	5397680						1	15	12	48	6	
4	10	82	529	D	710010	363952	5396966	93F03	4 E 1	5.8	21 0154	11	3 W	1	24	22 105 17	
5	10	82	529	D	710034	364572	5396573	93F03	9 E 1	7.0	7 154	21	3 N	5	28	28 121 19	
6	10	82	529	D	710037	364741	5396614	93F03	4 E 1	6.5	30 3 73R	BR	4NW	1	19	17 105 14	
7	10	82	529	D	710089	363122	5395928	93F03	4 E 1	7.8	00250104	L	D2	1	119	9 242 29	
8	10	82	529	D	* 711121	364009	5396897	93F03	9 L 9P	7.0	20 8 154L	11		1	32	30 96 14	
9	10	82	529	D	* 711122	364009	5396897	93F03	9 L 9P	7.0	20.8 154L	11		1	20	58 121 9	
10	10	82	529	D	711124	364026	5396897	93F03	9 L 9P	7.2	31.5 204	11		1	36	15 80 19	
11	10	82	529	D	711135	363413	5396933	93F03	9 L 9P	7.0	20.5 103	L44	4 N	3	62	88 685 45	
12	10	82	529	D	* 711179	364332	5396799	93F03	972L 9P	7.0	21 2 204	11	2 W	1	27	24 87 18	
13	10	82	529	D	* 711180	364332	5396800	93F03	972L 9P	7.0	21 2 204	11	2 W	1	25	22 88 18	
14	10	82	529	D	711214	362742	5396154	93F03	97 L 9B	7.5	20 6 154	12	6NW	1	115	10 191 45	
15	10	82	529	D	711216	362927	5396145	93F03	97 M 1P	7.0	20 6 104	L11	16NW	1	26	15 98 20	
16	10	82	529	D	711253	363089	5394718	93F03	9 M 1	7.5	20 3 104	L41	14SW	1	15	19 79 13	
17	10	82	529	D	711598	363385	5397544	93F03	9 M 1	7.0	32-0 255	11	12 N	1	26	25 134 17	
18	10	82	529	D	711617			3F03 6	L 9P7	.03	0 3 104	11	2 N	30	420	1640 9160 240	
19	10	82	529	D	711622			3F03 9	L 9P7	.03	2-0 305	11	9NW	10	240	170 910 190	
20	50	82	529	D	710001	363315	5397130	93F03	372E 1	710	15BFP	RBR	05S	15 N	2	8	13 287 14
21	50	82	529	D	710002	363216	5397129	93F03	272E 1	710	15BFP	MRBR	05S	15 N	3	14	16 286 14
22	50	82	529	D	710003	363118	5397130	93F03	272E 1	720	25BFP	MRBR	05S	15 N	4	13	13 541 20
23	50	82	529	D	710004	363014	5397127	93F03	372E 1P	615	25BFP	RBR	50A	45 N	18	46	27 831 30
24	50	82	529	D	710005	362914	5397127	93F03	372E 1P	410	15BFP	ORBR	50A	45 N	20	126	24 861 69
25	50	82	529	D	710006	362815	5397128	93F03	372E 1	410	15BFP	ORBR	30A	35 W	17	54	54 786 44
26	50	82	529	D	710007	362714	5397126	93F03	472E 1	410	15BFP	ORBR	15A	5 W	11	16	31 621 28
27	50	82	529	D	710008	362636	5397126	93F03	4H2E 1	7	BTL	LORBRP	3S	5 S	1	6	9 44 8
28	50	82	529	D	710009	363912	5396966	93F03	272E 1	410	15BFP	ORBR	20A	10SW	1	10	25 241 11
29	50	82	529	D	710011	364001	5396970	93F03	273E 1	825	30BTL	LBR	105	10 N	1	12	18 79 9
30	50	82	529	D	710012	364108	5396979	93F03	272E 1	850	60C2R	GR	3S	8 W	1	17	11 46 10
31	50	82	529	D	710013	364209	5396984	93F03	272E 1	845	50C2R	GR	5S	3 W	1	20	20 67 14
32	50	82	529	D	710014	364308	5396991	93F03	272E 1	815	20C1R	BRGR	2S	3 W	1	5	13 28 6
33	50	82	529	D	710015	364408	5396998	93F03	272E 1	815	20C1R	BRGR	15S	5 W	1	7	8 45 5
34	50	82	529	D	710016	364509	5397004	93F03	272E 1	810	15C1R	BRGR		3 W	1	8	17 72 10
35	50	82	529	D	710017	364603	5397044	93F03	272E 1	750	60BH	BL	5S	3 W	1	24	21 81 17
36	50	82	529	D	710018	364721	5397053	93F03	272E 1	810	15C1R	GR	60A	10SW	1	5	14 44 8
37	50	82	529	D	710019	364830	5397059	93F03	272E 1	815	20C1R	GR	40A	3 W	1	6	11 64 6
38	50	82	529	D	710020	363304	5396526	93F03	2 2E 1	408	12BFP	ORBR	D20A	5 W	1	10	22 171 17
39	50	82	529	D	710021	363304	5396527	93F03	2 2E 1	408	12BFP	MORBRD	20A	5 W	1	10	21 167 19
40	50	82	529	D	710022	363405	5396531	93F03	2 2E 1	415	20BFP	ORBRD	60A	10 W	2	26	41 352 33
41	50	82	529	D	710023	363506	5396535	93F03	2 2E 1	415	25BFP	ORBRD	40A	15 W	2	28	30 114 28
42	50	82	529	D	710024	363605	5396537	93F03	372E 1	415	20BFP	ORBR	5S	25S	1	7	17 76 16
43	50	82	529	D	710025	363705	5396545	93F03	672E 1	515	20BMB	MBR	10A	3NF	1	22	33 141 20
44	50	82	529	D	710026	363806	5396546	93F03	263E 1	015	25010	MBL	1S	2 E	1	32	5 42 14
45	50	82	529	D	710027	363906	5396549	93F03	663E 1	020	25BGG	DBR	2S	0	2	58	28 160 32
46	50	82	529	D	710028	364006	5396554	93F03	274E 1	845	55BTL	MGR	1S	3 W	1	18	21 89 12
47	50	82	529	D	710029	364106	5396558	93F03	272E 1	825	30BTL	GRBR	10A	4N	1	11	14 127 7
48	50	82	529	D	710030	364205	5396560	93F03	272E 1	525	30BFP	ORBR	10A	10NW	1	6	11 50 7
49	50	82	529	D	710032	364407	5396568	93F03	272E 1	420	25BFP	ORBR	15S	3 W	1	7	14 61 8
50	50	82	529	D	710033	364506	5396573	93F03	272E 1	410	15BFD	ORBR	10S	15 N	1	6	21 82 7
51	50	82	529	D	710035	364606	5396574	93F03	172E 1	510	15BFP	MORBR	10S	15IW	1	3	19 44 4
52	50	82	529	D	710036	364705	5396578	93F03	272E 1	410	15BFP	MORBR	15S	2W	1	7	10 83 6
53	50	82	529	D	710038	364840	5396620	93F03	272E 1	220	25BFP	RORBR	30S	3 W	2	7	15 74 7
54	50	82	529	D	710039	363202	5396532	93F03	5 2E 1	515	20BFP	LORBRD	30S	0	2	7	12 140 16

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLIPE	Mo	Cu	Pb	Zn	NI		
55	50	82	529	D	710040	363104	5396537	93F03	271E 1	410	15BFP	LORBRP35S	2SE	2	13	15	234	25
56	50	82	529	D	710041	363004	5396542	93F03	271E 1	410	15BFP	LORBR 40A	10 W	3	19	26	332	19
57	50	82	529	D	710042	363004	5396542	93F03	271E 1	410	15BFP	LORBR 40A	10 N	3	21	27	327	21
58	50	82	529	D	710043	362904	5396546	93F03	271E 1	410	15BFP	MORBR 30M	15 W	1	5	7	104	10
59	50	82	529	D	710044	362803	5396551	93F03	371E 1	410	15BFP	LBRP10S	25 W	1	11	11	122	9
60	50	82	529	D	710045	362702	5396554	93F03	371E 1	415	20BFP	MORBRP10A	30 W	6	20	14	210	15
61	50	82	529	D	710046	362602	5396559	93F03	2H1F 1	416	15BFP	MORBRP15S	15 W	3	7	14	131	7
62	50	82	529	D	710047	362570	5396465	93F03	2H1E 1	410	15BFP	LORBRP20M	20 W	3	16	10	64	15
63	50	82	529	D	710048	362674	5396461	93F03	371E 1	410	15BFP	MORBR 5S	30W	1	7	6	60	9
64	50	82	529	D	710049	362775	5396455	93F03	371E 1	410	15BFP	ORBRP10M	30W	1	5	10	188	12
65	50	82	529	D	710050	362875	5396450	93F03	271E 1	415	20BFP	MORBR 10S	15 W	3	7	11	223	15
66	50	82	529	D	710051	362974	5396445	93F03	271E 1	410	15BFP	MORBR 5S	10SW	2	10	14	101	28
67	50	82	529	D	710052	363075	5396439	93F03	2 E 1	410	15BFP	MORBRD20A	5 N	3	14	15	237	39
68	50	82	529	D	710053	363179	5396436	93F03	2H2E 1	410	15BMB	LBRD20S	5 W	3	16	17	204	33
69	50	82	529	D	710054	363302	5396428	93F03	2H2E 1	410	15BFP	MORBRD50S	10 W	2	23	29	266	52
70	50	82	529	D	710055	363374	5396421	93F03	3H2E 1	410	20BFP	MORBRD40S	25 W	1	12	14	109	21
71	50	82	529	D	710056	363471	5396426	93F03	372E 1	515	20BFP	MORBRD10S	30N	2	7	16	132	10
72	50	82	529	D	710057	363570	5396438	93F03	272E 1	420	25BFP	MORBR 5S	18N	1	6	18	94	8
73	50	82	529	D	710058	363668	5396445	93F03	272E 1	415	20BFP	ORBR 10S	15 N	2	13	26	158	19
74	50	82	529	D	710059	363769	5396451	93F03	273E 1	840	50BTL	MBR 0	10 N	2	26	19	103	17
75	50	82	529	D	710060	363867	5396458	93F03	272E 1	520	25BFP	MORBRP 5S	5 N	2	10	18	113	10
76	50	82	529	D	710061	363867	5396458	93F03	272E 1	520	25BFP	MORBRP 5S	5 N	2	8	19	94	8
77	50	82	529	D	710062	363972	5396459	93F03	372E 1	520	25BFP	MRBR 5S	40 N	1	9	20	77	11
78	50	82	529	D	710063	364070	5396461	93F03	273E 1	050	60020	DEL 0	8 N	1	89	23	108	20
79	50	82	529	D	710064	364174	5396457	93F03	372E 1	415	20BFP	LORBR 10S	25 N	1	13	23	103	12
80	50	82	529	D	710065	364273	5396455	93F03	372E 1	415	20BFP	LORBR 3S	25 N	1	6	14	48	5
81	50	82	529	D	710066	364373	5396456	93F03	272E 1	415	20BFP	MORBR 10S	3NE	1	5	16	62	4
82	50	82	529	D	710067	364475	5396462	93F03	27 E 1	510	15CIR	MGR 90S	3NW	1	6	21	40	5
83	50	82	529	D	710068	364594	5396466	93F03	672E 1	505	10BFP	MORBR 60S	3N	1	9	21	65	11
84	50	82	529	D	710069	364722	5396471	93F03	272E 1	415	20BFP	MORBR 70S	3NW	1	9	17	69	7
85	50	82	529	D	710070	364846	5396476	93F03	272E 1	415	20BFP	MORBR 15S	3 S	1	5	19	78	5
86	50	82	529	D	710071	364849	5395969	93F03	27 E 1	410	15BFP	MORBR 30S	5 N	1	7	18	94	9
87	50	82	529	D	710072	364747	5395966	93F03	272E 1	415	20BFP	MORBR 10A	5 E	1	6	20	74	6
88	50	82	529	D	710073	364645	5395964	93F03	272E 1	510	15BFP	MORBR 10S	8 E	1	7	14	83	7
89	50	82	529	D	710074	364546	5395962	93F03	272E 1	410	15BFP	LORBR 25A	7NE	1	5	18	71	7
90	50	82	529	D	710075	364445	5395959	93F03	271E 1	410	15BFP	MORBR 30A	5NE	1	8	20	81	8
91	50	82	529	D	710076	364347	5395955	93F03	272E 1	515	20BMB	LBR 20A	18N	1	5	23	48	5
92	50	82	529	D	710077	364246	5395953	93F03	272E 1	515	20BMB	MBR 20A	15 N	1	13	31	130	10
93	50	82	529	D	710078	364147	5395950	93F03	272E 1	30	40BGG	MGRBR 5A	4 N	1	11	25	84	11
94	50	82	529	D	710079	364046	5395947	93F03	67 E 1	415	20BFP	MORBR 75A	2 N	2	9	23	71	5
95	50	82	529	D	* 710080	363946	5395945	93F03	272E 1	515	20BTL	GRBR 40A	3NE	1	10	22	79	8
96	50	82	529	D	* 710081	363946	5395945	93F03	272E 1	515	20BTL	GRBR 40A	3NE	1	9	22	75	8
97	50	82	529	D	710082	363846	5395941	93F03	272E 1	420	25BFP	MORBR 15S	7 N	1	6	17	68	6
98	50	82	529	D	710083	363748	5395941	93F03	271E 1	405	10BFP	MORBR 15M	5 S	1	8	23	116	10
99	50	82	529	D	710084	363648	5395938	93F03	272E 1	410	20BFP	MORBRD20S	5 W	1	12	25	82	13
100	50	82	529	D	710085	363546	5395935	93F03	272E 1	405	10BFP	MORBRD 5S	7 W	1	11	21	144	13
101	50	82	529	D	710086	363447	5395932	93F03	2 2E 1	405	10BFP	MORBRD	7 W	1	14	23	89	13
102	50	82	529	D	710087	363344	5395930	93F03	2 2E 1	405	15BFP	DORBRD20M	7 N	1	8	19	145	12
103	50	82	529	D	710088	363173	5395929	93F03	272E 1	410	15BFP	MORBRD	5 W	1	75	35	571	56
104	50	82	529	D	710090	363063	5395929	93F03	2 2E 1	410	15BFP	MORBRD80A	2 N	1	34	19	258	18
105	50	82	529	D	710091	362971	5395930	93F03	2 2E 1	410	15BFP	MORBRD10S	3S	1	20	56	713	24
106	50	82	529	D	710092	362875	5395934	93F03	2 2E 1	410	15BFP	MORBRD85A	15 N	3	30	73	337	35
107	50	82	529	D	710093	362771	5395933	93F03	2 2E 1	10	15BFP	MORBRP85A	28 W	2	16	23	377	15
108	50	82	529	D	710094	362672	5395937	93F03	272E 1	515	25BFP	MORBR 30A	10 W	4	19	18	127	36

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni		
109	50	82	529	D	710095	362572	5395938	93F03	372F 1	510	15BFP	MORBRP45A	28 W	1	7	13	156	13
110	50	82	529	D	710096	362503	5395939	93F03	272F 1	425	30BFP	LORBRP65S	15 W	2	16	36	378	11
111	50	82	529	D	710097	362368	5395621	93F03	271E 1	410	15BFP	MORBRP20M	5 W	1	41	23	619	90
112	50	82	529	D	710098	362477	5395622	93F03	271E 1	410	15BFP	LORBR 20S	10 W	2	22	19	95	19
113	50	82	529	D	710099	362588	5395625	93F03	271E 1	445	55BMB	MBRP90M	10 W	3	14	11	110	13
114	50	82	529	D	* 710100	362699	5395627	93F03	371E 1	415	20BFP	MORBR 45A	25 W	2	16	17	189	54
115	50	82	529	D	* 710101	362699	5395627	93F03	271E 1	415	20BFP	MORBR 45A	25 W	2	20	16	187	55
116	50	82	529	D	710102	362809	5395629	93F03	371E 1	410	15BFP	MORBR 30A	35 W	2	54	233	1265	26
117	50	82	529	D	710103	362920	5395631	93F03	271E 1	415	20BFP	MORBR 10A	3 F	2	30	35	237	21
118	50	82	529	D	710104	363029	5395633	93F03	272E 1	415	20BFP	MORBR 50A	3 W	2	43	44	334	30
119	50	82	529	D	710105	363138	5395634	93F03	6 2E 1	515	20BFP	DORBRP25A	2 N	2	11	18	86	5
120	50	82	529	D	710106	363253	5395638	93F03	3 1E 1	400	10BFP	DORBRD15A	25 W	1	17	22	259	13
121	50	82	529	D	710107			3F03 2	E 1	4 00	10BFP	DORBRD15S	6 W	10	100	270	1980	90
122	50	82	529	D	710108			3F03 2	2E 1	4 10	15BFP	DORBRD15A	ONW	10	80	250	980	80
123	50	82	529	D	710109			3F03 2	2E 1	5 10	15BMB	MBRP25A	5NW	10	180	410	6920	100
124	50	82	529	D	710110			3F03 2	72E 1	5 15	20BFP	MORBR 15A	5 W	10	90	150	460	90
125	50	82	529	D	710111			3F03 2	72E 1	5 15	20BFP	LORBR 20A	5 W	10	70	240	1030	50
126	50	82	529	D	710112			3F03 2	72E 1	5 20	25BFP	DORBR 5A	3 W	20	70	240	890	50
127	50	82	529	D	710113			3F03 2	72E 1	5 15	20BMB	LBR 3A	2 W	10	40	240	540	40
128	50	82	529	D	710114			3F03 2	72E 1	5 15	20BMB	LBR 3A	3 E	10	110	170	660	100
129	50	82	529	D	710115	364183	5395736	93F03	272E 1	515	20BFP	MORBR 10S	5 N	1	10	32	154	12
130	50	82	529	D	710116	364291	5395743	93F03	272E 1	550	60BFP	MORBR 20M	5 S	1	4	15	50	4
131	50	82	529	D	710117	364412	5395750	93F03	272E 1	275	25BFP	MORBR 10S	5 S	1	9	34	150	8
132	50	82	529	D	710118	364522	5395757	93F03	372E 1	525	35BFP	MORBR 10S	30SE	1	9	27	68	10
133	50	82	529	D	710119	363389	5395633	93F03	2 2E 1	410	15BFP	MORBRD15A	15 W	1	9	20	95	11
134	50	82	529	D	* 710120	363492	5395639	93F03	2 2E 1	515	20BMB	LBRD15M	10NW	1	15	33	82	14
135	50	82	529	D	* 710121	363492	5395639	93F03	2 2E 1	515	20BMB	LBRD15M	10NW	1	16	29	90	14
136	50	82	529	D	710122	363589	5395645	93F03	672E 1	515	20BFP	MORBR 10M	0	1	6	9	121	6
137	50	82	529	D	710123	363689	5395650	93F03	172E 1	515	20BFP	DORBR 5M	35SW	1	14	33	433	14
138	50	82	529	D	710124	363790	5395654	93F03	271E 1	415	20BFP	MORBR 25M	4 W	3	13	83	178	5
139	50	82	529	D	710125	363889	5395662	93F03	272E 1	460	70BMB	LBR 15M	3 W	1	10	29	157	10
140	50	82	529	D	710126	363992	5395667	93F03	272E 1	510	15BFP	DORBR 20M	10 W	1	6	26	127	8
141	50	82	529	D	710127	364090	5395675	93F03	271E 1	415	20BFP	MORBR 20M	5SW	1	3	17	47	5
142	50	82	529	D	710128	364178	5395704	93F03	672E 1	420	25BFP	MORBR 20A	3NW	1	8	19	120	8
143	50	82	529	D	710129	364287	5395712	93F03	272E 1	415	20BMB	LBR 50R	7 E	1	10	46	88	9
144	50	82	529	D	710130	364397	5395719	93F03	272E 1	520	30BFP	MORBR 25S	10S	1	15	27	159	15
145	50	82	529	D	710131	364508	5395728	93F03	272E 1	520	30BFP	DORBR 20M	5 E	1	9	19	109	9
146	50	82	529	D	710132	364618	5395735	93F03	272E 1	430	40BFP	MORBR 10S	5 E	1	13	17	65	15
147	50	82	529	D	710133	364746	5395745	93F03	272E 1	515	70BMB	LBR 10M	2 E	1	5	14	90	6
148	50	82	529	D	710134	364837	5395752	93F03	272E 1	415	20BFP	MORBR 10S	5 E	1	7	12	50	8
149	50	82	529	D	710135	364632	5395764	93F03	272E 1				5 E	2	28	72	103	16
150	50	82	529	D	710136	364742	5395771	93F03	272E 1	520	30BFP	MORBR 20A	8 E	1	7	18	106	8
151	50	82	529	D	710137	364851	5395777	93F03	272E 1	515	20BFP	DORBR 10M	5 E	1	10	11	56	9
152	50	82	529	D	711101			3F03 3	72L 9B	6 25	35BFP	BR 5S	4 N	20	110	110	1570	110
153	50	82	529	D	711102			3F03 2	72L 9B	6 15	25BFP	BR 5S	9 E	10	100	110	2370	140
154	50	82	529	D	711103	363210	5396938	93F03	272L 9B	420	30BFP	RB 30S	18 N	3	13	33	509	11
155	50	82	529	D	711104	363111	5396948	93F03	372L 9B	440	70BFP	RB 15S	24 N	7	19	14	419	26
156	50	82	529	D	711105	363012	5396958	93F03	372L 9B	415	30BFP	RB 30A	22NW	9	17	11	798	15
157	50	82	529	D	711106	362914	5396968	93F03	372L 9B	615	30BFP	RB 80A	36NW	9	51	7	630	11
158	50	82	529	D	711107	362812	5396976	93F03	372L 9B	4 5	15BFP	ORBR 40A	44 W	34	116	24	1192	88
159	50	82	529	D	711108	362712	5396989	93F03	372L 9P	430	45BFP	RB 40S	33 W	7	37	15	232	25
160	50	82	529	D	711109	362709	5396906	93F03	372L 1P	415	30BFP	RB 20A	31 W	9	24	12	433	28
161	50	82	529	D	711110	362809	5396899	93F03	372L 1D	410	25BMB	GYBR L25S	26NW	3	15	11	236	15
162	50	82	529	D	711111	362909	5396892	93F03	372L 9B	415	35BFP	RB 10A	28 W	3	22	17	359	22

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni		
109	50	82	529	D	710095	362572	5395938	93F03	372F 1	510	15BFP	MORBRP45A	28 W	1	7	13	156	13
110	50	82	529	D	710096	362503	5395939	93F03	272F 1	425	30BFP	LORBRP65S	15 W	2	16	36	378	11
111	50	82	529	D	710097	362368	5395621	93F03	271E 1	410	15BFP	MORBRP20M	5 W	1	41	23	619	90
112	50	82	529	D	710098	362477	5395622	93F03	271E 1	410	15BFP	LORBR 20S	10 W	2	22	19	99	19
113	50	82	529	D	710099	362588	5395625	93F03	271E 1	445	55BMB	MBRP90M	10 W	3	14	11	110	13
114	50	82	529	D	* 710100	362699	5395627	93F03	371E 1	415	20BFP	MORBR 45A	25 W	2	16	17	189	54
115	50	82	529	D	* 710101	362699	5395627	93F03	271E 1	415	20BFP	MORBR 45A	25 W	2	20	16	187	55
116	50	82	529	D	710102	362809	5395629	93F03	371E 1	410	15BFP	MORBR 30A	35 W	2	54	233	1265	26
117	50	82	529	D	710103	362920	5395631	93F03	271E 1	415	20BFP	MORBR 10A	3 F	2	30	35	237	21
118	50	82	529	D	710104	363029	5395633	93F03	272E 1	415	20BFP	MORBR 50A	3 W	2	43	44	334	30
119	50	82	529	D	710105	363138	5395634	93F03	6 2E 1	515	20BFP	DORBRP25A	2 N	2	11	18	86	5
120	50	82	529	D	710106	363253	5395638	93F03	3 1E 1	400	10BFP	DORBRD15A	25 W	1	17	22	259	13
121	50	82	529	D	710107			3F03 2	E 1	4 00	10BFP	DORBRD15S	6 W	10	100	270	1980	90
122	50	82	529	D	710108			3F03 2	E 1	4 10	15BFP	DORBRD15A	ONW	10	80	250	980	80
123	50	82	529	D	710109			3F03 2	2E 1	5 10	15BMB	MBRP25A	5NW	10	180	410	6920	100
124	50	82	529	D	710110			3F03 2	72E 1	5 15	20BFP	MORBR 15A	5 W	10	90	150	460	90
125	50	82	529	D	710111			3F03 2	72E 1	5 15	20BFP	LORBR 20A	5 W	10	70	240	1030	50
126	50	82	529	D	710112			3F03 2	72E 1	5 20	25BFP	DORBR 5A	3 W	20	70	240	890	50
127	50	82	529	D	710113			3F03 2	72E 1	5 15	20BMB	LBR 3A	2 W	10	40	240	540	40
128	50	82	529	D	710114			3F03 2	72E 1	5 15	20BMB	LBR 3A	3 E	10	110	170	660	100
129	50	82	529	D	710115	364183	5395736	93F03	272E 1	515	20BFP	MORBR 10S	5 N	1	10	32	154	12
130	50	82	529	D	710116	364291	5395743	93F03	272E 1	550	60BFP	MORBR 20M	5 S	1	4	15	50	4
131	50	82	529	D	710117	364412	5395750	93F03	272E 1	275	25BFP	MORBR 10S	5 S	1	9	34	150	8
132	50	82	529	D	710118	364522	5395757	93F03	372E 1	525	35BFP	MORBR 10S	30SE	1	9	27	68	10
133	50	82	529	D	710119	363389	5395633	93F03	2 2E 1	410	15BFP	MORBRD15A	15 W	1	9	20	95	11
134	50	82	529	D	* 710120	363492	5395639	93F03	2 2E 1	515	20BMB	LBRD15M	10NW	1	15	33	82	14
135	50	82	529	D	* 710121	363492	5395639	93F03	2 2E 1	515	20BMB	LBRD15M	10NW	1	16	29	90	14
136	50	82	529	D	710122	363589	5395645	93F03	672E 1	515	20BFP	MORBR 10M	0	1	6	9	121	6
137	50	82	529	D	710123	363689	5395650	93F03	172E 1	515	20BFP	DORBR 5M	35SW	1	14	33	433	14
138	50	82	529	D	710124	363790	5395654	93F03	271E 1	415	20BFP	MORBR 25M	4 W	3	13	83	178	5
139	50	82	529	D	710125	363889	5395662	93F03	272E 1	460	70BMB	LBR 15M	3 W	1	10	29	157	10
140	50	82	529	D	710126	363992	5395667	93F03	272E 1	510	15BFP	DORBR 20M	10 W	1	6	26	127	8
141	50	82	529	D	710127	364090	5395675	93F03	271E 1	415	20BFP	MORBR 20M	5SW	1	3	17	47	5
142	50	82	529	D	710128	364178	5395704	93F03	672E 1	420	25BFP	MORBR 20A	3NW	1	8	19	120	8
143	50	82	529	D	710129	364287	5395712	93F03	272E 1	415	20BMB	LBR 50R	7 E	1	10	46	88	9
144	50	82	529	D	710130	364397	5395719	93F03	272E 1	520	30BFP	MORBR 25S	10S	1	15	27	159	15
145	50	82	529	D	710131	364508	5395728	93F03	272E 1	520	30BFP	DORBR 20M	5 E	1	9	19	109	9
146	50	82	529	D	710132	364618	5395735	93F03	272E 1	430	40BFP	MORBR 10S	5 E	1	13	17	65	15
147	50	82	529	D	710133	364746	5395745	93F03	272E 1	515	70BMB	LBR 10M	2 E	1	5	14	90	6
148	50	82	529	D	710134	364837	5395752	93F03	272E 1	415	20BFP	MORBR 10S	5 E	1	7	12	50	8
149	50	82	529	D	710135	364632	5395764	93F03	272E 1	5 E	2	28	72	103	16			
150	50	82	529	D	710136	364742	5395771	93F03	272E 1	520	30BFP	MORBR 20A	8 E	1	7	18	106	8
151	50	82	529	D	710137	364851	5395777	93F03	272E 1	515	20BFP	DORBR 10M	5 E	1	10	11	56	9
152	50	82	529	D	711101			3F03 3	72L 9B	6 25	35BFP	BR 5S	4 N	20	110	110	1570	110
153	50	82	529	D	711102			3F03 2	72L 9B	6 15	25BFP	BR 5S	9 E	10	100	110	2370	140
154	50	82	529	D	711103	363210	5396938	93F03	272L 9B	420	30BFP	RB 30S	18 N	3	13	33	509	11
155	50	82	529	D	711104	363111	5396948	93F03	372L 9B	440	70BFP	RB 15S	24 N	7	19	14	419	26
156	50	82	529	D	711105	363012	5396958	93F03	372L 9B	415	30BFP	RB 30A	22NW	9	17	11	798	15
157	50	82	529	D	711106	362914	5396968	93F03	372L 9B	615	30BFP	RB 80A	36NW	9	51	7	630	11
158	50	82	529	D	711107	362812	5396976	93F03	372L 9B	4 5	15BFP	ORBR 40A	44 W	34	116	24	1192	88
159	50	82	529	D	711108	362712	5396989	93F03	372L 9P	430	45BFP	RB 40S	33 W	7	37	15	232	25
160	50	82	529	D	711109	362709	5396906	93F03	372L 1P	415	30BFP	RB 20A	31 W	9	24	12	433	28
161	50	82	529	D	711110	362809	5396899	93F03	372L 1D	410	25BMB	GYBR L25S	26NW	3	15	11	236	15
162	50	82	529	D	711111	362909	5396892	93F03	372L 9B	415	35BFP	RB 10A	28 W	3	22	17	359	22

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni	
163	50	82	529	D	711112	363010	5396884	93F03	372L 9B	410 25BFP	RB 70A	35 W	16	172	16	941	57
164	50	82	529	D	711113	363112	5396875	93F03	272L 9B	415 30BFP	RB 30A	14 W	2	15	16	560	14
165	50	82	529	D	711114	363211	5396870	93F03	272L 9B	4 5 15BFP	ORBR 40A	10SE	2	22	15	514	42
166	50	82	529	D	711115	363310	5396859	93F03	372L 9P	415 25BFP	RB L25A	29SE	2	13	23	733	25
167	50	82	529	D	711116	363410	5396839	93F03	372L 9P	415 30BFP	RB L10S	26 E	1	9	19	149	15
168	50	82	529	D	711117	363510	5396849	93F03	272L 9B	415 25BMB	OLBR L15S	17NW	1	12	12	98	20
169	50	82	529	D	711118	363610	5396858	93F03	273L 9B	4 5 15BFP	RB L80A	8 W	2	60	79	239	17
170	50	82	529	D	711119	363710	5396867	93F03	272L 9B	415 25BMB	BR 60A	4 N	2	7	37	113	8
171	50	82	529	D	711120	363910	5396887	93F03	272L 9B	415 30BFP	RB 40A	2 N	1	6	14	104	9
172	50	82	529	D	711123	364009	5396897	93F03	672L 9P	525 35BTL	BR 10S		1	31	20	85	18
173	50	82	529	D	711125	364108	5396905	93F03	372L 9B	410 25BMB	GYBR 15S	24SW	1	21	24	91	19
174	50	82	529	D	711126	364207	5396916	93F03	272L 9B	415 25BFP	BR 50A	12SW	1	11	22	99	12
175	50	82	529	D	711127	364308	5396924	93F03	272L 9B	415 30BFP	BR 40S	6 W	1	11	14	79	11
176	50	82	529	D	711128	364407	5396935	93F03	272L 9B	415 25CIR	GYBR 75A	8SW	1	13	9	66	12
177	50	82	529	D	711129	364507	5396944	93F03	272L 9B	515 30BTL	GYBR 60A	5SW	1	7	13	54	8
178	50	82	529	D	711130	364606	5396954	93F03	272L 9P	515 30BTL	GYBR 50S	7SW	1	15	19	99	14
179	50	82	529	D	711131	364706	5396963	93F03	272L 9B	415 25BMB	GYBR 20S	4SW	1	5	14	36	5
180	50	82	529	D	711132	364807	5396973	93F03	272L 9B	410 20CIR	Y 25S	4 W	1	5	12	49	6
181	50	82	529	D	711133	364857	5396977	93F03	272L 9B	520 35BTL	BR 15S	6SW	1	5	11	33	6
182	50	82	529	D	711134	363311	5396927	93F03	372L 1P	410 25BFP	RB	23SE	2	10	12	262	19
183	50	82	529	D	711136	363513	5396940	93F03	772L 9B	4 5 15BFP	RB 90A		2	10	219	296	5
184	50	82	529	D	711137	363613	5396946	93F03	272L 9B	4 5 20BFP	RB L85A	7NW	2	5	14	52	2
185	50	82	529	D	* 711138	363712	5396953	93F03	272L 9B	425 35BFP	RB 30A	10NE	1	5	13	78	8
186	50	82	529	D	* 711139	363712	5396953	93F03	272L 9B	425 35BFP	RB 30A	10NE	1	5	11	80	8
187	50	82	529	D	711140	363811	5396958	93F03	772L 9B	410 15BFP	RB 75A		1	7	29	217	11
188	50	82	529	D	711141	362707	5396783	93F03	372M 9B	415 30BFP	RB 10S	36 W	14	50	23	831	41
189	50	82	529	D	711142	362808	5396776	93F03	372L 9B	415 25BFP	BR 15S	32 W	2	20	13	376	20
190	50	82	529	D	711143	362908	5396765	93F03	372L 9B	415 25BFP	RB 30A	30 W	10	22	15	652	54
191	50	82	529	D	711144	363009	5396757	93F03	272L 9B	410 25BFP	RB 10A	12 S	2	9	12	395	20
192	50	82	529	D	711145	363109	5396747	93F03	272M 9	4 5 15BFP	RB L 5S	10SE	1	13	15	793	14
193	50	82	529	D	711146	363209	5396740	93F03	272M 1P	410 30BRP	RB L15S	3SE	1	14	9	632	14
194	50	82	529	D	711147	363308	5396728	93F03	272M 1P	410 30BFP	ORRB L15S	6SE	1	11	13	121	16
195	50	82	529	D	711148	363408	5396736	93F03	272M 1P	430 45BFP	ORRB L25S	14NW	1	13	15	134	30
196	50	82	529	D	711149	363518	5396745	93F03	674M 1P	410 25BFP	ORBR L10S		1	17	20	151	32
197	50	82	529	D	711150	363607	5396750	93F03	272M 1P	415 30BFP	RB L20S	14 W	1	6	18	115	7
198	50	82	529	D	711151	363708	5396759	93F03	772L 9B	410 15BFP	RORBR 50A		2	10	16	113	15
199	50	82	529	D	711152	363808	5396765	93F03	272L 9B	420 35BFP	ORBR 20S	4 W	1	9	19	102	11
200	50	82	529	D	711153	363907	5396772	93F03	372L 9B	425 40BFP	RORBR 25S	35NW	1	7	16	76	8
201	50	82	529	D	711154	364007	5396780	93F03	272L 9	530 40BMB	GY 15S	8 N	1	15	23	98	10
202	50	82	529	D	711155	364106	5396785	93F03	672L 1	315 30BMB	BR 25S		1	8	10	58	8
203	50	82	529	D	711156	364207	5396791	93F03	272L 9B	430 45BFP	ORBR 45S	16NW	1	6	14	80	6
204	50	82	529	D	711157	364307	5396800	93F03	272L 9B	525 30BTL	BR 10S	7 N	1	18	14	145	9
205	50	82	529	D	711158	362734	5396316	93F03	272L 9B	425 35BFP	RB 25S	8 W	2	6	15	171	15
206	50	82	529	D	711159	362834	5396318	93F03	272L 9B	415 25BFP	RB 20A	10 W	1	11	12	262	16
207	50	82	529	D	711160	362933	5396320	93F03	272L 9B	410 20BFP	ORBR 15S	16 W	1	7	16	147	19
208	50	82	529	D	711161	363035	5396323	93F03	272L 9B	410 15BFP	ORRB L75A	3 W	1	13	16	290	28
209	50	82	529	D	* 711162	363149	5396323	93F03	772M 1P	415 25BFP	RB L15S		1	16	23	86	23
210	50	82	529	D	* 711163	363149	5396323	93F03	772M 1P	415 25BFP	RB L15S		1	17	24	85	23
211	50	82	529	D	711164	363235	5396327	93F03	372L 9B	415 35BFP	RB 40A	24NW	1	22	36	218	21
212	50	82	529	D	711165	363272	5396342	93F03	372M 1P	415 25BFP	RB 20S	22NW	1	7	16	160	10
213	50	82	529	D	711166	363371	5396349	93F03	272L 9D	425 35BMB	OLBR L15S	11NW	1	8	11	84	9
214	50	82	529	D	711167	363468	5396358	93F03	772L 9B	4 5 15BFP	RORBR 10A		1	13	20	239	18
215	50	82	529	D	711168	363570	5396366	93F03	372L 9	430 45BFP	ORBR 25A	21NE	1	9	37	273	14
216	50	82	529	D	711169	363672	5396373	93F03	372L 9	430 40BFP	ORBR 10S	24NE	1	13	23	125	17

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPF	Mo	Cu	Pb	Zn	Ni			
217	50	82	529	D	711170	363871	5396390	93F03	272L 9	525	40BTL	BR	5S	12NE	1	7	11	79	6
218	50	82	529	D	711171	363771	5396382	93F03	272U	525	35BTL	BR	5S	9NE	1	16	28	147	15
219	50	82	529	D	711172	363970	5396395	93F03	272U	425	35BMB	BR	40S	12NE	1	15	31	213	14
220	50	82	529	D	711173	364065	5396386	93F03	272L 9	420	30BFP	RB	10S	5 N	1	7	19	67	6
221	50	82	529	D	711174	364168	5396374	93F03	372L 9P	415	30BFP	RB	25S	24 N	3	21	71	326	9
222	50	82	529	D	711175	364261	5396366	93F03	372L 9B	420	30BFP	RB	40A	26 N	1	7	22	71	9
223	50	82	529	D	711176	364327	5396358	93F03	272L 9B	415	35BFP	YEORB	15S	14NE	1	6	22	85	5
224	50	82	529	D	711177	364408	5396350	93F03	672L 9P	415	25BFP	RB	15S	20SE	1	7	16	122	8
225	50	82	529	D	711178	364506	5396352	93F03	272L 9B	410	15BFP	ORRB	10S	5SW	1	11	21	81	10
226	50	82	529	D	711181	364428	5396809	93F03	372L 9B	520	30BTL	BR	10S	34 N	1	12	16	57	10
227	50	82	529	D	711182	364527	5396816	93F03	272L 9	415	30BMB	RB	15S	18SW	1	18	23	99	17
228	50	82	529	D	711183	364609	5396855	93F03	272L 9B	415	25BFP	RB	20S	15SW	1	15	26	106	14
229	50	82	529	D	711184	364724	5396862	93F03	272V	420	30BFP	RB	10S	6SW	1	8	16	80	9
230	50	82	529	D	711185	364834	5396867	93F03	272L 9B	515	25BFP	RB	10S	4SW	1	18	26	107	15
231	50	82	529	D	711186	364881	5396092	93F03	673U	425	35BFP	ORBR	15S		1	13	20	83	11
232	50	82	529	D	711187	364781	5396089	93F03	272L 9B	415	25BFP	RB	25S	11NE	1	7	16	48	6
233	50	82	529	D	711188	364680	5396088	93F03	272L 9B	515	30CIR	GYBR	35S	14NE	1	4	19	46	5
234	50	82	529	D	711189	364582	5396081	93F03	272L	425	30BFP	RB	25S	9NE	1	10	27	53	6
235	50	82	529	D	711190	364481	5396078	93F03	272L	415	25BFP	RB	25S	15 N	1	11	23	103	9
236	50	82	529	D	711191	364381	5396073	93F03	272L 9B	415	25BFP	RB	15S	8NE	1	13	29	103	8
237	50	82	529	D	711192	364281	5396069	93F03	272L	410	20BFP	ORBR	20S	6NE	1	6	37	86	4
238	50	82	529	D	711193	363295	5396029	93F03	272L 9P	415	25BFP	RB	L60A	4 W	3	177	60	4251	124
239	50	82	529	D	711194	363399	5396035	93F03	372L 9P	410	20BFP	RB	15S	20 W	1	10	20	243	17
240	50	82	529	D	711195	363500	5396039	93F03	373L 9P	410	20BFP	RB	25A	27 W	1	10	18	303	10
241	50	82	529	D	711196	362756	5396046	93F03	372L 9B	415	25BFP	RB	70A	23NW	3	82	48	487	95
242	50	82	529	D	711197	362855	5396041	93F03	272L 9P	420	30BFP	RB	L40S	3NW	2	26	69	338	16
243	50	82	529	D	711198	362955	5396040	93F03	372M 1B	410	15BFP	ORBR	L50S	28 W	1	25	26	150	14
244	50	82	529	D	711199	363057	5396037	93F03	272L 9P	4 5	15BFP	RB	L15A		1	16	22	330	18
245	50	82	529	D *	711200	363156	5396035	93F03	272L 9P	410	20BFP	RB	L10S	17 W	1	15	22	262	30
246	50	82	529	D *	711201	363156	5396035	93F03	272L 9P	410	20BFP	RB	L10S	12 W	1	13	24	243	26
247	50	82	529	D	711202	363255	5396031	93F03	272L 9B	410	15BFP	RR	L30A		2	51	54	836	122
248	50	82	529	D	711203	363600	5396041	93F03	272L 9	415	30BFP	RORBR	10A	12SW	1	12	26	112	15
249	50	82	529	D	711204	363702	5396048	93F03	172L 9B	4 5	10BFP	RB			1	48	21	160	13
250	50	82	529	D	711205	363800	5396049	93F03	272L 9B	410	20BMB	BR	20S	6 N	1	9	29	71	9
251	50	82	529	D	711206	363899	5396054	93F03	272L 9B	510	15CIR	GYBR	30S	2NE	2	7	26	123	5
252	50	82	529	D	711207	363999	5396058	93F03	672L	515	30CIR	GYBR	10S		1	6	14	54	7
253	50	82	529	D	711208	364102	5396063	93F03	372L 9B	515	25BFP	RB	10S	30NW	1	11	25	94	11
254	50	82	529	D	711209	364202	5396067	93F03	672L 9B	510	15CIR	Y	80A		1	2	11	18	1
255	50	82	529	D	711210	363274	5396143	93F03	372L 9B	4 5	25BFP	RB	L40A	20NW	1	8	28	135	19
256	50	82	529	D	711211	362540	5396160	93F03	272L 9P	415	25BFP	RB	5S	4NW	1	7	10	133	13
257	50	82	529	D	711212	362642	5396158	93F03	272M 1	410	20BFP	RB	20S	12NW	1	16	13	156	25
258	50	82	529	D	711213	362735	5396154	93F03	272L 9B	415	25CIR	BR	40S	6NW	1	35	17	390	31
259	50	82	529	D	711215	362845	5396149	93F03	372M 1P	415	25BFP	ORBR	25S	29NW	1	15	28	188	14
260	50	82	529	D	711217	362943	5396144	93F03	372M 1P	410	20BFP	RB	L30S	35SW	1	11	22	142	17
261	50	82	529	D	711218	363043	5396140	93F03	272M 1P	415	30BFP	RB	L15S	10 W	1	7	20	175	13
262	50	82	529	D	711219	363143	5396137	93F03	372L 1P	4 5	15BFP	RB	L35S	23 W	1	7	15	129	10
263	50	82	529	D	711220	363240	5396131	93F03	272L 9P	6 5	15BFP	RB	L80A	4 W	3	17	38	371	17
264	50	82	529	D	711221	363241	5396131	93F03	272L 9P	4 5	15BFP	RB	L80A	4 W	2	25	27	367	20
265	50	82	529	D	711222	363376	5396146	93F03	272L 9D	410	20BFP	RB		6 W	1	4	18	109	10
266	50	82	529	D	711223	363473	5396154	93F03	272L 9B	415	25BFP	RB	35S	16 W	1	12	27	117	18
267	50	82	529	D	711224	363573	5396160	93F03	272L 9B	410	20BFP	RB	75A	17 W	1	7	17	100	11
268	50	82	529	D	711225	363672	5396169	93F03	272L 9B	430	40BFP	RB	30S	15 N	1	9	13	102	11
269	50	82	529	D	711226	363773	5396178	93F03	372L 9	415	25BFP	RB	20S	29 N	1	10	22	101	11
270	50	82	529	D	711227	363872	5396187	93F03	372L 9B	410	30BFP	RB	10S	21 N	1	7	25	122	9

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS		pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni	
271	50	82	529	D	711228	363973	5396196	93FO3	272L 9P	415 30BFP	RB	15S	2 N	1	7	10	71	7
272	50	82	529	D	711229	364067	5396212	93FO3	272L 9P	410 20BFP	RB	10S	15 N	1	6	14	78	6
273	50	82	529	D	711230	364168	5396227	93FO3	272L 9B	410 25BFP	RB	10S	9 N	1	6	14	73	9
274	50	82	529	D	711231	364269	5396242	93FO3	272L 9	420 30BFP	ORBR	10S	4 N	1	7	22	90	8
275	50	82	529	D	711232	364368	5396258	93FO3	272L 9B	420 35BFP	RB	10S	6 N	1	4	31	52	6
276	50	82	529	D	711233	364466	5396274	93FO3	272L 9B	425 35BFP	ORBR	10S	9 E	1	6	17	83	8
277	50	82	529	D	711234	364564	5396291	93FO3	272L 9B	420 30BFP	ORBR	15S	7 E	1	18	27	97	9
278	50	82	529	D	711235	363373	5394728	93FO3	272L 9	420 30BFP	RB	20S	12 W	1	5	16	83	5
279	50	82	529	D	711236	363474	5394733	93FO3	772L 9	515 30BTL	GYBR	5S		1	6	7	29	6
280	50	82	529	D	711237	363575	5394738	93FO3	272L 9	415 30BFP	RB	5S	3 W	1	8	9	56	10
281	50	82	529	D	711238	363675	5394743	93FO3	272L 9	410 20BFP	RB	10S	18 E	1	6	13	84	8
282	50	82	529	D	711239	363773	5394748	93FO3	272L 9	410 15BFP	BR	25S	10SE	1	10	14	67	11
283	50	82	529	D	* 711240	363873	5394753	93FO3	272L 9	420 35BFP	RB	5S	6 E	1	7	7	51	8
284	50	82	529	D	* 711241	363873	5394753	93FO3	272L 9	415 25BFP	RB	5S	6 E	1	5	6	40	7
285	50	82	529	D	711242	363975	5394757	93FO3	272L 9P	410 15BFP	RB	25S	15 W	1	10	15	72	8
286	50	82	529	D	711243	364074	5394762	93FO3	372L 9B	410 30BFP	RORBR	25A	22SE	1	9	17	71	11
287	50	82	529	D	711244	364175	5394767	93FO3	272L 9P	410 20BFP	RORBR	20S	8SE	1	13	14	85	16
288	50	82	529	D	711245	364273	5394772	93FO3	272L 9P	415 25BMP	ORBR	20S	9SE	1	6	12	59	8
289	50	82	529	D	711246	364373	5394778	93FO3	272L 9	510 25BMB	BR	15S	6 S	1	11	18	52	8
290	50	82	529	D	711247	364473	5394780	93FO3	273L 9	830 45BTL	BRBK		2SW	1	20	17	78	13
291	50	82	529	D	711248	364574	5394814	93FO3	272L 9	410 20BFP	ORBR	15S	4 W	1	5	10	45	6
292	50	82	529	D	711249	364684	5394822	93FO3	272L 9	420 30BFP	RORBR	30S	4 W	1	7	10	59	7
293	50	82	529	D	711250	364794	5394828	93FO3	772L 9B	515 30CIR	GYBR	15S		1	3	9	18	3
294	50	82	529	D	711251	364886	5394834	93FO3	172L 9	410 20BFP	RB	5S		1	5	10	68	5
295	50	82	529	D	711252	363175	5394719	93FO3	272L 9	415 25BFP	RORBR	5S	15 W	1	5	15	60	7
296	50	82	529	D	711254	363074	5394717	93FO3	372L 1	410 20BMP	OLBR	L 5S	22 W	1	9	14	87	12
297	50	82	529	D	711255	362974	5394715	93FO3	272L 1	410 20BFP	ORBR	L 5S	14 W	1	13	22	103	13
298	50	82	529	D	711256	362874	5394716	93FO3	272M 4	420 35BMB	YEBR	L 5S	6 W	1	8	11	36	8
299	50	82	529	D	711257	362772	5394713	93FO3	272L 1	4 5 10BFP	RB	L 5S	8 W	3	7	14	61	9
300	50	82	529	D	711258	362672	5394712	93FO3	272L 1	4 5 20BFP	RORBR	L 10S	2 W	1	5	15	137	11
301	50	82	529	D	711259	362572	5394709	93FO3	272L 1	410 20BFP	ORBR	L 10S	8 W	1	7	15	51	9
302	50	82	529	D	* 711260	362472	5394708	93FO3	272L 1	410 25BFP	RB	L 10S	8 W	2	5	17	138	9
303	50	82	529	D	* 711261	362472	5394708	93FO3	272L 1	410 20BFP	RB	L 10S	8 W	1	6	15	101	10
304	50	82	529	D	711262	362373	5394707	93FO3	372L 9P	410 15BFP	RB	L 75A	10NW	2	14	17	442	9
305	50	82	529	D	711263	362274	5394705	93FO3	772L 9P	410 20BFP	RB	L 5S		1	4	15	107	7
306	50	82	529	D	711264	362174	5394701	93FO3	772L 9P	415 45BTL	BR	L 10S		2	19	41	155	14
307	50	82	529	D	711265	363258	5393819	93FO3	272L 9	415 25BFP	RB	20S	5 W	5	10	50	292	14
308	50	82	529	D	711266	363159	5393826	93FO3	372L 9	410 15BFP	RB	10A	20SW	1	5	26	140	12
309	50	82	529	D	711267	363059	5393831	93FO3	772L 9	425 35BFP	ORBR	30S		2	12	25	291	20
310	50	82	529	D	711268	362958	5393838	93FO3	272M 1	415 30BMP	ORBR	35S	7SW	1	7	12	129	9
311	50	82	529	D	711269	362862	5393843	93FO3	272L 9	415 35BMB	BR	5S	8SW	1	6	8	32	6
312	50	82	529	D	711270	362760	5393851	93FO3	472L 9	520 35BFP	RB	35A	11 W	1	7	11	46	8
313	50	82	529	D	711271	362658	5393854	93FO3	472L 9	420 30BFP	RB	45A	15 W	1	6	12	166	8
314	50	82	529	D	711272	362558	5393861	93FO3	272L 1	415 25BMP	ORBR	40S	12 W	1	5	16	93	8
315	50	82	529	D	711273	362461	5393865	93FO3	272L 9B	410 20BFP	RB	75A	16 W	3	86	69	82	11
316	50	82	529	D	711274	362358	5393872	93FO3	772L 9	515 30BTL	BR	25S		1	5	8	28	6
317	50	82	529	D	711275	362257	5393879	93FO3	772L 9	4 7 15BFP	RB	2S		1	6	9	51	7
318	50	82	529	D	711276	362157	5393883	93FO3	772L 9	4 8 18BFP	RB	2S		1	5	9	41	8
319	50	82	529	D	711277	362059	5393890	93FO3	372L 9B	410 20BFP	RB	L 5S	30 E	1	7	13	96	5
320	50	82	529	D	711278	361958	5393895	93FO3	272L 1	4 5 20BFP	RORBR	L 5S	4 W	1	6	9	57	8
321	50	82	529	D	711279	363356	5396632	93FO3	272M 1P	4 5 15BFP	ORBR	L 25A	3NW	4	12	17	194	29
322	50	82	529	D	711280	363457	5396633	93FO3	272M 1P	410 25BFP	ORBR	R 15S	3NW	1	6	16	134	12
323	50	82	529	D	711281	363254	5396644	93FO3	272M 1	410 25BFP	RORBR	L 10S	18SE	1	10	16	114	21
324	50	82	529	D	711282	363156	5396653	93FO3	772M 1	410 25BFP	RB	L 15S		1	9	14	249	11

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni		
325	50	82	529	D	711283	363253	5396531	93F03	272M 1P	410	20BFP	RORBRL20A	11SE	2	10	17	117	13
326	50	82	529	D	711284	363152	5396535	93F03	372L 9	410	20BFP	RB L35A	26SE	4	32	120	1431	17
327	50	82	529	D	711285	363356	5396528	93F03	272M 1	410	20BFP	ORBR L25S	5NW	1	10	19	161	14
328	50	82	529	D	711286	363455	5396533	93F03	372L 9	415	25BFP	RORBRL70A	22NW	8	30	110	824	66
329	50	82	529	D	711287	363251	5396432	93F03	772M 1	415	30BFP	RB L35S		2	15	31	181	23
330	50	82	529	D	711288	363350	5396401	93F03	272M 1	415	30BFP	RORBRL15S	6NW	1	16	20	118	33
331	50	82	529	D	711289	363323	5396417	93F03	372M 1	415	25BFP	RB L25A	21NW	1	13	21	132	10
332	50	82	529	D	711290	363421	5396423	93F03	372L 9	410	25BFP	RB 5A	24NW	1	6	15	113	9
333	50	82	529	D	711291	363326	5396347	93F03	372M 1	420	30BFP	RB L10S	24NW	1	12	19	142	17
334	50	82	529	D	711292	363264	5396326	93F03	272M 1	425	35BFP	RB L60A	14NW	1	11	20	164	13
335	50	82	529	D	711293	363182	5396325	93F03	773M 1P	510	15BFP	RB L10S		1	46	19	200	37
336	50	82	529	D	711294	363097	5396322	93F03	372M 1	4 5	15BFP	ORBR L15S	21NW	1	9	13	109	18
337	50	82	529	D	711295	363075	5396272	93F03	272M	4 5	10BFP	RB L 5S	9 W	1	4	7	95	8
338	50	82	529	D	711296	363174	5396272	93F03	273M 1P	415	25BFP	RORBRL35S	14NW	1	8	17	188	14
339	50	82	529	D	711297	363261	5396273	93F03	272M 1P	415	25BFP	RORBRL40A	18NW	2	19	43	359	30
340	50	82	529	D	711298	363322	5396247	93F03	272L 9	4 5	15BFP	RB L25A	13NW	2	13	29	214	24
341	50	82	529	D	711299	363419	5396150	93F03	373L 9D	410	25BFP	RB 40A	20 W	2	29	16	328	23
342	50	82	529	D	711300	363091	5396138	93F03	272L 9P	410	20BFP	RB L15A	11 W	1	7	16	144	11
343	50	82	529	D	711301	363106	5396036	93F03	272M 1P	415	25BFP	RORBRL25S	14 W	1	20	16	190	21
344	50	82	529	D	711302	363205	5396032	93F03	272M 1P	410	20BFP	ORBR L10S	11 W	1	15	20	121	22
345	50	82	529	D	711303	363345	5396031	93F03	372L 9D	410	25BFP	RORBRL15S	23 W	3	14	22	396	49
346	50	82	529	D	711304	363396	5395931	93F03	272L 9	4 5	15BFP	RB L10S	7 W	1	10	18	109	13
347	50	82	529	D	711305	363292	5395927	93F03	272L 9B	6 5	15BFP	RORBRL75A	17 W	1	200	86	1544	119
348	50	82	529	D	711306	363242	5395927	93F03	272L 9B	4 5	10BFP	RB L80A	10 W	1	43	42	577	35
349	50	82	529	D	711307	363102	5395928	93F03	372L 9	410	20BFP	REDORL40A	34 N	1	9	16	181	40
350	50	82	529	D	711308	363013	5395928	93F03	273L 1	525	35BFP	RB L80A	6NW	2	129	32	847	36
351	50	82	529	D	711596	363271	5397541	93F03	672U 1	415	25BFP	RB 15S	32 W	1	10	26	227	17
352	50	82	529	D	711597	363373	5397543	93F03	472M 1	415	25BFP	ORBR 15M	10 E	2	15	22	173	13
353	50	82	529	D	711599	363475	5397546	93F03	372M 1	515	25BFP	ORBR 5S	31 W	1	9	16	94	13
354	50	82	529	D	* 711600	363574	5397550	93F03	272L 9P	410	25BFP	RB 5S	12 W	1	8	13	214	14
355	50	82	529	D	* 711601	363574	5397550	93F03	272L 9P	420	30BFP	RB 10S	12 W	2	7	12	194	12
356	50	82	529	D	711602	363673	5397551	93F03	272L 9B	510	15BFP	ORBR 5S	18SW	1	7	9	52	9
357	50	82	529	D	711603	363775	5397552	93F03	272L 9B	510	15BFP	ORBR 30S	6SW	1	8	13	80	10
358	50	82	529	D	711604	363874	5397557	93F03	272L 9P	522	30BTL	BR 2A	14 N	2	26	22	81	11
359	50	82	529	D	711605	363975	5397559	93F03	272L 9P	420	30CIR	GYBR 40M	10 N	1	3	8	22	2
360	50	82	529	D	711606	364074	5397561	93F03	272L 9P	525	35CZR	BR 5A	15 N	1	8	17	55	5
361	50	82	529	D	711607	364175	5397564	93F03	372L 9P	415	30CIR	GYBR 80A	27 N	2	13	10	43	6
362	50	82	529	D	711608	364276	5397567	93F03	372L 9B	410	15CIR	GYBR 80A	35 N	2	5	17	33	3
363	50	82	529	D	711609	364386	5397566	93F03	372L 9P	435	45CIR	GYBR 75A	48 N	1	15	11	22	5
364	50	82	529	D	711610	364495	5397569	93F03	372L 9P	4 5	15BFP	RB 50A	48 N	1	10	11	47	7
365	50	82	529	D	711611	364603	5397573	93F03	272L 9	415	25BFP	RORBR 10S	12 N	1	8	10	97	8
366	50	82	529	D	711612	364703	5397576	93F03	272L 9	510	30BTL	BR 25S	14 N	1	9	8	39	6
367	50	82	529	D	711613	364805	5397578	93F03	372L 9B	4 5	10CIR	BR 70A	38 N	2	20	11	41	9
368	50	82	529	D	711614	364875	5397579	93F03	372L 9B	415	30BFP	RORBR 40A	26 N	1	14	10	54	12
369	50	82	529	D	711615		3F03 2	72L 1	4 15	25BFP	RR 15S	6 N	10	80	130	1670	100	
370	50	82	529	D	711616		3F03 3	72L 1	5 15	30BMB	OLBR 10S	4 E	10	360	190	1940	240	
371	50	82	529	D	711618		3F03 2	72L 1	4 15	30BFP	RB 5S	9 N	20	70	260	1760	140	
372	50	82	529	D	711619		3F03 3	72L 1	4 15	30BFP	RB 15S	7 N	10	160	340	1510	210	
373	50	82	529	D	* 711620		3F03 4	72L 9P	5 15	30CIR	GYBR 5A	5 W	10	240	190	940	160	
374	50	82	529	D	* 711621		3F03 4	72L 9P	5 15	30CIR	GYBR 5A	5 W	10	230	170	890	150	
375	50	82	529	D	711623		3F03 2	72L 1	5 15	30BTL	GYBR 10S	4NW	10	90	130	1060	120	
376	50	82	529	D	711624		3F03 2	72L 1	5 15	30BMB	GYBR	3 W	10	20	90	370	20	
377	50	82	529	D	711625		3F03 2	72L 1	5 20	30BTL	BR 5S	9 N	10	300	130	1010	150	
378	50	82	529	D	711626		3F03 2	72L 1	5 20	30BFP	RB 2S	6 W	10	320	180	1360	180	

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni	
379	50	82	529	D	711627		3F03 2	74L 9B	5 35 45CIR	GYBR 25S	6 W	10	370	120	710	130	
380	50	82	529	D	711628		3F03 2	72L 1	4 15 25CIR	GYBR 20S	9 W	10	70	120	500	50	
381	50	82	529	D	711629		3F03 2	72L 1	5 20 25BFP	RB 15S	6 W	10	370	180	770	200	
382	50	82	529	D	711630	364576	5397173	93F03	272L 1	410 20BFP	RORBR 10S	8SW	1	7	13	77	9
383	50	82	529	D	711631	364676	5397174	93F03	673L 1	520 30CIR	GY 5S	1	23	23	79	13	
384	50	82	529	D	711632	364778	5397175	93F03	272L 1	515 30CIR	GY 15S	4 W	1	4	11	36	6
385	50	82	529	D	711633	364877	5397177	93F03	272L 1	825 35BFP	RB 2S	4 W	1	24	18	108	15
386	50	82	529	D	711634	364903	5397277	93F03	272L 1	510 30CIP	GYBR 10S	5 W	1	9	10	37	7
387	50	82	529	D	711635	364903	5397379	93F03	272L 1	4 5 20BFP	RB 25S	5 W	1	5	9	67	6
388	50	82	529	D	714001	362615	5397025	93F03	372E 1	510015BFP	ORBR25A	35NW	5	12	18	670	18
389	50	82	529	D	714002		3F03 3	72L 1	4 10015BFP	RBR 50A	5NW	200	480	310	10620	550	
390	50	82	529	D	714003	362710	5397018	93F03	372L 1	415020BFP	ORBR 60A	45NW	16	32	38	767	23
391	50	82	529	D	714004	362811	5397010	93F03	372L 1D	410015BFP	RBR 30A	40NW	11	25	19	828	50
392	50	82	529	D	714005	362911	5397001	93F03	372L 1	415020BFP	10S	25NE	5	30	29	730	35
393	50	82	529	D	714006	363011	5396992	93F03	372L 1	410015BFP	RBR 10S	30SE	9	38	16	747	21
394	50	82	529	D	714007	363110	5396984	93F03	372L 1	415020BFP	LRBR 10A	25 N	3	18	14	281	14
395	50	82	529	D	714008	363208	5396976	93F03	272L 1	610015BFP	ORBR 15R	15 N	1	35	23	708	16
396	50	82	529	D	714009	363413	5397031	93F03	272L 1	510015BFP	LORBR 10S	10NE	1	8	13	243	11
397	50	82	529	D	714010	363511	5397033	93F03	372L 1	410015BMB	BR 20S	25SE	1	10	19	209	21
398	50	82	529	D	714011	363614	5397034	93F03	772L 1D	310015BFP	ORBR 20A	4 N	2	14	43	150	12
399	50	82	529	D	714012	363712	5397038	93F03	272L 1D	310015BFP	LORBR 5S	15NE	1	5	17	149	7
400	50	82	529	D	714013	363814	5397039	93F03	372L 1D	410015BFP	RBR 60M	35NE	1	12	23	150	20
401	50	82	529	D	714014	363914	5397042	93F03	273L 1	120025AHC	BL 00	10 W	1	49	18	97	26
402	50	82	529	D	714015	364014	5397043	3F03 2	73L 1	5 20025BTL	RBR 40A	5 W	10	290	170	1230	180
403	50	82	529	D	714016	364114	5397046	93F03	272L 1	710 15BTL	BR 5R	5 W	1	24	14	112	20
404	50	82	529	D	714017	364213	5397048	93F03	272L 1	710 15BTL	GR 5R	5 W	1	7	13	64	8
405	50	82	529	D	714018	364314	5397050	93F03	272L 1	310 15BFP	LORBR 35A	5 W	1	8	9	67	8
406	50	82	529	D	714019	364414	5397053	93F03	272L 1	605 10BFP	RBR 10S	07 W	1	8	11	94	10
407	50	82	529	D	714020	364512	5397054	93F03	272L 1	710 15BTL	BR 35A	3 W	1	14	19	129	15
408	50	82	529	D	714021	364595	5397088	93F03	272L 1	540 45BTL	LBR 00	5 W	1	15	18	68	12
409	50	82	529	D	714022	364714	5397092	93F03	273L 1	540 45BTL	LBR 10A	15 W	1	10	15	57	9
410	50	82	529	D	714023	364829	5397095	93F03	272L 1	825 30BTL	GRBR 75R	5 W	1	10	17	107	12
411	50	82	529	D	714024	364840	5396678	93F03	272L 1	305 10BMB	LBR 5S	3NW	1	5	14	45	6
412	50	82	529	D	714025	364738	5396674	93F03	272L 1	305 10BMB	GR 20S	5NW	1	4	9	37	3
413	50	82	529	D	714026	364616	5396670	93F03	272L 1P	505 10BTL	BR 45S	45 N	1	15	20	69	12
414	50	82	529	D	714027	364495	5396667	93F03	272L 1	310 15BMB	LBR 10A	5NW	1	6	16	71	8
415	50	82	529	D	714028	364408	5396646	93F03	272L 1	615 20BFP	RDBR 1KA	10 W	1	6	9	51	8
416	50	82	529	D	714029	364306	5396644	93F03	272L 1	610 15AE	LBR 10S	5 W	1	3	8	33	5
417	50	82	529	D	714030	362523	5396267	93F03	372E 1	310 15BFP	LORBR 20S	25 W	1	8	12	162	12
418	50	82	529	D	714031	362624	5396269	93F03	272E 1	405 10BFP	ORBR 45A	15 W	1	15	12	146	23
419	50	82	529	D	714032	362723	5396269	93F03	273E 1	510 15BTL	LBR 15S	10SW	1	17	14	425	27
420	50	82	529	D	714033	362824	5396271	93F03	372L 1	405 10BFP	ORBR 10S	22 W	1	23	17	404	35
421	50	82	529	D	714034	362926	5396271	93F03	272L 1	410 15BFP	LORBR 40S	20 W	1	5	17	241	22
422	50	82	529	D	714035	363025	5396272	93F03	272L 1	605 10BFP	LORBR 35A	5SW	1	16	22	170	25
423	50	82	529	D	714036	363126	5396273	93F03	272L 1	405 10BFP	RBRL10A	8SE	1	15	14	122	44
424	50	82	529	D	714037	363226	5396274	93F03	272L 1	410 15BFP	LORBR150A	4NW	1	16	19	169	43
425	50	82	529	D	714038	363273	5396288	93F03	372L 1	405 10BFP	ORBR130A	30NW	1	12	27	246	27
426	50	82	529	D	714039	363371	5396256	93F03	272L 1	405 10BFP	LRBR10S	10NW	1	10	15	69	8
427	50	82	529	D	714040	363470	5396272	93F03	272L 1	410 15BFP	ORBR120S	15NW	1	6	21	72	9
428	50	82	529	D	714041	363569	5396288	93F03	272L 1	715 20BFP	RBRL10R	10NE	1	17	35	213	18
429	50	82	529	D	714042	363669	5396303	93F03	372L 1	410 15BFP	LORBR 30S	30NE	1	29	20	120	23
430	50	82	529	D	714043	363773	5396312	93F03	274L 1	430 35BGG	GRBR 40S	10NE	1	29	19	125	13
431	50	82	529	D	714044	363872	5396317	93F03	272L 1	405 10BMB	LBR 60S	15NE	1	16	29	118	15
432	50	82	529	D	714045	363973	5396323	93F03	272L 1	610 15BFP	ORBR 70A	15NE	1	9	20	114	9

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	NI		
433	50	82	529	D	714046	364073	5396328	93F03	372L 1	720	25BTL	RBR 15S						
434	50	82	529	D	714047	364174	5396333	93F03	372L 1	615	20BFP	LORBR 20A		12	24	167	12	
435	50	82	529	D	714048	364272	5396338	93F03	272L 1	610	15BFP	ORBR 5S		9	54	164	8	
436	50	82	529	D	714049	364367	5396347	93F03	272L 1	410	20BFP	ORBR 10S		7	22	93	9	
437	50	82	529	D	* 714050	364605	5396357	93F03	372L 1	410	15BFP	ORBR 10S		5	18	60	4	
438	50	82	529	D	* 714051	364605	5396357	93F03	372L 1	410	15BFP	ORBR 10S		17	31	1131	15	
439	50	82	529	D	714052	364735	5396357	93F03	272L 1	810	15BTL	BR 00		6	23	82	9	
440	50	82	529	D	714053	364847	5396360	93F03	272L 1	705	10BTL	LBR 25R		2	48	45	198	32
441	50	82	529	D	* 714057	364512	5397056	93F03	272L 1	810	15BTL	BR 35A		1	12	19	72	12
442	50	82	529	D	714059	364207	5396644	93F03	772L 1	520	25BTL	GRBR 75R		1	14	24	137	16
443	50	82	529	D	* 714060	364107	5396644	93F03	272L 1	410	15BFP	RBR 30R		1	13	21	83	10
444	50	82	529	D	* 714061	364006	5396645	93F03	272L 1	410	15BFP	RBR 30R		1	9	11	58	9
445	50	82	529	D	714062	363810	5396644	93F03	272L 1	405	10BFP	ORBR 85A		1	10	10	59	10
446	50	82	529	D	714063	363707	5396644	93F03	372L 1D	305	10BFP	LORBR 45S		1	12	26	206	13
447	50	82	529	D	714064	363608	5396640	93F03	372L 1	410	15BFP	ORBR 20S		1	15	27	129	16
448	50	82	529	D	714065	363508	5396639	93F03	372L 1	405	10BFP	ORBR 75A		1	7	19	120	13
449	50	82	529	D	714066	363406	5396638	93F03	272L 1	705	10BFP	ORBR 185A		2	15	40	388	23
450	50	82	529	D	714067	363303	5396639	93F03	372L 1	503	07BFP	LORBR 65A		6	106	43	2084	119
451	50	82	529	D	714068	363206	5396647	93F03	272L 1	405	10BFP	ORBR 30S		2	10	12	124	17
452	50	82	529	D	714069	363107	5396657	93F03	272L 1	303	06BFP	ORBR 90A		1	16	27	454	14
453	50	82	529	D	714070	363009	5396667	93F03	272L 1	405	08BFP	RBR 75A		2	29	20	209	16
454	50	82	529	D	714071	362908	5396677	93F03	372L 1	605	10BFP	RBR 60A		3	15	16	189	19
455	50	82	529	D	714072	362809	5396685	93F03	372L 1	705	10BFP	RBR 45A		3	9	10	674	14
456	50	82	529	D	714073	362708	5396696	93F03	372L 1	407	10BFP	RBR 90A		1	12	15	366	9
457	50	82	529	D	714074	362622	5396703	93F03	372E 1	405	08BFP	ORBR 45S		18	110	23	359	26
458	50	82	529	D	714075	362472	5395813	93F03	372L 1P	620	25BFP	LORBR 30A		4	44	28	397	20
459	50	82	529	D	714076	362574	5395814	93F03	272L 1	310	13BFP	YBR 40S		4	13	23	457	20
460	50	82	529	D	714077	362676	5395814	93F03	272L 1	405	10BMB	LBR 30S		2	27	17	958	44
461	50	82	529	D	714078	362774	5395814	93F03	272L 1	730	35BTL	BR 40A		1	22	14	199	71
462	50	82	529	D	714079	362874	5395814	93F03	272L 1	615	25BFP	LORBR 95A		1	81	16	311	108
463	50	82	529	D	* 714080	362976	5395816	93F03	272L 1	415	20BFP	ORBR 30R		1	12	13	191	17
464	50	82	529	D	* 714081	362976	5395816	93F03	272L 1	415	20BFP	ORBR 30R		1	5	15	99	9
465	50	82	529	D	714082	363076	5395816	93F03	272L 1	510	20BTL	BR 05R		1	5	14	98	9
466	50	82	529	D	714083	363176	5395817	93F03	272L 1	710	15BFP	LORBR 45A		1	13	16	50	17
467	50	82	529	D	714084	363291	5395816	93F03	272L 1	404	08BFP	LORBR 20S		1	36	36	812	33
468	50	82	529	D	714085	362473	5395767	93F03	372E 1	410	15BFP	LBRD 20S		1	7	21	142	9
469	50	82	529	D	714086	362573	5395763	93F03	272L 1	715	20BFP	RBR 60A		4	17	12	467	9
470	50	82	529	D	714087	362674	5395758	93F03	272L 1	415	20BFP	LORBR 20A		2	32	20	613	23
471	50	82	529	D	714088	362772	5395753	93F03	272L 1	615	20BFP	LORBR 85A		3	21	16	242	118
472	50	82	529	D	714089	362872	5395748	93F03	372L 1P	610	15BFP	RBR 20S		2	27	15	203	62
473	50	82	529	D	714090	362973	5395743	93F03	272L 1	405	10BMB	BR 10R		1	10	16	86	14
474	50	82	529	D	714091	363074	5395739	93F03	272L 1	405	08BFP	RBR 50A		1	10	13	86	14
475	50	82	529	D	714092	363172	5395734	93F03	272L 1	405	08BFP	BR 60A		5	255	123	430	53
476	50	82	529	D	714093	363293	5395729	93F03	272L 1	710	15BTL	BR 10S		6	77	58	166	29
477	50	82	529	D	714094	363392	5395759	93F03	272L 1	405	08BFP	ORBR 10S		1	10	29	79	11
478	50	82	529	D	714095	363493	5395770	93F03	272L 1	505	08BTL	BRL 10R		2	8	19	162	10
479	50	82	529	D	714096	363593	5395781	93F03	272L 1	510	15BTL	BR 05S		1	11	33	78	11
480	50	82	529	D	714097	363692	5395792	93F03	272L 1	415	20BFP	ORBR 10S		1	4	10	96	4
481	50	82	529	D	714098	363791	5395803	93F03	272L 1	405	10BFP	ORBR 25R		1	7	17	72	9
482	50	82	529	D	714099	363889	5395814	93F03	272L 1	405	10BFP	ORBR		2	5	33	110	5
483	50	82	529	D	* 714100	363989	5395826	93F03	272L 1	710	15BFP	ORBR 10S		1	5	24	84	7
484	50	82	529	D	* 714101	363989	5395826	93F03	272L 1	710	15BFP	ORBR 10S		2	8	19	89	8
485	50	82	529	D	714102	364090	5395837	93F03	272L 1	605	10BFP	RBR 5S		2	7	18	76	7
486	50	82	529	D	714103	364188	5395846	93F03	372L 1	605	10BFP	ORBR 10R		1	5	23	73	5
														1	5	18	57	5

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni		
487	50	82	529	D	714104	364288	5395858	93F03	372L 1	405	10BFP	ORBR 25A	20NW	2	10	21	97	12
488	50	82	529	D	714105	364387	5395870	93F03	372L 1P	405	15BMB	LBR 90A	30SE	1	6	31	85	6
489	50	82	529	D	714106	364486	5395880	93F03	272L 1D	703	07BFP	ORBR 90A	10 N	1	3	16	44	1
490	50	82	529	D	714107	364587	5395892	93F03	372L 1P	403	08BFP	ORBR 70A	30 E	3	29	17	606	31
491	50	82	529	D	714108	362471	5395922	93F03	372L 1	415	20BFP	ORBR 10R	25 W	1	5	19	129	13
492	50	82	529	D	714109	362573	5395919	93F03	271L 1	310	15BMB	LBR 5R	15 W	1	8	23	130	13
493	50	82	529	D	714110	362674	5395914	93F03	272L 1	605	15BHP	ORBR 90A	10 W	2	16	20	226	65
494	50	82	529	D	714111	362774	5395913	93F03	372L 1	408	11BFP	LORBR 45A	25 W	2	11	20	128	28
495	50	82	529	D	714112	362874	5395913	93F03	271L 1	403	07BFP	LORBR 75S	15 W	3	19	25	312	61
496	50	82	529	D	714114	363074	5395909	93F03	271L 1	410	15BFP	LORBR 10R	10 W	1	10	27	87	14
497	50	82	529	D	714115	363175	5395906	93F03	271L 1	415	20BFP	LORBR 90A	10 W	2	24	34	346	21
498	50	82	529	D	714116	363286	5395903	93F03	371L 1	302	05BFP	ORBR 20R	22SW	2	10	16	130	14
499	50	82	529	D	714117	363382	5395260	93F03	272L 1	405	10BFP	LORBR 20R	10 W	2	9	16	361	23
500	50	82	529	D	714118	363483	5395267	93F03	272L 1	410	15BFP	LORBR 10R	10 W	1	8	16	98	10
501	50	82	529	D	714119	363581	5395276	93F03	272L 1	415	20BFP	LORBR 5R	10 W	1	17	25	60	14
502	50	82	529	D	* 714120	363681	5395284	93F03	272L 1	705	08BTL	BR 5R	55E	1	7	13	61	7
503	50	82	529	D	* 714121	363681	5395285	93F03	272L 1	705	08BTL	BR 5R	55E	1	7	12	60	7
504	50	82	529	D	714122	363783	5395293	93F03	272L 1	705	09BGG	ORBR 5S	55W	1	5	24	74	6
505	50	82	529	D	714123	363880	5395303	93F03	273L 1	515	20BTL	ORBR 5S	55W	1	8	15	50	10
506	50	82	529	D	714124	363981	5395312	93F03	272L 1	405	10BFP	ORBR 10S	10 S	1	5	17	119	11
507	50	82	529	D	714125	364081	5395320	93F03	272L 1	305	08BFP	ORBR 15A	10SW	1	5	24	106	9
508	50	82	529	D	714126	364179	5395330	93F03	372L 1P	407	10BMB	BR 20A	25SE	1	5	23	51	8
509	50	82	529	D	714127	364280	5395339	93F03	372L 1	409	12BFP	LORBR 25R	20SE	1	5	17	46	6
510	50	82	529	D	714128	364380	5395347	93F03	272L 1	505	07BHP	RBR 5S	5 S	1	7	11	72	9
511	50	82	529	D	714129	364478	5395357	93F03	272L 1	605	07BFP	ORBR 02R	5 S	1	5	9	84	8
512	50	82	529	D	714130	364578	5395364	93F03	272L 1	405	08BFP	ORBR 3R	7 S	1	8	8	67	10
513	50	82	529	D	714131	364679	5395374	93F03	274L 1	820	25BTL	LORBR 02R	00	1	8	11	39	9
514	50	82	529	D	714132	362313	5395022	93F03	272L 1P	305	08BFP	LORBR85S	15NW	5	37	23	206	16
515	50	82	529	D	714133	362415	5395021	93F03	372L 1	601	07BFP	ORBR 20A	20SW	1	8	18	103	14
516	50	82	529	D	714134	362512	5395019	93F03	772L 1	720	25BTL	ORBR 80A	00	3	104	54	176	26
517	50	82	529	D	714135	362615	5395018	93F03	272L 1	570	75BTL	GRBR 20R	5 W	1	111	19	58	23
518	50	82	529	D	714136	362716	5395016	93F03	272L 1	403	08BFP	BR 15S	5 W	3	13	15	110	21
519	50	82	529	D	714137	362814	5395015	93F03	272L 1	405	09BFP	ORBR 2S	5 W	1	5	26	162	11
520	50	82	529	D	714138	362914	5395013	93F03	272L 1	703	07BTL	ORBR 10S	7SW	1	9	25	164	12
521	50	82	529	D	714139	363017	5395011	93F03	272L 1	503	07BTL	BR 20A	10 W	1	24	25	83	18
522	50	82	529	D	* 714140	363117	5395010	93F03	372L 1	605	09BFP	ORBR 10S	20 W	1	6	15	96	9
523	50	82	529	D	* 714141	363117	5395010	93F03	372L 1	605	09BFP	ORBR 10S	20 W	1	6	15	114	10
524	50	82	529	D	714142	363213	5395009	93F03	272L 1	405	10BFP	LORBR 10R	5 W	1	6	32	156	11
525	50	82	529	D	714143	363281	5395006	93F03	272L 1	410	15BFP	ORBR 15S	7 W	1	8	12	102	13
526	50	82	529	D	714144	363282	5395022	93F03	272L 1	620	25BFP	ORBR 10R	10SW	1	10	19	94	15
527	50	82	529	D	714145	363379	5395028	93F03	372L 1	605	09BFP	LORBR 10S	20 W	1	9	13	50	11
528	50	82	529	D	714146	363483	5395035	93F03	272L 1	605	09BFP	LORBR 5A	4 W	1	5	14	88	8
529	50	82	529	D	714147	363580	5395043	93F03	272L 1	615	19BFP	ORBR 5R	5 W	2	9	22	77	17
530	50	82	529	D	714148	363681	5395050	93F03	272L 1	303	08BFP	ORBR 5S	5 S	1	5	20	56	8
531	50	82	529	D	714149	363780	5395057	93F03	272L 1	405	10BMB	BR 5R	3 S	1	12	17	52	11
532	50	82	529	D	714150	363880	5395063	93F03	272L 1	203	07BFP	ORBR 00	1 E	1	5	11	53	5
533	50	82	529	D	714151	363979	5395072	93F03	272L 1	825	30BTL	BR 50R	2 S	1	17	12	60	13
534	50	82	529	D	714152	364078	5395078	93F03	272L 1	815	20BTL	BR 45R	2 S	1	4	13	48	5
535	50	82	529	D	714153	362372	5395322	93F03	2H2E 1	410	15BFP	ORBR15S	15 W	1	6	24	51	7
536	50	82	529	D	714154		3F03 2	72L 1	4	05	10BFP	LORBR 20R	0 W	10	60	230	610	100
537	50	82	529	D	714155	363366	5394428	93F03	272L 1	407	09BFP	ORBR 10R	12SW	2	9	36	195	24
538	50	82	529	D	714156	363466	5394433	93F03	272L 1	420	25BFP	ORBR 50A	12 W	1	10	24	144	12
539	50	82	529	D	714157	363567	5394441	93F03	272L 1	410	15BFP	DBR 25R	12 S	2	102	58	193	17
540	50	82	529	D	714158	363668	5394447	93F03	772L 1	415	20BFP	BR 10M	00	1	13	11	61	16

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPF	Mo	Cu	Pb	Zn	Ni			
541	50	82	529	D	714159	363768	5394455	93F03	272L 1	415	20BFP	BR	05R	8SE	1	6	15	68	11
542	50	82	529	D	* 714160	363866	5394460	93F03	272L 1	425	30BFP	RBR	10R	18SE	1	6	13	49	9
543	50	82	529	D	* 714161	363865	5394461	93F03	272L 1	425	30BFP	RBR	10R	18SE	1	6	12	44	10
544	50	82	529	D	714162	363966	5394468	93F03	72L 1	250	60BGG	ORBR	70A	00 0	1	15	14	60	12
545	50	82	529	D	714163	364067	5394471	93F03	772L 1	405	10BFP	RBR	10R	0000	1	7	18	63	10
546	50	82	529	D	714164	364167	5394479	93F03	272L 1	540	45BTL	ORBR	30R	4 S	1	9	14	34	9
547	50	82	529	D	714165	364267	5394485	93F03	572L 1	525	35BTL	R	43R	3 S	1	12	14	70	9
548	50	82	529	D	714166	364368	5394492	93F03	272L 1	510	15BTL	R	60R	8 S	1	3	15	38	4
549	50	82	529	D	714167	364468	5394499	93F03	272L 1	415	20BTL	R	30R	10SE	1	3	10	27	4
550	50	82	529	D	714168	364566	5394505	93F03	272L 1	430	35BMB	GRBR	10R	3 S	1	6	9	28	4
551	50	82	529	D	714169	364685	5394544	93F03	272L 1	405	10BFP	ORBR	90R	5SW	1	6	9	119	9
552	50	82	529	D	714170	364794	5394552	93F03	272L 1	410	15BFP	ORBR	5R	8SE	1	8	11	45	10
553	50	82	529	D	714171	364893	5394564	93F03	272L 1	410	15BFP	ORBR	5R	6 S	1	3	7	28	4
554	50	82	529	D	714172	363268	5394421	93F03	272L 1	410	15BFP	RBR	5R	7 S	1	8	12	42	10
555	50	82	529	D	714173	363268	5394481	93F03	272L 1	4 5	10BFP	R	25A	10 W	1	4	15	65	12
556	50	82	529	D	714174	363170	5394480	93F03	272L 1	4 5	10BFP	ORBR	15A	9 W	1	5	16	61	7
557	50	82	529	D	714175	363069	5394478	93F03	272L 1	410	15BFP	RBR	30A	10 W	1	5	23	47	7
558	50	82	529	D	714176	362971	5394476	93F03	772L 1	725	30BFP	BR	2R	3 W	1	117	54	229	80
559	50	82	529	D	714177	362013	5394172	93F03	772E 1	4 5	10BFP	ORBR	R75A	00	1	7	17	190	10
560	50	82	529	D	714178	362082	5394172	93F03	272E 1	4 5	10BFP	ORBR	30M	2 S	3	7	17	203	11
561	50	82	529	D	714179	362183	5394166	93F03	272L 1	4 5	10BFP	R	10R	12 S	1	5	15	54	9
562	50	82	529	D	* 714180	362282	5394162	93F03	272L 1	4 5	10BFP	ORBR	15R	2 S	2	5	30	121	8
563	50	82	529	D	* 714181	362282	5394162	93F03	272L 1	4 5	10BFP	ORBR	10S	2 S	2	5	28	145	8
564	50	82	529	D	714182	362383	5394159	93F03	272L 1	4 5	10BFP	ORBR	10S	10 S	2	4	13	173	9
565	50	82	529	D	714183	362481	5394153	93F03	372L 1	4 5	10BFP	ORBR	10S	24SE	3	24	37	300	43
566	50	82	529	D	714184	362584	5394150	93F03	772L 1	410	15BFP	ORBR	10R	1 S	1	5	13	226	12
567	50	82	529	D	714185	362683	5394145	93F03	272L 1	4 5	8BFP	BR	10M	3 W	2	23	18	192	31
568	50	82	529	D	714186	362784	5394142	93F03	772E 1	4 2	10BFP	BR	10R	1 S	1	6	10	88	20
569	50	82	529	D	714187	362887	5394136	93F03	272L 1	4 5	10BFP	RBR	10S	4W	1	5	14	144	10
570	50	82	529	D	714188	362985	5394134	93F03	272L 1	180	90BH	L	00	4W	1	58	4	21	15
571	50	82	529	D	714190	363184	5394125	93F03	272L 1	4 5	10BFP	BR	15A	5SW	1	10	24	82	10
572	50	82	529	D	714191	363265	5394120	93F03	272L 1	510	15BTL	BR	15M	4SW	1	13	19	65	12
573	50	82	529	D	714192	363255	5393622	93F03	772L 1	415	20BFP	ORBR	75A	1 S	1	8	26	227	13
574	50	82	529	D	714193	363355	5393637	93F03	272L 1	4 5	10BFP	ORBR	25M	2 S	1	3	8	59	5
575	50	82	529	D	714194	363459	5393649	93F03	272L 1	4 5	10BFP	ORBR	80A	6SW	3	45	86	631	57
576	50	82	529	D	714195	363554	5393663	93F03	272L 1	4 5	10BFP	BR	50A	2SE	2	19	30	990	45
577	50	82	529	D	714196	363654	5393677	93F03	272L 1	4 5	10BFP	ORBR	20R	8 S	1	2	7	65	4
578	50	82	529	D	714197	363753	5393690	93F03	272L 1	4 5	10BFP	ORBR	20S	12 S	1	4	9	66	8
579	50	82	529	D	714198	363854	5393704	93F03	272L 1	4 5	20BFP	ORBR	90S	8 S	1	3	11	651	4
580	50	82	529	D	714199	363954	5393717	93F03	272L 1	6 5	10BFP	R	30S	10 S	1	24	28	1073	12
581	50	82	529	D	* 714200	364081	5393733	93F03	472L 1	420	25BFP	ORBR	15S	1 S	1	6	7	36	5
582	50	82	529	D	* 714201	364081	5393732	93F03	472L 1	415	20BFP	ORBR	10R	1 S	1	4	7	44	3
583	50	82	529	D	714202	364150	5393742	93F03	272L 1	510	20BTL	BR	30M	2 W	1	3	8	22	4
584	50	82	529	D	714203	364250	5393756	93F03	272L 1	420	30BFP	ORBR	20R	2 W	1	5	9	31	5
585	50	82	529	D	714204	364347	5393769	93F03	272L 1	510	15BTL	R	15S	4 S	1	2	7	14	3
586	50	82	529	D	714205	364448	5393782	93F03	272L 1	510	15BTL	BR	25S	5 S	1	4	7	25	3
587	50	82	529	D	714206	364547	5393795	93F03	272L 1	415	20BFP	ORBR	25S	6 S	1	3	9	36	4
588	50	82	529	D	714207	364668	5393842	93F03	272L 1	315	20BMB	ORBR	20R	8 S	1	3	4	16	3
589	50	82	529	D	714208	364784	5393859	93F03	272L 1	525	30BTL	ORBR	30R	6 S	1	6	5	38	6
590	50	82	529	D	714209	364879	5393875	93F03	272L 1	520	25BFP	ORBR	25R	8 S	1	12	12	88	6
591	50	82	529	D	714211	364904	5394087	93F03	272L 1	315	20BFP	ORBR	20R	4SW	1	4	5	17	3
592	50	82	529	D	714212	364842	5394089	93F03	272L 1	420	25BMB	R	15R	4 S	1	3	6	21	3
593	50	82	529	D	714213	364752	5394092	93F03	272L 1	425	30BFP	ORBR	10R	8SE	1	5	7	27	5
594	50	82	529	D	714214	364642	5394094	93F03	272L 1	420	25BMB	R	15R	6 S	1	4	7	26	4

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	RDK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni					
595	50	82	529	D	714215	364556	5394097	93F03	272L 1	530	35BTL	R	20R	10	S	1	11	8	32	7	
596	50	82	529	D	714216	364464	5394070	93F03	72L 1	320	25BFP	ORBR	10R	14	W	1	5	5	29	7	
597	50	82	529	D	714217	364364	5394076	93F03	272L 1	415	20BMB	BR	10R	2	E	1	5	9	44	6	
598	50	82	529	D	714218	364263	5394080	93F03	772L 1	520	25BMB	LBR	5R	4	E	1	31	15	115	18	
599	50	82	529	D	714219	364165	5394083	93F03	272L 1	425	30BHP	ORBR	15S	85E		1	5	8	49	8	
600	50	82	529	D *	714220	364064	5394085	93F03	272L 1	415	20BFP	ORBR	5R	6NE		1	3	8	27	4	
601	50	82	529	D *	714221	364064	5394085	93F03	272L 1	420	25BFP	ORBR	5R	6NE		1	3	7	29	5	
602	50	82	529	D	714222	363964	5394090	93F03	272L 1	410	15BFP	ORBR	20S	18	N	1	4	6	32	5	
603	50	82	529	D	714223	363865	5394094	93F03	472L 1	425	30BMB	LBR	90A	4SW		3	39	113	485	14	
604	50	82	529	D	714224	363764	5394099	93F03	272L 1	4	5	15BFP	ORBR	90A	12NW		2	26	19	134	69
605	50	82	529	D	714225	363663	5394104	93F03	272L 1	410	15BFP	ORBR	80A	8SW		3	25	80	245	35	
606	50	82	529	D	715001	363001	5395741	93F03	172L 1	420	30BFP	RB	15S	10W		1	7	16	107	9	
607	50	82	529	D	715002	363249	5395729	93F03	272L 1	520	30BMB	OLBR	L50S	15SW		1	8	16	97	11	
608	50	82	529	D	715003	363195	5395732	93F03	172L 9B	410	15BFP	245	RB	L95A	1W	3	32	17	132	17	
609	50	82	529	D	715004	363149	5395734	93F03	272L 9B	515	25BFP	245	RB	MOBL95A	5W	5	359	139	370	15	
610	50	82	529	D	715005	363099	5395736	93F03	172L 9B	520	30BFP	245	RB	L90A	3E	4	403	110	466	41	
611	50	82	529	D	715006	363078	5395738	93F03	172L 9B	515	25BFP	245	RB	L90A	1W	2	48	57	209	26	
612	50	82	529	D	715007	363025	5395739	93F03	272L 1	420	30BMB	OLRB	L15S	5NW		1	16	19	61	18	
613	50	82	529	D	715008	363294	5395794	93F03	272L 1	520	30BMB	OL	L10S	15SW		1	9	29	187	13	
614	50	82	529	D	715009	363240	5395794	93F03	272L 1	415	25BFP	RB	80S	3SW		2	18	31	181	20	
615	50	82	529	D	715010	363194	5395793	93F03	272L 1	420	30BMB	OL	L10S	5SW		4	63	33	420	48	
616	50	82	529	D	715011	363143	5395792	93F03	272L 1B	425	35BFP	RB	L90A	4SE		6	29	27	247	34	
617	50	82	529	D	715012	363093	5395791	93F03	172L 1B	520	30BFP	245	RB	L50A	2SW	3	133	81	364	26	
618	50	82	529	D	715013	363052	5395792	93F03	272L 1B	520	30BFP	245	RB	L25A	3SW	4	175	56	346	35	
619	50	82	529	D	715014	363042	5395792	93F03	372L 1	515	25BFP	RB	L10S	35NE		1	9	24	65	12	
620	50	82	529	D	715015	363004	5395794	93F03	372L 1	415	25BFP	RB	30S	25W		1	5	19	78	9	
621	50	82	529	D	715016	363013	5395815	93F03	372L 1	415	25BFP	BR	L25S	25W		1	7	15	67	13	
622	50	82	529	D	715017	363064	5395815	93F03	372L 1B	425	35BFP	RB	L50S	40W		5	166	120	329	35	
623	50	82	529	D	715018	363101	5395817	93F03	172L 1	420	30BMB	OL	L20S	5W		1	11	19	136	18	
624	50	82	529	D	715019	363141	5395815	93F03	272L 1	515	25BFP	RB	L15S	10NW		1	27	47	503	25	
625	50	82	529	D	715020	363240	5395816	93F03	272L 9B	415	25BFP	OB	L99A	8N		4	38	20	274	45	
626	50	82	529	D	715021	363322	5396180	93F03	172L 1	515	25BMB	OL	L10S	5S		1	11	10	41	9	
627	50	82	529	D	715054	363174	5397336	93F03	372L 1P	420	30BFP	RB	15S	30N		9	30	18	604	24	
628	50	82	529	D	715055	363074	5397333	93F03	472L 1P	420	30BFP	RB	15S	8N		2	7	15	320	9	
629	50	82	529	D	715056	362973	5397331	93F03	272L 1	420	30BFT	RB	1S	10NW		2	8	7	122	13	
630	50	82	529	D	715057	362875	5397329	93F03	272L 1	415	25BFP	RB	1S	5W		1	6	4	45	8	
631	50	82	529	D	715058	362772	5397327	93F03	272L 1	720	25BMB	BR	15S	3W		1	8	9	43	6	
632	50	82	529	D	715059	363273	5397440	93F03	372L 1	415	25BFP	RB	15S	25N		2	15	30	173	20	
633	50	82	529	D *	715060	363274	5397644	93F03	272L 1	415	25BFP	RB	1S	5NE		1	7	11	113	12	
634	50	82	529	D *	715061	363273	5397644	93F03	272L 1	415	25BFP	RB	1S	5NE		1	6	9	92	10	
635	50	82	529	D	715062	363371	5397738	93F03	272E 2	315	25BFP	RB	50R	2N		2	14	27	183	13	
636	50	82	529	D	715063			3F03 2	72E 2	3	15	25BFP	RB	40S	5NE		20	150	220	1700	180
637	50	82	529	D	715064	363472	5397709	93F03	272L 1	515	25BMB	BR	20S	10NE		1	6	11	68	9	
638	50	82	529	D	715065	363170	5397539	93F03	272E 2	315	25BMB	OLRB	50R	2W		2	19	25	157	25	
639	50	82	529	D	715066	363071	5397539	93F03	272U 1	415	25BFP	RB	40S	3W		10	46	18	367	29	
640	50	82	529	D	715067	362971	5397537	93F03	272U 1	410	12BFP	RB	5S	5W		3	19	13	99	13	
641	50	82	529	D	715068	362869	5397537	93F03	272U 1	410	15BFP	RB	1S	2E		1	5	7	49	8	
642	50	82	529	D	715069	362770	5397538	93F03	272E 2	410	20BMB	OLBR	50R	5S		1	11	12	75	11	
643	50	82	529	D	715070	363721	5396172	93F03	272L 1	520	30BMB	BR	25M	10NE		1	15	15	158	13	
644	50	82	529	D	715071	363822	5396181	93F03	272L 1P	520	30BMB	BR	25M	15N		1	12	28	132	13	
645	50	82	529	D	715072	363923	5396190	93F03	272L 1	520	30BFP	RB	15S	8N		1	7	21	100	8	
646	50	82	529	D	715073	363923	5396320	93F03	272L 1	520	30BFP	RB	10	S	10N		1	11	21	127	12
647	50	82	529	D	715074	363822	5396315	93F03	272L 1	530	40BMB	BR	5S	6N		1	10	18	85	10	
648	50	82	529	D	715075	363723	5396310	93F03	372L 1	520	30BFP	RB	10S	25N		1	11	23	108	12	

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni				
649	50	82	529	D	715076	363723	5396378	93F03	272L 1	520	30BFP	RB	10S	10N	1	9	20	107	10	
650	50	82	529	D	715077	363822	5396386	93F03	272L 1	520	30BMB	OLBR	40S	10N	1	8	13	114	10	
651	50	82	529	D	715078	363921	5396394	93F03	474LS1	535	40BMB	BRDBR	35S	5N	1	143	24	268	30	
652	50	82	529	D	715079	363920	5396458	93F03	474L 1P	545	50BGG	GRMRB	25S	5N	1	34	23	81	15	
653	50	82	529	D	715080	363819	5396455	93F03	272L 1	520	30BMB	BR	15S	5N	1	8	11	45	8	
654	50	82	529	D	715081	363720	5396448	93F03	273L 1	530	40BFP	RB	10S	12N	1	18	26	139	18	
655	50	82	529	D	715082			3F03 2	72L 1	5	15	25BFP	RB	50S	ON	10	110	200	1480	120
656	50	82	529	D	715083			3F03 4	73LS1	5	60	70BGG	GYMRB	10S	8N	10	180	210	980	130
657	50	82	529	D	715084			3F03 4	73LS1	5	25	35BMB	OLBR	15S	3N	10	130	220	790	120
658	50	82	529	D	715085	363271	5395539	93F03	272L 1	520	30BFP	RB	L20A	10NW	2	9	32	237	8	
659	50	82	529	D	715086	363218	5395537	93F03	272L 1	520	30BFP	RB	L20A	15NW	1	6	21	118	9	
660	50	82	529	D	715087	363168	5395536	93F03	271L 9	510	20BFP	RB	60A	1W	2	9	37	190	9	
661	50	82	529	D	715088	363119	5395534	93F03	172L 1	520	30BMB	OLBR	10S	5SE	1	9	24	110	16	
662	50	82	529	D	715089	363068	5395534	93F03	272L 9B	420	30BMB	BR	95A	2W	3	18	31	407	14	
663	50	82	529	D	* 715090	363017	5395532	93F03	472L 9P	420	30BMB	OLBR	98A	4W	3	27	28	281	41	
664	50	82	529	D	* 715091	363017	5395532	93F03	472L 9P	420	30BMB	OLBR	95A	4W	4	58	46	317	82	
665	50	82	529	D	715092	362968	5395531	93F03	272L 9	425	35BFP	REBR	50A	3W	1	12	27	129	11	
666	50	82	529	D	715093	362917	5395530	93F03	272L 1	520	30BFP	RB	25S	8W	1	28	19	113	20	
667	50	82	529	D	715094	362868	5395529	93F03	272L 1	520	30BFP	RB	10S	8W	1	11	18	131	29	
668	50	82	529	D	715095	362818	5395529	93F03	392L 8B	430	40BFP	RB	90A	25SW	6	106	56	481	159	
669	50	82	529	D	715096	362764	5395527	93F03	272L 8B	420	30BMB	BROB	98A	10W	13	508	144	911	7	
670	50	82	529	D	715097	362859	5395629	93F03	372L 9B	520	30BMB	OLBR	75A	25W	1	27	20	283	67	
671	50	82	529	D	715098	362973	5395631	93F03	172L 1	520	30BFP	RB	10S	1E	1	12	14	101	20	
672	50	82	529	D	718001	363274	5397243	93F03	272L 9B	720	30BMB	BR	20A	15N	7	99	25	776	31	
673	50	82	529	D	718002	363272	5397338	93F03	272L 1	415	25BFP	RB	1S	3W	1	7	14	173	11	
674	50	82	529	D	718003	363378	5397347	93F03	372L 1	515	25BFP	RB	30S	27N	3	9	22	345	15	
675	50	82	529	D	718004	363427	5397348	93F03	372L 1P	515	25BFP	111 PB	60S	40N	3	48	300	751	38	
676	50	82	529	D	718005	363475	5397352	93F03	472L 1	735	45BMB	LBR	30S	35SW	1	19	23	119	19	
677	50	82	529	D	718006	363521	5397356	93F03	272L 1	515	25BFP	RB	35S	28W	1	6	23	120	13	
678	50	82	529	D	718007	363573	5397359	93F03	272L 1	415	10BFP	RB	1S	5W	1	8	21	132	15	
679	50	82	529	D	718008	363623	5397363	93F03	272L 1	515	25BMB	OLBR	20S	5W	1	14	19	71	17	
680	50	82	529	D	718009	363671	5397365	93F03	272L 1	510	15BFP	RB	20S	5 W	1	7	18	71	8	
681	50	82	529	D	718010	363715	5397369	93F03	272L 1	510	20BFP	RB	20S	5W	1	8	11	67	10	
682	50	82	529	D	718011	363760	5397372	93F03	472L 8P	525	35BMB	GYBR	99A	30 N	1	7	11	49	5	
683	50	82	529	D	718012	363805	5397375	93F03	273L 1P	515	25BMB	OBR	25S	15N	1	12	10	44	8	
684	50	82	529	D	718013	363851	5397375	93F03	272L 1	520	30BMB	OBR	40A	20	1	8	10	42	9	
685	50	82	529	D	718014	363946	5397383	93F03	373L 1	515	25BMB	OBR	35A	30N	1	9	9	50	10	
686	50	82	529	D	718015	364031	5397389	93F03	272L 1	515	25BMB	BR	15S	5N	1	8	9	45	9	
687	50	82	529	D	718016	364124	5397395	93F03	272L 1	10	20BMB	BR	35S	3N	1	6	10	74	6	
688	50	82	529	D	718017	364226	5397401	93F03	272L 1	5	3	15BFP	RB	10S	10W	2	7	13	68	10
689	50	82	529	D	718018	364329	5397407	93F03	372L 9P	530	40BMB	BR	15A	22NW	2	10	19	64	10	
690	50	82	529	D	718019	364426	5397414	93F03	473L 1	515	25BMB	BR	20S	10SE	1	9	10	58	8	
691	50	82	529	D	718020	364525	5397420	93F03	472L 1P	515	25BMB	BR	25S	25W	1	10	12	57	9	
692	50	82	529	D	718021	364624	5397427	93F03	172L 9B	510	20BMB	RBR	99A	0	1	7	20	65	6	
693	50	82	529	D	718022	364726	5397433	93F03	172L 9B	510	25BFP	BR	90A	0	1	8	17	60	8	
694	50	82	529	D	718023	364827	5397435	93F03	273L 9B	515	25BMB	BR	90A	5S	1	10	17	78	9	
695	50	82	529	D	718024	363271	5397741	93F03	572L 1	515	25BFP	RB	30S	5NE	2	14	22	189	16	
696	50	82	529	D	718025	363570	5397709	93F03	272L 1	510	20BMB	OLBR	50S	15SW	1	13	17	70	18	
697	50	82	529	D	718026	363675	5397709	93F03	272L 1P	415	25BFP	BR	25S	10NW	3	7	11	146	9	
698	50	82	529	D	718027	363773	5397710	93F03	472L 1P	525	35BMB	BR	20A	0	1	15	8	125	7	
699	50	82	529	D	718028	363874	5397708	93F03	272L 1	510	20BFP	BR	15A	10W	1	10	12	107	15	
700	50	82	529	D	718029	363975	5397709	93F03	272L 1	515	25BFP	RBR	35M	5N	1	8	14	78	6	
701	50	82	529	D	* 718030	364074	5397709	93F03	274LS1	535	45BMB	OLBR	40A	5N	1	13	7	29	6	
702	50	82	529	D	* 718031	364074	5397709	93F03	273LS1	535	45BMB	OBR	25M	5N	1	16	13	64	8	

RECD	TY	YE	PRJ	ID	UTM-E	UTM-N	NTS	pH	ROK	SCINT	SLPE	Mo	Cu	Pb	Zn	Ni				
703	50	82	529	D	718032	364174	5397710	93F03	272L 1	525	35BMB	BR	20S	15N	1	7	17	90	8	
704	50	82	529	D	718033	364276	5397710	93F03	272L 1P	515	25BFP	BR	35A	20N	1	7	11	77	5	
705	50	82	529	D	718034	364376	5397710	93F03	472L 8P	510	20BMB	YBR	80A	5N	1	4	14	35	2	
706	50	82	529	D	718035	364475	5397710	93F03	472L 1	525	35BMC	YOLBR	10S	5N	2	19	16	84	9	
707	50	82	529	D	718036	364577	5397709	93F03	372L 1	425	35BFP	RBR	5S	40NW	1	6	10	44	6	
708	50	82	529	D	718037	364675	5397710	93F03	372L 8	510	35BMB	OLBR	95A	35NW	1	8	11	41	5	
709	50	82	529	D	718038	364778	5397711	93F03	372L 8	535	45BFP	RBR		35NW	1	8	8	97	8	
710	50	82	529	D	718039	364857	5397710	93F03	572L 8P	7	BMB	BR	75A	40NW	1	41	16	92	15	
711	50	82	529	D	718040	363170	5397710	93F03	172L 2	335	45BMB	YGR	00	40S	1	9	7	47	11	
712	50	82	529	D	718041	363073	5397711	93F03	372L 1	475	25BMB	BR	30S	35NW	1	9	7	44	10	
713	50	82	529	D	718042	362972	5397711	93F03	572L 2	310	20BFP	BR	00	000	1	6	7	66	7	
714	50	82	529	D	718043	362873	5397710	93F03	572L 2	310	20BMB	BR	00	00	1	8	5	39	7	
715	50	82	529	D	718044	364904	5397441	93F03	272L 9B	5	5	15BMB	BR	80A	5SW	1	6	15	61	5
716	50	82	529	D	718045	364892	5397812	93F03	272L 8	535	45BMB	BR	90A	20W	1	33	18	69	11	
717	50	82	529	D	718046	364893	5397902	93F03	272L 1	725	35BMB	BR	40A	20W	1	47	13	62	14	
718	50	82	529	D	718047	364892	5397990	93F03	372L 1P	515	25BMB	YBR	50A	30NW	1	16	11	46	9	
719	50	82	529	D	718048	364893	5398078	93F03	372L 1	515	25BMB	LBR	50A	35NW	2	8	13	38	7	
720	50	82	529	D	718049	364893	5398182	93F03	472L 1	415	25BFP	BR	30S	35NW	1	6	9	38	6	
721	50	82	529	D	718050	364791	5398182	93F03	372L 1	525	35BFP	BR	60S	25W	1	6	11	57	9	
722	50	82	529	D	718051	364693	5398180	93F03	272L 1	415	25BFP	RB	30S	15W	1	10	9	44	11	
723	50	82	529	D	718052	364594	5398180	93F03	272L 9	510	20BFP	RBR	90A	5W	1	5	13	56	5	
724	50	82	529	D	718053	364496	5398179	93F03	172L 1	5	5	15BFP	RB	30S	0	1	7	8	44	9
725	50	82	529	D	718054	364408	5398179	93F03	272E 2	510	35BMB	YGR	15S	5W	1	11	9	35	7	
726	50	82	529	D	718055	364319	5398178	93F03	272L 1	515	25BFP	BR	15S	5N	1	8	7	50	7	
727	50	82	529	D	718056	364218	5398178	93F03	272L 1	410	20BFP	BR	10S	15W	1	5	6	57	5	
728	50	82	529	D	718057	364116	5398177	93F03	272L 1	525	35BFP	BR	10M	20W	1	7	8	43	9	
729	50	82	529	D	718058	364009	5398177	93F03	472L 1	415	25BMB	BR	5S	5W	1	10	5	46	7	

* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT.

T=0.369 DR=1 \$1.84, \$9.29T

\$COPY -8 *PRINT*

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ra	Sr
55	50	82	529	710040	2.0	373	3.1	0.1	10	5	36	20	2	0	2	0	2	1	3	58	88	15
56	50	82	529	710041	2.0	900	4.0	0.1	16	5	23	90	2	0	2	0	2	2	4	70	99	29
57	50	82	529	710042	2.0	755	4.1	0.1	15	5	22	50	2	0	2	0	2	2	3	73	84	22
58	50	82	529	710043	2.0	206	2.4	0.1	6	5	7	20	2	0	2	0	2	1	2	53	65	17
59	50	82	529	710044	2.0	269	2.1	0.2	5	5	10	20	2	0	2	0	2	1	2	48	69	22
60	50	82	529	710045	2.0	347	3.7	0.4	10	5	56	10	2	0	5	0	2	1	5	85	72	14
61	50	82	529	710046	2.0	400	2.7	0.2	6	5	6	30	2	0	2	0	2	1	3	59	76	12
62	50	82	529	710047	2.0	299	2.7	0.1	7	5	7	20	2	0	5	0	2	1	3	58	123	33
63	50	82	529	710048	2.0	322	2.5	0.1	6	5	3	15	2	0	2	0	2	1	2	56	68	20
64	50	82	529	710049	2.0	213	2.4	0.2	5	5	8	20	2	0	2	0	2	1	2	52	57	17
65	50	82	529	710050	2.0	572	2.7	0.1	8	5	24	20	2	0	2	0	2	2	3	57	85	11
66	50	82	529	710051	2.0	217	3.7	0.1	8	5	42	20	2	0	2	0	2	1	3	78	80	14
67	50	82	529	710052	2.0	563	4.9	0.1	12	5	76	60	2	0	2	0	2	1	3	82	84	11
68	50	82	529	710053	2.0	312	4.1	0.1	12	5	43	50	2	0	2	0	2	1	3	73	92	16
69	50	82	529	710054	2.0	323	3.8	0.8	13	5	64	40	2	0	2	0	2	2	3	58	99	50
70	50	82	529	710055	2.0	293	2.8	0.1	8	5	25	40	2	0	2	0	2	1	2	55	82	19
71	50	82	529	710056	2.0	191	2.6	0.1	4	5	14	20	2	0	2	0	2	1	2	65	57	14
72	50	82	529	710057	2.0	166	2.6	0.1	4	5	13	30	2	0	2	0	2	1	2	65	35	18
73	50	82	529	710058	2.0	231	3.6	0.2	6	5	84	60	2	0	2	0	2	1	2	68	68	15
74	50	82	529	710059	2.0	1032	3.0	0.7	7	5	21	60	2	0	2	0	2	2	3	54	154	48
75	50	82	529	710060	2.0	220	2.9	0.3	5	5	15	30	2	0	2	0	2	1	2	65	84	17
76	50	82	529	710061	2.0	207	2.5	0.1	4	5	12	20	2	0	2	0	2	1	2	63	60	15
77	50	82	529	710062	2.0	224	2.7	0.1	6	5	18	20	2	0	2	0	2	1	2	54	102	13
78	50	82	529	710063	15.0	994	1.9	2.2	6	5	24	0	2	0	2	0	2	4	3	29	801	140
79	50	82	529	710064	2.0	227	2.9	0.2	6	5	16	0	2	0	2	0	2	1	3	57	93	14
80	50	82	529	710065	2.0	135	2.3	0.3	3	5	8	135	0	2	0	0	2	1	2	56	60	11
81	50	82	529	710066	2.0	210	1.8	0.1	2	5	5	0	2	0	2	0	2	1	2	43	58	9
82	50	82	529	710067	2.0	98	0.8	0.2	2	5	3	0	2	0	2	0	2	1	2	22	106	14
83	50	82	529	710068	2.0	191	2.3	0.1	6	5	23	0	2	0	2	0	2	1	3	49	70	10
84	50	82	529	710069	2.0	102	2.0	0.7	3	5	12	0	2	0	2	0	2	1	3	38	58	6
85	50	82	529	710070	2.0	102	1.9	0.2	3	5	11	0	2	0	2	0	2	1	3	39	72	7
86	50	82	529	710071	2.0	157	3.1	0.3	4	5	11	0	2	0	2	0	2	1	2	56	62	11
87	50	82	529	710072	2.0	108	3.0	0.2	3	5	18	0	2	0	2	0	2	1	3	71	92	14
88	50	82	529	710073	2.0	245	2.5	0.1	3	5	14	0	2	0	2	0	2	1	2	54	80	9
89	50	82	529	710074	2.0	195	1.8	0.1	3	5	13	0	2	0	2	0	2	1	2	43	155	22
90	50	82	529	710075	2.0	145	2.3	0.2	4	5	20	0	2	0	2	0	2	1	2	49	52	7
91	50	82	529	710076	2.0	105	1.5	0.1	2	5	10	0	2	0	2	0	2	1	2	42	92	11
92	50	82	529	710077	2.0	903	2.7	0.3	9	5	26	0	2	0	2	0	2	1	3	55	151	26
93	50	82	529	710078	2.0	271	1.9	0.5	4	5	23	0	2	0	2	0	2	1	3	39	127	17
94	50	82	529	710079	2.0	127	3.2	0.3	3	5	44	0	2	0	2	0	2	1	2	66	55	6
95	50	82	529	710080	2.0	174	1.6	0.2	3	5	12	0	2	0	2	0	2	1	2	36	109	11
96	50	82	529	710081	2.0	189	1.6	0.1	3	5	13	0	2	0	2	0	2	1	3	35	111	12
97	50	82	529	710082	2.0	295	1.9	0.2	4	5	17	0	2	0	2	0	2	1	2	43	49	12
98	50	82	529	710083	2.0	373	2.9	0.3	8	5	5	0	2	0	2	0	2	1	3	64	370	20
99	50	82	529	710084	2.0	250	2.6	0.1	7	5	18	0	2	0	2	0	2	1	2	60	92	18
100	50	82	529	710085	2.0	454	2.5	0.1	8	5	10	0	2	0	2	0	2	1	3	53	87	15
101	50	82	529	710086	2.0	297	2.3	0.3	6	5	11	0	2	0	2	0	2	1	2	52	98	27
102	50	82	529	710087	2.0	194	2.9	0.1	5	5	15	0	2	0	2	0	2	1	2	74	68	17
103	50	82	529	710088	4.0	3171	3.2	1.5	13	5	98	0	2	0	2	0	2	3	7	55	415	224
104	50	82	529	710090	2.0	755	4.8	1.1	14	15	35	0	2	0	2	0	2	2	5	166	121	40
105	50	82	529	710091	2.0	1347	3.8	0.4	15	5	59	0	2	0	2	0	2	7	4	63	174	80
106	50	82	529	710092	2.0	881	6.0	0.2	17	5	220	0	2	0	2	0	2	2	4	62	54	18
107	50	82	529	710093	2.0	290	3.0	0.3	8	5	53	0	2	0	2	0	2	4	3	66	69	46
108	50	82	529	710094	2.0	225	3.5	0.1	9	5	29	0	2	0	2	0	2	1	4	71	107	22

LISTING OF GEOCHEMICAL SURVEY - RANGE CLAIMS

AUGUST 18, 1982

PART 2 PAGE 1

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	T	Th	Cd	Bi	V	Ba	Sr
1				710031	2.0	176	2.1	0.2	4	5	3	30	2	0	2	0	2	1	2	56	361	37
2				711636	2.0	157	2.4	0.1	5	5	9	0	2	0	2	0	2	1	2	43	72	9
3				711637	2.0	417	1.8	0.2	5	5	5	0	2	0	2	0	2	1	2	33	353	95
4	10	82	529	710010	3.0	1318	3.1	0.6	9	5	23	70	2	0	2	0	2	1	2	39	444	83
5	10	82	529	710034	8.0	7150	4.3	1.3	10	5	45	200	4	0	2	0	3	1	4	37	845	134
6	10	82	529	710037	2.0	492	2.3	0.8	5	5	15	90	2	0	2	0	2	1	2	40	356	105
7	10	82	529	710089	3.0	740	0.3	1.3	1	5	10	0	4	0	2	0	2	5	2	5	92	171
8	10	82	529	711121	7.0	844	2.3	1.1	6	5	22	100	2	0	2	0	2	1	2	30	433	90
9	10	82	529	711122	3.0	1362	2.2	0.6	7	5	21	50	2	0	2	0	2	1	2	19	323	45
10	10	82	529	711124	2.0	1754	3.2	0.1	13	5	11	5	2	0	2	0	3	1	2	35	246	32
11	10	82	529	711135	2.0	2018	2.8	1.8	10	10	287	120	5	0	2	0	2	7	2	23	195	57
12	10	82	529	711179	2.0	1713	3.4	0.1	14	5	19	0	2	0	2	0	2	1	5	43	248	33
13	10	82	529	711180	3.0	1978	3.4	0.1	14	5	17	0	2	0	2	0	2	1	4	38	290	39
14	10	82	529	711214	3.0	427	1.6	0.2	4	5	22	0	3	0	2	0	2	2	2	29	51	65
15	10	82	529	711216	3.0	906	2.9	0.1	10	5	29	0	2	0	2	0	2	1	2	55	78	30
16	10	82	529	711253	2.0	503	1.7	0.4	5	5	22	0	2	0	2	0	2	1	2	31	86	45
17	10	82	529	711598	2.0	972	3.0	0.3	10	5	42	0	3	0	2	0	2	1	2	37	190	34
18	10	82	529	711617	20.0	13710	2.9	1.6	80	50	7260	0	60	0	20	0	20	70	30	240	1530	240
19	10	82	529	711622	20.0	14280	3.2	0.5	110	50	210	0	40	0	20	0	20	10	20	310	2740	340
20	50	82	529	710001	2.0	252	2.7	0.2	6	5	31	50	2	0	2	0	2	1	2	60	50	16
21	50	82	529	710002	2.0	266	3.1	0.3	7	5	16	25	3	0	2	0	2	2	2	71	59	16
22	50	82	529	710003	2.0	741	3.1	0.1	9	5	19	25	2	0	2	0	2	4	2	73	65	24
23	50	82	529	710004	2.0	1069	6.2	0.2	31	5	137	50	2	0	2	0	2	5	4	109	66	39
24	50	82	529	710005	2.0	814	5.6	0.2	28	5	413	30	5	0	2	0	2	3	7	110	51	44
25	50	82	529	710006	2.0	546	4.4	0.2	15	5	72	20	3	0	2	0	2	2	8	103	35	21
26	50	82	529	710007	2.0	1525	4.1	0.2	12	5	59	50	2	0	2	0	2	2	5	100	68	11
27	50	82	529	710008	2.0	315	2.4	0.1	6	5	2	30	2	0	2	0	2	1	2	54	106	21
28	50	82	529	710009	2.0	359	3.7	0.2	8	5	16	40	2	0	2	0	2	1	2	71	145	15
29	50	82	529	710011	2.0	158	2.0	0.3	4	5	14	30	2	0	2	0	2	1	2	42	165	40
30	50	82	529	710012	2.0	388	2.3	0.3	6	5	8	30	2	0	2	0	2	1	2	49	414	61
31	50	82	529	710013	2.0	539	2.7	0.5	7	5	11	40	2	0	2	0	2	1	2	48	439	57
32	50	82	529	710014	2.0	105	1.4	0.1	3	5	5	20	2	0	2	0	2	1	2	38	122	16
33	50	82	529	710015	2.0	278	1.7	0.2	3	5	2	25	2	0	2	0	2	1	2	39	361	42
34	50	82	529	710016	2.0	728	2.3	0.4	7	5	6	30	2	0	2	0	2	1	2	47	258	64
35	50	82	529	710017	2.0	365	2.7	0.9	6	5	12	100	2	0	2	0	2	1	2	46	378	96
36	50	82	529	710018	2.0	212	1.5	0.1	3	5	3	10	2	0	2	0	2	1	2	34	110	31
37	50	82	529	710019	2.0	226	1.5	0.3	3	5	2	20	2	0	2	0	2	1	2	32	151	33
38	50	82	529	710020	2.0	259	4.5	0.3	8	5	29	70	2	0	2	0	2	1	2	84	96	13
39	50	82	529	710021	2.0	295	4.2	0.1	8	15	25	70	2	0	2	0	2	1	2	79	107	15
40	50	82	529	710022	2.0	704	4.7	0.3	19	5	59	50	2	0	2	0	2	3	2	74	116	30
41	50	82	529	710023	2.0	698	3.4	0.1	16	5	29	35	2	0	2	0	2	1	2	75	137	27
42	50	82	529	710024	2.0	184	2.6	0.2	7	5	22	10	2	0	2	0	2	1	2	64	41	19
43	50	82	529	710025	2.0	322	2.7	0.3	9	5	43	30	2	0	2	0	2	1	2	55	115	33
44	50	82	529	710026	11.0	482	1.3	1.0	3	5	9	190	2	0	2	0	2	2	2	15	192	219
45	50	82	529	710027	4.0	1222	4.3	2.2	11	5	43	200	2	0	2	0	2	1	2	43	417	121
46	50	82	529	710028	2.0	368	2.0	0.6	5	5	12	60	2	0	2	0	2	1	2	44	185	52
47	50	82	529	710029	2.0	205	1.8	0.4	4	5	3	170	2	0	2	0	2	1	2	35	284	48
48	50	82	529	710030	2.0	158	2.6	0.1	5	5	2	30	2	0	2	0	2	1	2	67	136	24
49	50	82	529	710032	2.0	157	3.0	0.1	4	5	10	40	2	0	2	0	2	1	2	64	51	10
50	50	82	529	710033	2.0	255	3.0	0.1	4	5	26	45	2	0	2	0	2	1	2	52	40	6
51	50	82	529	710035	2.0	153	1.9	0.2	3	5	6	10	2	0	2	0	2	1	2	46	44	9
52	50	82	529	710036	2.0	342	1.9	0.3	6	5	8	20	2	0	2	0	2	1	2	46	116	21
53	50	82	529	710038	2.0	120	3.1	0.2	3	5	18	100	2	0	2	0	2	1	2	55	58	7
54	50	82	529	710039	2.0	390	3.0	0.1	7	5	19	20	2	0	2	0	2	1	2	70	64	10

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Si
109	50	82	529	710095	2.0	508	2.3	0.1	7	5	10	0	2	0	2	0	2	1	3	58	59	17
110	50	82	529	710096	2.0	1500	2.8	0.5	9	5	21	0	2	0	2	0	2	3	4	53	83	20
111	50	82	529	710097	2.0	970	3.3	0.4	11	5	24	0	2	0	2	0	2	2	5	65	100	61
112	50	82	529	710098	2.0	342	3.2	0.2	9	5	30	0	2	0	2	0	2	1	3	65	203	39
113	50	82	529	710099	2.0	263	2.1	0.2	6	15	6	0	2	0	2	0	2	1	2	59	80	20
114	50	82	529	710100	2.0	159	3.1	0.2	8	5	33	0	2	0	2	0	2	1	3	72	63	8
115	50	82	529	710101	2.0	157	2.9	0.4	8	5	31	0	2	0	2	0	2	1	3	68	59	11
116	50	82	529	710102	4.0	3964	5.1	1.8	22	5	180	0	3	0	2	0	2	12	8	58	126	19
117	50	82	529	710103	2.0	547	4.0	1.3	10	5	104	0	2	0	2	0	2	1	6	74	92	9
118	50	82	529	710104	2.0	686	4.7	2.3	13	5	163	0	2	0	2	0	2	1	5	84	133	11
119	50	82	529	710105	2.0	233	2.6	0.2	5	5	17	0	2	0	2	0	2	1	6	59	40	8
120	50	82	529	710106	4.0	3664	2.5	0.4	10	5	14	0	2	0	2	0	2	2	6	55	345	94
121	50	82	529	710107	20.0	11920	2.7	0.6	70	50	230	0	20	0	20	0	20	20	30	630	1340	420
122	50	82	529	710108	20.0	1780	4.2	0.1	40	50	190	0	20	0	20	0	20	10	30	940	560	80
123	50	82	529	710109	20.0	6000	3.1	0.3	100	50	1300	0	20	0	20	0	20	20	30	450	1390	470
124	50	82	529	710110	20.0	1860	30.0	0.1	40	50	200	0	20	0	20	0	20	10	20	670	470	110
125	50	82	529	710111	20.0	3070	2.7	0.2	40	50	320	0	20	0	20	0	20	10	30	630	480	60
126	50	82	529	710112	20.0	1740	2.3	0.3	50	50	250	0	20	0	20	0	20	10	30	530	2070	150
127	50	82	529	710113	20.0	2320	1.2	0.1	30	50	70	0	20	0	20	0	20	10	20	300	2190	180
128	50	82	529	710114	20.0	2710	2.3	0.1	50	50	140	0	20	0	20	0	20	10	30	460	1080	70
129	50	82	529	710115	2.0	625	2.4	0.2	5	5	28	0	2	0	2	0	2	1	3	44	112	8
130	50	82	529	710116	2.0	89	1.7	0.1	2	5	9	0	2	0	2	0	2	1	2	44	102	8
131	50	82	529	710117	2.0	201	2.2	0.1	5	5	19	0	2	0	2	0	2	1	3	45	101	7
132	50	82	529	710118	2.0	957	2.1	0.1	5	5	15	0	2	0	2	0	2	1	3	46	119	10
133	50	82	529	710119	3.0	192	2.5	0.2	5	5	22	0	2	0	2	0	2	1	2	49	36	9
134	50	82	529	710120	2.0	565	2.5	0.2	8	5	27	0	2	0	2	0	2	1	2	42	101	14
135	50	82	529	710121	2.0	668	2.4	0.4	7	5	28	0	2	0	2	0	2	1	2	42	123	15
136	50	82	529	710122	2.0	121	3.4	0.2	4	5	10	0	2	0	2	0	2	1	2	81	62	12
137	50	82	529	710123	2.0	1281	3.2	0.8	7	5	29	0	2	0	2	0	2	1	2	40	234	56
138	50	82	529	710124	4.0	1168	5.4	0.1	8	5	53	0	2	0	2	0	2	1	2	77	65	5
139	50	82	529	710125	5.0	712	2.7	0.8	7	5	23	0	2	0	2	0	2	1	2	43	224	40
140	50	82	529	710126	2.0	208	3.3	0.3	4	5	29	0	2	0	2	0	2	1	2	57	128	9
141	50	82	529	710127	2.0	122	2.4	0.1	3	5	13	0	2	0	2	0	2	1	2	52	54	8
142	50	82	529	710128	4.0	378	2.7	0.2	5	5	12	0	2	0	2	0	2	1	2	48	93	11
143	50	82	529	710129	2.0	170	2.1	0.2	4	5	18	0	2	0	2	0	2	1	2	39	135	14
144	50	82	529	710130	2.0	922	3.2	0.5	8	5	17	0	2	0	2	0	2	1	3	51	394	56
145	50	82	529	710131	2.0	339	2.6	0.1	5	5	15	0	2	0	2	0	2	1	2	46	102	6
146	50	82	529	710132	2.0	202	2.5	0.1	6	5	18	0	2	0	2	0	2	1	2	44	181	12
147	50	82	529	710133	2.0	165	2.5	0.2	3	5	6	0	2	0	2	0	2	1	2	49	71	6
148	50	82	529	710134	2.0	206	2.1	0.1	4	5	9	0	2	0	2	0	2	1	2	41	49	7
149	50	82	529	710135	11.0	3209	3.4	0.9	9	5	28	0	5	0	2	0	5	1	5	44	817	96
150	50	82	529	710136	2.0	281	2.7	0.1	5	5	8	0	2	0	2	0	2	1	2	51	94	8
151	50	82	529	710137	2.0	119	1.7	0.1	4	5	7	0	2	0	2	0	2	1	2	33	65	7
152	50	82	529	711101	20.0	6210	2.5	0.1	110	50	230	250	20	0	20	0	20	20	40	560	420	140
153	50	82	529	711102	20.0	7210	2.5	0.2	70	50	260	200	30	0	20	0	20	20	30	530	800	190
154	50	82	529	711103	2.0	763	3.9	0.1	13	5	81	60	5	0	2	0	2	4	6	66	74	17
155	50	82	529	711104	2.0	342	3.1	0.2	7	5	19	30	2	0	2	0	2	2	3	61	67	20
156	50	82	529	711105	2.0	324	3.9	0.1	11	5	17	60	2	0	2	0	2	2	7	72	54	23
157	50	82	529	711106	2.0	881	5.7	0.1	50	5	7	140	2	0	2	0	2	8	8	54	23	36
158	50	82	529	711107	2.0	1678	5.8	0.1	22	5	170	30	2	0	2	0	2	4	11	141	46	22
159	50	82	529	711108	2.0	460	3.6	0.2	11	5	60	10	2	0	7	0	2	1	15	73	62	27
160	50	82	529	711109	2.0	481	3.9	0.1	11	5	20	25	2	0	11	0	2	2	14	95	58	19
161	50	82	529	711110	2.0	354	2.8	0.1	6	5	14	10	2	0	3	0	2	1	5	61	47	21
162	50	82	529	711111	2.0	615	3.6	0.2	15	5	136	100	2	0	2	0	2	1	5	79	58	34

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Tl	Cd	Bi	V	Ba	Sr
163	50	82	529	711112	2.0	2560	7.5	0.1	53	5	29	80	2	0	2	0	2	7	13	71	84	30
164	50	82	529	711113	2.0	382	3.2	0.1	11	5	39	50	2	0	2	0	2	1	2	69	79	13
165	50	82	529	711114	2.0	814	3.7	0.1	16	5	47	35	2	0	2	0	2	2	2	74	110	23
166	50	82	529	711115	2.0	1108	3.2	0.2	13	5	107	40	3	0	2	0	2	5	3	67	86	22
167	50	82	529	711116	2.0	209	2.6	0.2	6	10	26	40	2	0	2	0	2	1	2	64	52	14
168	50	82	529	711117	2.0	211	2.9	0.4	7	5	20	30	2	0	2	0	2	1	2	65	63	16
169	50	82	529	711118	30.0	2835	4.1	2.0	11	5	18	120	2	0	2	0	8	2	2	39	630	61
170	50	82	529	711119	2.0	180	2.4	0.3	4	5	16	35	2	0	2	0	2	1	2	62	81	13
171	50	82	529	711120	2.0	179	2.6	0.3	4	5	23	25	3	0	2	0	2	1	2	70	51	7
172	50	82	529	711123	3.0	655	2.8	0.6	7	5	25	70	2	0	2	0	2	1	2	41	404	92
173	50	82	529	711125	2.0	261	2.8	0.1	9	5	32	10	3	0	2	0	2	1	2	61	92	15
174	50	82	529	711126	2.0	760	2.7	0.2	13	5	9	40	2	0	2	0	2	1	2	54	192	27
175	50	82	529	711127	2.0	174	2.9	0.3	6	5	9	20	2	0	2	0	2	1	2	60	264	27
176	50	82	529	711128	2.0	214	2.9	0.1	7	5	7	30	2	0	2	0	2	1	2	55	206	19
177	50	82	529	711129	2.0	357	1.9	0.1	5	5	5	20	2	0	2	0	2	1	2	44	154	40
178	50	82	529	711130	2.0	1473	2.3	0.4	7	5	12	50	2	0	2	0	2	1	2	40	331	84
179	50	82	529	711131	2.0	113	1.3	0.1	3	5	5	20	2	0	2	0	2	1	2	31	59	13
180	50	82	529	711132	2.0	172	1.3	0.1	3	5	2	5	2	0	2	0	2	1	2	33	108	22
181	50	82	529	711133	2.0	125	1.4	0.1	3	5	4	20	2	0	2	0	2	1	2	38	88	20
182	50	82	529	711134	2.0	211	2.9	0.1	7	25	87	20	2	0	2	0	2	1	2	67	64	17
183	50	82	529	711136	2.0	827	2.3	1.2	5	5	422	40	7	0	2	0	2	1	2	12	75	7
184	50	82	529	711137	2.0	176	1.5	0.3	3	10	6	20	2	0	2	0	2	1	2	13	67	5
185	50	82	529	711138	2.0	193	2.4	0.1	5	5	7	20	2	0	2	0	2	1	2	58	85	12
186	50	82	529	711139	2.0	438	2.3	0.1	5	5	6	10	2	0	2	0	2	1	2	56	121	12
187	50	82	529	711140	2.0	1206	2.9	0.1	11	15	21	30	4	0	2	0	2	1	2	66	64	9
188	50	82	529	711141	2.0	765	4.1	0.2	14	5	14	15	3	0	40	0	2	3	98	82	67	18
189	50	82	529	711142	2.0	390	2.7	0.1	10	5	21	20	2	0	2	0	2	1	3	64	57	30
190	50	82	529	711143	2.0	879	3.8	0.1	15	10	34	25	2	0	2	0	2	2	21	84	58	34
191	50	82	529	711144	2.0	324	3.1	0.1	9	5	45	30	2	0	2	0	2	1	2	65	78	21
192	50	82	529	711145	2.0	1548	2.9	0.1	12	5	77	20	3	0	2	0	2	4	7	62	95	24
193	50	82	529	711146	2.0	308	3.0	0.1	8	5	40	40	2	0	2	0	2	2	2	62	60	21
194	50	82	529	711147	2.0	199	2.6	0.1	7	5	30	10	2	0	2	0	2	1	2	60	63	13
195	50	82	529	711148	2.0	346	3.4	0.2	10	5	21	30	2	0	2	0	2	1	2	68	90	17
196	50	82	529	711149	2.0	276	3.1	0.2	10	5	42	40	2	0	2	0	2	1	2	65	81	18
197	50	82	529	711150	2.0	175	3.1	0.2	5	5	14	20	2	0	2	0	2	1	2	81	64	11
198	50	82	529	711151	2.0	186	4.0	0.1	6	5	35	35	2	0	2	0	2	1	2	100	84	9
199	50	82	529	711152	2.0	140	2.6	0.1	5	5	25	30	2	0	2	0	2	1	2	60	51	9
200	50	82	529	711153	2.0	134	3.1	0.1	4	5	23	15	2	0	2	0	2	1	2	72	52	10
201	50	82	529	711154	2.0	422	2.3	0.3	6	5	14	30	3	0	2	0	2	1	2	49	188	48
202	50	82	529	711155	2.0	173	2.3	0.1	4	5	7	15	2	0	2	0	2	1	2	53	65	9
203	50	82	529	711156	2.0	149	2.6	0.1	4	5	3	30	2	0	2	0	2	1	2	62	74	15
204	50	82	529	711157	2.0	1260	2.6	0.2	8	5	8	40	2	0	2	0	2	1	2	46	453	19
205	50	82	529	711158	2.0	175	2.4	0.1	5	5	15	5	2	0	2	0	2	1	2	69	50	13
206	50	82	529	711159	2.0	403	3.9	0.1	10	5	17	35	2	0	2	0	2	1	2	85	61	22
207	50	82	529	711160	2.0	616	2.4	0.1	8	5	17	30	2	0	2	0	2	1	2	57	71	15
208	50	82	529	711161	2.0	746	3.7	0.1	14	5	22	25	2	0	2	0	2	1	2	84	130	22
209	50	82	529	711162	2.0	333	3.1	0.1	9	5	31	20	2	0	2	0	2	1	2	65	98	29
210	50	82	529	711163	2.0	336	3.1	0.2	9	5	29	25	2	0	2	0	2	1	2	66	100	30
211	50	82	529	711164	2.0	426	4.4	0.5	13	5	76	60	3	0	2	0	2	2	2	84	86	16
212	50	82	529	711165	2.0	287	2.8	0.1	8	5	16	30	2	0	2	0	2	1	2	62	56	32
213	50	82	529	711166	2.0	182	2.7	0.1	5	5	3	15	2	0	2	0	2	1	2	68	114	12
214	50	82	529	711167	2.0	360	3.3	0.1	8	5	8	40	3	0	2	0	2	1	2	68	81	21
215	50	82	529	711168	2.0	292	3.6	0.1	8	5	60	10	2	0	2	0	2	1	2	90	43	11
216	50	82	529	711169	2.0	239	3.2	0.5	6	5	28	50	2	0	2	0	2	1	2	63	50	14

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Pb	Si
271	50	82	529	711228	3.0	188	3.0	0.3	4	5	6	0	2	0	2	0	2	1	2	63	61	14
272	50	82	529	711229	2.0	149	3.1	0.1	4	5	7	0	2	0	2	0	2	1	2	59	67	6
273	50	82	529	711230	2.0	159	2.6	0.3	4	5	14	0	2	0	2	0	2	1	2	49	51	5
274	50	82	529	711231	2.0	161	3.4	0.1	4	5	26	0	2	0	2	0	2	1	2	59	48	5
275	50	82	529	711232	2.0	165	2.1	0.2	3	5	25	0	2	0	2	0	2	1	2	43	45	6
276	50	82	529	711233	2.0	155	2.6	0.2	3	5	24	0	2	0	2	0	2	1	2	52	59	6
277	50	82	529	711234	2.0	150	1.9	0.3	4	10	16	0	2	0	2	0	2	1	2	40	104	14
278	50	82	529	711235	2.0	439	2.6	0.5	5	5	4	0	2	0	2	0	2	1	2	59	67	10
279	50	82	529	711236	2.0	185	1.7	0.4	4	5	10	0	3	0	2	0	2	1	2	42	72	29
280	50	82	529	711237	2.0	159	2.9	0.3	6	5	7	0	2	0	2	0	2	1	2	72	77	13
281	50	82	529	711238	2.0	349	2.0	0.3	5	5	7	0	2	0	2	0	2	1	2	47	66	12
282	50	82	529	711239	2.0	1156	2.3	0.4	11	5	8	0	2	0	2	0	2	1	4	48	120	30
283	50	82	529	711240	2.0	396	2.4	0.1	6	5	4	0	2	0	2	0	2	1	3	56	68	12
284	50	82	529	711241	2.0	258	2.4	0.1	5	5	3	0	2	0	2	0	2	1	2	56	58	11
285	50	82	529	711242	2.0	236	2.0	0.3	6	5	6	0	2	0	2	0	2	1	3	47	156	22
286	50	82	529	711243	2.0	274	2.0	0.2	5	5	11	0	3	0	2	0	2	1	3	40	110	11
287	50	82	529	711244	2.0	171	2.6	0.3	7	5	11	0	2	0	2	0	2	1	3	51	148	12
288	50	82	529	711245	2.0	163	2.3	0.1	5	5	6	0	2	0	2	0	2	1	2	56	99	16
289	50	82	529	711246	2.0	421	1.9	0.3	5	5	7	0	2	0	2	0	2	1	3	47	149	34
290	50	82	529	711247	2.0	554	3.2	0.8	6	10	10	0	2	0	2	0	2	1	4	55	319	64
291	50	82	529	711248	2.0	100	1.4	0.2	3	5	4	0	2	0	2	0	2	1	2	32	99	10
292	50	82	529	711249	2.0	193	2.2	0.2	4	5	7	0	2	0	2	0	2	1	3	44	65	6
293	50	82	529	711250	2.0	65	0.8	0.1	2	10	4	0	2	0	2	0	2	1	2	24	53	11
294	50	82	529	711251	2.0	170	2.3	0.1	4	55	6	0	2	0	2	0	2	1	3	48	60	6
295	50	82	529	711252	2.0	115	2.8	0.5	4	5	13	0	2	0	2	0	2	1	2	68	47	9
296	50	82	529	711254	2.0	175	2.1	0.5	5	5	17	0	2	0	2	0	2	1	2	48	72	25
297	50	82	529	711255	2.0	187	2.4	0.4	5	5	32	0	3	0	2	0	2	1	2	48	82	16
298	50	82	529	711256	2.0	175	1.9	0.3	5	5	13	0	2	0	2	0	2	1	2	45	45	22
299	50	82	529	711257	2.0	128	3.0	0.2	4	5	29	0	4	0	2	0	2	1	2	78	34	8
300	50	82	529	711258	2.0	157	2.4	0.6	6	15	14	0	2	0	2	0	2	1	2	50	63	12
301	50	82	529	711259	2.0	137	2.6	0.2	5	5	17	0	2	0	2	0	2	1	3	59	80	20
302	50	82	529	711260	2.0	146	3.0	0.4	5	85	18	0	3	0	2	0	2	1	2	75	54	10
303	50	82	529	711261	2.0	143	3.1	0.3	5	10	23	0	4	0	2	0	2	1	2	78	43	8
304	50	82	529	711262	2.0	3121	3.5	0.7	19	5	11	0	5	0	2	0	2	5	6	73	193	39
305	50	82	529	711263	2.0	251	1.9	0.3	5	5	5	0	2	0	2	0	2	1	3	45	77	12
306	50	82	529	711264	2.0	1160	3.1	0.6	7	5	31	0	2	0	2	0	2	2	4	53	185	40
307	50	82	529	711265	2.0	474	2.7	0.9	6	5	57	0	3	0	2	0	2	1	3	45	212	8
308	50	82	529	711266	2.0	306	2.3	0.4	6	5	14	0	2	0	2	0	2	1	2	56	74	15
309	50	82	529	711267	2.0	388	3.1	1.3	6	5	27	0	2	0	2	0	2	1	3	62	103	8
310	50	82	529	711268	2.0	217	2.5	0.7	5	5	11	0	2	0	2	0	2	1	2	55	100	6
311	50	82	529	711269	2.0	146	2.0	0.2	4	5	3	0	2	0	2	0	2	1	2	54	59	19
312	50	82	529	711270	2.0	336	2.4	0.5	4	5	7	0	2	0	2	0	2	1	3	56	127	50
313	50	82	529	711271	2.0	452	2.4	0.3	7	5	8	0	2	0	2	0	2	1	2	50	91	11
314	50	82	529	711272	2.0	118	2.0	0.2	5	5	6	0	2	0	2	0	2	1	2	44	84	13
315	50	82	529	711273	2.0	757	5.2	1.3	14	5	22	0	3	0	2	0	2	1	5	62	122	29
316	50	82	529	711274	2.0	136	1.7	0.1	4	5	5	0	2	0	2	0	2	1	2	43	100	25
317	50	82	529	711275	2.0	166	2.2	0.1	5	5	6	0	2	0	2	0	2	1	3	48	63	10
318	50	82	529	711276	2.0	201	2.4	0.1	5	5	5	0	2	0	2	0	2	1	4	49	80	10
319	50	82	529	711277	2.0	893	2.0	0.1	5	5	2	0	2	0	2	0	2	1	3	42	70	12
320	50	82	529	711278	2.0	183	2.3	0.2	5	5	4	0	2	0	2	0	2	1	2	49	69	10
321	50	82	529	711279	2.0	215	4.2	0.8	6	5	186	0	2	0	2	0	2	1	4	103	75	9
322	50	82	529	711280	2.0	229	2.3	0.2	6	5	17	0	2	0	2	0	2	1	2	56	58	10
323	50	82	529	711281	2.0	203	2.9	0.2	8	5	54	0	2	0	2	0	2	1	2	62	56	18
324	50	82	529	711282	2.0	838	2.7	0.3	9	5	52	0	2	0	2	0	2	1	3	55	62	11

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
217	50	82	529	711170	2.0	439	2.0	0.2	5	5	2	20	2	0	2	0	2	1	2	48	95	39
218	50	82	529	711171	2.0	822	2.7	0.4	8	5	14	20	3	0	2	0	2	1	2	54	141	41
219	50	82	529	711172	2.0	1666	2.8	0.6	9	5	13	40	2	0	2	0	2	2	2	47	411	61
220	50	82	529	711173	2.0	137	3.4	0.3	4	5	9	30	2	0	2	0	2	1	2	76	49	13
221	50	82	529	711174	2.0	548	2.6	0.3	8	5	11	30	2	0	2	0	2	1	2	52	192	18
222	50	82	529	711175	2.0	183	3.0	0.1	4	5	15	40	2	0	2	0	2	1	2	60	70	10
223	50	82	529	711176	2.0	666	1.9	0.2	5	5	9	25	2	0	2	0	2	1	2	40	88	8
224	50	82	529	711177	2.0	211	2.4	0.1	4	5	17	20	2	0	2	0	2	1	2	50	110	10
225	50	82	529	711178	2.0	165	3.7	0.2	4	5	39	35	3	0	2	0	2	1	2	67	44	7
226	50	82	529	711181	2.0	274	2.3	0.1	6	5	15	0	2	0	2	0	2	1	3	52	118	13
227	50	82	529	711182	2.0	723	2.7	0.6	7	5	12	0	2	0	2	0	2	1	4	42	301	53
228	50	82	529	711183	2.0	1995	3.0	0.5	11	5	8	0	2	0	2	0	2	1	5	54	283	45
229	50	82	529	711184	2.0	230	2.6	0.2	5	5	11	0	2	0	2	0	2	1	3	53	118	14
230	50	82	529	711185	2.0	429	3.6	0.5	7	5	7	0	2	0	2	0	2	1	5	58	222	31
231	50	82	529	711186	2.0	195	2.4	0.2	5	5	21	0	2	0	2	0	2	1	3	48	200	35
232	50	82	529	711187	2.0	123	2.7	0.3	3	5	17	0	2	0	2	0	2	1	3	58	81	8
233	50	82	529	711188	2.0	145	1.0	0.4	3	5	2	0	2	0	2	0	2	1	2	26	91	12
234	50	82	529	711189	2.0	245	2.1	0.7	5	5	20	0	2	0	2	0	2	1	3	47	153	15
235	50	82	529	711190	2.0	200	2.6	0.4	5	5	37	0	2	0	2	0	2	1	2	54	138	22
236	50	82	529	711191	2.0	720	2.2	0.7	7	5	16	0	2	0	2	0	2	1	3	42	163	28
237	50	82	529	711192	2.0	194	1.8	0.4	2	5	18	0	2	0	2	0	2	1	3	34	55	5
238	50	82	529	711193	3.0	3402	3.0	0.7	16	5	36	0	2	0	2	0	2	21	6	38	125	42
239	50	82	529	711194	2.0	367	3.0	0.2	9	5	23	0	2	0	2	0	2	1	3	65	74	12
240	50	82	529	711195	2.0	488	2.8	0.1	12	20	22	0	2	0	2	0	2	2	3	66	63	17
241	50	82	529	711196	2.0	548	4.6	0.1	9	15	163	0	2	0	2	0	2	3	21	63	144	95
242	50	82	529	711197	2.0	968	4.5	0.4	11	5	100	0	2	0	2	0	2	2	8	73	99	12
243	50	82	529	711198	2.0	264	3.5	0.4	7	10	45	0	2	0	2	0	2	1	5	73	42	15
244	50	82	529	711199	2.0	1192	2.9	0.6	11	15	24	0	2	0	2	0	2	3	4	63	122	28
245	50	82	529	711200	2.0	309	3.5	0.3	11	5	32	0	2	0	2	0	2	1	3	77	104	21
246	50	82	529	711201	2.0	347	3.3	0.3	11	5	26	0	2	0	2	0	2	1	3	78	101	20
247	50	82	529	711202	2.0	2042	3.0	0.3	21	5	31	0	2	0	2	0	2	5	4	54	86	28
248	50	82	529	711203	2.0	293	2.8	0.1	7	5	32	0	2	0	2	0	2	1	3	62	68	12
249	50	82	529	711204	2.0	1252	3.7	0.1	13	5	2	0	2	0	2	0	2	1	4	97	117	22
250	50	82	529	711205	2.0	152	1.7	0.1	4	5	5	0	2	0	2	0	2	1	2	41	91	19
251	50	82	529	711206	2.0	316	2.8	0.2	4	5	34	0	2	0	2	0	2	1	2	68	52	9
252	50	82	529	711207	3.0	173	1.7	0.5	4	5	5	0	2	0	2	0	2	1	2	43	134	20
253	50	82	529	711208	2.0	304	2.9	0.2	6	5	34	0	2	0	2	0	2	1	3	54	99	11
254	50	82	529	711209	2.0	41	0.6	0.1	1	5	2	0	2	0	2	0	2	1	2	18	32	7
255	50	82	529	711210	2.0	258	3.1	0.1	9	5	20	0	2	0	2	0	2	1	3	78	64	26
256	50	82	529	711211	2.0	402	2.7	0.1	7	5	12	0	2	0	2	0	2	1	2	53	78	14
257	50	82	529	711212	2.0	317	2.9	0.1	7	5	28	0	2	0	2	0	2	1	2	52	51	22
258	50	82	529	711213	2.0	231	2.9	0.2	8	5	36	0	3	0	2	0	2	1	2	57	59	15
259	50	82	529	711215	5.0	1958	3.2	0.6	13	105	30	0	2	0	2	0	2	2	5	52	73	20
260	50	82	529	711217	2.0	335	3.1	0.1	8	5	28	0	2	0	2	0	2	1	3	61	70	16
261	50	82	529	711218	2.0	269	2.8	0.1	8	5	20	0	2	0	2	0	2	1	2	58	56	17
262	50	82	529	711219	2.0	330	2.9	0.1	7	5	9	0	2	0	2	0	2	1	2	54	71	18
263	50	82	529	711220	2.0	900	4.4	0.3	15	5	43	0	2	0	2	0	2	3	3	70	60	23
264	50	82	529	711221	2.0	1750	4.7	0.1	22	5	17	0	2	0	2	0	2	4	3	96	81	22
265	50	82	529	711222	2.0	375	2.6	0.1	6	5	9	0	2	0	2	0	2	1	2	52	38	9
266	50	82	529	711223	2.0	475	3.3	0.2	11	5	33	0	2	0	2	0	2	1	2	66	72	14
267	50	82	529	711224	5.0	209	2.6	0.1	6	5	17	0	2	0	2	0	2	1	2	64	68	9
268	50	82	529	711225	3.0	196	3.2	0.2	5	5	17	0	2	0	2	0	2	1	2	55	74	15
269	50	82	529	711226	2.0	364	3.1	0.1	6	5	26	0	2	0	2	0	2	1	2	62	63	10
270	50	82	529	711227	2.0	271	2.8	0.4	6	5	25	0	2	0	2	0	2	1	2	55	60	12

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
325	50	82	529	711283	2.0	201	3.7	0.4	6	5	30	0	2	0	2	0	2	1	2	77	61	14
326	50	82	529	711284	2.0	2475	6.1	1.0	31	65	42	0	2	0	2	0	2	8	31	87	115	20
327	50	82	529	711285	2.0	230	3.0	0.5	8	5	14	0	2	0	2	0	2	1	2	58	76	16
328	50	82	529	711286	2.0	1820	7.1	0.9	65	10	384	0	2	0	2	0	2	5	2	82	79	29
329	50	82	529	711287	2.0	306	5.1	0.5	13	5	56	0	2	0	2	0	2	1	2	90	103	27
330	50	82	529	711288	2.0	256	3.5	0.4	13	5	28	0	2	0	2	0	2	1	2	65	76	18
331	50	82	529	711289	2.0	384	2.9	0.2	7	5	37	0	2	0	2	0	2	1	2	70	55	21
332	50	82	529	711290	2.0	404	2.5	0.3	7	5	12	0	2	0	2	0	2	1	2	58	53	23
333	50	82	529	711291	2.0	257	3.4	0.2	10	5	30	0	2	0	2	0	2	1	2	81	85	20
334	50	82	529	711292	2.0	290	3.0	0.3	9	5	24	0	2	0	2	0	2	1	2	68	53	18
335	50	82	529	711293	2.0	445	3.6	0.6	11	5	19	0	2	0	2	0	2	1	3	59	159	64
336	50	82	529	711294	2.0	245	2.7	0.2	8	5	9	0	2	0	2	0	2	1	2	61	82	20
337	50	82	529	711295	4.0	203	2.2	0.1	6	5	3	0	2	0	2	0	2	1	2	51	41	12
338	50	82	529	711296	2.0	257	2.7	0.3	8	5	20	0	2	0	2	0	2	1	2	62	67	21
339	50	82	529	711297	2.0	779	4.1	0.6	14	5	72	0	2	0	2	0	2	2	2	72	100	41
340	50	82	529	711298	2.0	550	4.1	0.2	14	5	83	0	2	0	2	0	2	1	2	77	81	18
341	50	82	529	711299	3.0	661	4.7	0.4	21	5	49	0	2	0	2	0	2	2	2	138	66	18
342	50	82	529	711300	2.0	291	2.8	0.5	7	20	21	0	2	0	2	0	2	1	2	63	59	15
343	50	82	529	711301	2.0	319	2.8	0.4	8	5	30	0	2	0	2	0	2	3	2	64	79	35
344	50	82	529	711302	2.0	722	3.3	0.8	10	5	24	0	2	0	2	0	2	1	2	74	102	34
345	50	82	529	711303	2.0	778	3.0	0.2	12	5	43	0	2	0	2	0	2	2	2	55	92	18
346	50	82	529	711304	2.0	333	2.5	0.3	8	5	15	0	2	0	2	0	2	1	2	55	52	19
347	50	82	529	711305	2.0	659	4.9	3.9	20	5	21	0	2	0	2	0	2	6	4	64	213	54
348	50	82	529	711306	2.0	1085	3.5	0.9	13	5	28	0	2	0	2	0	2	6	2	61	84	37
349	50	82	529	711307	2.0	1368	5.3	0.2	14	5	45	0	2	0	2	0	2	1	2	83	142	14
350	50	82	529	711308	6.0	523	3.9	2.2	10	10	130	0	2	0	2	0	2	6	5	60	127	136
351	50	82	529	711596	2.0	438	2.8	0.3	9	5	54	0	2	0	2	0	2	1	2	54	64	14
352	50	82	529	711597	2.0	367	3.3	0.3	8	5	30	0	2	0	2	0	2	1	2	51	143	17
353	50	82	529	711599	2.0	217	2.6	0.2	6	5	27	0	2	0	2	0	2	1	2	49	62	14
354	50	82	529	711600	2.0	224	2.8	0.3	7	5	17	0	2	0	2	0	2	1	2	47	97	21
355	50	82	529	711601	2.0	155	3.1	0.3	6	5	18	0	2	0	2	0	2	1	2	54	72	15
356	50	82	529	711602	2.0	151	2.8	0.4	5	5	12	0	2	0	2	0	2	1	2	55	80	14
357	50	82	529	711603	2.0	233	2.6	0.4	5	5	18	0	2	0	2	0	2	1	2	54	83	12
358	50	82	529	711604	5.0	2071	3.2	0.9	9	5	16	0	2	0	2	0	2	1	2	34	1624	63
359	50	82	529	711605	2.0	132	1.4	0.2	2	5	4	0	2	0	2	0	2	1	2	35	107	11
360	50	82	529	711606	2.0	173	2.1	0.3	3	5	5	0	2	0	2	0	2	1	2	37	197	13
361	50	82	529	711607	2.0	249	2.1	0.3	5	5	4	0	2	0	2	0	2	1	2	22	354	13
362	50	82	529	711608	2.0	100	1.3	0.2	2	5	3	0	2	0	2	0	2	1	2	27	219	29
363	50	82	529	711609	2.0	493	1.5	0.1	5	5	6	0	2	0	2	0	2	1	2	15	236	16
364	50	82	529	711610	2.0	453	2.7	0.2	7	5	5	0	2	0	2	0	2	1	2	36	192	35
365	50	82	529	711611	3.0	150	3.6	0.3	5	5	11	0	2	0	2	0	2	1	2	62	94	19
366	50	82	529	711612	2.0	128	2.1	0.2	4	5	4	0	2	0	2	0	2	1	2	41	93	23
367	50	82	529	711613	2.0	423	3.3	0.2	7	30	3	0	2	0	2	0	2	1	2	56	513	45
368	50	82	529	711614	2.0	167	2.9	0.1	7	5	9	0	2	0	2	0	2	1	2	47	93	17
369	50	82	529	711615	30.0	3240	3.2	0.3	80	50	540	0	30	0	20	0	20	10	20	610	640	170
370	50	82	529	711616	20.0	4620	3.2	0.3	120	50	580	0	30	0	20	0	20	20	20	530	700	180
371	50	82	529	711618	20.0	1910	3.6	0.5	50	50	920	0	20	0	20	0	20	10	20	700	560	60
372	50	82	529	711619	20.0	3050	30.0	0.4	90	50	540	0	20	0	20	0	20	10	20	500	870	110
373	50	82	529	711620	20.0	6410	2.9	0.7	70	50	200	0	20	0	20	0	20	10	20	350	4370	810
374	50	82	529	711621	30.0	7160	2.7	0.7	70	50	160	0	20	0	20	0	20	10	20	340	4450	940
375	50	82	529	711623	20.0	2630	2.3	0.2	60	50	70	0	20	0	20	0	20	10	20	440	1120	340
376	50	82	529	711624	20.0	1420	1.3	0.1	20	50	30	0	20	0	20	0	20	10	20	330	690	140
377	50	82	529	711625	20.0	10240	3.3	1.3	90	50	120	0	20	0	20	0	20	20	20	470	7100	1590
378	50	82	529	711626	20.0	9800	4.2	1.3	100	50	100	0	20	0	20	0	20	20	20	490	9820	1630

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
379	50	82	529	711627	20.0	5030	3.1	0.8	70	50	160	0	20	0	20	0	20	10	20	460	5140	940
380	50	82	529	711628	20.0	1670	1.9	0.2	40	50	40	0	20	0	20	0	20	10	20	380	2520	500
381	50	82	529	711629	20.0	8760	4.3	0.7	120	50	210	0	20	0	20	0	20	10	20	480	6420	1010
382	50	82	529	711630	2.0	255	3.0	0.3	7	5	8	0	2	0	2	0	2	1	2	50	106	12
383	50	82	529	711631	2.0	345	2.2	0.3	6	5	20	0	2	0	2	0	2	1	2	32	329	51
384	50	82	529	711632	2.0	140	1.3	0.1	3	5	4	0	2	0	2	0	2	1	2	27	104	23
385	50	82	529	711633	2.0	1052	3.6	0.8	10	5	10	0	2	0	2	0	2	1	2	49	687	126
386	50	82	529	711634	2.0	178	1.9	0.1	4	5	7	0	2	0	2	0	2	1	2	38	239	23
387	50	82	529	711635	2.0	482	1.8	0.1	5	5	4	0	2	0	2	0	2	1	2	33	99	9
388	50	82	529	714001	2.0	1231	3.4	0.1	16	5	33	25	2	0	2	0	2	2	8	86	74	22
389	50	82	529	714002	20.0	31000	5.6	0.6	300	50	690	400	30	0	20	0	20	70	80	1570	810	410
390	50	82	529	714003	2.0	1184	5.5	0.3	18	5	52	20	2	0	3	0	2	3	31	108	62	27
391	50	82	529	714004	2.0	737	3.7	0.1	14	5	33	5	3	0	2	0	2	4	5	93	54	27
392	50	82	529	714005	2.0	513	3.4	0.6	18	5	32	30	2	0	2	0	2	3	6	82	53	26
393	50	82	529	714006	2.0	1430	3.7	0.1	22	5	17	40	2	0	2	0	2	3	5	78	69	29
394	50	82	529	714007	2.0	717	3.1	0.2	11	5	27	25	2	0	2	0	2	3	2	69	51	20
395	50	82	529	714008	2.0	1155	4.7	0.5	18	5	37	40	3	0	2	0	2	7	3	71	74	33
396	50	82	529	714009	2.0	685	2.4	0.2	10	5	41	25	2	0	2	0	2	1	2	56	65	18
397	50	82	529	714010	2.0	368	2.7	0.1	7	5	29	20	2	0	2	0	2	1	2	61	76	15
398	50	82	529	714011	2.0	305	2.8	0.3	6	5	38	30	3	0	2	0	2	1	2	65	162	11
399	50	82	529	714012	2.0	754	2.4	0.1	5	5	6	25	3	0	2	0	2	1	2	56	74	12
400	50	82	529	714013	2.0	885	3.3	0.1	9	5	27	40	2	0	2	0	2	1	2	71	66	14
401	50	82	529	714014	10.0	1114	3.0	1.6	8	5	26	110	2	0	2	0	2	1	2	47	785	285
402	50	82	529	714015	20.0	11390	3.7	0.4	110	50	110	300	20	0	20	0	20	10	20	690	6660	1370
403	50	82	529	714016	2.0	356	3.9	0.7	9	5	9	40	2	0	2	0	2	1	2	64	507	103
404	50	82	529	714017	3.0	257	1.9	0.2	5	5	2	30	2	0	2	0	2	1	2	48	176	45
405	50	82	529	714018	2.0	186	2.7	0.1	5	5	2	30	2	0	2	0	2	1	2	52	156	14
406	50	82	529	714019	3.0	157	3.0	0.1	6	5	2	30	2	0	2	0	2	1	2	69	143	14
407	50	82	529	714020	2.0	778	3.1	0.5	8	5	4	40	2	0	2	0	3	1	2	54	425	109
408	50	82	529	714021	2.0	506	3.1	0.3	8	5	22	35	2	0	2	0	2	1	2	61	277	75
409	50	82	529	714022	2.0	233	2.0	0.2	4	5	7	15	2	0	2	0	2	1	2	43	185	37
410	50	82	529	714023	2.0	560	2.7	0.3	7	5	3	30	2	0	2	0	2	1	2	54	393	104
411	50	82	529	714024	2.0	143	1.1	0.1	3	5	2	20	2	0	2	0	2	1	2	27	93	14
412	50	82	529	714025	2.0	120	1.2	0.3	2	5	3	30	2	0	2	0	2	1	2	34	49	9
413	50	82	529	714026	2.0	451	2.4	0.1	7	5	18	20	2	0	2	0	2	1	2	52	119	20
414	50	82	529	714027	2.0	348	2.1	0.1	6	5	3	10	2	0	2	0	2	1	2	49	293	22
415	50	82	529	714028	2.0	419	2.3	0.1	5	5	2	40	2	0	2	0	2	1	2	54	372	49
416	50	82	529	714029	2.0	121	1.6	0.1	3	5	2	30	2	0	2	0	2	1	2	43	53	13
417	50	82	529	714030	2.0	591	3.1	0.1	10	5	8	20	2	0	2	0	2	1	2	69	65	23
418	50	82	529	714031	2.0	613	2.6	0.1	8	5	5	20	2	0	2	0	2	1	2	64	79	48
419	50	82	529	714032	2.0	384	2.8	0.4	7	35	109	30	2	0	2	0	2	1	2	57	79	39
420	50	82	529	714033	2.0	1019	3.7	0.1	14	5	27	20	2	0	4	0	2	1	7	73	126	55
421	50	82	529	714034	2.0	1163	2.6	0.1	10	5	15	30	2	0	2	0	2	1	2	63	104	16
422	50	82	529	714035	2.0	336	3.4	0.4	10	5	38	30	2	0	2	0	2	1	2	68	79	19
423	50	82	529	714036	2.0	465	2.7	0.1	11	5	19	40	2	0	2	0	2	1	2	68	88	25
424	50	82	529	714037	2.0	991	4.7	0.3	17	5	23	30	2	0	2	0	2	1	2	96	83	29
425	50	82	529	714038	2.0	312	3.3	0.5	11	5	26	30	2	0	2	0	2	1	2	75	62	28
426	50	82	529	714039	2.0	177	2.2	0.1	5	5	5	10	2	0	2	0	2	1	2	59	106	17
427	50	82	529	714040	2.0	183	2.5	0.2	5	5	19	20	2	0	2	0	2	1	2	57	80	14
428	50	82	529	714041	2.0	1212	2.9	0.1	13	5	44	20	2	0	2	0	2	1	2	66	95	31
429	50	82	529	714042	2.0	740	4.0	0.1	13	5	53	25	2	0	2	0	2	1	2	92	84	17
430	50	82	529	714043	4.0	1593	2.9	1.1	10	5	19	40	2	0	2	0	2	2	2	61	230	62
431	50	82	529	714044	2.0	776	2.9	0.4	9	15	25	20	2	0	2	0	2	1	2	60	122	29
432	50	82	529	714045	2.0	231	3.5	0.1	5	10	15	30	2	0	2	0	2	1	2	76	85	19

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
433	50	82	529	714046	2.0	577	3.0	0.8	8	5	16	40	2	0	2	0	2	1	2	65	325	51
434	50	82	529	714047	2.0	383	3.1	0.1	5	5	18	20	3	0	2	0	2	1	2	72	60	13
435	50	82	529	714048	2.0	271	2.7	0.1	7	5	8	50	2	0	2	0	2	1	2	62	106	17
436	50	82	529	714049	2.0	152	2.0	0.1	2	5	9	20	2	0	2	0	2	1	2	52	54	14
437	50	82	529	714050	2.0	579	3.8	0.3	10	5	101	30	2	0	2	0	2	2	2	83	85	23
438	50	82	529	714051	4.0	196	2.7	0.2	5	5	14	20	2	0	2	0	2	1	2	60	90	14
439	50	82	529	714052	2.0	1878	5.5	0.8	14	5	38	50	2	0	2	0	5	1	2	81	820	86
440	50	82	529	714053	2.0	262	1.9	0.6	4	5	12	25	2	0	2	0	2	1	2	43	212	49
441	50	82	529	714057	2.0	1099	3.2	0.6	9	5	12	40	2	0	2	0	2	1	2	59	420	112
442	50	82	529	714059	2.0	454	2.1	0.2	5	5	10	30	2	0	2	0	2	1	2	54	209	54
443	50	82	529	714060	2.0	153	2.8	0.1	5	5	3	60	2	0	2	0	2	1	2	64	71	15
444	50	82	529	714061	2.0	155	2.8	0.1	5	5	5	55	2	0	2	0	2	1	2	64	70	14
445	50	82	529	714062	2.0	237	3.2	0.3	6	5	26	65	2	0	2	0	3	1	2	59	176	12
446	50	82	529	714063	2.0	269	3.0	0.1	6	5	37	10	2	0	2	0	2	1	2	68	72	15
447	50	82	529	714064	2.0	187	2.9	0.1	5	5	20	20	2	0	2	0	2	1	2	73	60	15
448	50	82	529	714065	2.0	500	4.0	0.3	13	5	50	30	2	0	2	0	2	3	2	90	98	24
449	50	82	529	714066	7.0	2923	4.6	1.2	23	5	146	0	4	0	2	0	2	12	5	104	237	89
450	50	82	529	714067	2.0	207	3.3	0.3	4	15	24	0	2	0	2	0	2	1	2	82	54	9
451	50	82	529	714068	2.0	348	3.0	0.3	8	5	38	0	2	0	2	0	2	1	4	57	57	15
452	50	82	529	714069	2.0	644	3.6	0.1	10	5	56	0	2	0	2	0	2	1	3	46	77	19
453	50	82	529	714070	2.0	324	3.4	0.1	9	5	42	0	2	0	2	0	2	1	2	61	62	21
454	50	82	529	714071	2.0	1175	2.5	0.1	10	10	10	0	3	0	2	0	2	5	19	55	59	35
455	50	82	529	714072	2.0	1304	2.3	0.1	12	5	4	0	2	0	2	0	2	3	3	42	80	12
456	50	82	529	714073	2.0	603	4.4	0.6	16	5	25	0	2	0	18	0	2	1	8	72	50	24
457	50	82	529	714074	2.0	1528	3.6	0.5	21	5	12	0	2	0	18	0	2	1	11	64	70	16
458	50	82	529	714075	2.0	1286	3.9	0.2	19	5	80	0	2	0	2	0	2	2	5	82	77	15
459	50	82	529	714076	2.0	314	2.9	0.1	8	5	50	0	2	0	2	0	2	1	2	58	129	15
460	50	82	529	714077	2.0	331	2.7	0.1	9	5	55	0	2	0	2	0	2	1	2	53	61	24
461	50	82	529	714078	2.0	253	2.7	0.3	8	20	81	0	2	0	2	0	2	1	2	43	73	51
462	50	82	529	714079	2.0	264	2.3	0.2	7	10	15	0	3	0	2	0	2	2	2	56	52	10
463	50	82	529	714080	2.0	175	2.4	0.2	5	5	12	0	2	0	2	0	2	1	2	52	54	10
464	50	82	529	714081	2.0	180	2.4	0.2	5	5	13	0	2	0	2	0	2	1	2	50	53	10
465	50	82	529	714082	2.0	187	2.4	0.3	6	5	22	0	2	0	2	0	2	1	2	51	34	10
466	50	82	529	714083	3.0	595	3.1	0.9	9	10	59	0	2	0	2	0	2	2	2	37	108	55
467	50	82	529	714084	2.0	469	2.0	0.1	7	5	14	0	2	0	2	0	2	1	2	40	56	13
468	50	82	529	714085	2.0	1302	3.6	0.2	8	5	181	0	3	0	2	0	2	2	3	65	77	12
469	50	82	529	714086	2.0	1173	3.2	0.4	9	5	15	0	2	0	2	0	2	3	8	58	104	55
470	50	82	529	714087	2.0	269	3.2	0.2	9	5	37	0	4	0	2	0	2	1	2	67	79	13
471	50	82	529	714088	2.0	371	2.9	0.2	11	40	55	0	2	0	2	0	2	1	2	61	70	11
472	50	82	529	714089	3.0	3284	4.6	0.4	31	5	103	0	2	0	2	0	2	17	3	91	114	70
473	50	82	529	714090	2.0	292	2.4	0.1	7	5	17	0	2	0	2	0	2	1	2	49	52	9
474	50	82	529	714091	2.0	2913	11.0	2.8	24	10	211	0	7	0	2	0	3	2	38	88	79	15
475	50	82	529	714092	3.0	1471	6.8	0.5	23	5	172	0	3	0	2	0	2	1	2	55	79	31
476	50	82	529	714093	2.0	531	2.1	0.2	8	5	16	0	2	0	2	0	2	1	2	40	69	15
477	50	82	529	714094	2.0	189	3.6	0.1	6	5	31	0	2	0	2	0	2	1	2	71	54	10
478	50	82	529	714095	2.0	235	2.0	0.2	4	5	23	0	2	0	2	0	2	1	2	39	52	11
479	50	82	529	714096	2.0	92	1.6	0.1	2	5	4	0	2	0	2	0	2	1	2	47	53	18
480	50	82	529	714097	2.0	177	2.4	0.1	4	5	23	0	2	0	2	0	2	1	2	47	54	7
481	50	82	529	714098	2.0	332	2.8	0.2	4	5	33	0	2	0	2	0	2	1	2	53	47	4
482	50	82	529	714099	2.0	129	1.9	0.1	3	5	23	0	2	0	2	0	2	1	2	39	43	6
483	50	82	529	714100	2.0	170	3.3	0.2	4	25	39	0	2	0	2	0	2	1	2	61	59	7
484	50	82	529	714101	2.0	142	2.9	0.1	3	5	35	0	2	0	2	0	2	1	2	59	63	7
485	50	82	529	714102	2.0	189	2.8	0.3	3	5	23	0	2	0	2	0	2	1	2	60	72	7
486	50	82	529	714103	2.0	165	2.2	0.2	3	5	15	0	3	0	2	0	2	1	2	47	42	7

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Pb	V	Ba	Sr
487	50	82	529	714104	2.0	224	3.1	0.1	5	5	32	0	2	0	2	0	2	1	2	53	115	8
488	50	82	529	714105	2.0	843	1.9	0.1	4	10	8	0	2	0	2	0	2	1	2	34	224	6
489	50	82	529	714106	2.0	152	2.1	0.1	2	5	8	0	2	0	2	0	2	1	2	50	43	6
490	50	82	529	714107	2.0	1523	3.7	0.3	14	5	147	0	3	0	2	0	2	2	2	59	87	31
491	50	82	529	714108	3.0	260	2.7	0.1	9	5	22	0	2	0	2	0	2	1	2	65	57	10
492	50	82	529	714109	3.0	297	2.4	0.1	6	5	27	0	2	0	2	0	2	1	2	44	63	7
493	50	82	529	714110	3.0	144	3.0	0.2	14	5	25	0	2	0	2	0	2	1	2	68	73	33
494	50	82	529	714111	2.0	970	2.5	0.1	9	5	43	0	2	0	2	0	2	1	2	47	67	7
495	50	82	529	714112	2.0	1362	3.7	0.1	20	5	45	0	3	0	2	0	2	1	2	51	265	11
496	50	82	529	714114	2.0	476	2.4	0.1	7	5	20	0	2	0	2	0	2	1	2	49	104	17
497	50	82	529	714115	2.0	2481	4.3	0.5	22	5	25	0	2	0	2	0	2	2	2	87	114	13
498	50	82	529	714116	2.0	212	3.5	0.4	7	5	40	0	2	0	2	0	2	1	2	59	80	8
499	50	82	529	714117	2.0	231	3.1	0.5	7	5	30	0	2	0	2	0	2	1	2	54	64	7
500	50	82	529	714118	2.0	152	2.8	0.1	5	5	36	0	2	0	2	0	2	1	2	59	53	7
501	50	82	529	714119	2.0	271	2.5	0.1	9	5	45	0	2	0	2	0	2	1	2	47	84	12
502	50	82	529	714120	2.0	161	2.3	0.2	4	20	19	0	2	0	2	0	2	1	2	51	39	12
503	50	82	529	714121	2.0	163	2.3	0.2	4	5	22	0	2	0	2	0	2	1	2	51	38	12
504	50	82	529	714122	2.0	102	1.6	0.1	3	5	18	0	2	0	2	0	2	1	2	44	38	11
505	50	82	529	714123	4.0	262	1.8	0.2	4	15	7	0	2	0	2	0	2	1	2	39	79	16
506	50	82	529	714124	2.0	214	2.5	0.2	5	5	14	0	2	0	2	0	2	1	2	50	86	6
507	50	82	529	714125	2.0	276	2.1	0.2	6	5	9	0	2	0	2	0	2	1	2	43	142	9
508	50	82	529	714126	2.0	267	1.8	0.1	4	5	5	0	2	0	2	0	2	1	2	41	273	11
509	50	82	529	714127	2.0	153	1.8	0.1	3	5	10	0	2	0	2	0	2	1	2	44	111	10
510	50	82	529	714128	2.0	580	2.3	0.2	6	5	3	0	2	0	2	0	2	1	2	49	153	16
511	50	82	529	714129	2.0	163	2.2	0.2	5	5	2	0	2	0	2	0	2	1	2	46	51	8
512	50	82	529	714130	2.0	136	3.3	0.1	5	5	5	0	2	0	2	0	2	1	2	61	59	10
513	50	82	529	714131	2.0	363	1.3	0.1	4	5	4	0	2	0	2	0	2	1	2	32	83	17
514	50	82	529	714132	2.0	1376	5.2	0.2	17	5	119	0	2	0	2	0	2	1	3	51	53	12
515	50	82	529	714133	2.0	257	2.6	0.4	6	5	26	0	2	0	2	0	2	1	2	53	80	11
516	50	82	529	714134	2.0	1946	9.0	1.0	31	5	267	0	2	0	2	0	2	2	2	67	118	79
517	50	82	529	714135	8.0	448	2.0	0.6	6	10	34	0	2	0	2	0	2	1	2	29	76	112
518	50	82	529	714136	2.0	162	4.3	0.3	7	5	52	0	2	0	2	0	2	1	2	72	77	12
519	50	82	529	714137	2.0	392	2.0	0.7	6	5	16	0	2	0	2	0	2	2	2	42	80	12
520	50	82	529	714138	3.0	355	2.7	0.4	7	5	26	0	2	0	2	0	2	1	2	45	134	29
521	50	82	529	714139	2.0	654	2.6	1.0	7	5	33	0	2	0	2	0	2	1	2	45	160	36
522	50	82	529	714140	2.0	189	2.4	0.3	7	5	24	0	2	0	2	0	2	1	2	49	64	10
523	50	82	529	714141	2.0	191	2.5	0.3	7	5	28	0	2	0	2	0	2	1	2	51	66	10
524	50	82	529	714142	2.0	877	2.5	0.3	8	5	46	0	2	0	2	0	2	1	2	42	105	8
525	50	82	529	714143	2.0	176	2.6	0.2	5	5	28	0	2	0	2	0	2	1	2	52	55	8
526	50	82	529	714144	2.0	142	2.7	0.5	6	5	31	0	2	0	2	0	2	1	2	51	69	26
527	50	82	529	714145	2.0	251	2.9	0.2	7	5	12	0	2	0	2	0	2	1	2	64	78	20
528	50	82	529	714146	2.0	231	2.3	0.3	5	5	29	0	2	0	2	0	2	1	2	52	53	11
529	50	82	529	714147	2.0	248	2.9	0.2	5	5	24	0	2	0	2	0	2	1	2	56	92	7
530	50	82	529	714148	2.0	109	2.4	0.6	4	5	23	0	2	0	2	0	2	1	2	56	53	9
531	50	82	529	714149	2.0	161	2.3	0.2	6	15	25	0	2	0	2	0	2	1	2	52	68	20
532	50	82	529	714150	3.0	138	2.3	0.2	4	65	4	0	2	0	2	0	2	1	2	51	46	7
533	50	82	529	714151	4.0	527	3.3	0.5	8	5	3	0	2	0	2	0	2	1	2	62	316	79
534	50	82	529	714152	2.0	169	1.6	0.1	4	5	2	0	2	0	2	0	2	1	2	39	285	16
535	50	82	529	714153	2.0	424	2.0	0.1	4	5	16	0	2	0	2	0	2	1	2	40	97	8
536	50	82	529	714154	20.0	4700	2.2	0.2	60	50	240	0	20	0	20	0	20	10	20	470	870	120
537	50	82	529	714155	5.0	1355	3.1	0.6	14	10	80	0	2	0	2	0	2	1	2	57	126	15
538	50	82	529	714156	2.0	563	2.6	0.3	7	5	45	0	2	0	2	0	2	1	2	57	76	14
539	50	82	529	714157	2.0	6934	5.4	2.8	26	5	40	0	2	0	2	0	4	2	2	104	295	38
540	50	82	529	714158	3.0	414	2.7	0.5	7	5	100	0	2	0	2	0	2	1	2	56	59	25

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Ri	V	Ba	Sr
541	50	82	529	714159	4.0	167	2.2	0.3	5	5	15	0	2	0	2	0	2	1	2	54	66	14
542	50	82	529	714160	2.0	167	2.3	0.4	4	5	9	0	2	0	2	0	2	1	2	62	70	19
543	50	82	529	714161	3.0	126	2.0	0.4	4	5	9	0	2	0	2	0	2	1	2	54	81	19
544	50	82	529	714162	6.0	228	2.2	0.8	5	10	8	0	2	0	2	0	2	1	2	48	98	35
545	50	82	529	714163	5.0	130	2.1	0.3	4	5	5	0	2	0	2	0	2	1	2	49	60	11
546	50	82	529	714164	2.0	185	1.6	0.7	4	5	5	0	2	0	2	0	2	1	2	39	84	30
547	50	82	529	714165	6.0	298	1.9	0.5	4	5	2	0	2	0	2	0	2	1	2	45	208	57
548	50	82	529	714166	5.0	148	1.1	0.2	2	5	2	0	2	0	2	0	2	1	2	31	76	20
549	50	82	529	714167	2.0	118	1.0	0.2	3	5	2	0	2	0	2	0	2	1	2	29	68	17
550	50	82	529	714168	4.0	135	1.5	0.1	3	5	3	0	2	0	2	0	3	1	2	39	60	17
551	50	82	529	714169	4.0	589	2.4	0.1	7	5	3	0	2	0	2	0	2	1	2	65	116	8
552	50	82	529	714170	7.0	115	2.6	0.1	6	5	2	0	2	0	2	0	3	1	2	52	96	11
553	50	82	529	714171	4.0	256	1.2	0.1	4	5	2	0	2	0	2	0	2	1	2	30	116	25
554	50	82	529	714172	6.0	171	2.0	0.3	5	5	7	0	2	0	2	0	2	1	2	53	61	20
555	50	82	529	714173	2.0	151	2.3	0.6	6	5	11	0	2	0	2	0	2	1	2	58	70	15
556	50	82	529	714174	2.0	212	1.7	0.3	5	5	8	0	2	0	2	0	2	1	2	48	58	18
557	50	82	529	714175	2.0	127	1.5	0.2	3	10	7	0	2	0	2	0	2	1	2	42	48	15
558	50	82	529	714176	9.0	679	5.9	4.4	14	10	58	0	2	0	2	0	4	2	4	74	597	99
559	50	82	529	714177	5.0	381	2.8	0.2	7	5	9	0	2	0	2	0	2	1	2	61	103	12
560	50	82	529	714178	2.0	171	3.5	0.3	7	5	11	0	2	0	2	0	2	1	2	82	101	15
561	50	82	529	714179	3.0	392	2.5	0.2	7	5	5	0	2	0	2	0	2	1	2	62	138	23
562	50	82	529	714180	2.0	198	2.6	0.4	6	5	15	0	2	0	2	0	2	1	2	64	49	16
563	50	82	529	714181	2.0	228	2.7	0.3	7	5	16	0	2	0	2	0	2	1	2	65	55	16
564	50	82	529	714182	4.0	184	2.2	0.3	5	5	10	0	2	0	2	0	2	1	2	56	53	14
565	50	82	529	714183	2.0	1372	3.5	0.4	15	5	45	0	2	0	2	0	3	2	2	59	292	28
566	50	82	529	714184	2.0	560	1.9	0.2	6	5	6	0	2	0	2	0	2	1	2	42	93	18
567	50	82	529	714185	3.0	918	4.0	0.6	13	5	26	0	2	0	2	0	2	1	2	67	112	20
568	50	82	529	714186	3.0	186	3.3	0.3	7	5	10	0	2	0	2	0	2	1	2	63	80	17
569	50	82	529	714187	4.0	159	2.6	0.4	4	5	15	0	2	0	2	0	2	1	2	67	54	12
570	50	82	529	714188	5.0	249	1.0	1.5	3	5	5	0	2	0	2	0	2	1	2	20	135	186
571	50	82	529	714190	2.0	184	2.6	0.8	5	5	18	0	2	0	2	0	2	1	2	65	84	27
572	50	82	529	714191	2.0	255	2.1	2.3	5	5	23	0	2	0	2	0	2	1	2	47	104	33
573	50	82	529	714192	3.0	1969	2.4	0.6	10	5	22	0	2	0	2	0	2	1	2	46	150	9
574	50	82	529	714193	2.0	261	1.5	0.1	3	5	3	0	2	0	2	0	2	1	2	42	73	15
575	50	82	529	714194	2.0	3628	4.2	0.8	26	5	43	0	2	0	2	0	2	5	4	72	349	15
576	50	82	529	714195	2.0	2907	2.7	0.6	27	5	56	0	2	0	2	0	2	15	2	54	392	27
577	50	82	529	714196	2.0	168	1.6	0.1	3	5	2	0	2	0	2	0	2	1	2	44	70	12
578	50	82	529	714197	2.0	481	1.9	0.2	5	5	2	0	2	0	2	0	2	1	2	47	74	16
579	50	82	529	714198	2.0	2204	1.5	0.1	4	5	2	0	2	0	2	0	3	2	2	29	563	15
580	50	82	529	714199	12.0	3082	2.9	0.8	8	5	5	0	2	0	2	0	2	1	2	38	949	34
581	50	82	529	714200	2.0	143	1.6	0.1	4	5	3	0	2	0	2	0	2	1	2	43	110	21
582	50	82	529	714201	2.0	84	1.5	0.1	2	5	2	0	2	0	2	0	2	1	2	35	69	12
583	50	82	529	714202	2.0	83	0.8	0.1	2	5	2	0	2	0	2	0	2	1	2	22	50	16
584	50	82	529	714203	2.0	70	1.5	0.1	3	5	4	0	2	0	2	0	2	1	2	34	78	13
585	50	82	529	714204	2.0	55	0.8	0.1	1	5	3	0	2	0	2	0	2	1	2	24	39	12
586	50	82	529	714205	2.0	88	1.1	0.1	2	5	2	0	2	0	2	0	2	1	2	30	51	16
587	50	82	529	714206	2.0	92	1.2	0.1	2	5	2	0	2	0	2	0	2	1	2	32	49	15
588	50	82	529	714207	2.0	81	0.8	0.1	2	5	3	0	2	0	2	0	2	1	2	25	67	15
589	50	82	529	714208	2.0	96	1.9	0.1	5	5	2	0	2	0	2	0	2	1	2	46	87	14
590	50	82	529	714209	2.0	1075	2.5	1.7	9	15	20	0	2	0	2	0	2	2	2	36	100	94
591	50	82	529	714211	2.0	115	1.0	0.1	2	10	2	0	2	0	2	0	2	1	2	31	64	22
592	50	82	529	714212	2.0	98	1.0	0.1	2	5	2	0	2	0	2	0	2	1	2	30	55	19
593	50	82	529	714213	2.0	270	1.4	0.1	5	10	2	0	2	0	2	0	2	1	2	39	129	22
594	50	82	529	714214	2.0	147	1.2	0.1	3	5	2	0	2	0	2	0	2	1	2	32	89	20

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
595	50	82	529	714215	2.0	212	1.9	0.3	4	5	3	0	2	0	2	0	2	1	2	42	228	42
596	50	82	529	714216	2.0	129	2.5	0.1	6	195	2	0	2	0	2	0	2	1	2	62	88	15
597	50	82	529	714217	2.0	360	2.0	0.1	5	5	2	0	2	0	2	0	2	1	2	54	100	31
598	50	82	529	714218	2.0	1305	3.5	0.5	12	5	3	0	2	0	2	0	2	1	2	60	342	63
599	50	82	529	714219	2.0	89	2.2	0.1	4	5	5	0	2	0	2	0	2	1	2	55	81	16
600	50	82	529	714220	2.0	81	1.2	0.1	3	5	2	0	2	0	2	0	2	1	2	34	72	14
601	50	82	529	714221	2.0	91	1.4	0.1	3	5	2	0	2	0	2	0	2	1	2	39	74	14
602	50	82	529	714222	2.0	126	2.0	0.1	3	5	2	0	2	0	2	0	2	1	2	52	51	11
603	50	82	529	714223	4.0	1288	1.8	1.4	5	5	10	0	2	0	2	0	2	2	2	25	459	60
604	50	82	529	714224	2.0	433	3.9	0.2	14	5	77	0	2	0	2	0	2	1	2	48	97	5
605	50	82	529	714225	2.0	742	3.8	1.1	15	5	61	0	2	0	2	0	2	1	2	67	119	12
606	50	82	529	715001	2.0	402	2.5	0.2	8	5	7	0	2	0	2	0	2	1	2	55	56	19
607	50	82	529	715002	2.0	220	3.0	0.2	6	5	13	0	2	0	2	0	2	1	2	82	44	13
608	50	82	529	715003	2.0	450	7.0	0.1	16	5	92	0	2	0	2	0	2	1	2	85	52	8
609	50	82	529	715004	2.0	757	8.6	3.1	16	165	219	0	2	0	2	0	2	1	22	148	79	8
610	50	82	529	715005	2.0	2493	12.9	3.7	38	25	355	0	2	0	2	0	2	2	126	132	133	26
611	50	82	529	715006	2.0	1808	6.9	1.9	18	10	100	0	2	0	2	0	2	2	41	115	129	5
612	50	82	529	715007	2.0	247	2.1	0.3	6	5	20	0	2	0	2	0	2	1	2	42	79	12
613	50	82	529	715008	2.0	208	2.7	0.3	6	5	29	0	2	0	2	0	2	1	2	49	103	15
614	50	82	529	715009	2.0	302	4.7	0.1	10	5	67	0	2	0	2	0	2	1	2	85	84	12
615	50	82	529	715010	2.0	1314	6.3	0.4	10	10	137	0	2	0	2	0	2	5	2	64	100	37
616	50	82	529	715011	2.0	258	8.7	0.1	8	15	256	0	2	0	2	0	2	1	2	77	62	11
617	50	82	529	715012	2.0	948	8.9	1.9	19	45	157	0	2	0	2	0	2	1	18	104	107	6
618	50	82	529	715013	2.0	2082	9.1	1.8	17	5	96	0	2	0	2	0	4	2	5	69	174	37
619	50	82	529	715014	2.0	193	2.4	0.4	6	5	22	0	2	0	2	0	2	1	2	51	40	11
620	50	82	529	715015	2.0	370	2.5	0.3	7	5	16	0	2	0	2	0	2	1	2	55	50	8
621	50	82	529	715016	2.0	163	2.5	0.1	6	5	23	0	2	0	2	0	2	1	2	51	51	11
622	50	82	529	715017	2.0	3237	12.5	2.2	32	25	170	0	2	0	2	0	3	2	20	77	125	13
623	50	82	529	715018	2.0	805	2.6	0.1	8	5	21	0	2	0	2	0	2	1	2	55	87	10
624	50	82	529	715019	2.0	1039	3.6	0.8	10	5	58	0	2	0	2	0	2	3	2	51	222	50
625	50	82	529	715020	2.0	476	8.0	0.5	14	15	85	0	2	0	2	0	2	2	2	73	85	7
626	50	82	529	715021	2.0	218	2.5	0.1	6	5	7	0	2	0	2	0	2	1	2	57	107	23
627	50	82	529	715054	2.0	684	3.9	0.2	18	5	27	0	2	0	2	0	2	5	4	78	46	20
628	50	82	529	715055	2.0	783	2.5	0.2	11	5	15	0	2	0	2	0	2	3	2	49	62	10
629	50	82	529	715056	2.0	224	2.4	0.1	8	5	5	0	2	0	2	0	2	1	2	50	42	13
630	50	82	529	715057	2.0	176	2.1	0.1	6	5	2	0	2	0	2	0	2	1	2	45	43	9
631	50	82	529	715058	2.0	239	2.0	0.1	5	5	2	0	2	0	2	0	2	1	2	44	66	18
632	50	82	529	715059	2.0	402	2.6	0.1	8	5	43	0	3	0	2	0	2	1	2	48	53	7
633	50	82	529	715060	2.0	295	2.3	0.1	7	5	7	0	2	0	2	0	2	1	2	50	46	8
634	50	82	529	715061	2.0	311	2.3	0.1	7	5	8	0	2	0	2	0	2	1	2	49	47	7
635	50	82	529	715062	2.0	433	3.4	0.4	6	5	31	0	3	0	2	0	2	1	2	57	120	12
636	50	82	529	715063	20.0	2390	2.6	0.3	80	50	400	0	20	0	20	0	20	10	20	490	640	80
637	50	82	529	715064	2.0	160	2.1	0.2	5	5	15	0	2	0	2	0	2	1	2	45	93	11
638	50	82	529	715065	2.0	307	2.8	0.4	9	5	43	0	2	0	2	0	2	1	2	52	73	8
639	50	82	529	715066	2.0	409	4.2	0.1	12	10	102	0	2	0	2	0	2	1	4	84	55	13
640	50	82	529	715067	2.0	215	3.0	0.1	8	5	15	0	2	0	2	0	2	1	2	64	43	8
641	50	82	529	715068	2.0	248	2.1	0.1	5	5	2	0	2	0	2	0	2	1	2	43	56	9
642	50	82	529	715069	3.0	193	2.8	0.2	8	5	13	0	2	0	2	0	2	1	2	58	79	11
643	50	82	529	715070	2.0	483	3.0	0.5	8	5	14	0	2	0	2	0	2	1	2	50	106	19
644	50	82	529	715071	2.0	384	2.7	0.2	8	5	25	0	2	0	2	0	2	1	2	47	309	15
645	50	82	529	715072	2.0	165	2.3	0.3	4	5	23	0	2	0	2	0	2	1	2	43	45	7
646	50	82	529	715073	2.0	183	2.9	0.6	5	5	34	0	2	0	2	0	2	1	2	51	82	28
647	50	82	529	715074	2.0	281	2.4	0.5	6	5	16	0	2	0	2	0	2	1	2	46	82	32
648	50	82	529	715075	2.0	194	2.7	0.5	8	5	26	0	2	0	2	0	2	1	2	51	62	9

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Pb	V	Ba	Sr
649	50	82	529	715076	3.0	199	2.6	0.2	6	5	22	0	2	0	2	0	2	1	2	57	65	14
650	50	82	529	715077	2.0	371	2.3	0.6	6	5	11	0	2	0	2	0	2	1	2	45	109	26
651	50	82	529	715078	19.0	941	3.1	1.3	11	5	44	0	2	0	2	0	2	3	2	43	274	54
652	50	82	529	715079	5.0	292	2.2	0.5	9	5	18	0	2	0	2	0	2	1	2	54	139	30
653	50	82	529	715080	3.0	196	1.8	0.3	5	10	6	0	2	0	2	0	2	1	2	41	61	19
654	50	82	529	715081	2.0	231	3.2	0.3	8	5	42	0	2	0	2	0	2	1	2	56	104	29
655	50	82	529	715082	20.0	2010	30.0	0.3	60	50	220	0	20	0	20	0	20	10	20	670	740	90
656	50	82	529	715083	20.0	4060	2.6	0.3	90	50	210	0	20	0	20	0	20	10	20	540	1010	260
657	50	82	529	715084	20.0	2650	20.0	0.4	50	50	200	0	20	0	20	0	20	10	20	400	1060	320
658	50	82	529	715085	2.0	748	3.0	0.5	10	5	65	0	2	0	2	0	2	1	2	62	67	14
659	50	82	529	715086	2.0	248	3.1	0.2	7	5	26	0	2	0	2	0	2	1	2	60	61	16
660	50	82	529	715087	2.0	305	4.0	0.1	10	5	39	0	2	0	2	0	2	1	2	86	86	11
661	50	82	529	715088	3.0	350	2.7	0.2	8	5	31	0	2	0	2	0	2	1	2	49	93	12
662	50	82	529	715089	2.0	578	3.6	1.8	8	10	279	0	4	0	2	0	2	3	2	45	56	12
663	50	82	529	715090	2.0	1336	5.1	0.2	21	5	138	0	3	0	2	0	2	1	2	57	75	11
664	50	82	529	715091	2.0	802	6.3	1.2	25	5	289	0	2	0	2	0	2	1	2	63	96	16
665	50	82	529	715092	2.0	262	2.7	0.5	6	5	38	0	2	0	2	0	2	1	2	50	116	17
666	50	82	529	715093	2.0	243	3.0	0.7	9	5	32	0	2	0	2	0	2	1	2	63	70	14
667	50	82	529	715094	2.0	227	2.3	0.3	9	5	21	0	2	0	2	0	2	1	2	45	71	12
668	50	82	529	715095	4.0	1070	8.1	0.6	60	5	440	0	12	0	2	0	2	2	2	39	62	25
669	50	82	529	715096	8.0	6099	14.0	3.0	23	5	320	0	2	0	2	0	5	1	2	18	48	15
670	50	82	529	715097	2.0	667	2.8	0.1	21	5	25	0	2	0	2	0	2	1	2	56	54	25
671	50	82	529	715098	2.0	168	3.1	0.2	10	5	24	0	2	0	2	0	2	1	2	59	67	17
672	50	82	529	718001	2.0	771	3.5	0.2	13	5	35	0	2	0	2	0	2	4	2	71	59	60
673	50	82	529	718002	2.0	177	1.9	0.1	6	5	22	0	2	0	2	0	2	1	2	39	48	9
674	50	82	529	718003	2.0	242	3.3	0.4	9	5	60	0	3	0	2	0	2	1	2	65	73	10
675	50	82	529	718004	2.0	968	4.2	0.7	21	20	338	0	8	0	2	0	2	2	2	52	96	13
676	50	82	529	718005	2.0	343	2.5	0.3	9	5	39	0	2	0	2	0	2	1	2	48	73	20
677	50	82	529	718006	2.0	253	2.1	0.1	6	5	29	0	2	0	2	0	2	1	2	46	90	13
678	50	82	529	718007	2.0	178	2.5	0.1	7	5	38	0	2	0	2	0	2	1	2	47	50	7
679	50	82	529	718008	2.0	219	2.4	0.1	7	5	24	0	3	0	2	0	2	1	2	48	85	13
680	50	82	529	718009	2.0	161	2.6	0.2	5	5	6	0	2	0	2	0	2	1	2	50	95	15
681	50	82	529	718010	2.0	182	2.5	0.1	7	5	3	0	2	0	2	0	2	1	2	41	315	33
682	50	82	529	718011	2.0	111	1.7	0.1	4	5	2	0	2	0	2	0	2	1	2	30	147	16
683	50	82	529	718012	2.0	710	2.6	0.3	7	5	3	0	3	0	2	0	2	1	2	53	399	46
684	50	82	529	718013	2.0	172	2.4	0.1	6	5	6	0	2	0	2	0	2	1	2	50	121	17
685	50	82	529	718014	2.0	161	2.1	0.1	5	5	7	0	2	0	2	0	2	1	2	44	148	12
686	50	82	529	718015	2.0	166	2.3	0.1	6	5	4	0	2	0	2	0	2	1	2	52	168	15
687	50	82	529	718016	2.0	352	2.1	0.1	5	5	3	0	2	0	2	0	2	1	2	47	56	10
688	50	82	529	718017	2.0	176	2.7	0.1	6	5	5	0	3	0	2	0	2	1	2	53	129	11
689	50	82	529	718018	2.0	214	2.4	0.1	6	5	13	0	2	0	2	0	2	1	2	46	94	9
690	50	82	529	718019	2.0	127	2.8	0.2	5	5	10	0	2	0	2	0	2	1	2	49	121	14
691	50	82	529	718020	2.0	298	2.5	0.1	7	5	7	0	2	0	2	0	2	1	2	50	136	35
692	50	82	529	718021	2.0	622	2.2	0.1	6	5	2	0	2	0	2	0	2	1	2	44	87	10
693	50	82	529	718022	2.0	376	2.6	0.1	5	10	7	0	2	0	2	0	2	1	2	52	65	10
694	50	82	529	718023	2.0	222	2.5	0.1	6	5	8	0	2	0	2	0	2	1	2	45	98	10
695	50	82	529	718024	2.0	267	2.9	0.3	7	5	39	0	2	0	2	0	2	1	2	57	76	8
696	50	82	529	718025	2.0	219	2.7	0.1	8	5	21	0	3	0	2	0	2	1	2	57	142	13
697	50	82	529	718026	2.0	162	2.9	0.1	6	5	17	0	2	0	2	0	2	1	2	64	57	10
698	50	82	529	718027	2.0	222	1.9	0.1	5	5	14	0	2	0	2	0	2	1	2	35	234	25
699	50	82	529	718028	2.0	192	2.7	0.1	8	5	17	0	2	0	2	0	2	1	2	52	132	16
700	50	82	529	718029	2.0	394	2.7	0.2	7	5	9	0	2	0	2	0	2	1	2	48	98	14
701	50	82	529	718030	2.0	199	1.5	0.2	4	5	5	0	2	0	2	0	2	1	2	30	162	20
702	50	82	529	718031	2.0	365	2.1	0.2	5	5	7	0	2	0	2	0	2	1	2	39	280	26

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
703	50	82	529	718032	2.0	217	2.0	0.2	5	5	12	0	2	0	2	0	2	1	2	42	236	28
704	50	82	529	718033	2.0	467	2.0	0.1	6	5	5	0	2	0	2	0	2	1	2	38	224	14
705	50	82	529	718034	2.0	215	1.0	0.1	2	5	2	0	2	0	2	0	2	1	2	23	102	12
706	50	82	529	718035	3.0	1435	2.3	0.3	7	5	7	0	2	0	2	0	2	1	2	38	362	83
707	50	82	529	718036	2.0	125	1.9	0.1	3	5	6	0	2	0	2	0	2	1	2	42	61	10
708	50	82	529	718037	2.0	460	1.3	0.1	4	5	2	0	2	0	2	0	2	1	2	22	103	17
709	50	82	529	718038	2.0	195	2.5	0.1	5	5	8	0	2	0	2	0	2	1	2	44	109	19
710	50	82	529	718039	2.0	2858	3.4	0.4	11	5	11	0	2	0	2	0	2	1	2	43	818	187
711	50	82	529	718040	2.0	354	2.6	0.1	7	5	9	0	2	0	2	0	2	1	2	62	85	12
712	50	82	529	718041	2.0	213	2.5	0.1	7	5	10	0	2	0	2	0	2	1	2	54	72	20
713	50	82	529	718042	2.0	297	2.2	0.1	6	5	2	0	2	0	2	0	2	1	2	47	39	8
714	50	82	529	718043	2.0	200	2.0	0.1	6	5	2	0	2	0	2	0	2	1	2	44	44	9
715	50	82	529	718044	2.0	236	1.8	0.1	4	5	3	0	2	0	2	0	2	1	2	37	93	13
716	50	82	529	718045	10.0	558	2.9	0.3	8	5	12	0	2	0	2	0	2	1	2	45	415	129
717	50	82	529	718046	15.0	1154	3.1	0.6	8	5	11	0	2	0	2	0	2	1	2	45	590	183
718	50	82	529	718047	2.0	1006	2.5	0.2	8	5	7	0	2	0	2	0	2	1	2	35	398	71
719	50	82	529	718048	2.0	301	2.2	0.1	6	5	5	0	2	0	2	0	2	1	2	45	159	26
720	50	82	529	718049	2.0	228	2.0	0.1	5	5	5	0	2	0	2	0	2	1	2	42	70	20
721	50	82	529	718050	2.0	161	2.2	0.2	5	5	11	0	2	0	2	0	2	1	2	51	113	19
722	50	82	529	718051	2.0	163	2.1	0.1	6	5	8	0	2	0	2	0	2	1	2	45	85	9
723	50	82	529	718052	2.0	171	2.0	0.2	4	5	7	0	2	0	2	0	2	1	2	40	68	8
724	50	82	529	718053	2.0	138	2.4	0.1	6	5	7	0	2	0	2	0	2	1	2	51	78	12
725	50	82	529	718054	2.0	200	2.2	0.1	6	5	8	0	2	0	2	0	2	1	2	50	57	9
726	50	82	529	718055	2.0	361	2.2	0.1	6	5	5	0	2	0	2	0	2	1	2	48	66	9
727	50	82	529	718056	2.0	141	2.2	0.1	4	5	4	0	2	0	2	0	2	1	2	50	44	8
728	50	82	529	718057	2.0	149	2.4	0.1	6	5	7	0	2	0	2	0	2	1	2	51	79	12
729	50	82	529	718058	2.0	389	2.2	0.1	7	5	5	0	2	0	2	0	2	1	2	47	133	25

* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT, EXCEPT FOR HG AND AU, WHICH ARE IN PPB.

T=0.367 DR=0 \$1.83, \$11.12T
\$COPY -9 *PRINT*

LISTING OF GEOCHEMICAL SURVEY - RANGE CLAIMS

AUGUST 18, 1982

PART 3 PAGE 4

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAU
1				710031	0.01	1.12	0.61	0.26	0.01	0.04	2.1	176	0.13	0.02	7	0	2	15	25	8	16	2
2				711636	0.02	2.13	0.13	0.26	0.01	0.06	2.4	157	0.06	0.06	6	0	2	14	24	7	32	1
3				711637	0.01	1.32	0.67	0.27	0.01	0.05	1.8	417	0.08	0.03	9	0	2	11	23	6	33	1
4	10	82	529	710010	0.01	1.95	1.00	0.41	0.01	0.12	3.1	1318	0.02	0.09	20	0	2	20	9	4	38	2
5	10	82	529	710034	0.01	2.28	1.47	0.48	0.02	0.10	4.3	7150	0.01	0.13	22	0	2	19	10	6	40	2
6	10	82	529	710037	0.01	2.21	1.13	0.41	0.01	0.08	2.3	492	0.02	0.09	12	0	2	19	7	3	22	2
7	10	82	529	710089	0.01	0.37	5.08	0.15	0.01	0.03	0.3	740	0.01	0.16	11	0	16	5	2	2	12	2
8	10	82	529	711121	0.01	2.00	1.66	0.40	0.02	0.09	2.3	844	0.03	0.09	26	0	2	18	10	6	33	2
9	10	82	529	711122	0.01	1.15	0.81	0.22	0.02	0.15	2.2	1362	0.01	0.08	26	0	2	11	8	4	46	2
10	10	82	529	711124	0.01	1.00	0.51	0.31	0.02	0.19	3.2	1754	0.01	0.12	21	0	2	18	9	5	47	2
11	10	82	529	711135	0.01	1.26	1.41	0.34	0.02	0.14	2.8	2018	0.01	0.11	18	0	3	14	8	5	33	2
12	10	82	529	711179	0.01	1.05	0.50	0.39	0.02	0.14	3.4	1713	0.01	0.13	18	0	2	20	13	4	43	2
13	10	82	529	711180	0.01	1.05	0.53	0.29	0.02	0.14	3.4	1978	0.01	0.12	19	0	2	18	13	4	45	2
14	10	82	529	711214	0.01	1.01	1.96	0.52	0.03	0.05	1.6	427	0.03	0.04	7	0	2	25	4	3	5	1
15	10	82	529	711216	0.01	1.37	0.58	0.53	0.03	0.07	2.9	906	0.10	0.08	15	0	2	23	18	10	17	1
16	10	82	529	711253	0.01	0.97	1.26	0.33	0.01	0.05	1.7	503	0.03	0.05	7	0	3	14	6	3	16	1
17	10	82	529	711598	0.01	1.32	0.54	0.53	0.03	0.14	3.0	972	0.02	0.08	14	0	4	17	18	4	45	1
18	10	82	529	711617	0.01	1.08	0.54	0.44	0.02	0.18	2.9	13710	0.01	0.06	110	0	50	120	170	40	380	10
19	10	82	529	711622	0.01	1.24	0.54	0.42	0.02	0.16	3.2	14280	0.01	0.10	190	0	20	250	190	40	550	10
20	50	82	529	710001	0.01	1.81	0.24	0.32	0.01	0.05	2.7	252	0.09	0.05	5	0	2	21	20	6	13	2
21	50	82	529	710002	0.01	1.90	0.19	0.33	0.01	0.04	3.1	266	0.09	0.05	5	0	2	18	18	7	14	2
22	50	82	529	710003	0.01	1.80	0.33	0.35	0.01	0.06	3.1	741	0.11	0.10	5	0	2	15	20	6	13	2
23	50	82	529	710004	0.01	2.64	0.56	0.50	0.02	0.07	6.2	1069	0.10	0.08	4	0	2	18	17	6	8	2
24	50	82	529	710005	0.01	3.45	0.68	0.67	0.07	0.06	5.6	814	0.10	0.04	5	0	2	19	17	7	14	2
25	50	82	529	710006	0.01	2.41	0.29	0.51	0.02	0.04	4.4	546	0.10	0.05	3	0	2	18	19	8	10	2
26	50	82	529	710007	0.01	2.48	0.16	0.32	0.02	0.04	4.1	1525	0.07	0.15	3	0	2	16	18	5	9	2
27	50	82	529	710008	0.01	1.56	0.28	0.24	0.01	0.04	2.4	315	0.12	0.07	6	0	2	18	22	10	17	2
28	50	82	529	710009	0.01	1.76	0.24	0.36	0.01	0.05	3.7	359	0.07	0.37	7	0	2	24	14	8	16	2
29	50	82	529	710011	0.01	1.30	0.48	0.26	0.01	0.06	2.0	158	0.04	0.04	17	0	2	17	10	4	22	2
30	50	82	529	710012	0.01	1.45	0.68	0.33	0.02	0.07	2.3	388	0.09	0.02	11	0	2	17	18	7	29	2
31	50	82	529	710013	0.01	1.73	0.63	0.45	0.02	0.08	2.7	539	0.06	0.04	13	0	2	22	15	7	28	2
32	50	82	529	710014	0.01	0.83	0.24	0.21	0.01	0.03	1.4	105	0.08	0.03	7	0	2	11	16	6	16	2
33	50	82	529	710015	0.01	0.94	0.54	0.10	0.01	0.05	1.7	278	0.04	0.03	10	0	2	14	12	4	19	2
34	50	82	529	710016	0.01	1.77	0.68	0.44	0.02	0.07	2.3	728	0.07	0.03	10	0	2	19	17	6	26	2
35	50	82	529	710017	0.01	2.50	1.03	0.54	0.02	0.11	2.7	365	0.04	0.05	17	0	2	24	10	5	27	2
36	50	82	529	710018	0.01	1.00	0.42	0.37	0.01	0.04	1.5	212	0.06	0.05	10	0	2	14	16	3	23	2
37	50	82	529	710019	0.01	1.12	0.41	0.30	0.01	0.05	1.5	226	0.07	0.02	9	0	2	14	14	5	19	2
38	50	82	529	710020	0.01	2.66	0.18	0.45	0.01	0.06	4.5	259	0.08	0.19	7	0	2	28	16	9	13	2
39	50	82	529	710021	0.01	2.77	0.21	0.42	0.01	0.07	4.2	295	0.08	0.17	6	0	2	28	16	10	14	2
40	50	82	529	710022	0.01	2.83	0.44	0.68	0.01	0.07	4.7	704	0.07	0.07	8	0	2	30	17	6	19	2
41	50	82	529	710023	0.01	2.73	0.36	0.71	0.01	0.06	3.4	698	0.04	0.03	7	0	2	26	15	5	18	2
42	50	82	529	710024	0.01	1.62	0.24	0.39	0.01	0.06	2.6	184	0.10	0.02	6	0	2	23	19	6	15	2
43	50	82	529	710025	0.01	1.83	0.52	0.57	0.01	0.07	2.7	322	0.05	0.06	11	0	2	23	13	5	24	2
44	50	82	529	710026	0.01	1.65	5.20	0.31	0.01	0.05	1.3	482	0.02	0.08	21	0	4	8	2	13	33	2
45	50	82	529	710027	0.01	3.28	2.24	0.54	0.02	0.12	4.3	1222	0.02	0.08	34	0	2	23	10	11	50	2
46	50	82	529	710028	0.01	1.69	0.94	0.33	0.02	0.06	2.0	368	0.07	0.05	16	0	2	18	15	6	28	2
47	50	82	529	710029	0.01	1.27	0.72	0.34	0.02	0.04	1.8	205	0.10	0.02	12	0	2	14	21	8	21	2
48	50	82	529	710030	0.01	1.34	0.29	0.21	0.01	0.03	2.6	158	0.14	0.02	7	0	2	17	26	9	19	2
49	50	82	529	710032	0.01	1.37	0.15	0.23	0.01	0.03	3.0	157	0.09	0.13	6	0	2	16	17	7	15	2
50	50	82	529	710033	0.01	1.58	0.09	0.18	0.01	0.04	3.0	255	0.02	0.17	8	0	2	16	9	3	16	2
51	50	82	529	710035	0.01	1.07	0.12	0.13	0.01	0.03	1.9	153	0.04	0.04	8	0	2	13	11	4	17	2
52	50	82	529	710036	0.01	1.11	0.26	0.26	0.01	0.05	1.9	342	0.02	0.04	9	0	2	15	8	2	18	2
53	50	82	529	710038	0.02	2.23	0.13	0.19	0.01	0.06	3.1	120	0.02	0.28	7	0	2	20	23	5	9	2
54	50	82	529	710039	0.01	1.49	0.17	0.33	0.02	0.08	3.0	390	0.07	0.04	6	0	2	28	30	5	9	2

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Ni	Zn	Ce	ICPAU
55	50	82	529	710040	0.01	2.37	0.25	0.48	0.02	0.09	3.1	373	0.08	0.07	6	0	2	26	30	7	10	2
56	50	82	529	710041	0.02	3.30	0.53	0.59	0.02	0.12	4.0	900	0.11	0.08	4	0	2	18	36	7	7	2
57	50	82	529	710042	0.02	3.06	0.41	0.60	0.02	0.11	4.1	755	0.12	0.08	5	0	2	19	36	8	8	2
58	50	82	529	710043	0.01	1.54	0.29	0.25	0.02	0.07	2.4	206	0.09	0.12	6	0	2	16	35	6	10	2
59	50	82	529	710044	0.01	1.20	0.43	0.28	0.02	0.10	2.1	269	0.10	0.03	10	0	2	15	35	5	11	2
60	50	82	529	710045	0.01	2.14	0.23	0.53	0.02	0.10	3.7	347	0.10	0.03	5	0	2	23	34	6	7	2
61	50	82	529	710046	0.01	1.49	0.22	0.25	0.01	0.07	2.7	400	0.10	0.05	6	0	2	17	33	6	10	2
62	50	82	529	710047	0.01	2.08	0.46	0.48	0.02	0.08	2.7	299	0.11	0.05	5	0	2	18	35	8	9	2
63	50	82	529	710048	0.01	1.41	0.34	0.34	0.01	0.09	2.5	322	0.11	0.07	5	0	2	18	34	7	8	2
64	50	82	529	710049	0.01	1.56	0.31	0.29	0.01	0.09	2.4	213	0.08	0.08	5	0	2	17	32	4	7	2
65	50	82	529	710050	0.01	1.60	0.23	0.35	0.01	0.08	2.7	572	0.08	0.07	6	0	2	20	32	5	8	2
66	50	82	529	710051	0.01	2.14	0.22	0.52	0.02	0.09	3.7	217	0.09	0.09	6	0	2	39	32	9	9	2
67	50	82	529	710052	0.01	2.61	0.20	0.72	0.01	0.11	4.9	563	0.09	0.15	5	0	6	52	31	6	7	2
68	50	82	529	710053	0.01	2.83	0.27	0.65	0.02	0.10	4.1	312	0.11	0.13	6	0	3	40	35	12	11	2
69	50	82	529	710054	0.01	2.93	0.90	0.61	0.02	0.11	3.8	323	0.12	0.05	8	0	2	25	39	15	17	2
70	50	82	529	710055	0.01	1.73	0.36	0.47	0.01	0.09	2.8	293	0.08	0.09	7	0	2	26	31	6	11	2
71	50	82	529	710056	0.01	1.13	0.26	0.27	0.01	0.08	2.6	191	0.07	0.03	7	0	2	21	28	4	11	2
72	50	82	529	710057	0.01	0.94	0.39	0.23	0.01	0.08	2.6	166	0.11	0.06	6	0	2	21	36	6	10	2
73	50	82	529	710058	0.01	1.84	0.28	0.37	0.01	0.07	3.6	231	0.10	0.09	6	0	2	24	33	10	11	2
74	50	82	529	710059	0.01	2.16	1.05	0.46	0.02	0.08	3.0	1032	0.06	0.07	14	0	2	24	30	5	24	2
75	50	82	529	710060	0.01	1.60	0.29	0.30	0.01	0.06	2.9	220	0.11	0.04	7	0	2	19	37	8	12	2
76	50	82	529	710061	0.01	1.24	0.26	0.24	0.01	0.06	2.5	207	0.11	0.03	7	0	2	17	34	7	12	2
77	50	82	529	710062	0.01	1.43	0.29	0.35	0.01	0.06	2.7	224	0.07	0.05	9	0	2	20	30	7	16	2
78	50	82	529	710063	0.01	1.68	2.99	0.42	0.02	0.06	1.9	994	0.02	0.14	24	0	4	14	12	5	28	2
79	50	82	529	710064	0.01	1.81	0.20	0.35	0.02	0.03	2.9	227	0.09	0.04	7	0	3	16	22	5	15	2
80	50	82	529	710065	0.01	1.12	0.15	0.14	0.01	0.03	2.3	135	0.09	0.07	7	0	2	16	20	5	15	2
81	50	82	529	710066	0.01	0.88	0.13	0.10	0.01	0.04	1.8	210	0.07	0.08	7	0	3	11	16	3	14	2
82	50	82	529	710067	0.01	0.90	0.16	0.12	0.01	0.03	0.8	98	0.03	0.02	10	0	2	8	10	2	20	2
83	50	82	529	710068	0.01	1.52	0.14	0.27	0.01	0.04	2.3	191	0.05	0.06	8	0	2	17	14	4	17	2
84	50	82	529	710069	0.02	2.21	0.09	0.18	0.01	0.03	2.0	102	0.02	0.12	8	0	2	13	10	4	16	2
85	50	82	529	710070	0.01	1.59	0.10	0.14	0.01	0.03	1.9	102	0.02	0.12	8	0	2	12	10	3	17	2
86	50	82	529	710071	0.01	1.52	0.14	0.22	0.01	0.03	3.1	157	0.05	0.10	8	0	2	16	15	5	15	2
87	50	82	529	710072	0.01	1.39	0.18	0.13	0.01	0.03	3.0	108	0.04	0.10	8	0	2	16	14	4	16	2
88	50	82	529	710073	0.01	1.18	0.11	0.16	0.01	0.03	2.5	245	0.05	0.09	7	0	2	17	12	3	15	2
89	50	82	529	710074	0.01	1.45	0.20	0.13	0.01	0.04	1.8	195	0.02	0.07	8	0	2	12	9	2	17	2
90	50	82	529	710075	0.01	1.17	0.12	0.19	0.01	0.03	2.3	145	0.04	0.10	8	0	3	16	9	4	15	2
91	50	82	529	710076	0.01	1.09	0.14	0.18	0.01	0.03	1.5	105	0.04	0.03	9	0	2	11	14	2	18	2
92	50	82	529	710077	0.01	1.65	0.49	0.34	0.01	0.05	2.7	903	0.03	0.04	12	0	2	18	12	2	21	2
93	50	82	529	710078	0.01	1.29	0.33	0.38	0.01	0.04	1.9	271	0.05	0.04	10	0	2	13	14	3	17	2
94	50	82	529	710079	0.01	1.35	0.07	0.18	0.01	0.04	3.2	127	0.03	0.07	8	0	3	14	11	2	15	2
95	50	82	529	710080	0.01	1.28	0.18	0.34	0.01	0.04	1.6	174	0.03	0.03	10	0	2	14	10	2	19	2
96	50	82	529	710081	0.01	1.28	0.18	0.35	0.01	0.03	1.6	189	0.03	0.03	10	0	2	12	12	2	19	2
97	50	82	529	710082	0.01	0.97	0.19	0.18	0.01	0.07	1.9	295	0.05	0.07	6	0	2	13	11	3	13	2
98	50	82	529	710083	0.01	2.25	0.30	0.29	0.02	0.04	2.9	373	0.13	0.03	7	0	3	19	27	10	18	2
99	50	82	529	710084	0.01	1.71	0.27	0.39	0.01	0.06	2.6	250	0.10	0.04	8	0	2	20	21	7	18	2
100	50	82	529	710085	0.01	1.83	0.25	0.31	0.01	0.07	2.5	454	0.08	0.06	7	0	2	20	20	4	15	2
101	50	82	529	710086	0.01	1.69	0.37	0.40	0.02	0.05	2.3	297	0.09	0.09	11	0	2	19	23	5	24	2
102	50	82	529	710087	0.01	1.53	0.25	0.37	0.01	0.07	2.9	194	0.10	0.03	7	0	2	22	23	6	14	2
103	50	82	529	710088	0.05	2.71	5.38	0.68	0.09	0.75	3.2	3171	0.07	0.38	16	0	26	26	17	9	32	2
104	50	82	529	710090	0.01	2.61	0.72	1.13	0.02	0.10	4.8	755	0.10	0.10	4	0	3	45	27	5	10	2
105	50	82	529	710091	0.01	1.74	1.56	0.58	0.01	0.09	3.8	1347	0.06	0.07	8	0	5	28	16	5	22	2
106	50	82	529	710092	0.01	2.22	0.30	1.04	0.01	0.08	6.0	881	0.01	0.08	10	0	3	35	12	3	19	2
107	50	82	529	710093	0.01	1.53	0.83	0.28	0.01	0.08	3.0	290	0.02	0.04	6	0	3	23	11	2	14	2
108	50	82	529	710094	0.01	2.67	0.25	0.40	0.01	0.06	3.5	225	0.09	0.03	5	0	2	24	21	7	11	2

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
109	50	82	529	710095	0.01	1.21	0.23	0.35	0.01	0.06	2.3	508	0.09	0.03	6	0	2	21	22	4	13	2
110	50	82	529	710096	0.01	1.30	0.29	0.32	0.01	0.05	2.8	1500	0.11	0.05	7	0	2	17	24	4	14	2
111	50	82	529	710097	0.01	2.81	0.85	0.68	0.07	0.08	3.3	970	0.12	0.03	8	0	6	26	28	7	21	2
112	50	82	529	710098	0.01	2.53	0.40	0.63	0.04	0.06	3.2	342	0.12	0.03	6	0	2	19	26	9	13	2
113	50	82	529	710099	0.01	1.00	0.24	0.24	0.01	0.06	2.1	263	0.08	0.03	5	0	2	14	18	3	12	2
114	50	82	529	710100	0.01	1.59	0.10	0.40	0.01	0.04	3.1	159	0.07	0.04	5	0	2	36	19	5	11	2
115	50	82	529	710101	0.01	1.60	0.11	0.41	0.01	0.05	2.9	157	0.06	0.04	5	0	2	36	19	4	11	2
116	50	82	529	710102	0.01	2.16	0.29	0.43	0.01	0.08	5.1	3964	0.05	0.07	8	0	2	25	19	5	24	2
117	50	82	529	710103	0.01	1.80	0.15	0.66	0.01	0.05	4.0	547	0.03	0.05	6	0	2	22	15	3	13	2
118	50	82	529	710104	0.01	2.43	0.19	0.81	0.01	0.04	4.7	686	0.03	0.05	5	0	2	30	14	4	11	2
119	50	82	529	710105	0.01	0.82	0.10	0.16	0.01	0.05	2.6	233	0.05	0.03	6	0	2	12	15	3	13	2
120	50	82	529	710106	0.02	1.76	2.38	0.36	0.04	0.25	2.5	3664	0.09	0.21	4	0	12	15	20	7	17	2
121	50	82	529	710107	0.01	1.35	0.71	0.28	0.03	0.16	2.7	11920	0.08	0.12	50	0	40	160	190	50	130	20
122	50	82	529	710108	0.01	1.73	0.12	0.26	0.01	0.03	4.2	1780	0.12	0.13	50	0	20	200	250	70	100	20
123	50	82	529	710109	0.01	1.78	0.84	0.37	0.01	0.04	3.1	6000	0.07	0.02	50	0	30	170	180	50	170	20
124	50	82	529	710110	0.01	1.24	0.17	0.29	0.01	0.03	30.0	1860	0.03	0.04	60	0	20	300	130	30	130	20
125	50	82	529	710111	0.01	1.06	0.09	0.17	0.01	0.06	2.7	3070	0.01	0.05	70	0	20	120	90	20	140	20
126	50	82	529	710112	0.01	0.95	0.19	0.17	0.01	0.03	2.3	1740	0.02	0.03	80	0	20	120	110	20	130	20
127	50	82	529	710113	0.01	0.89	0.35	0.22	0.01	0.03	1.2	2320	0.02	0.01	70	0	20	80	110	20	160	20
128	50	82	529	710114	0.01	1.83	0.10	0.26	0.01	0.04	2.3	2710	0.04	0.07	70	0	20	150	140	50	170	20
129	50	82	529	710115	0.01	2.16	0.14	0.26	0.01	0.04	2.4	625	0.02	0.12	8	0	2	15	11	3	16	2
130	50	82	529	710116	0.01	0.74	0.12	0.11	0.01	0.03	1.7	89	0.04	0.03	6	0	2	10	13	3	14	2
131	50	82	529	710117	0.01	1.58	0.10	0.22	0.01	0.04	2.2	201	0.04	0.07	7	0	2	13	12	4	15	2
132	50	82	529	710118	0.01	1.52	0.11	0.22	0.01	0.05	2.1	957	0.04	0.05	7	0	2	13	13	3	16	2
133	50	82	529	710119	0.01	1.31	0.18	0.28	0.01	0.05	2.5	192	0.07	0.08	8	0	2	16	11	6	5	1
134	50	82	529	710120	0.01	1.85	0.23	0.37	0.01	0.05	2.5	565	0.02	0.03	13	0	2	17	8	3	16	1
135	50	82	529	710121	0.01	1.63	0.37	0.38	0.01	0.09	2.4	668	0.03	0.06	11	0	2	17	5	3	13	1
136	50	82	529	710122	0.01	1.28	0.18	0.19	0.01	0.03	3.4	121	0.08	0.07	8	0	2	16	14	5	5	1
137	50	82	529	710123	0.01	2.30	0.91	0.42	0.01	0.05	3.2	1281	0.07	0.05	13	0	2	22	15	6	13	1
138	50	82	529	710124	0.01	1.36	0.05	0.12	0.01	0.05	5.4	1168	0.01	0.05	13	0	2	10	8	3	11	1
139	50	82	529	710125	0.01	1.19	0.77	0.40	0.01	0.04	2.7	712	0.06	0.03	10	0	2	17	14	4	11	1
140	50	82	529	710126	0.01	1.62	0.16	0.22	0.01	0.04	3.3	208	0.02	0.04	11	0	2	15	7	3	10	1
141	50	82	529	710127	0.01	0.95	0.14	0.14	0.01	0.03	2.4	122	0.05	0.04	10	0	2	14	10	4	9	1
142	50	82	529	710128	0.01	1.97	0.21	0.28	0.01	0.06	2.7	378	0.05	0.16	11	0	2	14	9	5	9	1
143	50	82	529	710129	0.01	1.49	0.28	0.26	0.01	0.05	2.1	170	0.03	0.06	16	0	2	11	8	2	17	1
144	50	82	529	710130	0.01	2.69	0.79	0.35	0.01	0.04	3.2	922	0.02	0.04	20	0	2	21	10	4	23	1
145	50	82	529	710131	0.01	1.75	0.12	0.24	0.01	0.04	2.6	339	0.03	0.09	11	0	2	14	8	1	10	1
146	50	82	529	710132	0.01	1.68	0.22	0.33	0.01	0.04	2.5	202	0.04	0.05	13	0	2	16	10	4	16	1
147	50	82	529	710133	0.03	1.73	0.10	0.14	0.01	0.03	2.5	165	0.04	0.15	13	0	3	13	9	4	13	1
148	50	82	529	710134	0.01	1.16	0.14	0.20	0.01	0.06	2.1	206	0.04	0.09	10	0	2	14	8	4	10	1
149	50	82	529	710135	0.01	3.16	1.01	0.34	0.01	0.10	3.4	3209	0.01	0.05	46	0	2	22	11	7	54	1
150	50	82	529	710136	0.03	2.07	0.14	0.20	0.01	0.04	2.7	281	0.08	0.16	12	0	2	18	16	8	14	1
151	50	82	529	710137	0.03	1.35	0.15	0.22	0.01	0.03	1.7	119	0.05	0.06	10	0	2	14	10	4	11	1
152	50	82	529	711101	0.01	1.11	0.24	0.27	0.01	0.06	2.5	6210	0.07	0.04	50	0	20	180	310	40	100	20
153	50	82	529	711102	0.01	1.39	0.33	0.35	0.01	0.08	2.5	7210	0.09	0.08	50	0	20	190	320	50	90	20
154	50	82	529	711103	0.02	2.58	0.27	0.36	0.01	0.06	3.9	763	0.06	0.07	5	0	2	14	28	5	7	2
155	50	82	529	711104	0.02	2.44	0.32	0.39	0.01	0.07	3.1	342	0.08	0.06	6	0	2	17	32	6	11	2
156	50	82	529	711105	0.01	2.80	0.43	0.37	0.01	0.07	3.9	324	0.12	0.07	5	0	2	14	37	8	8	2
157	50	82	529	711106	0.01	5.12	0.77	0.45	0.02	0.06	5.7	881	0.05	0.22	2	0	3	6	23	5	4	2
158	50	82	529	711107	0.01	2.74	0.47	0.58	0.02	0.12	5.8	1678	0.03	0.05	7	0	2	17	26	6	12	2
159	50	82	529	711108	0.01	2.27	0.37	0.53	0.02	0.11	3.6	460	0.09	0.05	4	0	2	20	32	8	10	2
160	50	82	529	711109	0.01	2.20	0.35	0.47	0.01	0.08	3.9	481	0.11	0.03	4	0	2	20	34	6	6	2
161	50	82	529	711110	0.01	1.55	0.42	0.38	0.01	0.10	2.8	354	0.11	0.07	5	0	2	20	36	6	10	2
162	50	82	529	711111	0.01	2.35	0.49	0.46	0.02	0.09	3.6	615	0.11	0.03	4	0	2	15	22	7	12	2

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAU
163	50	82	529	711112	0.01	3.80	0.46	0.33	0.02	0.04	7.5	2560	0.06	0.14	6	0	2	20	9	7	12	2
164	50	82	529	711113	0.01	2.58	0.16	0.36	0.01	0.04	3.2	382	0.08	0.07	6	0	2	16	16	6	14	2
165	50	82	529	711114	0.01	2.83	0.29	0.53	0.01	0.06	3.7	814	0.07	0.04	6	0	2	23	17	5	13	2
166	50	82	529	711115	0.01	1.74	0.30	0.46	0.01	0.08	3.2	1108	0.08	0.04	6	0	2	24	17	4	14	2
167	50	82	529	711116	0.01	1.62	0.23	0.36	0.02	0.05	2.6	209	0.08	0.04	6	0	2	24	18	4	15	2
168	50	82	529	711117	0.01	2.05	0.22	0.37	0.01	0.06	2.9	211	0.13	0.08	7	0	2	24	24	11	17	2
169	50	82	529	711118	0.01	6.03	1.24	0.28	0.02	0.05	4.1	2835	0.07	0.17	52	0	2	22	23	22	117	2
170	50	82	529	711119	0.01	1.75	0.18	0.30	0.01	0.05	2.4	180	0.08	0.04	8	0	2	16	16	10	18	2
171	50	82	529	711120	0.01	1.44	0.09	0.26	0.01	0.04	2.6	179	0.02	0.06	7	0	2	20	8	3	16	2
172	50	82	529	711123	0.01	2.39	0.79	0.37	0.01	0.10	2.8	655	0.02	0.07	22	0	2	22	10	4	32	2
173	50	82	529	711125	0.01	1.59	0.23	0.56	0.01	0.05	2.8	261	0.05	0.05	10	0	2	27	12	6	22	2
174	50	82	529	711126	0.01	2.41	0.34	0.36	0.01	0.07	2.7	760	0.05	0.07	11	0	2	21	11	6	25	2
175	50	82	529	711127	0.01	1.98	0.34	0.28	0.01	0.06	2.9	174	0.06	0.14	8	0	2	19	13	8	18	2
176	50	82	529	711128	0.01	1.61	0.26	0.28	0.01	0.06	2.9	214	0.04	0.10	8	0	2	19	11	7	18	2
177	50	82	529	711129	0.01	1.34	0.48	0.35	0.01	0.05	1.9	357	0.08	0.02	11	0	2	17	19	5	25	2
178	50	82	529	711130	0.01	2.49	0.89	0.47	0.01	0.08	2.3	1473	0.02	0.05	19	0	2	21	10	4	48	2
179	50	82	529	711131	0.01	1.01	0.19	0.25	0.01	0.04	1.3	113	0.05	0.02	9	0	2	11	13	2	22	2
180	50	82	529	711132	0.01	0.96	0.30	0.27	0.01	0.03	1.3	172	0.09	0.01	8	0	2	11	18	6	20	2
181	50	82	529	711133	0.01	0.93	0.32	0.23	0.01	0.03	1.4	125	0.08	0.04	8	0	4	13	17	6	21	2
182	50	82	529	711134	0.01	1.80	0.23	0.43	0.01	0.06	2.9	211	0.09	0.04	6	0	2	22	17	5	15	2
183	50	82	529	711136	0.01	0.71	0.13	0.05	0.01	0.13	2.3	827	0.01	0.06	19	0	2	6	7	2	38	2
184	50	82	529	711137	0.01	0.84	0.12	0.03	0.01	0.09	1.5	176	0.01	0.02	13	0	2	3	6	3	28	2
185	50	82	529	711138	0.01	1.42	0.18	0.19	0.01	0.04	2.4	193	0.09	0.06	7	0	2	17	19	7	17	2
186	50	82	529	711139	0.01	1.33	0.19	0.20	0.01	0.04	2.3	438	0.09	0.07	6	0	2	16	19	6	17	2
187	50	82	529	711140	0.01	1.31	0.14	0.31	0.01	0.05	2.9	1206	0.04	0.06	6	0	2	23	12	3	16	2
188	50	82	529	711141	0.01	2.36	0.28	0.36	0.01	0.06	4.1	765	0.10	0.05	4	0	2	16	20	6	13	2
189	50	82	529	711142	0.01	2.09	0.37	0.44	0.01	0.08	2.7	390	0.10	0.04	7	0	2	18	20	6	18	2
190	50	82	529	711143	0.01	2.49	0.55	0.39	0.01	0.06	3.8	879	0.09	0.05	4	0	2	16	21	7	13	2
191	50	82	529	711144	0.01	2.46	0.37	0.37	0.01	0.06	3.1	324	0.12	0.03	6	0	2	19	21	9	15	2
192	50	82	529	711145	0.01	1.95	0.37	0.38	0.01	0.06	2.9	1548	0.10	0.04	6	0	2	16	21	5	15	2
193	50	82	529	711146	0.01	2.06	0.44	0.45	0.02	0.06	3.0	308	0.07	0.05	5	0	2	19	15	4	14	2
194	50	82	529	711147	0.01	1.87	0.17	0.38	0.01	0.05	2.6	199	0.08	0.05	5	0	2	21	16	5	14	2
195	50	82	529	711148	0.02	2.82	0.25	0.44	0.01	0.08	3.4	346	0.12	0.10	7	0	2	31	21	15	20	2
196	50	82	529	711149	0.01	2.42	0.28	0.49	0.02	0.06	3.1	276	0.09	0.09	8	0	2	33	21	6	21	2
197	50	82	529	711150	0.01	1.38	0.15	0.25	0.01	0.06	3.1	175	0.07	0.09	7	0	3	21	15	6	17	2
198	50	82	529	711151	0.01	2.00	0.11	0.45	0.01	0.04	4.0	186	0.04	0.05	6	0	2	36	9	5	14	2
199	50	82	529	711152	0.01	1.56	0.12	0.28	0.01	0.04	2.6	140	0.03	0.12	6	0	2	21	10	5	16	2
200	50	82	529	711153	0.01	1.49	0.14	0.22	0.01	0.04	3.1	134	0.03	0.05	8	0	2	18	9	5	17	2
201	50	82	529	711154	0.01	1.54	0.88	0.40	0.02	0.07	2.3	422	0.06	0.04	13	0	2	18	14	5	25	2
202	50	82	529	711155	0.01	1.09	0.15	0.26	0.01	0.04	2.3	173	0.04	0.05	8	0	2	18	11	5	19	2
203	50	82	529	711156	0.01	1.24	0.20	0.21	0.01	0.03	2.6	149	0.08	0.05	7	0	2	18	17	7	17	2
204	50	82	529	711157	0.01	2.31	0.17	0.20	0.01	0.07	2.6	1260	0.02	0.08	14	0	2	18	9	4	35	2
205	50	82	529	711158	0.01	1.23	0.19	0.42	0.01	0.06	2.4	175	0.07	0.03	6	0	2	25	16	4	14	2
206	50	82	529	711159	0.01	2.00	0.35	0.48	0.01	0.06	3.9	403	0.11	0.04	4	0	2	20	20	5	10	2
207	50	82	529	711160	0.01	1.46	0.24	0.41	0.01	0.07	2.4	616	0.07	0.06	6	0	2	25	14	3	15	2
208	50	82	529	711161	0.01	2.30	0.31	0.98	0.04	0.19	3.7	746	0.10	0.08	6	0	2	50	18	4	13	2
209	50	82	529	711162	0.01	2.31	0.49	0.62	0.03	0.11	3.1	333	0.06	0.01	14	0	2	33	15	7	35	2
210	50	82	529	711163	0.01	2.34	0.54	0.62	0.02	0.11	3.1	336	0.06	0.01	16	0	2	33	16	8	42	2
211	50	82	529	711164	0.01	2.19	0.15	0.41	0.01	0.06	4.4	426	0.03	0.12	7	0	2	29	8	5	14	2
212	50	82	529	711165	0.01	1.11	0.38	0.18	0.01	0.05	2.8	287	0.07	0.09	5	0	2	17	14	4	12	2
213	50	82	529	711166	0.01	1.67	0.19	0.26	0.01	0.05	2.7	182	0.09	0.06	6	0	2	15	19	5	15	2
214	50	82	529	711167	0.01	2.92	0.32	0.44	0.01	0.07	3.3	360	0.10	0.09	7	0	2	23	20	8	16	2
215	50	82	529	711168	0.01	1.46	0.16	0.35	0.01	0.04	3.6	292	0.05	0.07	6	0	2	25	11	4	14	2
216	50	82	529	711169	0.01	1.64	0.22	0.39	0.01	0.05	3.2	239	0.05	0.09	7	0	4	24	14	3	17	2

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAU
217	50	82	529	711170	0.01	1.22	0.74	0.25	0.01	0.03	2.0	439	0.11	0.02	7	0	2	16	22	6	20	2
218	50	82	529	711171	0.01	1.78	0.62	0.47	0.02	0.05	2.7	822	0.07	0.03	10	0	2	23	16	5	23	2
219	50	82	529	711172	0.01	2.19	1.32	0.48	0.02	0.07	2.8	1666	0.05	0.04	10	0	2	22	13	5	28	2
220	50	82	529	711173	0.01	1.44	0.16	0.20	0.01	0.04	3.4	137	0.08	0.11	6	0	2	18	16	6	15	2
221	50	82	529	711174	0.01	2.00	0.26	0.32	0.01	0.04	2.6	548	0.02	0.04	13	0	2	17	9	3	26	2
222	50	82	529	711175	0.01	1.75	0.15	0.25	0.01	0.03	3.0	183	0.05	0.11	7	0	2	19	12	5	17	2
223	50	82	529	711176	0.01	1.12	0.13	0.18	0.01	0.04	1.9	666	0.02	0.08	10	0	2	12	8	2	22	2
224	50	82	529	711177	0.01	1.33	0.14	0.25	0.01	0.04	2.4	211	0.03	0.07	9	0	2	15	9	2	20	2
225	50	82	529	711178	0.01	1.61	0.10	0.27	0.01	0.04	3.7	165	0.03	0.17	7	0	2	18	9	3	15	2
226	50	82	529	711181	0.01	1.15	0.23	0.35	0.01	0.04	2.3	274	0.05	0.07	11	0	2	18	15	4	24	2
227	50	82	529	711182	0.01	2.84	0.58	0.54	0.01	0.08	2.7	723	0.01	0.08	18	0	2	23	13	3	42	2
228	50	82	529	711183	0.01	2.73	0.48	0.47	0.01	0.07	3.0	1995	0.02	0.09	14	0	2	21	15	4	34	2
229	50	82	529	711184	0.01	1.57	0.18	0.26	0.01	0.04	2.6	230	0.03	0.11	8	0	2	16	12	3	17	2
230	50	82	529	711185	0.01	3.57	0.36	0.38	0.01	0.06	3.6	429	0.02	0.10	9	0	2	23	13	4	19	2
231	50	82	529	711186	0.01	1.51	0.44	0.28	0.01	0.05	2.4	195	0.02	0.04	8	0	2	16	12	2	20	2
232	50	82	529	711187	0.01	1.25	0.09	0.14	0.01	0.03	2.7	123	0.04	0.10	6	0	2	15	12	4	13	2
233	50	82	529	711188	0.01	0.87	0.15	0.19	0.01	0.03	1.0	145	0.03	0.02	7	0	2	9	12	2	16	2
234	50	82	529	711189	0.01	1.03	0.18	0.12	0.01	0.04	2.1	245	0.03	0.05	12	0	2	12	11	2	21	2
235	50	82	529	711190	0.01	1.39	0.24	0.23	0.01	0.04	2.6	200	0.03	0.05	9	0	2	15	10	2	18	2
236	50	82	529	711191	0.01	1.25	0.32	0.22	0.01	0.04	2.2	720	0.02	0.03	16	0	2	11	11	2	31	2
237	50	82	529	711192	0.01	0.99	0.08	0.15	0.01	0.03	1.8	194	0.01	0.09	10	0	2	10	9	2	20	2
238	50	82	529	711193	0.02	2.31	1.10	0.28	0.01	0.04	3.0	3402	0.07	0.04	15	0	3	27	23	8	30	2
239	50	82	529	711194	0.01	1.51	0.19	0.29	0.01	0.04	3.0	367	0.09	0.08	5	0	2	20	23	6	12	2
240	50	82	529	711195	0.01	1.74	0.23	0.34	0.01	0.06	2.8	488	0.07	0.03	7	0	2	18	18	6	16	2
241	50	82	529	711196	0.01	2.56	0.74	0.42	0.02	0.06	4.6	548	0.08	0.02	6	0	2	24	24	11	22	2
242	50	82	529	711197	0.01	1.63	0.17	0.37	0.01	0.07	4.5	968	0.03	0.08	9	0	2	23	13	2	17	2
243	50	82	529	711198	0.01	1.38	0.19	0.37	0.01	0.06	3.5	264	0.11	0.04	6	0	2	22	23	7	14	2
244	50	82	529	711199	0.01	1.73	0.38	0.41	0.02	0.07	2.9	1192	0.09	0.07	8	0	3	27	22	5	19	2
245	50	82	529	711200	0.01	2.15	0.29	0.53	0.01	0.05	3.5	309	0.11	0.03	6	0	2	27	25	8	13	2
246	50	82	529	711201	0.01	1.88	0.28	0.49	0.01	0.05	3.3	347	0.10	0.03	6	0	3	28	22	7	13	2
247	50	82	529	711202	0.01	2.34	0.60	0.29	0.01	0.04	3.0	2042	0.08	0.04	9	0	2	23	23	6	22	2
248	50	82	529	711203	0.01	1.75	0.17	0.40	0.01	0.04	2.8	293	0.06	0.04	6	0	2	22	17	5	15	2
249	50	82	529	711204	0.02	3.54	0.28	0.36	0.02	0.05	3.7	1252	0.07	0.31	7	0	2	27	18	3	15	2
250	50	82	529	711205	0.01	1.74	0.24	0.32	0.01	0.03	1.7	152	0.07	0.03	9	0	2	15	18	4	20	2
251	50	82	529	711206	0.01	1.26	0.11	0.18	0.01	0.07	2.8	316	0.01	0.05	9	0	3	13	10	2	18	2
252	50	82	529	711207	0.01	1.20	0.37	0.34	0.02	0.03	1.7	173	0.09	0.04	7	0	3	15	19	7	17	2
253	50	82	529	711208	0.01	1.51	0.19	0.34	0.01	0.05	2.9	304	0.03	0.07	9	0	2	18	13	2	18	2
254	50	82	529	711209	0.01	0.49	0.07	0.03	0.01	0.02	0.6	41	0.03	0.01	13	0	2	5	10	2	25	2
255	50	82	529	711210	0.01	1.89	0.39	0.34	0.01	0.05	3.1	258	0.15	0.02	6	0	3	23	31	9	14	2
256	50	82	529	711211	0.01	1.65	0.24	0.29	0.01	0.05	2.7	402	0.09	0.09	7	0	2	18	17	5	6	1
257	50	82	529	711212	0.01	1.96	0.45	0.31	0.02	0.04	2.9	317	0.09	0.01	8	0	2	19	17	6	7	1
258	50	82	529	711213	0.01	1.58	0.27	0.52	0.01	0.05	2.9	231	0.08	0.01	9	0	2	30	16	6	7	1
259	50	82	529	711215	0.01	1.33	0.29	0.26	0.01	0.06	3.2	1958	0.07	0.10	10	0	2	19	16	4	10	1
260	50	82	529	711217	0.01	1.51	0.25	0.36	0.01	0.07	3.1	335	0.10	0.03	9	0	2	20	19	7	8	1
261	50	82	529	711218	0.01	1.40	0.27	0.32	0.01	0.06	2.8	269	0.10	0.05	8	0	2	20	20	6	8	1
262	50	82	529	711219	0.01	1.37	0.29	0.28	0.01	0.08	2.9	330	0.09	0.07	9	0	2	15	17	6	9	1
263	50	82	529	711220	0.01	1.64	0.54	0.43	0.01	0.11	4.4	900	0.07	0.09	10	0	2	20	17	5	8	1
264	50	82	529	711221	0.01	2.04	0.45	0.93	0.01	0.06	4.7	1750	0.07	0.15	8	0	2	59	17	4	6	1
265	50	82	529	711222	0.01	1.02	0.18	0.19	0.01	0.05	2.6	375	0.08	0.06	7	0	2	16	15	5	7	1
266	50	82	529	711223	0.01	1.80	0.26	0.42	0.01	0.06	3.3	475	0.06	0.04	10	0	2	23	14	5	9	1
267	50	82	529	711224	0.01	1.36	0.15	0.30	0.01	0.04	2.6	209	0.06	0.03	9	0	2	17	12	4	10	1
268	50	82	529	711225	0.01	1.58	0.28	0.34	0.01	0.03	3.2	196	0.08	0.17	10	0	2	16	16	6	10	1
269	50	82	529	711226	0.01	1.43	0.16	0.34	0.01	0.04	3.1	364	0.07	0.07	11	0	2	17	14	5	10	1
270	50	82	529	711227	0.01	1.27	0.21	0.26	0.01	0.04	2.8	271	0.06	0.05	11	0	2	16	13	4	11	1

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAU
271	50	82	529	711228	0.01	1.41	0.21	0.20	0.01	0.03	3.0	188	0.12	0.13	8	0	2	18	21	7	7	1
272	50	82	529	711229	0.02	2.13	0.09	0.22	0.01	0.03	3.1	149	0.07	0.10	6	0	2	14	14	7	6	1
273	50	82	529	711230	0.01	1.51	0.09	0.25	0.01	0.03	2.6	159	0.06	0.13	6	0	2	15	13	5	6	1
274	50	82	529	711231	0.01	1.50	0.10	0.29	0.01	0.03	3.4	161	0.04	0.10	8	0	2	17	13	5	9	1
275	50	82	529	711232	0.01	0.89	0.10	0.20	0.01	0.03	2.1	165	0.03	0.06	8	0	2	10	9	2	9	1
276	50	82	529	711233	0.01	1.24	0.12	0.26	0.01	0.04	2.6	155	0.03	0.10	9	0	2	14	9	4	11	1
277	50	82	529	711234	0.01	1.29	0.28	0.27	0.01	0.04	1.9	150	0.01	0.07	9	0	2	15	8	2	11	1
278	50	82	529	711235	0.01	1.09	0.16	0.11	0.01	0.03	2.6	439	0.08	0.09	6	0	2	17	16	5	14	1
279	50	82	529	711236	0.01	1.19	0.63	0.29	0.02	0.03	1.7	185	0.10	0.06	9	0	2	15	19	8	19	1
280	50	82	529	711237	0.01	1.65	0.23	0.26	0.01	0.03	2.9	159	0.11	0.07	7	0	2	19	22	9	14	1
281	50	82	529	711238	0.01	1.15	0.19	0.16	0.01	0.04	2.0	349	0.07	0.10	7	0	2	14	13	4	16	1
282	50	82	529	711239	0.01	1.86	0.40	0.37	0.01	0.06	2.3	1156	0.06	0.05	12	0	2	15	15	3	28	1
283	50	82	529	711240	0.01	1.67	0.18	0.19	0.01	0.03	2.4	396	0.09	0.14	6	0	2	16	17	7	14	1
284	50	82	529	711241	0.01	1.52	0.15	0.18	0.01	0.03	2.4	258	0.10	0.11	6	0	2	17	18	9	13	1
285	50	82	529	711242	0.01	1.48	0.31	0.19	0.01	0.04	2.0	236	0.05	0.03	13	0	3	14	11	4	17	1
286	50	82	529	711243	0.01	1.56	0.23	0.20	0.01	0.04	2.0	274	0.06	0.13	8	0	2	13	11	4	16	1
287	50	82	529	711244	0.01	2.26	0.19	0.24	0.01	0.04	2.6	171	0.08	0.17	8	0	2	20	15	7	15	1
288	50	82	529	711245	0.01	1.18	0.25	0.26	0.01	0.03	2.3	163	0.10	0.03	6	0	2	17	17	7	12	1
289	50	82	529	711246	0.01	1.69	0.41	0.32	0.01	0.04	1.9	421	0.07	0.04	20	0	2	13	14	3	24	1
290	50	82	529	711247	0.01	2.60	0.75	0.40	0.02	0.08	3.2	554	0.03	0.09	20	0	3	21	11	4	34	1
291	50	82	529	711248	0.01	1.47	0.15	0.18	0.01	0.02	1.4	100	0.05	0.05	7	0	2	13	9	3	15	1
292	50	82	529	711249	0.03	2.35	0.09	0.17	0.01	0.03	2.2	193	0.06	0.13	7	0	2	15	10	5	15	1
293	50	82	529	711250	0.01	0.73	0.15	0.12	0.01	0.03	0.8	65	0.06	0.03	7	0	2	7	11	2	15	1
294	50	82	529	711251	0.03	2.71	0.08	0.09	0.01	0.02	2.3	170	0.04	0.21	7	0	2	17	8	6	14	1
295	50	82	529	711252	0.01	1.07	0.13	0.16	0.01	0.04	2.8	115	0.07	0.06	5	0	2	15	14	4	10	1
296	50	82	529	711254	0.01	1.08	0.51	0.29	0.01	0.04	2.1	175	0.08	0.02	7	0	2	17	15	5	15	1
297	50	82	529	711255	0.01	1.31	0.26	0.25	0.01	0.05	2.4	187	0.04	0.03	8	0	2	16	10	2	16	1
298	50	82	529	711256	0.01	0.70	0.47	0.29	0.02	0.03	1.9	175	0.08	0.06	8	0	2	14	14	3	18	1
299	50	82	529	711257	0.01	1.11	0.11	0.21	0.01	0.03	3.0	128	0.03	0.03	6	0	2	17	8	2	13	1
300	50	82	529	711258	0.01	1.31	0.16	0.21	0.01	0.04	2.4	157	0.08	0.05	5	0	2	15	14	4	11	1
301	50	82	529	711259	0.01	1.42	0.37	0.28	0.01	0.05	2.6	137	0.05	0.02	6	0	2	15	9	4	13	1
302	50	82	529	711260	0.01	1.28	0.12	0.24	0.01	0.05	3.0	146	0.07	0.05	6	0	2	17	14	5	13	1
303	50	82	529	711261	0.01	1.26	0.12	0.25	0.01	0.05	3.1	143	0.07	0.06	6	0	2	18	15	5	12	1
304	50	82	529	711262	0.01	1.87	0.45	0.29	0.01	0.08	3.5	3121	0.06	0.22	6	0	2	12	15	3	16	1
305	50	82	529	711263	0.01	1.55	0.18	0.16	0.01	0.03	1.9	251	0.08	0.04	5	0	2	11	14	4	12	1
306	50	82	529	711264	0.01	2.08	0.95	0.33	0.01	0.07	3.1	1160	0.05	0.04	16	0	3	18	14	5	29	1
307	50	82	529	711265	0.01	0.97	0.10	0.13	0.01	0.09	2.7	474	0.01	0.05	10	0	2	15	4	2	19	1
308	50	82	529	711266	0.01	1.09	0.22	0.14	0.01	0.06	2.3	306	0.09	0.05	7	0	2	17	15	5	15	1
309	50	82	529	711267	0.01	1.28	0.13	0.30	0.01	0.06	3.1	388	0.03	0.09	8	0	2	22	9	4	17	1
310	50	82	529	711268	0.01	1.30	0.08	0.21	0.01	0.06	2.5	217	0.02	0.08	9	0	2	16	8	4	18	1
311	50	82	529	711269	0.01	1.11	0.30	0.27	0.01	0.03	2.0	146	0.11	0.06	7	0	2	14	19	8	15	1
312	50	82	529	711270	0.01	1.60	0.70	0.20	0.01	0.03	2.4	336	0.09	0.03	15	0	2	17	18	6	23	1
313	50	82	529	711271	0.01	1.12	0.21	0.22	0.01	0.04	2.4	452	0.08	0.20	6	0	2	15	14	6	12	1
314	50	82	529	711272	0.01	1.28	0.19	0.19	0.01	0.04	2.0	118	0.07	0.11	6	0	2	13	12	6	13	1
315	50	82	529	711273	0.01	2.99	0.46	0.49	0.01	0.07	5.2	757	0.03	0.05	16	0	3	14	11	8	32	1
316	50	82	529	711274	0.01	1.15	0.34	0.21	0.01	0.03	1.7	136	0.08	0.04	6	0	2	13	15	4	15	1
317	50	82	529	711275	0.01	1.75	0.13	0.18	0.01	0.03	2.2	166	0.09	0.16	5	0	2	16	16	8	12	1
318	50	82	529	711276	0.01	1.99	0.14	0.18	0.01	0.03	2.4	201	0.08	0.15	6	0	2	16	15	6	12	1
319	50	82	529	711277	0.01	1.25	0.21	0.17	0.01	0.04	2.0	893	0.04	0.10	6	0	2	12	8	2	12	1
320	50	82	529	711278	0.01	1.75	0.15	0.20	0.01	0.03	2.3	183	0.10	0.13	7	0	2	15	17	6	15	1
321	50	82	529	711279	0.01	2.56	0.14	0.65	0.01	0.06	4.2	215	0.07	0.07	8	0	2	57	14	5	9	1
322	50	82	529	711280	0.01	1.36	0.15	0.34	0.01	0.05	2.3	229	0.04	0.06	9	0	2	22	11	3	13	1
323	50	82	529	711281	0.01	1.97	0.24	0.42	0.01	0.09	2.9	203	0.09	0.04	7	0	2	23	19	6	11	1
324	50	82	529	711282	0.01	1.81	0.16	0.27	0.01	0.05	2.7	838	0.07	0.10	7	0	2	17	14	5	10	1

RECD	TY	YE	PRJ	ID	SI02%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
325	50	82	529	711283	0.01	1.95	0.18	0.34	0.01	0.04	3.7	201	0.09	0.05	8	0	2	24	19	9	11	1
326	50	82	529	711284	0.03	3.44	0.28	0.56	0.02	0.06	6.1	2475	0.08	0.09	7	0	2	21	16	6	8	1
327	50	82	529	711285	0.01	2.07	0.24	0.31	0.01	0.05	3.0	230	0.10	0.06	9	0	2	20	22	12	16	1
328	50	82	529	711286	0.01	3.03	0.47	0.56	0.01	0.06	7.1	1820	0.05	0.13	14	0	2	52	15	7	22	1
329	50	82	529	711287	0.01	2.65	0.37	0.55	0.02	0.05	5.1	306	0.07	0.12	10	0	2	36	18	10	13	1
330	50	82	529	711288	0.01	2.94	0.23	0.55	0.01	0.08	3.5	256	0.09	0.14	9	0	2	29	21	12	14	1
331	50	82	529	711289	0.01	1.11	0.39	0.25	0.01	0.06	2.9	384	0.07	0.06	7	0	3	20	16	4	12	1
332	50	82	529	711290	0.01	1.26	0.39	0.24	0.01	0.05	2.5	404	0.08	0.11	8	0	2	18	17	5	12	1
333	50	82	529	711291	0.01	1.92	0.33	0.44	0.01	0.04	3.4	257	0.07	0.04	8	0	2	26	16	6	12	1
334	50	82	529	711292	0.01	1.40	0.28	0.27	0.01	0.05	3.0	290	0.09	0.06	8	0	2	20	18	7	13	1
335	50	82	529	711293	0.01	4.01	1.16	0.49	0.02	0.06	3.6	445	0.08	0.03	25	0	2	36	21	20	29	1
336	50	82	529	711294	0.01	2.07	0.28	0.40	0.01	0.04	2.7	245	0.11	0.06	8	0	2	23	22	7	11	1
337	50	82	529	711295	0.01	1.79	0.17	0.22	0.01	0.03	2.2	203	0.10	0.09	6	0	2	17	18	9	9	1
338	50	82	529	711296	0.01	1.89	0.29	0.47	0.02	0.03	2.7	257	0.08	0.02	7	0	3	25	15	5	8	1
339	50	82	529	711297	0.01	1.97	0.71	0.57	0.01	0.09	4.1	779	0.07	0.12	9	0	3	31	17	6	10	1
340	50	82	529	711298	0.01	1.97	0.33	0.44	0.01	0.05	4.1	550	0.10	0.07	10	0	2	28	20	7	11	1
341	50	82	529	711299	0.01	2.69	0.23	0.83	0.01	0.04	4.7	661	0.03	0.05	9	0	3	38	9	4	8	1
342	50	82	529	711300	0.01	1.34	0.27	0.36	0.01	0.06	2.8	291	0.08	0.06	9	0	2	21	14	6	9	1
343	50	82	529	711301	0.01	1.99	0.70	0.58	0.02	0.05	2.8	319	0.03	0.03	10	0	2	28	9	4	14	1
344	50	82	529	711302	0.02	2.76	0.64	0.43	0.02	0.06	3.3	722	0.10	0.07	9	0	2	34	21	12	13	1
345	50	82	529	711303	0.01	1.93	0.32	0.31	0.01	0.05	3.0	778	0.10	0.03	8	0	2	21	21	7	13	1
346	50	82	529	711304	0.01	1.55	0.28	0.42	0.01	0.04	2.5	333	0.09	0.05	10	0	2	20	17	7	13	1
347	50	82	529	711305	0.01	5.29	1.11	0.50	0.02	0.16	4.9	659	0.03	0.10	45	0	3	36	18	20	22	1
348	50	82	529	711306	0.01	1.83	0.94	0.32	0.01	0.06	3.5	1085	0.07	0.08	15	0	2	21	15	7	16	1
349	50	82	529	711307	0.01	2.27	0.31	0.78	0.01	0.05	5.3	1368	0.01	0.12	16	0	2	76	8	4	15	1
350	50	82	529	711308	0.01	2.79	4.17	0.60	0.04	0.11	3.9	523	0.02	0.10	14	0	4	22	13	4	17	1
351	50	82	529	711596	0.01	1.53	0.21	0.39	0.01	0.06	2.8	438	0.08	0.03	4	0	4	18	27	5	28	1
352	50	82	529	711597	0.01	2.11	0.22	0.41	0.01	0.08	3.3	367	0.02	0.04	7	0	3	22	18	5	35	1
353	50	82	529	711599	0.01	1.31	0.22	0.30	0.01	0.06	2.6	217	0.07	0.06	5	0	3	15	23	6	30	1
354	50	82	529	711600	0.01	1.80	0.24	0.30	0.01	0.06	2.8	224	0.08	0.13	4	0	4	16	25	7	29	1
355	50	82	529	711601	0.01	1.81	0.25	0.25	0.01	0.07	3.1	155	0.09	0.06	5	0	4	15	27	7	29	1
356	50	82	529	711602	0.01	1.75	0.21	0.27	0.01	0.06	2.8	151	0.10	0.04	5	0	4	16	28	9	30	1
357	50	82	529	711603	0.01	1.75	0.20	0.33	0.01	0.06	2.6	233	0.07	0.06	6	0	4	16	24	6	31	1
358	50	82	529	711604	0.01	3.10	0.93	0.45	0.02	0.17	3.2	2071	0.02	0.06	30	0	2	15	21	8	58	1
359	50	82	529	711605	0.01	0.44	0.16	0.07	0.01	0.06	1.4	132	0.07	0.03	5	0	3	8	24	4	31	1
360	50	82	529	711606	0.01	1.18	0.21	0.21	0.01	0.09	2.1	173	0.05	0.06	8	0	3	10	23	5	34	1
361	50	82	529	711607	0.01	0.65	0.14	0.05	0.01	0.10	2.1	249	0.01	0.05	12	0	2	7	17	2	40	1
362	50	82	529	711608	0.01	0.77	0.28	0.08	0.01	0.06	1.3	100	0.04	0.02	9	0	2	10	21	3	35	1
363	50	82	529	711609	0.01	0.85	0.57	0.12	0.01	0.12	1.5	493	0.01	0.06	12	0	2	2	16	2	39	1
364	50	82	529	711610	0.01	1.21	0.31	0.16	0.01	0.13	2.7	453	0.02	0.04	11	0	3	9	17	4	40	1
365	50	82	529	711611	0.01	1.94	0.23	0.25	0.01	0.05	3.6	150	0.09	0.10	5	0	4	17	27	9	31	1
366	50	82	529	711612	0.01	0.93	0.23	0.19	0.01	0.06	2.1	128	0.06	0.02	8	0	3	13	23	5	33	1
367	50	82	529	711613	0.01	1.47	0.34	0.15	0.01	0.18	3.3	423	0.01	0.04	14	0	3	19	16	4	45	1
368	50	82	529	711614	0.01	1.69	0.22	0.32	0.01	0.06	2.9	167	0.04	0.06	9	0	3	17	20	5	36	1
369	50	82	529	711615	0.01	1.53	0.25	0.33	0.01	0.07	3.2	3240	0.08	0.07	50	0	20	190	260	50	290	10
370	50	82	529	711616	0.01	1.70	0.29	0.66	0.02	0.13	3.2	4620	0.06	0.03	70	0	30	260	240	50	350	10
371	50	82	529	711618	0.01	1.72	0.11	0.36	0.01	0.07	3.6	1910	0.03	0.07	50	0	30	330	200	40	300	10
372	50	82	529	711619	0.01	2.01	0.19	0.45	0.01	0.09	30.0	3050	0.05	0.08	70	0	50	280	220	60	350	10
373	50	82	529	711620	0.01	2.17	1.02	0.41	0.01	0.10	2.9	6410	0.02	0.09	230	0	40	180	180	50	470	10
374	50	82	529	711621	0.01	2.09	1.21	0.40	0.01	0.10	2.7	7160	0.02	0.09	210	0	20	190	170	50	450	10
375	50	82	529	711623	0.01	1.43	0.42	0.42	0.01	0.06	2.3	2630	0.10	0.04	80	0	40	190	280	80	330	10
376	50	82	529	711624	0.01	0.54	0.20	0.09	0.01	0.05	1.3	1420	0.09	0.02	50	0	30	80	270	50	290	10
377	50	82	529	711625	0.01	2.43	1.58	0.46	0.02	0.10	3.3	10240	0.08	0.05	220	0	20	200	270	110	450	10
378	50	82	529	711626	0.01	3.40	1.52	0.44	0.02	0.12	4.2	9800	0.04	0.04	150	0	20	230	210	110	540	10

RECD	TY	YE	PRJ	ID	SI02%	A1%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	la	In	B	Cr	Nb	Zr	Ce	ICPAu
379	50	82	529	711627	0.01	2.23	0.96	0.38	0.02	0.11	3.1	5030	0.07	0.04	180	0	20	180	260	100	430	10
380	50	82	529	711628	0.01	1.16	0.57	0.21	0.01	0.05	1.9	1670	0.07	0.03	80	0	20	120	240	60	300	10
381	50	82	529	711629	0.01	3.01	1.08	0.43	0.02	0.16	4.3	8760	0.02	0.06	140	0	20	230	190	90	480	10
382	50	82	529	711630	0.02	2.31	0.18	0.22	0.01	0.05	3.0	255	0.08	0.14	6	0	2	17	24	8	31	1
383	50	82	529	711631	0.01	1.69	0.69	0.37	0.01	0.08	2.2	345	0.01	0.05	20	0	2	16	17	3	50	1
384	50	82	529	711632	0.01	0.83	0.33	0.30	0.01	0.05	1.3	140	0.06	0.03	8	0	2	8	24	5	33	1
385	50	82	529	711633	0.01	3.07	1.31	0.46	0.02	0.11	3.6	1052	0.04	0.04	11	0	2	24	21	8	42	1
386	50	82	529	711634	0.01	1.06	0.33	0.30	0.01	0.04	1.9	178	0.08	0.02	8	0	2	14	26	8	34	1
387	50	82	529	711635	0.01	1.42	0.17	0.19	0.01	0.06	1.8	482	0.03	0.07	6	0	2	9	20	4	32	1
388	50	82	529	714001	0.01	2.11	0.30	0.37	0.01	0.07	3.4	1231	0.14	0.04	5	0	2	18	27	6	13	2
389	50	82	529	714002	0.01	2.53	0.60	0.39	0.02	0.07	5.6	31000	0.08	0.07	40	0	20	190	150	50	120	20
390	50	82	529	714003	0.01	1.97	0.45	0.40	0.02	0.08	5.5	1184	0.11	0.05	5	0	2	21	20	7	11	2
391	50	82	529	714004	0.01	2.22	0.46	0.34	0.02	0.06	3.7	737	0.13	0.03	5	0	2	19	22	7	12	2
392	50	82	529	714005	0.01	2.73	0.42	0.46	0.02	0.08	3.4	513	0.13	0.03	4	0	2	15	22	8	13	2
393	50	82	529	714006	0.01	2.37	0.52	0.48	0.02	0.05	3.7	1430	0.11	0.04	7	0	2	14	22	7	16	2
394	50	82	529	714007	0.01	1.72	0.32	0.34	0.01	0.05	3.1	717	0.08	0.07	6	0	3	16	17	4	15	2
395	50	82	529	714008	0.01	2.81	0.46	0.55	0.01	0.07	4.7	1155	0.06	0.12	4	0	2	16	13	4	10	2
396	50	82	529	714009	0.01	1.18	0.25	0.27	0.01	0.05	2.4	685	0.07	0.07	5	0	4	20	15	3	15	2
397	50	82	529	714010	0.01	1.69	0.21	0.57	0.01	0.08	2.7	368	0.04	0.03	9	0	2	31	12	3	19	2
398	50	82	529	714011	0.01	2.03	0.16	0.33	0.01	0.04	2.8	305	0.05	0.04	8	0	2	22	12	6	17	2
399	50	82	529	714012	0.01	1.20	0.20	0.19	0.01	0.05	2.4	754	0.08	0.09	6	0	2	18	18	5	17	2
400	50	82	529	714013	0.01	1.75	0.21	0.37	0.01	0.05	3.3	885	0.10	0.06	6	0	2	23	19	6	15	2
401	50	82	529	714014	0.01	3.09	2.76	0.46	0.02	0.11	3.0	1114	0.03	0.07	46	0	2	23	13	10	37	2
402	50	82	529	714015	0.01	2.91	1.34	0.54	0.02	0.12	3.7	11390	0.06	0.05	160	0	20	270	170	70	380	20
403	50	82	529	714016	0.01	3.85	1.23	0.54	0.02	0.14	3.9	356	0.04	0.05	24	0	2	29	14	14	50	2
404	50	82	529	714017	0.01	1.28	0.57	0.33	0.02	0.05	1.9	257	0.12	0.04	11	0	2	15	23	8	24	2
405	50	82	529	714018	0.01	1.34	0.20	0.16	0.01	0.08	2.7	186	0.03	0.13	8	0	2	17	8	4	19	2
406	50	82	529	714019	0.01	2.08	0.18	0.19	0.01	0.04	3.0	157	0.09	0.15	7	0	2	23	18	8	17	2
407	50	82	529	714020	0.01	3.00	1.02	0.53	0.02	0.10	3.1	778	0.04	0.06	14	0	2	25	12	5	27	2
408	50	82	529	714021	0.01	1.66	0.84	0.48	0.02	0.09	3.1	506	0.05	0.08	14	0	2	23	13	5	31	2
409	50	82	529	714022	0.01	1.20	0.45	0.38	0.02	0.06	2.0	233	0.07	0.02	12	0	2	18	17	4	31	2
410	50	82	529	714023	0.01	2.20	1.00	0.56	0.02	0.09	2.7	560	0.07	0.04	10	0	2	23	18	5	23	2
411	50	82	529	714024	0.01	0.99	0.21	0.26	0.01	0.04	1.1	143	0.04	0.02	8	0	3	10	11	2	20	2
412	50	82	529	714025	0.01	0.63	0.13	0.10	0.01	0.04	1.2	120	0.05	0.03	10	0	2	11	13	2	22	2
413	50	82	529	714026	0.01	1.29	0.41	0.36	0.01	0.07	2.4	451	0.07	0.07	13	0	2	19	15	4	28	2
414	50	82	529	714027	0.01	1.47	0.39	0.30	0.01	0.05	2.1	348	0.09	0.03	9	0	2	15	19	6	19	2
415	50	82	529	714028	0.01	1.84	0.87	0.31	0.01	0.05	2.3	419	0.11	0.03	8	0	2	18	23	7	21	2
416	50	82	529	714029	0.01	0.91	0.20	0.18	0.02	0.11	1.6	121	0.07	0.03	12	0	2	19	15	5	27	2
417	50	82	529	714030	0.01	1.73	0.49	0.73	0.03	0.11	3.1	591	0.11	0.10	8	0	3	19	21	6	20	2
418	50	82	529	714031	0.01	2.00	0.78	0.85	0.10	0.14	2.6	613	0.07	0.07	7	0	3	50	15	4	17	2
419	50	82	529	714032	0.01	2.16	0.84	0.54	0.03	0.08	2.8	384	0.09	0.02	7	0	5	32	18	5	20	2
420	50	82	529	714033	0.01	3.06	0.77	0.81	0.10	0.12	3.7	1019	0.09	0.06	8	0	3	40	18	7	20	2
421	50	82	529	714034	0.01	1.47	0.24	0.31	0.01	0.08	2.6	1163	0.09	0.07	7	0	2	25	18	5	16	2
422	50	82	529	714035	0.01	2.00	0.25	0.47	0.01	0.07	3.4	336	0.11	0.07	8	0	2	27	20	6	17	2
423	50	82	529	714036	0.01	2.50	0.32	0.53	0.02	0.08	2.7	465	0.12	0.15	6	0	5	52	23	8	15	2
424	50	82	529	714037	0.01	2.84	0.51	1.80	0.03	0.13	4.7	991	0.09	0.11	9	0	3	95	18	6	18	2
425	50	82	529	714038	0.01	2.31	0.33	0.49	0.02	0.07	3.3	312	0.12	0.05	8	0	3	29	23	7	17	2
426	50	82	529	714039	0.01	1.62	0.28	0.22	0.01	0.04	2.2	177	0.10	0.02	7	0	2	16	19	6	16	2
427	50	82	529	714040	0.01	1.60	0.16	0.26	0.01	0.06	2.5	183	0.06	0.06	9	0	2	16	14	5	19	2
428	50	82	529	714041	0.01	2.08	0.60	0.45	0.01	0.07	2.9	1212	0.07	0.06	10	0	2	25	14	4	22	2
429	50	82	529	714042	0.01	2.31	0.33	1.16	0.02	0.16	4.0	740	0.05	0.11	9	0	4	42	11	4	18	2
430	50	82	529	714043	0.01	1.84	1.19	0.45	0.03	0.05	2.9	1593	0.10	0.04	13	0	4	23	21	5	35	2
431	50	82	529	714044	0.01	1.76	0.41	0.59	0.02	0.09	2.9	776	0.06	0.05	14	0	4	25	15	4	29	2
432	50	82	529	714045	0.01	1.72	0.27	0.34	0.02	0.04	3.5	231	0.12	0.10	10	0	3	22	20	8	20	2

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAU
433	50	82	529	714046	0.01	1.97	0.93	0.42	0.02	0.06	3.0	577	0.11	0.03	13	0	2	23	20	7	25	2
434	50	82	529	714047	0.01	1.51	0.18	0.28	0.01	0.04	3.1	383	0.07	0.04	9	0	2	19	15	5	19	2
435	50	82	529	714048	0.01	2.27	0.24	0.26	0.01	0.03	2.7	271	0.11	0.07	9	0	4	18	23	7	20	2
436	50	82	529	714049	0.01	1.02	0.20	0.14	0.01	0.04	2.0	152	0.07	0.01	10	0	2	15	17	4	22	2
437	50	82	529	714050	0.01	2.30	0.41	0.47	0.01	0.06	3.8	579	0.11	0.06	8	0	2	23	22	7	16	2
438	50	82	529	714051	0.01	1.62	0.19	0.26	0.01	0.06	2.7	196	0.06	0.06	10	0	4	17	13	5	20	2
439	50	82	529	714052	0.01	5.85	1.03	0.83	0.02	0.29	5.5	1878	0.01	0.04	22	0	2	42	7	14	37	2
440	50	82	529	714053	0.01	1.69	0.56	0.39	0.01	0.06	1.9	262	0.04	0.04	11	0	4	17	12	2	22	2
441	50	82	529	714057	0.01	3.11	1.09	0.56	0.02	0.12	3.2	1099	0.07	0.06	15	0	2	26	12	6	31	2
442	50	82	529	714059	0.01	1.57	0.80	0.39	0.02	0.06	2.1	454	0.11	0.07	17	0	5	21	19	6	32	2
443	50	82	529	714060	0.01	2.72	0.20	0.23	0.02	0.03	2.8	153	0.13	0.12	6	0	5	19	24	14	14	2
444	50	82	529	714061	0.01	2.92	0.20	0.24	0.01	0.03	2.8	155	0.13	0.12	6	0	4	20	21	15	14	2
445	50	82	529	714062	0.01	3.11	0.17	0.37	0.01	0.08	3.2	237	0.02	0.20	10	0	3	24	8	6	19	2
446	50	82	529	714063	0.01	1.65	0.26	0.45	0.01	0.05	3.0	269	0.09	0.08	10	0	4	24	17	7	20	2
447	50	82	529	714064	0.01	1.71	0.23	0.31	0.01	0.05	2.9	187	0.11	0.06	7	0	2	23	20	7	15	2
448	50	82	529	714065	0.01	2.17	0.34	0.49	0.01	0.07	4.0	500	0.12	0.04	8	0	2	31	22	7	17	2
449	50	82	529	714066	0.01	3.61	2.05	1.57	0.03	0.09	4.6	2923	0.06	0.07	19	0	2	111	20	4	17	1
450	50	82	529	714067	0.01	1.31	0.14	0.30	0.01	0.06	3.3	207	0.10	0.06	5	0	2	33	23	4	6	1
451	50	82	529	714068	0.03	1.91	0.29	0.40	0.01	0.05	3.0	348	0.07	0.06	5	0	2	20	16	5	7	1
452	50	82	529	714069	0.01	2.11	0.52	0.39	0.01	0.07	3.6	644	0.03	0.09	4	0	2	13	11	2	6	1
453	50	82	529	714070	0.01	2.39	0.41	0.40	0.01	0.07	3.4	324	0.08	0.07	6	0	2	15	18	6	7	1
454	50	82	529	714071	0.01	1.16	0.89	0.24	0.01	0.06	2.5	1175	0.08	0.05	5	0	2	12	18	4	8	1
455	50	82	529	714072	0.01	1.16	0.24	0.23	0.01	0.06	2.3	1304	0.07	0.17	5	0	2	13	16	3	7	1
456	50	82	529	714073	0.02	2.48	0.55	0.52	0.03	0.08	4.4	603	0.10	0.05	4	0	2	19	22	6	7	1
457	50	82	529	714074	0.01	2.10	0.24	0.34	0.01	0.07	3.6	1528	0.11	0.04	5	0	2	17	23	6	8	1
458	50	82	529	714075	0.01	1.92	0.25	0.37	0.01	0.07	3.9	1286	0.12	0.03	5	0	2	17	25	7	7	1
459	50	82	529	714076	0.01	2.10	0.22	0.54	0.02	0.05	2.9	314	0.10	0.03	5	0	2	21	20	6	7	1
460	50	82	529	714077	0.01	1.93	0.40	0.56	0.02	0.08	2.7	331	0.07	0.01	6	0	2	33	18	5	8	1
461	50	82	529	714078	0.01	1.78	1.01	0.72	0.04	0.07	2.7	253	0.07	0.06	12	0	4	38	18	7	16	1
462	50	82	529	714079	0.01	1.18	0.14	0.57	0.01	0.09	2.3	264	0.08	0.06	5	0	2	39	17	3	4	1
463	50	82	529	714080	0.01	1.28	0.17	0.27	0.01	0.04	2.4	175	0.07	0.12	5	0	2	17	15	5	7	1
464	50	82	529	714081	0.01	1.17	0.16	0.27	0.01	0.04	2.4	180	0.07	0.11	5	0	2	18	15	5	6	1
465	50	82	529	714082	0.01	1.53	0.17	0.36	0.01	0.04	2.4	187	0.07	0.04	7	0	2	21	16	5	9	1
466	50	82	529	714083	0.01	1.54	1.47	0.46	0.01	0.06	3.1	595	0.04	0.04	11	0	2	21	13	5	15	1
467	50	82	529	714084	0.01	1.12	0.21	0.34	0.01	0.04	2.0	469	0.04	0.04	9	0	2	15	10	2	10	1
468	50	82	529	714085	0.01	1.65	0.20	0.38	0.01	0.08	3.6	1302	0.05	0.03	4	0	2	12	13	3	6	1
469	50	82	529	714086	0.01	2.45	0.78	0.31	0.02	0.05	3.2	1173	0.09	0.01	18	0	2	18	20	9	20	1
470	50	82	529	714087	0.01	2.04	0.19	0.46	0.01	0.06	3.2	269	0.11	0.03	6	0	2	32	24	8	8	1
471	50	82	529	714088	0.01	1.76	0.17	0.44	0.01	0.03	2.9	371	0.08	0.03	5	0	2	33	19	5	7	1
472	50	82	529	714089	0.05	3.86	1.09	1.07	0.06	0.08	4.6	3284	0.09	0.06	9	0	2	84	24	5	15	1
473	50	82	529	714090	0.01	1.30	0.20	0.39	0.01	0.04	2.4	292	0.06	0.11	7	0	2	18	15	4	10	1
474	50	82	529	714091	0.01	2.53	0.33	0.89	0.01	0.10	11.0	2913	0.01	0.17	10	0	2	29	8	6	26	1
475	50	82	529	714092	0.02	2.01	1.02	0.90	0.01	0.06	6.8	1471	0.01	0.12	29	0	2	25	11	5	31	1
476	50	82	529	714093	0.01	1.41	0.22	0.40	0.01	0.04	2.1	531	0.03	0.04	12	0	2	14	11	2	15	1
477	50	82	529	714094	0.01	1.68	0.18	0.34	0.01	0.04	3.6	189	0.06	0.06	6	0	2	17	16	6	8	1
478	50	82	529	714095	0.01	1.27	0.24	0.39	0.01	0.04	2.0	235	0.04	0.07	11	0	2	15	11	3	15	1
479	50	82	529	714096	0.01	0.94	0.28	0.16	0.01	0.04	1.6	92	0.08	0.02	5	0	2	10	16	4	7	1
480	50	82	529	714097	0.01	1.08	0.12	0.27	0.01	0.04	2.4	177	0.04	0.05	9	0	2	15	10	3	9	1
481	50	82	529	714098	0.01	1.35	0.06	0.18	0.01	0.04	2.8	332	0.01	0.05	10	0	2	9	7	2	12	1
482	50	82	529	714099	0.01	1.12	0.11	0.19	0.01	0.03	1.9	129	0.03	0.04	8	0	2	12	8	2	8	1
483	50	82	529	714100	0.01	1.16	0.11	0.24	0.01	0.03	3.3	170	0.05	0.04	8	0	2	15	13	3	9	1
484	50	82	529	714101	0.01	1.02	0.11	0.19	0.01	0.03	2.9	142	0.05	0.04	8	0	2	14	12	3	9	1
485	50	82	529	714102	0.01	1.07	0.11	0.17	0.01	0.03	2.8	189	0.05	0.05	7	0	2	12	14	3	9	1
486	50	82	529	714103	0.01	0.84	0.11	0.17	0.01	0.03	2.2	165	0.05	0.04	9	0	2	11	10	3	10	1

RECD	TY	YE	PRJ	ID	SI02%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
487	50	82	529	714104	0.01	2.19	0.12	0.28	0.01	0.04	3.1	224	0.03	0.06	9	0	2	15	8	5	10	1
488	50	82	529	714105	0.01	1.00	0.14	0.19	0.01	0.04	1.9	843	0.03	0.06	11	0	2	11	9	3	13	1
489	50	82	529	714106	0.01	0.84	0.10	0.13	0.01	0.03	2.1	152	0.06	0.05	7	0	2	11	15	3	8	1
490	50	82	529	714107	0.01	2.51	0.48	0.32	0.01	0.04	3.7	1523	0.08	0.03	7	0	2	14	17	5	12	1
491	50	82	529	714108	0.01	1.42	0.15	0.42	0.01	0.06	2.7	260	0.07	0.03	7	0	2	15	14	5	8	1
492	50	82	529	714109	0.01	1.28	0.12	0.48	0.01	0.05	2.4	297	0.01	0.03	12	0	2	20	8	3	13	1
493	50	82	529	714110	0.02	2.19	0.81	0.25	0.01	0.03	3.0	144	0.08	0.03	7	0	2	23	20	5	10	1
494	50	82	529	714111	0.01	0.93	0.12	0.30	0.01	0.05	2.5	970	0.04	0.03	7	0	2	24	10	3	7	1
495	50	82	529	714112	0.01	1.29	0.16	0.43	0.01	0.05	3.7	1362	0.08	0.07	7	0	2	29	18	5	10	1
496	50	82	529	714114	0.01	1.72	0.35	0.37	0.01	0.04	2.4	476	0.07	0.03	9	0	2	16	17	6	12	1
497	50	82	529	714115	0.01	2.15	0.22	0.65	0.01	0.05	4.3	2481	0.03	0.06	9	0	2	29	12	4	10	1
498	50	82	529	714116	0.01	2.03	0.13	0.30	0.01	0.03	3.5	212	0.04	0.16	6	0	2	21	10	5	6	1
499	50	82	529	714117	0.01	1.55	0.11	0.31	0.01	0.03	3.1	231	0.05	0.04	7	0	2	18	11	4	6	1
500	50	82	529	714118	0.01	1.24	0.13	0.31	0.01	0.03	2.8	152	0.03	0.03	7	0	2	14	7	3	7	1
501	50	82	529	714119	0.01	1.57	0.22	0.36	0.01	0.04	2.5	271	0.05	0.04	8	0	2	16	12	5	9	1
502	50	82	529	714120	0.01	0.96	0.21	0.27	0.01	0.03	2.3	161	0.06	0.04	7	0	2	14	14	4	7	1
503	50	82	529	714121	0.01	0.97	0.21	0.27	0.01	0.03	2.3	163	0.06	0.04	7	0	2	14	14	4	7	1
504	50	82	529	714122	0.01	0.81	0.19	0.19	0.01	0.03	1.6	102	0.06	0.02	7	0	2	11	12	3	7	1
505	50	82	529	714123	0.01	1.42	0.31	0.32	0.01	0.03	1.8	262	0.06	0.02	10	0	2	14	12	3	10	1
506	50	82	529	714124	0.01	1.45	0.12	0.20	0.01	0.04	2.5	214	0.05	0.07	7	0	2	15	13	5	7	1
507	50	82	529	714125	0.01	1.34	0.16	0.16	0.01	0.04	2.1	276	0.04	0.08	7	0	2	13	10	3	7	1
508	50	82	529	714126	0.01	1.14	0.31	0.25	0.01	0.04	1.8	267	0.03	0.02	10	0	2	13	11	2	10	1
509	50	82	529	714127	0.01	0.81	0.21	0.19	0.01	0.03	1.8	153	0.07	0.01	8	0	2	11	15	4	8	1
510	50	82	529	714128	0.01	1.60	0.29	0.31	0.01	0.03	2.3	580	0.07	0.03	7	0	2	15	14	4	9	1
511	50	82	529	714129	0.04	2.04	0.11	0.17	0.01	0.02	2.2	163	0.10	0.13	7	0	2	17	19	9	9	1
512	50	82	529	714130	0.02	2.63	0.15	0.24	0.01	0.03	3.3	136	0.09	0.18	6	0	2	22	20	9	9	1
513	50	82	529	714131	0.01	0.71	0.33	0.24	0.01	0.03	1.3	363	0.08	0.05	13	0	2	15	17	6	17	1
514	50	82	529	714132	0.02	2.44	0.23	0.72	0.02	0.11	5.2	1376	0.01	0.08	8	0	4	12	10	4	12	1
515	50	82	529	714133	0.01	1.49	0.19	0.27	0.01	0.04	2.6	257	0.07	0.03	5	0	5	15	15	4	7	1
516	50	82	529	714134	0.01	1.88	1.62	0.61	0.01	0.03	9.0	1946	0.02	0.10	32	0	2	13	9	7	29	1
517	50	82	529	714135	0.01	0.95	5.72	0.40	0.02	0.05	2.0	448	0.02	0.11	9	0	3	14	2	3	18	1
518	50	82	529	714136	0.01	1.81	0.15	0.39	0.01	0.03	4.3	162	0.05	0.07	6	0	2	21	7	4	6	1
519	50	82	529	714137	0.01	0.95	0.21	0.20	0.01	0.04	2.0	392	0.03	0.05	8	0	2	15	3	2	10	1
520	50	82	529	714138	0.01	1.53	0.58	0.35	0.01	0.06	2.7	355	0.04	0.03	10	0	2	18	6	4	21	1
521	50	82	529	714139	0.01	1.91	0.58	0.42	0.01	0.07	2.6	654	0.02	0.04	17	0	2	20	6	3	21	1
522	50	82	529	714140	0.01	1.15	0.16	0.26	0.01	0.04	2.4	189	0.05	0.03	6	0	2	15	7	3	9	1
523	50	82	529	714141	0.01	1.25	0.16	0.28	0.01	0.04	2.5	191	0.05	0.03	7	0	2	15	8	3	9	1
524	50	82	529	714142	0.01	1.12	0.11	0.30	0.01	0.05	2.5	877	0.02	0.05	7	0	2	15	3	2	10	1
525	50	82	529	714143	0.01	1.25	0.13	0.26	0.01	0.03	2.6	176	0.05	0.06	6	0	2	16	7	4	7	1
526	50	82	529	714144	0.01	1.51	0.53	0.29	0.01	0.03	2.7	142	0.05	0.04	7	0	2	17	8	5	10	1
527	50	82	529	714145	0.01	1.60	0.29	0.29	0.01	0.02	2.9	251	0.12	0.02	8	0	2	23	17	9	17	1
528	50	82	529	714146	0.01	1.04	0.16	0.18	0.01	0.02	2.3	231	0.05	0.02	6	0	2	15	8	3	8	1
529	50	82	529	714147	0.01	1.61	0.11	0.27	0.01	0.03	2.9	248	0.04	0.08	7	0	2	17	7	4	9	1
530	50	82	529	714148	0.01	1.27	0.13	0.16	0.01	0.02	2.4	109	0.05	0.04	6	0	2	15	7	4	7	1
531	50	82	529	714149	0.01	1.16	0.28	0.30	0.01	0.02	2.3	161	0.06	0.03	7	0	2	17	9	6	10	1
532	50	82	529	714150	0.02	1.58	0.09	0.17	0.01	0.02	2.3	138	0.04	0.17	6	0	2	13	6	4	8	1
533	50	82	529	714151	0.01	2.77	1.00	0.43	0.02	0.04	3.3	527	0.05	0.06	15	0	2	21	11	6	28	1
534	50	82	529	714152	0.01	0.98	0.25	0.21	0.01	0.02	1.6	169	0.07	0.02	5	0	2	12	11	4	8	1
535	50	82	529	714153	0.01	1.23	0.08	0.20	0.01	0.03	2.0	424	0.03	0.10	7	0	2	11	6	2	10	1
536	50	82	529	714154	0.01	0.99	0.18	0.25	0.01	0.06	2.2	4700	0.05	0.05	70	0	20	160	70	30	100	10
537	50	82	529	714155	0.01	1.22	0.26	0.17	0.01	0.07	3.1	1355	0.04	0.08	9	0	2	21	11	4	14	1
538	50	82	529	714156	0.01	1.16	0.23	0.23	0.01	0.05	2.6	563	0.05	0.05	9	0	2	18	13	4	12	1
539	50	82	529	714157	0.01	3.16	0.81	0.46	0.01	0.12	5.4	6934	0.01	0.08	14	0	2	20	13	5	25	1
540	50	82	529	714158	0.01	1.33	0.53	0.37	0.02	0.03	2.7	414	0.08	0.03	9	0	2	19	18	8	16	1

RECD	TY	YE	PRJ	ID	SI02%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
541	50	82	529	714159	0.01	1.30	0.21	0.19	0.01	0.03	2.2	167	0.10	0.07	8	0	2	17	18	7	12	1
542	50	82	529	714160	0.01	1.37	0.27	0.19	0.01	0.03	2.3	167	0.11	0.06	7	0	2	17	23	7	11	1
543	50	82	529	714161	0.01	1.33	0.26	0.17	0.01	0.03	2.0	126	0.10	0.05	7	0	2	16	17	6	11	1
544	50	82	529	714162	0.01	1.50	0.64	0.37	0.02	0.04	2.2	228	0.11	0.03	10	0	2	19	23	7	14	1
545	50	82	529	714163	0.02	1.87	0.15	0.17	0.01	0.03	2.1	130	0.07	0.09	8	0	2	18	16	6	12	1
546	50	82	529	714164	0.01	1.13	0.55	0.29	0.02	0.03	1.6	185	0.10	0.05	12	0	2	17	22	6	23	1
547	50	82	529	714165	0.01	1.82	0.85	0.29	0.02	0.04	1.9	298	0.08	0.07	15	0	2	19	19	5	24	1
548	50	82	529	714166	0.01	0.90	0.30	0.17	0.01	0.03	1.1	148	0.09	0.02	11	0	2	9	19	5	17	1
549	50	82	529	714167	0.01	0.87	0.29	0.19	0.01	0.03	1.0	118	0.10	0.04	11	0	2	9	20	6	17	1
550	50	82	529	714168	0.01	1.09	0.25	0.20	0.01	0.03	1.5	135	0.08	0.04	12	0	2	12	17	7	18	1
551	50	82	529	714169	0.01	2.46	0.11	0.28	0.01	0.04	2.4	589	0.03	0.11	9	0	2	27	10	5	14	1
552	50	82	529	714170	0.01	3.11	0.14	0.19	0.01	0.04	2.6	115	0.06	0.14	10	0	2	20	15	9	15	1
553	50	82	529	714171	0.01	1.00	0.27	0.24	0.02	0.03	1.2	256	0.06	0.02	9	0	2	11	14	3	13	1
554	50	82	529	714172	0.01	1.17	0.32	0.25	0.01	0.04	2.0	171	0.12	0.06	9	0	2	19	24	9	15	1
555	50	82	529	714173	0.01	1.65	0.22	0.21	0.01	0.03	2.3	151	0.10	0.07	7	0	2	17	21	7	11	1
556	50	82	529	714174	0.01	1.13	0.28	0.22	0.01	0.04	1.7	212	0.10	0.02	10	0	2	16	20	6	14	1
557	50	82	529	714175	0.01	0.98	0.23	0.23	0.01	0.03	1.5	127	0.10	0.02	10	0	2	13	19	6	14	1
558	50	82	529	714176	0.01	6.88	1.08	0.87	0.04	0.29	5.9	679	0.03	0.04	34	0	2	46	22	33	45	1
559	50	82	529	714177	0.01	1.89	0.20	0.25	0.01	0.05	2.8	381	0.06	0.13	9	0	3	21	14	5	13	1
560	50	82	529	714178	0.01	2.24	0.22	0.33	0.01	0.05	3.5	171	0.05	0.02	8	0	2	21	15	8	12	1
561	50	82	529	714179	0.01	1.43	0.36	0.28	0.01	0.11	2.5	392	0.15	0.04	8	0	6	21	28	10	14	1
562	50	82	529	714180	0.01	1.25	0.31	0.24	0.01	0.05	2.6	198	0.05	0.02	7	0	2	15	14	5	12	1
563	50	82	529	714181	0.01	1.38	0.31	0.26	0.01	0.05	2.7	228	0.06	0.03	7	0	2	16	15	5	12	1
564	50	82	529	714182	0.01	1.08	0.20	0.24	0.01	0.04	2.2	184	0.05	0.01	8	0	2	17	15	4	12	1
565	50	82	529	714183	0.01	2.42	0.39	0.58	0.01	0.10	3.5	1372	0.01	0.05	12	0	3	26	9	4	25	1
566	50	82	529	714184	0.01	1.40	0.28	0.21	0.01	0.04	1.9	560	0.10	0.10	7	0	2	17	21	7	13	1
567	50	82	529	714185	0.01	2.13	0.33	0.77	0.01	0.10	4.0	918	0.03	0.07	10	0	3	30	14	5	16	1
568	50	82	529	714186	0.01	1.51	0.21	0.33	0.01	0.08	3.3	186	0.05	0.05	8	0	2	25	12	4	12	1
569	50	82	529	714187	0.01	1.00	0.16	0.18	0.01	0.04	2.6	159	0.07	0.03	8	0	2	22	16	4	13	1
570	50	82	529	714188	0.01	0.94	5.46	0.28	0.02	0.02	1.0	249	0.02	0.25	11	0	11	14	12	8	17	1
571	50	82	529	714190	0.01	1.15	0.38	0.29	0.01	0.05	2.6	184	0.10	0.02	7	0	2	20	21	8	11	1
572	50	82	529	714191	0.01	1.24	0.51	0.29	0.02	0.04	2.1	255	0.09	0.02	15	0	2	17	18	8	19	1
573	50	82	529	714192	0.01	1.38	0.13	0.22	0.01	0.09	2.4	1969	0.01	0.08	8	0	2	16	6	2	12	1
574	50	82	529	714193	0.01	0.81	0.20	0.14	0.01	0.02	1.5	261	0.09	0.03	8	0	2	12	16	5	13	1
575	50	82	529	714194	0.01	2.51	0.20	0.65	0.01	0.10	4.2	3628	0.01	0.14	10	0	3	44	7	3	18	1
576	50	82	529	714195	0.01	2.00	0.38	0.55	0.01	0.20	2.7	2907	0.01	0.10	9	0	3	42	8	2	16	1
577	50	82	529	714196	0.01	0.71	0.16	0.10	0.01	0.02	1.6	168	0.08	0.03	8	0	2	13	16	5	13	1
578	50	82	529	714197	0.01	1.28	0.20	0.17	0.01	0.02	1.9	481	0.13	0.06	6	0	2	16	25	8	10	1
579	50	82	529	714198	0.01	1.33	0.24	0.12	0.01	0.04	1.5	2204	0.03	0.04	16	0	2	8	9	3	30	1
580	50	82	529	714199	0.01	4.41	0.70	0.30	0.01	0.08	2.9	3082	0.04	0.09	82	0	2	20	22	10	99	1
581	50	82	529	714200	0.01	0.92	0.33	0.20	0.01	0.03	1.6	143	0.08	0.05	11	0	2	13	16	6	21	1
582	50	82	529	714201	0.01	0.97	0.16	0.11	0.01	0.02	1.5	84	0.05	0.06	9	0	2	10	12	5	15	1
583	50	82	529	714202	0.01	0.93	0.21	0.14	0.01	0.01	0.8	83	0.07	0.03	8	0	2	10	15	2	14	1
584	50	82	529	714203	0.01	1.65	0.14	0.13	0.01	0.02	1.5	70	0.07	0.06	9	0	2	11	13	5	14	1
585	50	82	529	714204	0.01	0.76	0.13	0.07	0.01	0.01	0.8	55	0.08	0.02	9	0	2	8	16	3	15	1
586	50	82	529	714205	0.01	0.96	0.19	0.16	0.01	0.02	1.1	88	0.09	0.02	8	0	2	9	17	5	14	1
587	50	82	529	714206	0.01	0.90	0.20	0.17	0.01	0.02	1.2	92	0.09	0.04	9	0	2	9	18	5	16	1
588	50	82	529	714207	0.01	0.63	0.25	0.16	0.01	0.02	0.8	81	0.08	0.03	9	0	2	7	16	5	15	1
589	50	82	529	714208	0.01	1.56	0.16	0.16	0.01	0.02	1.9	96	0.08	0.08	9	0	2	15	14	7	15	1
590	50	82	529	714209	0.01	2.08	2.15	0.53	0.05	0.08	2.5	1075	0.02	0.14	17	0	3	8	11	2	12	1
591	50	82	529	714211	0.01	0.63	0.34	0.19	0.01	0.02	1.0	115	0.09	0.05	10	0	2	10	17	6	17	1
592	50	82	529	714212	0.01	0.71	0.25	0.17	0.01	0.02	1.0	98	0.09	0.01	9	0	2	9	18	6	15	1
593	50	82	529	714213	0.01	1.17	0.33	0.24	0.01	0.03	1.4	270	0.07	0.04	10	0	2	12	13	5	18	1
594	50	82	529	714214	0.01	1.03	0.28	0.19	0.01	0.02	1.2	147	0.09	0.02	9	0	2	10	17	5	15	1

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
595	50	82	529	714215	0.01	1.71	0.74	0.29	0.02	0.05	1.9	212	0.07	0.05	19	0	2	16	17	7	25	1
596	50	82	529	714216	0.01	1.51	0.18	0.18	0.01	0.02	2.5	129	0.08	0.06	9	0	2	17	16	8	13	1
597	50	82	529	714217	0.01	1.44	0.38	0.28	0.02	0.02	2.0	360	0.08	0.04	9	0	2	16	16	5	15	1
598	50	82	529	714218	0.01	4.27	0.64	0.54	0.02	0.09	3.5	1305	0.04	0.08	25	0	2	31	15	5	50	1
599	50	82	529	714219	0.01	1.46	0.18	0.15	0.01	0.01	2.2	89	0.09	0.07	7	0	2	16	16	6	9	1
600	50	82	529	714220	0.01	0.88	0.17	0.11	0.01	0.01	1.2	81	0.09	0.02	7	0	2	10	14	4	9	1
601	50	82	529	714221	0.01	0.94	0.18	0.11	0.01	0.01	1.4	91	0.09	0.03	7	0	2	11	16	5	10	1
602	50	82	529	714222	0.01	0.97	0.14	0.12	0.01	0.01	2.0	126	0.08	0.08	7	0	2	15	14	4	8	1
603	50	82	529	714223	0.01	2.36	1.14	0.31	0.02	0.11	1.8	1288	0.01	0.07	40	0	2	17	9	4	63	1
604	50	82	529	714224	0.01	2.01	0.08	1.08	0.01	0.14	3.9	433	0.01	0.06	13	0	3	61	6	2	19	1
605	50	82	529	714225	0.01	1.62	0.17	0.39	0.01	0.08	3.8	742	0.01	0.04	7	0	3	23	4	3	9	1
606	50	82	529	715001	0.01	1.23	0.25	0.22	0.01	0.03	2.5	402	0.08	0.10	6	0	2	19	11	5	8	1
607	50	82	529	715002	0.01	1.39	0.16	0.52	0.01	0.03	3.0	220	0.10	0.02	7	0	2	19	13	5	7	1
608	50	82	529	715003	0.01	2.79	0.12	1.00	0.01	0.04	7.0	450	0.01	0.04	15	0	2	26	3	3	15	1
609	50	82	529	715004	0.01	2.54	0.13	0.79	0.01	0.07	8.6	757	0.01	0.09	8	0	2	8	2	3	7	1
610	50	82	529	715005	0.01	3.12	0.53	0.96	0.01	0.09	12.9	2493	0.01	0.09	9	0	2	25	2	5	12	1
611	50	82	529	715006	0.01	1.92	0.03	0.46	0.01	0.04	6.9	1808	0.01	0.11	7	0	2	24	2	3	6	1
612	50	82	529	715007	0.01	1.60	0.16	0.38	0.01	0.03	2.1	247	0.05	0.06	6	0	2	20	7	5	8	1
613	50	82	529	715008	0.01	1.68	0.26	0.39	0.01	0.05	2.7	208	0.03	0.07	8	0	2	19	4	3	9	1
614	50	82	529	715009	0.01	2.12	0.13	0.56	0.01	0.04	4.7	302	0.03	0.07	7	0	2	32	6	4	6	1
615	50	82	529	715010	0.01	2.05	0.71	0.76	0.01	0.04	6.3	1314	0.01	0.02	12	0	2	44	5	7	31	1
616	50	82	529	715011	0.01	1.84	0.16	0.41	0.01	0.04	8.7	258	0.01	0.09	7	0	2	33	2	3	4	1
617	50	82	529	715012	0.01	2.37	0.04	0.60	0.01	0.06	8.9	948	0.01	0.10	7	0	2	19	2	4	6	1
618	50	82	529	715013	0.01	2.24	0.86	0.72	0.01	0.06	9.1	2082	0.01	0.09	10	0	2	24	4	5	27	1
619	50	82	529	715014	0.01	1.23	0.16	0.32	0.01	0.06	2.4	193	0.06	0.05	7	0	2	20	7	4	8	1
620	50	82	529	715015	0.01	1.10	0.11	0.21	0.01	0.03	2.5	370	0.06	0.08	6	0	2	18	11	4	6	1
621	50	82	529	715016	0.01	1.49	0.13	0.31	0.01	0.03	2.5	163	0.06	0.09	6	0	2	19	7	4	7	1
622	50	82	529	715017	0.01	1.98	0.15	0.30	0.01	0.06	12.5	3237	0.01	0.17	19	0	2	22	2	5	27	1
623	50	82	529	715018	0.01	1.89	0.17	0.33	0.01	0.03	2.6	805	0.07	0.12	8	0	2	21	12	5	10	1
624	50	82	529	715019	0.01	2.58	0.86	0.42	0.01	0.07	3.6	1039	0.04	0.03	17	0	2	25	9	7	34	1
625	50	82	529	715020	0.01	2.06	0.08	0.43	0.01	0.08	8.0	476	0.02	0.14	6	0	2	49	5	4	5	1
626	50	82	529	715021	0.01	1.59	0.30	0.36	0.01	0.03	2.5	218	0.13	0.04	10	0	2	17	19	12	16	1
627	50	82	529	715054	0.03	2.23	0.30	0.45	0.01	0.07	3.9	684	0.08	0.09	4	0	2	17	31	7	39	1
628	50	82	529	715055	0.01	1.56	0.16	0.21	0.01	0.06	2.5	783	0.08	0.13	4	0	2	16	32	7	39	1
629	50	82	529	715056	0.02	1.63	0.22	0.28	0.01	0.06	2.4	224	0.08	0.08	4	0	2	15	34	9	39	1
630	50	82	529	715057	0.01	1.35	0.19	0.24	0.01	0.06	2.1	176	0.06	0.12	4	0	2	14	32	8	39	1
631	50	82	529	715058	0.01	1.26	0.30	0.24	0.01	0.05	2.0	239	0.09	0.08	7	0	2	14	35	8	44	1
632	50	82	529	715059	0.01	1.48	0.15	0.41	0.01	0.06	2.6	402	0.04	0.05	5	0	2	19	28	6	41	1
633	50	82	529	715060	0.03	1.71	0.15	0.27	0.01	0.06	2.3	295	0.07	0.11	4	0	2	17	32	9	39	1
634	50	82	529	715061	0.02	1.54	0.14	0.25	0.01	0.05	2.3	311	0.06	0.12	4	0	2	14	32	8	40	1
635	50	82	529	715062	0.01	2.19	0.26	0.42	0.01	0.08	3.4	433	0.01	0.33	7	0	2	26	24	6	46	1
636	50	82	529	715063	0.03	2.09	0.14	0.42	0.01	0.06	2.6	2390	0.05	0.09	50	0	20	220	300	70	430	10
637	50	82	529	715064	0.01	1.38	0.21	0.30	0.01	0.06	2.1	160	0.04	0.03	4	0	2	16	29	5	40	1
638	50	82	529	715065	0.02	2.41	0.15	0.53	0.01	0.06	2.8	307	0.03	0.11	5	0	2	26	27	6	41	1
639	50	82	529	715066	0.04	3.27	0.22	0.50	0.01	0.06	4.2	409	0.09	0.11	4	0	2	19	36	10	39	1
640	50	82	529	715067	0.02	1.89	0.15	0.24	0.01	0.05	3.0	215	0.08	0.14	4	0	2	19	32	8	39	1
641	50	82	529	715068	0.01	1.40	0.17	0.21	0.01	0.06	2.1	248	0.07	0.15	4	0	2	15	32	8	40	1
642	50	82	529	715069	0.02	2.32	0.18	0.31	0.01	0.06	2.8	193	0.07	0.09	4	0	2	16	31	7	38	1
643	50	82	529	715070	0.01	2.14	0.37	0.39	0.01	0.07	3.0	483	0.08	0.07	11	0	2	19	33	10	50	1
644	50	82	529	715071	0.01	1.88	0.28	0.38	0.01	0.07	2.7	384	0.05	0.04	7	0	2	19	28	6	43	1
645	50	82	529	715072	0.01	1.38	0.14	0.25	0.01	0.06	2.3	165	0.04	0.11	6	0	2	16	29	5	41	1
646	50	82	529	715073	0.01	1.73	0.59	0.35	0.01	0.06	2.9	183	0.03	0.05	6	0	2	19	27	5	42	1
647	50	82	529	715074	0.01	1.41	0.59	0.37	0.01	0.06	2.4	281	0.09	0.03	7	0	2	19	35	9	44	1
648	50	82	529	715075	0.02	1.83	0.17	0.34	0.01	0.06	2.7	194	0.04	0.05	6	0	2	20	29	6	41	1

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
649	50	82	529	715076	0.01	1.53	0.25	0.31	0.01	0.06	2.6	199	0.07	0.03	7	0	2	18	31	7	43	1
650	50	82	529	715077	0.01	1.45	0.57	0.33	0.01	0.06	2.3	371	0.11	0.04	6	0	2	20	39	9	43	1
651	50	82	529	715078	0.01	2.00	1.30	0.53	0.02	0.08	3.1	941	0.06	0.08	30	0	2	33	34	11	55	1
652	50	82	529	715079	0.01	1.40	0.68	0.41	0.02	0.06	2.2	292	0.09	0.05	15	0	2	26	36	13	56	1
653	50	82	529	715080	0.01	1.37	0.36	0.28	0.01	0.05	1.8	196	0.09	0.03	6	0	2	15	34	7	41	1
654	50	82	529	715081	0.01	2.36	0.55	0.42	0.01	0.07	3.2	231	0.05	0.05	11	0	2	25	30	7	50	1
655	50	82	529	715082	0.01	1.88	0.16	0.36	0.01	0.06	30.0	2010	0.07	0.08	60	0	20	190	320	70	410	10
656	50	82	529	715083	0.01	1.38	0.59	0.46	0.02	0.08	2.6	4060	0.10	0.07	110	0	20	230	350	90	520	10
657	50	82	529	715084	0.01	1.38	0.74	0.39	0.02	0.07	20.0	2650	0.06	0.08	120	0	20	180	310	70	490	10
658	50	82	529	715085	0.01	1.32	0.26	0.23	0.01	0.07	3.0	748	0.04	0.05	6	0	2	19	27	5	40	1
659	50	82	529	715086	0.01	1.33	0.31	0.16	0.01	0.07	3.1	248	0.06	0.13	6	0	2	19	31	6	39	1
660	50	82	529	715087	0.01	1.91	0.24	0.29	0.01	0.06	4.0	305	0.02	0.05	6	0	2	22	23	5	41	1
661	50	82	529	715088	0.01	1.76	0.21	0.35	0.01	0.07	2.7	350	0.06	0.11	7	0	2	19	31	8	41	1
662	50	82	529	715089	0.01	1.51	0.22	0.24	0.01	0.08	3.6	578	0.01	0.05	12	0	2	14	24	4	48	1
663	50	82	529	715090	0.01	2.20	0.30	1.02	0.01	0.12	5.1	1336	0.02	0.11	8	0	2	39	25	6	45	1
664	50	82	529	715091	0.01	2.42	0.28	0.58	0.01	0.08	6.3	802	0.06	0.11	7	0	2	33	32	9	46	1
665	50	82	529	715092	0.01	1.59	0.34	0.24	0.01	0.08	2.7	262	0.03	0.03	9	0	2	18	26	5	45	1
666	50	82	529	715093	0.01	2.40	0.25	0.46	0.01	0.07	3.0	243	0.09	0.07	6	0	2	26	33	9	41	1
667	50	82	529	715094	0.01	1.61	0.22	0.31	0.01	0.07	2.3	227	0.06	0.07	7	0	2	21	32	6	43	1
668	50	82	529	715095	0.01	2.40	0.37	0.67	0.01	0.08	8.1	1070	0.03	0.26	13	0	2	36	25	6	60	1
669	50	82	529	715096	0.02	1.89	0.19	0.14	0.01	0.09	14.0	6099	0.01	0.11	17	0	2	3	7	8	69	1
670	50	82	529	715097	0.01	2.39	0.43	0.54	0.01	0.08	2.8	667	0.08	0.06	6	0	2	35	33	6	39	1
671	50	82	529	715098	0.01	2.38	0.28	0.28	0.01	0.07	3.1	168	0.09	0.14	5	0	2	19	34	9	40	1
672	50	82	529	718001	0.01	2.52	1.22	0.93	0.09	0.13	3.5	771	0.09	0.09	10	0	2	62	34	6	47	1
673	50	82	529	718002	0.02	1.53	0.17	0.22	0.01	0.07	1.9	177	0.05	0.10	5	0	2	17	30	7	40	1
674	50	82	529	718003	0.01	2.19	0.15	0.38	0.01	0.06	3.3	242	0.06	0.06	5	0	2	29	31	6	40	1
675	50	82	529	718004	0.01	2.52	0.28	0.71	0.02	0.11	4.2	968	0.05	0.10	8	0	2	30	30	6	46	1
676	50	82	529	718005	0.01	1.54	0.48	0.42	0.01	0.08	2.5	343	0.07	0.04	6	0	2	21	33	6	43	1
677	50	82	529	718006	0.01	1.46	0.26	0.30	0.01	0.07	2.1	253	0.05	0.02	5	0	2	19	30	6	41	1
678	50	82	529	718007	0.01	1.67	0.15	0.31	0.01	0.06	2.5	178	0.04	0.11	5	0	2	20	30	6	40	1
679	50	82	529	718008	0.01	1.76	0.20	0.34	0.01	0.06	2.4	219	0.09	0.03	5	0	2	21	35	9	39	1
680	50	82	529	718009	0.01	1.91	0.23	0.27	0.01	0.07	2.6	161	0.08	0.09	7	0	2	16	33	9	42	1
681	50	82	529	718010	0.01	2.53	0.37	0.30	0.01	0.08	2.5	182	0.06	0.08	7	0	2	16	30	8	42	1
682	50	82	529	718011	0.01	0.90	0.24	0.13	0.01	0.10	1.7	111	0.02	0.03	10	0	2	16	25	4	47	1
683	50	82	529	718012	0.01	1.62	0.61	0.34	0.02	0.06	2.6	710	0.13	0.02	11	0	2	21	39	15	52	1
684	50	82	529	718013	0.01	1.36	0.28	0.30	0.01	0.07	2.4	172	0.07	0.06	7	0	2	16	33	7	43	1
685	50	82	529	718014	0.01	1.37	0.20	0.30	0.01	0.07	2.1	161	0.06	0.03	8	0	2	19	31	7	44	1
686	50	82	529	718015	0.01	1.69	0.30	0.26	0.01	0.07	2.3	166	0.09	0.08	5	0	2	17	35	8	40	1
687	50	82	529	718016	0.01	1.18	0.20	0.20	0.01	0.06	2.1	352	0.08	0.08	6	0	2	16	33	7	41	1
688	50	82	529	718017	0.04	2.37	0.21	0.23	0.01	0.06	2.7	176	0.09	0.06	7	0	2	18	36	10	42	1
689	50	82	529	718018	0.01	2.25	0.14	0.27	0.01	0.07	2.4	214	0.04	0.05	8	0	2	20	29	9	43	1
690	50	82	529	718019	0.02	2.33	0.24	0.20	0.01	0.06	2.8	127	0.06	0.12	11	0	2	20	31	8	49	1
691	50	82	529	718020	0.01	1.71	0.36	0.26	0.01	0.07	2.5	298	0.08	0.03	10	0	2	17	34	8	48	1
692	50	82	529	718021	0.01	1.93	0.16	0.14	0.01	0.07	2.2	622	0.02	0.07	10	0	2	11	27	5	47	1
693	50	82	529	718022	0.01	1.98	0.18	0.23	0.01	0.06	2.6	376	0.04	0.09	9	0	2	17	29	6	44	1
694	50	82	529	718023	0.01	2.19	0.20	0.25	0.01	0.09	2.5	222	0.02	0.08	10	0	2	15	27	6	46	1
695	50	82	529	718024	0.06	2.56	0.14	0.40	0.01	0.07	2.9	267	0.04	0.16	6	0	2	24	29	7	40	1
696	50	82	529	718025	0.01	1.92	0.22	0.36	0.01	0.06	2.7	219	0.09	0.03	5	0	2	26	35	8	40	1
697	50	82	529	718026	0.01	1.63	0.18	0.26	0.01	0.06	2.9	162	0.09	0.08	4	0	4	15	35	7	38	1
698	50	82	529	718027	0.01	1.27	0.48	0.33	0.02	0.06	1.9	222	0.09	0.02	7	0	2	16	36	10	41	1
699	50	82	529	718028	0.03	2.36	0.26	0.34	0.01	0.06	2.7	192	0.08	0.08	5	0	2	16	35	9	40	1
700	50	82	529	718029	0.01	1.56	0.26	0.20	0.01	0.08	2.7	394	0.06	0.11	6	0	2	15	31	7	41	1
701	50	82	529	718030	0.01	0.91	0.40	0.26	0.01	0.06	1.5	199	0.08	0.05	9	0	2	12	33	7	44	1
702	50	82	529	718031	0.01	1.27	0.47	0.33	0.01	0.07	2.1	365	0.09	0.03	9	0	2	17	35	8	48	1

RECD	TY	YE	PRJ	ID	SI02%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
703	50	82	529	718032	0.01	1.17	0.50	0.24	0.01	0.07	2.0	217	0.09	0.08	8	0	2	16	35	8	44	1
704	50	82	529	718033	0.01	1.27	0.27	0.16	0.01	0.07	2.0	467	0.04	0.13	8	0	2	13	29	5	46	1
705	50	82	529	718034	0.01	0.54	0.19	0.06	0.01	0.08	1.0	215	0.05	0.06	8	0	2	7	30	4	45	1
706	50	82	529	718035	0.01	2.24	0.61	0.32	0.01	0.09	2.3	1435	0.05	0.04	16	0	2	14	27	8	48	1
707	50	82	529	718036	0.01	0.94	0.14	0.18	0.01	0.06	1.9	125	0.05	0.03	7	0	2	14	24	5	36	1
708	50	82	529	718037	0.01	0.71	0.22	0.10	0.01	0.09	1.3	460	0.02	0.04	9	0	2	8	23	3	40	1
709	50	82	529	718038	0.01	1.55	0.29	0.26	0.01	0.07	2.5	195	0.05	0.11	7	0	3	13	25	6	38	1
710	50	82	529	718039	0.01	3.42	1.20	0.46	0.01	0.10	3.4	2858	0.02	0.10	22	0	2	21	23	7	56	1
711	50	82	529	718040	0.01	1.52	0.24	0.37	0.01	0.06	2.6	354	0.09	0.08	5	0	2	18	31	8	35	1
712	50	82	529	718041	0.01	1.84	0.31	0.36	0.01	0.05	2.5	213	0.08	0.05	4	0	2	13	29	6	32	1
713	50	82	529	718042	0.03	1.83	0.16	0.26	0.01	0.05	2.2	297	0.07	0.14	4	0	2	14	27	8	34	1
714	50	82	529	718043	0.01	1.38	0.19	0.36	0.01	0.05	2.0	200	0.06	0.07	5	0	2	11	28	10	35	1
715	50	82	529	718044	0.01	1.89	0.20	0.15	0.01	0.07	1.8	236	0.01	0.07	7	0	2	10	21	4	35	1
716	50	82	529	718045	0.01	2.14	0.89	0.37	0.01	0.09	2.9	558	0.04	0.06	26	0	2	19	25	7	50	1
717	50	82	529	718046	0.01	2.83	1.26	0.41	0.02	0.08	3.1	1154	0.06	0.04	32	0	2	19	30	10	55	1
718	50	82	529	718047	0.01	1.66	0.56	0.33	0.02	0.11	2.5	1006	0.03	0.04	14	0	2	16	25	5	47	1
719	50	82	529	718048	0.01	1.30	0.35	0.29	0.01	0.07	2.2	301	0.10	0.07	8	0	3	14	33	9	39	1
720	50	82	529	718049	0.01	1.30	0.29	0.17	0.01	0.07	2.0	228	0.07	0.09	6	0	3	16	29	7	36	1
721	50	82	529	718050	0.01	1.49	0.26	0.27	0.01	0.08	2.2	161	0.06	0.05	7	0	2	15	28	6	37	1
722	50	82	529	718051	0.01	1.50	0.17	0.31	0.01	0.06	2.1	163	0.05	0.07	6	0	2	15	26	6	35	1
723	50	82	529	718052	0.01	1.61	0.13	0.16	0.01	0.06	2.0	171	0.02	0.12	7	0	2	12	22	5	36	1
724	50	82	529	718053	0.01	2.00	0.17	0.28	0.01	0.06	2.4	138	0.07	0.08	5	0	2	16	28	7	33	1
725	50	82	529	718054	0.01	1.38	0.18	0.32	0.01	0.05	2.2	200	0.08	0.06	6	0	2	16	29	9	35	1
726	50	82	529	718055	0.02	1.64	0.16	0.25	0.01	0.05	2.2	361	0.08	0.11	5	0	2	16	30	9	37	1
727	50	82	529	718056	0.01	1.43	0.15	0.18	0.01	0.05	2.2	141	0.06	0.10	4	0	2	12	27	6	33	1
728	50	82	529	718057	0.01	1.88	0.18	0.24	0.01	0.05	2.4	149	0.09	0.07	5	0	2	16	33	10	37	1
729	50	82	529	718058	0.01	1.12	0.36	0.31	0.01	0.06	2.2	389	0.08	0.07	7	0	2	15	30	8	41	1

* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT.

T=0.363 DR=0 \$1.83, \$12.95T

APPENDIX 3
Summary Statistics for the Soil Survey
on the RANGE Claims

ARITHMETIC SUMMARY STATISTICS
 SOIL SURVEY ON THE RANGE CLAIMS
 BP MINERALS LIMITED AND SMDC JOINT VENTURE, PROJECT 534, NTS 93F/3
 CAPOOSE LAKE PROJECT, CENTRAL B.C., AUGUST 19, 1982

ELEMENTS	Al%	Ca%	Mg%	Na%	K%	Ti%	P%	La	B	Cr	Nb
NO OF SAMPLES	704	704	704	704	704	704	704	703	37	701	693
DETECTION LIMIT	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2.00	3.00	3.00	3.00
MINIMUM VALUE	0.44	0.03	0.03	0.01	0.01	0.01	0.01	3.00	4.00	5.00	4.00
MAXIMUM VALUE	6.88	5.72	1.80	0.10	0.75	0.15	0.38	82.00	26.00	111.00	39.00
RANGE	6.44	5.69	1.77	0.09	0.74	0.14	0.37	79.00	22.00	106.00	35.00
MEDIAN	1.62	0.25	0.31	0.01	0.05	0.07	0.06	8.00	4.00	18.00	17.00
MODE	1.51	0.16	0.26	0.01	0.06	0.07	0.03	7.00	4.00	16.00	15.00
MEAN	1.75	0.38	0.34	0.01	0.06	0.06	0.07	8.97	5.35	19.69	18.37
ST DEVIATION	0.71	0.52	0.18	0.01	0.04	0.03	0.05	5.93	3.90	9.49	7.92
MEAN + 2SD	3.18	1.43	0.71	0.03	0.14	0.13	0.16	20.84	13.16	38.68	34.21
COEFF VARIATION	0.41	1.36	0.54	0.69	0.67	0.48	0.67	0.66	0.73	0.48	0.43
SKEWNESS	1.93	6.51	2.27	6.24	8.42	0.03	2.28	5.26	4.37	3.71	0.59
KURTOSIS	7.97	54.85	9.90	49.58	129.78	-0.72	9.08	44.05	19.74	23.52	-0.47
2.5 PERCENTILE	0.81	0.09	0.11	0.01	0.02	0.01	0.02	4.00	4.00	9.00	7.00
5.0 PERCENTILE	0.90	0.11	0.14	0.01	0.03	0.01	0.02	4.00	4.00	10.00	8.00
16.5 PERCENTILE	1.16	0.15	0.19	0.01	0.03	0.03	0.03	6.00	4.00	14.00	11.00
50.0 PERCENTILE	1.62	0.25	0.31	0.01	0.05	0.07	0.06	8.00	4.00	18.00	17.00
82.2 PERCENTILE	2.31	0.52	0.46	0.02	0.08	0.09	0.10	11.00	5.00	24.00	27.00
90.0 PERCENTILE	2.60	0.75	0.55	0.02	0.09	0.10	0.12	14.00	6.00	28.00	31.00
95.0 PERCENTILE	2.93	1.02	0.67	0.02	0.11	0.11	0.15	17.00	11.00	35.00	34.00
97.5 PERCENTILE	3.28	1.26	0.83	0.03	0.13	0.12	0.17	22.00	12.00	42.00	35.00
99.0 PERCENTILE	4.01	2.38	1.02	0.05	0.17	0.13	0.22	34.00	26.00	57.00	36.00

ELEMENTS	Zr	Ce
NO OF SAMPLES	578	704
DETECTION LIMIT	3.00	3.00
MINIMUM VALUE	4.00	4.00
MAXIMUM VALUE	33.00	117.00
RANGE	29.00	113.00
MEDIAN	6.00	16.00
MODE	5.00	15.00
MEAN	6.33	20.61
ST DEVIATION	2.52	13.34
MEAN + 2SD	11.37	47.28
COEFF VARIATION	0.40	0.65
SKEWNESS	3.65	1.69
KURTOSIS	26.56	5.09
2.5 PERCENTILE	4.00	6.00
5.0 PERCENTILE	4.00	7.00
16.5 PERCENTILE	4.00	10.00
50.0 PERCENTILE	6.00	16.00
82.2 PERCENTILE	8.00	35.00
90.0 PERCENTILE	9.00	41.00
95.0 PERCENTILE	10.00	46.00
97.5 PERCENTILE	12.00	50.00
99.0 PERCENTILE	15.00	56.00

LOGARITHMIC SUMMARY STATISTICS

SOIL SURVEY ON THE RANGE CLAIMS
 BP MINERALS LIMITED AND SMDC JOINT VENTURE, PROJECT 534, NTS 93F/3
 CAPOOSE LAKE PROJECT, CENTRAL B.C., AUGUST 19, 1982

ELEMENTS	Al%	Ca%	Mg%	Na%	K%	Ti%	P%	La	B	Cr	Nb
NO OF SAMPLES	704	704	704	704	704	704	704	703	37	701	693
DETECTION LIMIT	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2.00	3.00	3.00	3.00
MINIMUM VALUE	0.44	0.03	0.03	0.01	0.01	0.01	0.01	3.00	4.00	5.00	4.00
MAXIMUM VALUE	6.88	5.72	1.80	0.10	0.75	0.15	0.38	82.00	26.00	111.00	39.00
RANGE	6.44	5.69	1.77	0.09	0.74	0.14	0.37	79.00	22.00	106.00	35.00
MEDIAN	1.62	0.25	0.31	0.01	0.05	0.07	0.06	8.00	4.00	18.00	17.00
MODE	1.51	0.16	0.26	0.01	0.06	0.07	0.03	7.00	4.00	16.00	15.00
MEAN	1.63	0.28	0.31	0.01	0.05	0.05	0.06	8.02	4.80	18.20	16.66
LOG ST DEV	0.16	0.31	0.22	0.16	0.21	0.28	0.27	0.19	0.17	0.16	0.20
MEAN + 2SD	3.46	1.15	0.83	0.02	0.14	0.20	0.19	18.85	10.37	38.75	41.34
COEFF VARIATION	0.77	-0.56	-0.42	-0.08	-0.16	-0.22	-0.21	0.21	0.25	0.13	0.16
SKWNESS	0.09	0.91	-0.31	2.75	0.10	-1.14	-0.09	1.23	2.98	0.60	-0.32
KURTOSIS	0.57	1.65	1.73	9.11	1.97	0.70	0.12	3.09	9.13	2.34	-0.25
2.5 PERCENTILE	0.81	0.09	0.11	0.01	0.02	0.01	0.02	4.00	4.00	9.00	7.00
5.0 PERCENTILE	0.90	0.11	0.14	0.01	0.03	0.01	0.02	4.00	4.00	10.00	8.00
16.5 PERCENTILE	1.16	0.15	0.19	0.01	0.03	0.03	0.03	6.00	4.00	14.00	11.00
50.0 PERCENTILE	1.62	0.25	0.31	0.01	0.05	0.07	0.06	8.00	4.00	18.00	17.00
82.2 PERCENTILE	2.31	0.52	0.46	0.02	0.08	0.09	0.10	11.00	5.00	24.00	27.00
90.0 PERCENTILE	2.60	0.75	0.55	0.02	0.09	0.10	0.12	14.00	6.00	28.00	31.00
95.0 PERCENTILE	2.93	1.02	0.67	0.02	0.11	0.11	0.15	17.00	11.00	35.00	34.00
97.5 PERCENTILE	3.28	1.26	0.83	0.03	0.13	0.12	0.17	22.00	12.00	42.00	35.00
99.0 PERCENTILE	4.01	2.38	1.02	0.05	0.17	0.13	0.22	34.00	26.00	57.00	36.00

ELEMENTS	Zr	Ce
NO OF SAMPLES	578	704
DETECTION LIMIT	3.00	3.00
MINIMUM VALUE	4.00	4.00
MAXIMUM VALUE	33.00	117.00
RANGE	29.00	113.00
MEDIAN	6.00	16.00
MODE	5.00	15.00
MEAN	5.99	17.22
LOG ST DEV	0.14	0.26
MEAN + 2SD	11.28	56.28
COEFF VARIATION	0.18	0.21
SKWNESS	0.93	0.25
KURTOSIS	1.86	-0.59
2.5 PERCENTILE	4.00	6.00
5.0 PERCENTILE	4.00	7.00
16.5 PERCENTILE	4.00	10.00
50.0 PERCENTILE	6.00	16.00
82.2 PERCENTILE	8.00	35.00
90.0 PERCENTILE	9.00	41.00
95.0 PERCENTILE	10.00	46.00
97.5 PERCENTILE	12.00	50.00
99.0 PERCENTILE	15.00	56.00

LOGARITHMIC SUMMARY STATISTICS

SOIL SURVEY ON THE RANGE CLAIMS
 BP MINERALS LIMITED AND SMDC JOINT VENTURE, PROJECT 534, NTS 93F/3
 CAPOOSE LAKE PROJECT, CENTRAL B.C., AUGUST 19, 1982

ELEMENTS	Mo	Cu	Pb	Zn	Ni	U	Mn	Fe	Ag	Co	Au
NO OF SAMPLES	191	701	704	704	700	77	704	704	704	681	64
DETECTION LIMIT	1.00	2.00	2.00	2.00	2.00	2.00	10.00	0.10	0.10	2.00	5.00
MINIMUM VALUE	2.00	3.00	4.00	14.00	3.00	3.00	41.00	0.60	0.10	3.00	10.00
MAXIMUM VALUE	34.00	508.00	300.00	4251.00	159.00	30.00	6934.00	14.00	4.40	65.00	195.00
RANGE	32.00	505.00	296.00	4237.00	156.00	27.00	6893.00	13.40	4.30	62.00	185.00
MEDIAN	2.00	10.00	17.00	103.00	11.00	4.00	287.00	2.70	0.20	7.00	15.00
MODE	2.00	7.00	14.00	44.00	9.00	3.00	231.00	2.70	0.10	5.00	10.00
MEAN	3.02	11.53	17.82	118.30	12.32	4.54	342.89	2.69	0.22	6.96	17.85
LOG ST DEV	0.26	0.36	0.25	0.38	0.30	0.22	0.36	0.16	0.35	0.23	0.33
MEAN + 2SD	10.16	59.21	55.82	674.31	47.94	12.52	1828.00	5.74	1.15	20.16	82.37
COEFF VARIATION	0.55	0.33	0.20	0.18	0.27	0.34	0.14	0.38	-0.55	0.27	0.27
SKEWNESS	1.72	1.33	0.90	0.66	0.80	1.54	0.80	0.27	0.90	0.84	1.51
KURTOSIS	2.40	2.48	2.68	0.42	0.97	2.09	0.28	2.65	0.46	1.10	1.52
2.5 PERCENTILE	2.00	4.00	7.00	28.00	4.00	3.00	100.00	1.20	0.10	3.00	10.00
5.0 PERCENTILE	2.00	4.00	7.00	36.00	5.00	3.00	120.00	1.50	0.10	3.00	10.00
16.5 PERCENTILE	2.00	6.00	11.00	52.00	7.00	3.00	163.00	2.00	0.10	4.00	10.00
50.0 PERCENTILE	2.00	10.00	17.00	103.00	11.00	4.00	287.00	2.70	0.20	7.00	15.00
82.2 PERCENTILE	5.00	21.00	27.00	247.00	21.00	6.00	763.00	3.50	0.50	11.00	30.00
90.0 PERCENTILE	8.00	32.00	33.00	396.00	30.00	10.00	1173.00	4.10	0.70	14.00	65.00
95.0 PERCENTILE	11.00	54.00	48.00	670.00	44.00	12.00	1666.00	5.10	1.00	19.00	105.00
97.5 PERCENTILE	17.00	106.00	72.00	831.00	65.00	15.00	2560.00	6.20	1.80	23.00	110.00
99.0 PERCENTILE	20.00	175.00	120.00	1131.00	95.00	19.00	3237.00	8.70	2.30	31.00	165.00

ELEMENTS	As	Hg	Sb	W	Th	Cd	Bi	V	Ba	Sr	Si%
NO OF SAMPLES	655	191	58	10	15	111	157	704	704	704	704
DETECTION LIMIT	2.00	5.00	2.00	2.00	2.00	1.00	2.00	2.00	3.00	2.00	0.01
MINIMUM VALUE	3.00	10.00	3.00	0.0	0.0	2.00	3.00	12.00	23.00	4.00	0.01
MAXIMUM VALUE	440.00	200.00	12.00	0.0	0.0	21.00	126.00	166.00	1624.00	285.00	0.06
RANGE	437.00	190.00	9.00	0.0	0.0	19.00	123.00	154.00	1601.00	281.00	0.05
MEDIAN	19.00	30.00	3.00	0.0	0.0	2.00	3.00	54.00	81.00	15.00	0.01
MODE	7.00	20.00	3.00	0.0	0.0	2.00	3.00	54.00	79.00	12.00	0.01
MEAN	18.49	30.04	3.43	1.00	1.00	2.97	4.65	53.66	94.18	17.71	0.01
LOG ST DEV	0.44	0.25	0.13	0.0	0.0	0.24	0.30	0.14	0.27	0.30	0.10
MEAN + 2SD	137.28	93.43	6.14	1.00	1.00	8.76	18.41	100.95	324.49	71.64	0.02
COEFF VARIATION	0.34	0.17	0.24	0.0	0.0	0.50	0.45	0.08	0.14	0.24	-0.05
SKEWNESS	0.42	0.55	2.47	0.0	0.0	1.49	2.30	-0.52	1.31	0.94	4.12
KURTOSIS	0.24	1.12	5.99	0.0	0.0	1.86	5.91	2.69	1.90	1.06	17.46
2.5 PERCENTILE	3.00	10.00	3.00	0.0	0.0	2.00	3.00	27.00	42.00	6.00	0.01
5.0 PERCENTILE	4.00	10.00	3.00	0.0	0.0	2.00	3.00	32.00	45.00	7.00	0.01
16.5 PERCENTILE	7.00	20.00	3.00	0.0	0.0	2.00	3.00	42.00	56.00	10.00	0.01
50.0 PERCENTILE	19.00	30.00	3.00	0.0	0.0	2.00	3.00	54.00	81.00	15.00	0.01
82.2 PERCENTILE	42.00	50.00	4.00	0.0	0.0	5.00	7.00	68.00	144.00	31.00	0.01
90.0 PERCENTILE	60.00	60.00	5.00	0.0	0.0	6.00	11.00	77.00	228.00	48.00	0.01
95.0 PERCENTILE	107.00	80.00	7.00	0.0	0.0	8.00	21.00	85.00	361.00	64.00	0.02
97.5 PERCENTILE	180.00	110.00	8.00	0.0	0.0	12.00	31.00	96.00	439.00	96.00	0.02
99.0 PERCENTILE	289.00	170.00	8.00	0.0	0.0	17.00	41.00	110.00	687.00	137.00	0.03

ARITHMETIC SUMMARY STATISTICS
 SOIL SURVEY ON THE RANGE CLAIMS
 BP MINERALS LIMITED AND SMDC JOINT VENTURE, PROJECT 534, NTS 93F/3
 CAPOOSE LAKE PROJECT, CENTRAL B.C., AUGUST 19, 1982

FLMMENTS	Mo	Cu	Pb	Zn	Ni	U	Mn	Fe	Ag	Co	Au
NO OF SAMPLES	191	701	704	704	700	77	704	704	704	681	64
DETECTION LIMIT	1.00	2.00	2.00	2.00	2.00	2.00	10.00	0.10	0.10	2.00	5.00
MINIMUM VALUE	2.00	3.00	4.00	14.00	3.00	3.00	41.00	0.60	0.10	3.00	10.00
MAXIMUM VALUE	34.00	508.00	300.00	4251.00	159.00	30.00	6934.00	14.00	4.40	65.00	195.00
RANGE	32.00	505.00	296.00	4237.00	156.00	27.00	6893.00	13.40	4.30	62.00	185.00
MEDIAN	2.00	10.00	17.00	103.00	11.00	4.00	287.00	2.70	0.20	7.00	15.00
MODE	2.00	7.00	14.00	44.00	9.00	3.00	231.00	2.70	0.10	5.00	10.00
MEAN	3.90	19.04	21.88	186.09	16.28	5.35	523.26	2.90	0.34	8.22	26.72
ST DEVIATION	4.14	37.12	22.09	268.14	16.91	4.24	667.53	1.34	0.46	6.24	35.23
MEAN + 2SD	12.18	93.28	66.06	722.38	50.11	13.83	1858.32	5.59	1.26	20.70	97.19
COEFF VARIATION	1.06	1.95	1.01	1.44	1.04	0.79	1.28	0.46	1.35	0.76	1.32
SKEWNESS	3.73	7.47	6.51	6.79	3.91	3.44	4.02	3.35	4.41	4.01	3.17
KURTOSIS	17.50	73.40	59.84	80.50	19.96	14.60	23.55	18.48	25.17	24.69	10.31
2.5 PERCENTILE	2.00	4.00	7.00	28.00	4.00	3.00	100.00	1.20	0.10	3.00	10.00
5.0 PERCENTILE	2.00	4.00	7.00	36.00	5.00	3.00	120.00	1.50	0.10	3.00	10.00
16.5 PERCENTILE	2.00	6.00	11.00	52.00	7.00	3.00	163.00	2.00	0.10	4.00	10.00
50.0 PERCENTILE	2.00	10.00	17.00	103.00	11.00	4.00	287.00	2.70	0.20	7.00	15.00
82.2 PERCENTILE	5.00	21.00	27.00	247.00	21.00	6.00	763.00	3.50	0.50	11.00	30.00
90.0 PERCENTILE	8.00	32.00	33.00	396.00	30.00	10.00	1173.00	4.10	0.70	14.00	65.00
95.0 PERCENTILE	11.00	54.00	48.00	670.00	44.00	12.00	1666.00	5.10	1.00	19.00	105.00
97.5 PERCENTILE	17.00	106.00	72.00	831.00	65.00	15.00	2560.00	6.20	1.80	23.00	110.00
99.0 PERCENTILE	20.00	175.00	120.00	1131.00	95.00	19.00	3237.00	8.70	2.30	31.00	165.00

ELEMENTS	As	Hg	Sb	W	Th	Cd	Bi	V	Ba	Sr	Si%
NO OF SAMPLES	655	191	58	10	15	111	157	704	704	704	704
DETECTION LIMIT	2.00	5.00	2.00	2.00	2.00	1.00	2.00	2.00	3.00	2.00	0.01
MINIMUM VALUE	3.00	10.00	3.00	0.0	0.0	2.00	3.00	12.00	23.00	4.00	0.01
MAXIMUM VALUE	440.00	200.00	12.00	0.0	0.0	21.00	126.00	166.00	1624.00	285.00	0.06
RANGE	437.00	190.00	9.00	0.0	0.0	19.00	123.00	154.00	1601.00	281.00	0.05
MEDIAN	19.00	30.00	3.00	0.0	0.0	2.00	3.00	54.00	81.00	15.00	0.01
MODE	7.00	20.00	3.00	0.0	0.0	2.00	3.00	54.00	79.00	12.00	0.01
MEAN	32.87	36.02	3.62	0.0	0.0	3.59	7.08	56.29	121.17	24.03	0.01
ST DEVIATION	52.11	27.83	1.55	0.0	0.0	3.06	13.52	17.75	128.16	27.15	0.00
MEAN + 2SD	137.10	91.68	6.73	0.0	0.0	9.71	34.11	91.79	377.48	78.33	0.02
COEFF VARIATION	1.59	0.77	0.43	0.0	0.0	0.85	1.91	0.32	1.06	1.13	0.42
SKEWNESS	4.54	3.28	3.54	0.0	0.0	3.34	6.61	1.46	4.80	4.37	5.65
KURTOSIS	24.93	13.62	14.08	0.0	0.0	12.93	49.49	5.78	35.65	26.22	38.63
2.5 PERCENTILE	3.00	10.00	3.00	0.0	0.0	2.00	3.00	27.00	42.00	6.00	0.01
5.0 PERCENTILE	4.00	10.00	3.00	0.0	0.0	2.00	3.00	32.00	45.00	7.00	0.01
16.5 PERCENTILE	7.00	20.00	3.00	0.0	0.0	2.00	3.00	42.00	56.00	10.00	0.01
50.0 PERCENTILE	19.00	30.00	3.00	0.0	0.0	2.00	3.00	54.00	81.00	15.00	0.01
82.2 PERCENTILE	42.00	50.00	4.00	0.0	0.0	5.00	7.00	68.00	144.00	31.00	0.01
90.0 PERCENTILE	60.00	60.00	5.00	0.0	0.0	6.00	11.00	77.00	228.00	48.00	0.01
95.0 PERCENTILE	107.00	80.00	7.00	0.0	0.0	8.00	21.00	85.00	361.00	64.00	0.02
97.5 PERCENTILE	180.00	110.00	8.00	0.0	0.0	12.00	31.00	96.00	439.00	96.00	0.02
99.0 PERCENTILE	289.00	170.00	8.00	0.0	0.0	17.00	41.00	110.00	687.00	137.00	0.03

APPENDIX 4

Histograms for Trace Element Distributions
Histograms Selected on the Basis of Coefficient of
Variations Less Than 0.7 (Arithmetic) or
Greater Than 0.7 (Logarithmic)

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Zr
POPULATION DIVISIONS AT	9.50
PERCENTAGE OF TOTAL POPULATION	100.0
PPM AT 50.0% OF POPULATION	6.75
PPM AT 90.0% OF POPULATION	8.95
PPM AT 95.0% OF POPULATION	9.22
PPM AT 97.5% OF TOTAL POPULATION	9.00

ELEMENT	pH				
POPULATION DIVISIONS AT	4.20	4.56	4.92	5.40	5.64
PERCENTAGE OF TOTAL POPULATION	19.5	21.4	25.3	25.3	8.4
PPM AT 50.0% OF POPULATION	4.05	4.38	4.74	5.16	5.52
PPM AT 90.0% OF POPULATION	4.17	4.52	4.89	5.36	5.62
PPM AT 95.0% OF POPULATION	4.18	4.54	4.90	5.38	5.63
PPM AT 97.5% OF TOTAL POPULATION			5.60		

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	P%	
POPULATION DIVISIONS AT	0.06	0.14
PERCENTAGE OF TOTAL POPULATION	57.1	42.9
PPM AT 50.0% OF POPULATION	0.05	0.10
PPM AT 90.0% OF POPULATION	0.06	0.14
PPM AT 95.0% OF POPULATION	0.06	0.14
PPM AT 97.5% OF TOTAL POPULATION		0.13

ELEMENT	La	
POPULATION DIVISIONS AT	15.50	17.50
PERCENTAGE OF TOTAL POPULATION	96.8	3.2
PPM AT 50.0% OF POPULATION	10.75	16.50
PPM AT 90.0% OF POPULATION	14.55	17.30
PPM AT 95.0% OF POPULATION	15.02	17.40
PPM AT 97.5% OF TOTAL POPULATION		16.00

ELEMENT	Cr			
POPULATION DIVISIONS AT	18.07	21.74	27.25	32.76
PERCENTAGE OF TOTAL POPULATION	56.2	23.2	13.9	6.5
PPM AT 50.0% OF POPULATION	14.53	19.91	24.50	30.01
PPM AT 90.0% OF POPULATION	17.36	21.37	26.70	32.21
PPM AT 95.0% OF POPULATION	17.72	21.56	26.98	32.49
PPM AT 97.5% OF TOTAL POPULATION			31.00	

ELEMENT	Nb			
POPULATION DIVISIONS AT	13.87	18.89	23.90	32.26
PERCENTAGE OF TOTAL POPULATION	34.3	29.9	17.8	18.1
PPM AT 50.0% OF POPULATION	10.94	16.38	21.39	28.08
PPM AT 90.0% OF POPULATION	13.29	18.39	23.40	31.42
PPM AT 95.0% OF POPULATION	13.58	18.64	23.65	31.84
PPM AT 97.5% OF TOTAL POPULATION			32.00	

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	A1%			
POPULATION DIVISIONS AT	1.40	2.02	2.64	2.88
PERCENTAGE OF TOTAL POPULATION	36.6	39.2	19.8	4.4
PPM AT 50.0% OF POPULATION	1.15	1.71	2.33	2.76
PPM AT 90.0% OF POPULATION	1.35	1.96	2.57	2.86
PPM AT 95.0% OF POPULATION	1.37	1.99	2.61	2.87
PPM AT 97.5% OF TOTAL POPULATION			2.79	

ELEMENT	Mg%			
POPULATION DIVISIONS AT	0.65			
PERCENTAGE OF TOTAL POPULATION	100.0			
PPM AT 50.0% OF POPULATION	0.40			
PPM AT 90.0% OF POPULATION	0.60			
PPM AT 95.0% OF POPULATION	0.62			
PPM AT 97.5% OF TOTAL POPULATION			0.59	

ELEMENT	K%			
POPULATION DIVISIONS AT	0.05	0.10		
PERCENTAGE OF TOTAL POPULATION	41.7	58.3		
PPM AT 50.0% OF POPULATION	0.05	0.08		
PPM AT 90.0% OF POPULATION	0.05	0.10		
PPM AT 95.0% OF POPULATION	0.05	0.10		
PPM AT 97.5% OF TOTAL POPULATION			0.10	

ELEMENT	T1%			
POPULATION DIVISIONS AT	0.06	0.10		
PERCENTAGE OF TOTAL POPULATION	44.7	55.3		
PPM AT 50.0% OF POPULATION	0.05	0.08		
PPM AT 90.0% OF POPULATION	0.06	0.10		
PPM AT 95.0% OF POPULATION	0.06	0.10		
PPM AT 97.5% OF TOTAL POPULATION			0.10	

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Sb	
POPULATION DIVISIONS AT	6.50	12.50
PERCENTAGE OF TOTAL POPULATION	91.5	8.5
PPM AT 50.0% OF POPULATION	4.75	9.50
PPM AT 90.0% OF POPULATION	6.15	11.90
PPM AT 95.0% OF POPULATION	6.32	12.20
PPM AT 97.5% OF TOTAL POPULATION		8.00

ELEMENT	Cd	
POPULATION DIVISIONS AT	6.50	7.50
PERCENTAGE OF TOTAL POPULATION	91.1	8.9
PPM AT 50.0% OF POPULATION	4.75	7.00
PPM AT 90.0% OF POPULATION	6.15	7.40
PPM AT 95.0% OF POPULATION	6.32	7.45
PPM AT 97.5% OF TOTAL POPULATION		7.00

ELEMENT	V			
POPULATION DIVISIONS AT	50.83	59.53	79.83	82.73
PERCENTAGE OF TOTAL POPULATION	44.8	23.4	29.3	2.5
PPM AT 50.0% OF POPULATION	41.91	55.18	69.68	81.28
PPM AT 90.0% OF POPULATION	49.05	58.66	77.80	82.44
PPM AT 95.0% OF POPULATION	49.94	59.10	78.82	82.59
PPM AT 97.5% OF TOTAL POPULATION			81.00	

ELEMENT	S1%	
POPULATION DIVISIONS AT	0.06	
PERCENTAGE OF TOTAL POPULATION	100.0	
PPM AT 50.0% OF POPULATION	0.04	
PPM AT 90.0% OF POPULATION	0.06	
PPM AT 95.0% OF POPULATION	0.06	
PPM AT 97.5% OF TOTAL POPULATION		0.05

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Fe				
POPULATION DIVISIONS AT	2.19	2.69	3.20	4.21	4.72
PERCENTAGE OF TOTAL POPULATION	21.4	33.8	24.3	16.8	3.3
PPM AT 50.0% OF POPULATION	1.89	2.44	2.95	3.71	4.47
PPM AT 90.0% OF POPULATION	2.13	2.64	3.15	4.11	4.67
PPM AT 95.0% OF POPULATION	2.16	2.67	3.18	4.16	4.70
PPM AT 97.5% OF TOTAL POPULATION			4.40		

ELEMENT	Ag	
POPULATION DIVISIONS AT	1.20	1.45
PERCENTAGE OF TOTAL POPULATION	96.3	3.7
PPM AT 50.0% OF POPULATION	0.75	1.32
PPM AT 90.0% OF POPULATION	1.11	1.42
PPM AT 95.0% OF POPULATION	1.15	1.44
PPM AT 97.5% OF TOTAL POPULATION		1.20

ELEMENT	Co	
POPULATION DIVISIONS AT	12.50	18.50
PERCENTAGE OF TOTAL POPULATION	90.2	9.8
PPM AT 50.0% OF POPULATION	8.25	15.50
PPM AT 90.0% OF POPULATION	11.65	17.90
PPM AT 95.0% OF POPULATION	12.07	18.20
PPM AT 97.5% OF TOTAL POPULATION		16.00

ELEMENT	Hg			
POPULATION DIVISIONS AT	17.48	26.98	32.17	34.76
PERCENTAGE OF TOTAL POPULATION	14.7	46.5	33.3	5.4
PPM AT 50.0% OF POPULATION	13.74	22.23	29.58	33.47
PPM AT 90.0% OF POPULATION	16.73	26.03	31.65	34.50
PPM AT 95.0% OF POPULATION	17.10	26.51	31.91	34.63
PPM AT 97.5% OF TOTAL POPULATION			35.00	

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT Mo	
POPULATION DIVISIONS AT	8.50 10.50
PERCENTAGE OF TOTAL POPULATION	91.0 9.0
PPM AT 50.0% OF POPULATION	5.75 9.50
PPM AT 90.0% OF POPULATION	7.95 10.30
PPM AT 95.0% OF POPULATION	8.22 10.40
PPM AT 97.5% OF TOTAL POPULATION	9.00

ELEMENT Pb					
POPULATION DIVISIONS AT	12.40	18.02	21.77	34.88	44.25
PERCENTAGE OF TOTAL POPULATION	25.0	30.5	17.2	23.3	3.3
PPM AT 50.0% OF POPULATION	10.70	15.21	19.90	28.32	39.56
PPM AT 90.0% OF POPULATION	12.06	17.46	21.39	33.57	43.31
PPM AT 95.0% OF POPULATION	12.23	17.74	21.58	34.22	43.78
PPM AT 97.5% OF TOTAL POPULATION			37.00		

ELEMENT U	
POPULATION DIVISIONS AT	9.50 11.50
PERCENTAGE OF TOTAL POPULATION	90.9 9.1
PPM AT 50.0% OF POPULATION	6.75 10.50
PPM AT 90.0% OF POPULATION	8.95 11.30
PPM AT 95.0% OF POPULATION	9.22 11.40
PPM AT 97.5% OF TOTAL POPULATION	11.00

LOGARITHMIC VALUES
 INTERVAL(STDV/F) 0.024 NO. SAMPLES 655
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	B	%	C%
1.07		0.0	0.0
1.14		0.0	0.0
1.20		0.0	0.0
1.27		0.0	0.0
1.34		0.0	0.0
1.42		0.0	0.0
1.50		0.0	0.0
1.59		0.0	0.0
1.68		0.0	0.0
1.78		0.0	0.0
1.88		0.0	0.0
1.99		0.0	0.0
2.11	*****	94.0	94.0
2.23		0.0	94.0
2.36		0.0	94.0
2.49		0.0	94.0
2.64		0.0	94.0
2.79		0.0	94.0
2.95		0.0	94.0
3.12		0.0	94.0
3.30		0.0	94.0
3.49		0.0	94.0
3.69		0.0	94.0
3.90		0.0	94.0
4.13	***	4.0	98.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
 INTERVAL(STDV/F) 0.053 NO.SAMPLES 621
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Ce	%	C%
4.07			
4.60		0.0	0.0
5.20		0.0	0.0
5.87		0.0	0.0
6.64		0.0	0.0
7.50		0.0	0.0
8.48	****	4.3	4.3
9.59	****	5.0	9.3
10.84	*****	6.4	15.8
12.25	*****	9.8	25.6
13.85	*****	6.9	32.5
15.65	*****	13.8	46.4
17.69	*****	11.8	58.1
20.00	***	9.2	67.3
22.61	***	3.7	71.0
25.56	**	3.5	74.6
28.89	*****	2.7	77.3
32.65	****	5.2	82.4
36.91	*****	4.7	87.1
41.72	****	8.2	95.3
47.16		4.7	100.0
53.31		0.0	100.0
60.26		0.0	100.0
68.12		0.0	100.0
77.00		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Cu				
POPULATION DIVISIONS AT	5.69	8.81	13.63	21.08	50.46
PERCENTAGE OF TOTAL POPULATION	19.8	27.5	23.1	15.9	13.7
PPM AT 50.0% OF POPULATION	5.35	7.25	11.22	17.36	35.77
PPM AT 90.0% OF POPULATION	5.62	8.50	13.15	20.34	47.53
PPM AT 95.0% OF POPULATION	5.66	8.65	13.39	20.71	48.99
PPM AT 97.5% OF TOTAL POPULATION			43.00		

ELEMENT	Zn	
POPULATION DIVISIONS AT	288.23	666.61
PERCENTAGE OF TOTAL POPULATION	89.8	10.2
PPM AT 50.0% OF POPULATION	162.62	477.42
PPM AT 90.0% OF POPULATION	263.11	628.77
PPM AT 95.0% OF POPULATION	275.67	647.69
PPM AT 97.5% OF TOTAL POPULATION		487.00

ELEMENT	Ni			
POPULATION DIVISIONS AT	11.74	18.85	38.37	43.19
PERCENTAGE OF TOTAL POPULATION	55.0	26.3	17.7	1.0
PPM AT 50.0% OF POPULATION	8.87	15.30	28.61	40.78
PPM AT 90.0% OF POPULATION	11.17	18.14	36.41	42.71
PPM AT 95.0% OF POPULATION	11.45	18.50	37.39	42.95
PPM AT 97.5% OF TOTAL POPULATION			35.00	

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Mn				
POPULATION DIVISIONS AT	305.22	501.68	973.15	1599.53	
PERCENTAGE OF TOTAL POPULATION	56.7	18.7	17.0	7.6	
PPM AT 50.0% OF POPULATION	213.11	403.45	737.41	1286.34	
PPM AT 90.0% OF POPULATION	286.80	482.04	926.00	1536.89	
PPM AT 95.0% OF POPULATION	296.01	491.86	949.57	1568.21	
PPM AT 97.5% OF TOTAL POPULATION			1314.00		

ELEMENT	Au				
POPULATION DIVISIONS AT	21.54	27.90	60.70	89.53	
PERCENTAGE OF TOTAL POPULATION	59.4	15.6	15.6	9.4	
PPM AT 50.0% OF POPULATION	18.27	24.72	44.30	75.11	
PPM AT 90.0% OF POPULATION	20.88	27.27	57.42	86.64	
PPM AT 95.0% OF POPULATION	21.21	27.59	59.06	88.08	
PPM AT 97.5% OF TOTAL POPULATION			65.00		

ELEMENT	As				
POPULATION DIVISIONS AT	8.07	91.48	110.26		
PERCENTAGE OF TOTAL POPULATION	18.4	80.0	1.5		
PPM AT 50.0% OF POPULATION	6.54	49.78	100.87		
PPM AT 90.0% OF POPULATION	7.77	83.14	108.38		
PPM AT 95.0% OF POPULATION	7.92	87.31	109.32		
PPM AT 97.5% OF TOTAL POPULATION			84.00		

ELEMENT	B1				
POPULATION DIVISIONS AT	5.53	7.56	9.80	19.34	
PERCENTAGE OF TOTAL POPULATION	59.4	17.4	11.6	11.6	
PPM AT 50.0% OF POPULATION	4.77	6.55	8.68	14.57	
PPM AT 90.0% OF POPULATION	5.38	7.36	9.58	18.39	
PPM AT 95.0% OF POPULATION	5.45	7.46	9.69	18.87	
PPM AT 97.5% OF TOTAL POPULATION			18.00		

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	Ba		
POPULATION DIVISIONS AT	174.59	354.38	
PERCENTAGE OF TOTAL POPULATION	89.5	10.3	
PPM AT 50.0% OF POPULATION	110.79	264.48	
PPM AT 90.0% OF POPULATION	161.83	336.40	
PPM AT 95.0% OF POPULATION	168.21	345.39	
PPM AT 97.5% OF TOTAL POPULATION			315.00

ELEMENT	Sr			
POPULATION DIVISIONS AT	16.51	21.44	41.23	79.29
PERCENTAGE OF TOTAL POPULATION	56.6	16.0	19.7	7.7
PPM AT 50.0% OF POPULATION	12.25	18.97	31.34	60.26
PPM AT 90.0% OF POPULATION	15.66	20.95	39.25	75.48
PPM AT 95.0% OF POPULATION	16.08	21.19	40.24	77.39
PPM AT 97.5% OF TOTAL POPULATION			57.00	

ELEMENT	Ca%		
POPULATION DIVISIONS AT	0.17	0.50	0.98
PERCENTAGE OF TOTAL POPULATION	26.5	59.3	14.2
PPM AT 50.0% OF POPULATION	0.15	0.34	0.74
PPM AT 90.0% OF POPULATION	0.17	0.47	0.93
PPM AT 95.0% OF POPULATION	0.17	0.48	0.95
PPM AT 97.5% OF TOTAL POPULATION			0.89

ELEMENT	Na%		
POPULATION DIVISIONS AT	0.03	0.04	0.06
PERCENTAGE OF TOTAL POPULATION	83.6	10.4	1.5
PPM AT 50.0% OF POPULATION	0.02	0.04	0.05
PPM AT 90.0% OF POPULATION	0.03	0.04	0.06
PPM AT 95.0% OF POPULATION	0.03	0.04	0.06
PPM AT 97.5% OF TOTAL POPULATION			0.09

ARITHMETIC VALUES
 INTERVAL INCREMENT 0.120 NO. SAMPLES 154
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	pH	%	C%
3.30			
3.42		0.0	0.0
3.54		0.0	0.0
3.66		0.0	0.0
3.78		0.0	0.0
3.90		0.0	0.0
4.02	*****	9.7	9.7
4.14	*****	6.5	16.2
4.26	***	3.2	19.5
4.38	*****	7.1	26.6
4.50	*****	9.1	35.7
4.62	*****	5.2	40.9
4.74	*****	8.4	49.4
4.86	*****	9.1	58.4
4.98	*****	7.8	66.2
5.10	*****	9.1	75.3
5.22	****	4.5	79.9
5.34	*****	8.4	88.3
5.46	***	3.2	91.6
5.58	****	4.5	96.1
5.70	***	3.9	100.0
5.83		0.0	100.0
5.95		0.0	100.0
6.07		0.0	100.0
6.19		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 547
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Zr	%	C%
1.00		0.0	0.0
2.00		0.0	0.0
3.00		0.0	0.0
4.00		0.0	0.0
5.00	*****	20.8	20.8
6.00	*****	26.0	46.8
7.00	*****	20.5	67.3
8.00	*****	16.3	83.5
9.00	*****	10.1	93.6
10.00		6.4	100.0
11.00		0.0	100.0
12.00		0.0	100.0
13.00		0.0	100.0
14.00		0.0	100.0
15.00		0.0	100.0
16.00		0.0	100.0
17.00		0.0	100.0
18.00		0.0	100.0
19.00		0.0	100.0
20.00		0.0	100.0
21.00		0.0	100.0
22.00		0.0	100.0
23.00		0.0	100.0
24.00		0.0	100.0
25.00		0.0	100.0

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 568
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	La	%	C%
1.00			
2.00		0.0	0.0
3.00		0.0	0.0
4.00		0.0	0.0
5.00		0.0	0.0
6.00	*****	19.4	19.4
7.00	*****	23.1	42.4
8.00	*****	17.1	59.5
9.00	*****	12.3	71.8
10.00	*****	9.7	81.5
11.00	*****	5.1	86.6
12.00	***	3.2	89.8
13.00	**	3.0	92.8
14.00	**	2.3	95.1
15.00	*	1.8	96.8
16.00	*	1.9	98.8
17.00	*	1.2	100.0
18.00		0.0	100.0
19.00		0.0	100.0
20.00		0.0	100.0
21.00		0.0	100.0
22.00		0.0	100.0
23.00		0.0	100.0
24.00		0.0	100.0
25.00		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.671 NO. SAMPLES 636
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Nb	%	C%
1.34			
3.01		0.0	0.0
4.68		0.0	0.0
6.35		0.0	0.0
8.02	***	3.9	3.9
9.70	****	4.4	8.3
11.37	*****	9.7	18.1
13.04	*****	9.4	27.5
14.71	*****	6.8	34.3
16.38	*****	13.1	47.3
18.05	*****	12.4	59.7
19.72	****	4.4	64.2
21.39	*****	7.9	72.0
23.07	*****	7.2	79.2
24.74	**	2.7	81.9
26.41	***	3.1	85.1
28.08	****	4.4	89.5
29.75	*	1.6	91.0
31.42	****	4.7	95.8
33.09	****	4.2	100.0
34.76		0.0	100.0
36.44		0.0	100.0
38.11		0.0	100.0
39.78		0.0	100.0
41.45		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 0.010 NO. SAMPLES 555
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	T1%	%	C%
0.01			
0.02		0.0	0.0
0.03		0.0	0.0
0.04	*****	10.5	10.5
0.05	*****	10.6	21.1
0.06	*****	11.9	33.0
0.07	*****	11.7	44.7
0.08	*****	16.4	61.1
0.09	*****	15.7	76.8
0.10	*****	14.2	91.0
0.11		9.0	100.0
0.12		0.0	100.0
0.13		0.0	100.0
0.14		0.0	100.0
0.15		0.0	100.0
0.16		0.0	100.0
0.17		0.0	100.0
0.18		0.0	100.0
0.19		0.0	100.0
0.20		0.0	100.0
0.21		0.0	100.0
0.22		0.0	100.0
0.23		0.0	100.0
0.24		0.0	100.0
0.25		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 0.010 NO. SAMPLES 616
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	P%	%	C%
0.01		0.0	0.0
0.02		0.0	0.0
0.03	*****	15.9	15.9
0.04	*****	15.9	31.8
0.05	*****	13.8	45.6
0.06	*****	11.5	57.1
0.07	*****	11.7	68.8
0.08	*****	7.5	76.3
0.09	*****	6.3	82.6
0.10	*****	5.2	87.8
0.11	****	4.1	91.9
0.12	***	3.4	95.3
0.13	**	2.6	97.9
0.14	**	2.1	100.0
0.15		0.0	100.0
0.16		0.0	100.0
0.17		0.0	100.0
0.18		0.0	100.0
0.19		0.0	100.0
0.20		0.0	100.0
0.21		0.0	100.0
0.22		0.0	100.0
0.23		0.0	100.0
0.24		0.0	100.0
0.25		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 0.010 NO. SAMPLES 50
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	S1%	%	C%
0.01		0.0	0.0
0.02	*****	64.0	64.0
0.03	*****	24.0	88.0
0.04	*****	6.0	94.0
0.05	****	4.0	98.0
0.06	**	2.0	100.0
0.07		0.0	100.0
0.08		0.0	100.0
0.09		0.0	100.0
0.10		0.0	100.0
0.11		0.0	100.0
0.12		0.0	100.0
0.13		0.0	100.0
0.14		0.0	100.0
0.15		0.0	100.0
0.16		0.0	100.0
0.17		0.0	100.0
0.18		0.0	100.0
0.19		0.0	100.0
0.20		0.0	100.0
0.21		0.0	100.0
0.22		0.0	100.0
0.23		0.0	100.0
0.24		0.0	100.0
0.25		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 59
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Sb	%	C%
1.00		0.0	0.0
2.00		0.0	0.0
3.00	*****	74.6	74.6
4.00	*****	10.2	84.7
5.00	*****	6.8	91.5
6.00		0.0	91.5
7.00	*****	5.1	96.6
8.00	*	1.7	98.3
9.00		0.0	98.3
10.00		0.0	98.3
11.00		0.0	98.3
12.00	*	1.7	100.0
13.00		0.0	100.0
14.00		0.0	100.0
15.00		0.0	100.0
16.00		0.0	100.0
17.00		0.0	100.0
18.00		0.0	100.0
19.00		0.0	100.0
20.00		0.0	100.0
21.00		0.0	100.0
22.00		0.0	100.0
23.00		0.0	100.0
24.00		0.0	100.0
25.00		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.729 NO. SAMPLES 129
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Hg	%	C%
2.78			
4.51		0.0	0.0
6.24		0.0	0.0
7.97		0.0	0.0
9.70		0.0	0.0
11.43	*****	10.1	10.1
13.15		0.0	10.1
14.88		0.0	10.1
16.61	****	4.7	14.7
18.34		0.0	14.7
20.07	*****	34.1	48.8
21.80		0.0	48.8
23.53		0.0	48.8
25.26	*****	12.4	61.2
26.98		0.0	61.2
28.71		0.0	61.2
30.44	*****	33.3	94.6
32.17		0.0	94.6
33.90		0.0	94.6
35.63	*****	5.4	100.0
37.36		0.0	100.0
39.09		0.0	100.0
40.81		0.0	100.0
42.54		0.0	100.0
44.27		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 44
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	U	%	C%
1.00			
2.00		0.0	0.0
3.00		0.0	0.0
4.00		0.0	0.0
5.00	*****	45.5	45.5
6.00	*****	25.0	70.5
7.00	*****	9.1	79.5
8.00	****	4.5	84.1
9.00	****	4.5	88.6
10.00	**	2.3	90.9
11.00	****	4.5	95.5
12.00	****	4.5	100.0
13.00		0.0	100.0
14.00		0.0	100.0
15.00		0.0	100.0
16.00		0.0	100.0
17.00		0.0	100.0
18.00		0.0	100.0
19.00		0.0	100.0
20.00		0.0	100.0
21.00		0.0	100.0
22.00		0.0	100.0
23.00		0.0	100.0
24.00		0.0	100.0
25.00		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
 INTERVAL(STDV/F) 0.045 NO.SAMPLES 69
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	B1	%	C%
1.66			
1.85		0.0	0.0
2.05		0.0	0.0
2.28		0.0	0.0
2.53		0.0	0.0
2.80		0.0	0.0
3.11		0.0	0.0
3.45		0.0	0.0
3.83		0.0	0.0
4.26	*****	31.9	31.9
4.72	*****	0.0	31.9
5.24		27.5	59.4
5.82	*****	0.0	59.4
6.46	*****	10.1	69.6
7.17		7.2	76.8
7.96	*****	0.0	76.8
8.83		11.6	88.4
9.80		0.0	88.4
10.88	**	0.0	88.4
12.08	*	2.9	91.3
13.41	*	1.4	92.8
14.88	*	1.4	94.2
16.52	*	1.4	95.7
18.34	**	1.4	97.1
20.35	**	2.9	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 45
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

Cd

INTERVAL PPM

%

C%

INTERVAL PPM	%	C%
1.00	0.0	0.0
2.00	0.0	0.0
3.00	0.0	0.0
4.00	44.4	44.4
5.00	20.0	64.4
6.00	20.0	84.4
7.00	6.7	91.1
8.00	8.9	100.0
9.00	0.0	100.0
10.00	0.0	100.0
11.00	0.0	100.0
12.00	0.0	100.0
13.00	0.0	100.0
14.00	0.0	100.0
15.00	0.0	100.0
16.00	0.0	100.0
17.00	0.0	100.0
18.00	0.0	100.0
19.00	0.0	100.0
20.00	0.0	100.0
21.00	0.0	100.0
22.00	0.0	100.0
23.00	0.0	100.0
24.00	0.0	100.0
25.00	0.0	100.0

0 10 20 30 40 50 60 70 80 90 100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES
 INTERVAL (STDV/F) 0.038 NO. SAMPLES 134
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Na%	%	C%
0.01			
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.01		0.0	0.0
0.02		0.0	0.0
0.02		0.0	0.0
0.02		0.0	0.0
0.02	*****	83.6	83.6
0.02		0.0	83.6
0.02		0.0	83.6
0.03		0.0	83.6
0.03		0.0	83.6
0.03	*****	6.0	89.6
0.03		0.0	89.6
0.04		0.0	89.6
0.04	****	4.5	94.0
0.04		0.0	94.0
0.05		0.7	94.8
0.05		0.0	94.8
0.06		0.7	95.5
0.06		0.0	95.5
0.07			

ARITHMETIC VALUES
 INTERVAL INCREMENT 1.000 NO. SAMPLES 603
 PROPERTY NAME: RANGE

TRUNCATED DATA SET

INTERVAL PPM	Co	%	C%
1.00			
2.00		0.0	0.0
3.00		0.0	0.0
4.00		0.0	0.0
5.00	*****	13.8	13.8
6.00	*****	18.4	32.2
7.00	*****	15.9	48.1
8.00	*****	13.8	61.9
9.00	*****	10.8	72.6
10.00	*****	6.8	79.4
11.00	****	4.8	84.2
12.00	****	4.1	88.4
13.00	*	1.8	90.2
14.00	**	2.8	93.0
15.00	**	2.7	95.7
16.00	*	1.3	97.0
17.00	*	1.3	98.3
18.00		0.7	99.0
19.00		1.0	100.0
20.00		0.0	100.0
21.00		0.0	100.0
22.00		0.0	100.0
23.00		0.0	100.0
24.00		0.0	100.0
25.00		0.0	100.0

0 10 20 30 40 50 60 70 80 90 100
 % OF SAMPLES IN CLASS INTERVAL

POTENTIAL PLOTTING INTERVALS - TRUNCATED DATA SET

ELEMENT	B		
POPULATION DIVISIONS AT	3.69	4.02	
PERCENTAGE OF TOTAL POPULATION	94.0	4.0	
PPM AT 50.0% OF POPULATION	2.85	3.85	
PPM AT 90.0% OF POPULATION	3.52	3.98	
PPM AT 95.0% OF POPULATION	3.61	4.00	
PPM AT 97.5% OF TOTAL POPULATION			4.00

ELEMENT	Ce		
POPULATION DIVISIONS AT	13.05	27.22	44.44
PERCENTAGE OF TOTAL POPULATION	32.5	44.8	22.7
PPM AT 50.0% OF POPULATION	10.52	20.14	35.83
PPM AT 90.0% OF POPULATION	12.54	25.80	42.72
PPM AT 95.0% OF POPULATION	12.80	26.51	43.58
PPM AT 97.5% OF TOTAL POPULATION			43.00

APPENDIX 5
Statement of Costs

STATEMENT OF COSTS

RANGE CLAIMS - GROUP A

Geological, Geochemical, and Trenching Program

1. BP LABOUR (Field and office-June 10 - October 19, 1983)

Project Geologist - Michael Smith 24 days @ \$200/day	\$4,800.00	
Geochemist - Stan Hoffman 8 days @ \$275/day	2,200.00	
Geologist - Doug Chen 6 days @ \$116/day	696.00	
Geological Assistant - Ian Fyfe 21 days @ \$76/day	1,596.00	
Geological Assistant - Dan Hicks 35 days @ \$64/day	2,240.00	
Geological Assistant - Andrew Smith 16 days @ \$73/day	1,168.00	
Linecutter - Warren Cummings 4 days @ \$81/day	<u>324.00</u>	
		\$13,024.00

2. CONTRACT LABOUR

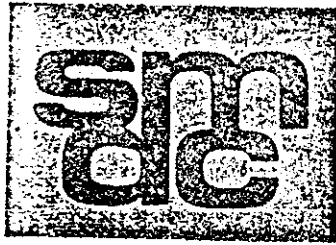
i) Linecutting - R.T. Explorations	\$ 2,775.00	
ii) Geological Services - Bob Cann, SMDC 23 days @ \$212/day	\$ 4,876.00	
iii) Bulldozer Rental - includes mobilization/ demobilization	<u>\$ 4,183.00</u>	
	<u>Subtotal</u>	\$24,858.00

NOTE: When the statement of costs was filed on October 15, 1982, an estimate was made of a total expenditure of \$65,000, of which \$10,000 was for the trenching and \$55,000 for geotechnical surveys. Therefore, the money to be credited to the PAC account should be amended to \$31,472.

	<u>Subtotal</u>	\$24,858.00
3.	<u>RENTAL VEHICLES</u>	
	Four wheel drive vehicle - rental pro- rated for project use, gas, oil, spares, and end of season repair costs	\$ 3,589.39
4.	<u>TRAVEL EXPENSES</u>	
	Airfares, Vancouver - Prince George	1,014.30
5.	<u>FIELD SUPPLIES</u>	1,057.39
6.	<u>FIELD ACCOMMODATION</u>	
	Kluskus Forestry Camp (BP and contractor crews) \$36.30/man day X 135 man days	3,850.81
7.	<u>GEOCHEMICAL ANALYSIS</u>	
	800 samples (rock and soil) by ICP and AA gold	8,409.15
8.	<u>DATA PROCESSING</u>	
	Geochemical Results	2,091.15
9.	<u>PHOTOMOSAIC</u>	1,500.00
10.	<u>LICENCES AND FILING FEES</u>	994.00
11.	<u>OFFICE SUPPLIES AND REPRODUCTION</u>	116.08
12.	<u>DRAFTING SERVICES</u>	105.94
13.	<u>TELECOMMUNICATIONS</u>	224.94
14.	<u>FREIGHT CHARGES</u>	<u>161.50</u>
	<u>TOTAL</u>	\$47,972.65

INVOICE

SASKATCHEWAN MINING DEVELOPMENT CORPORATION



122-3rd Avenue North
 Saskatoon, Saskatchewan
 S7K 2H6 Telex 074-2864
 Ph. 664-5000

Invoice	0735
Date	October 5, 1982
Account No.	1131 - 1500
Voucher No.	23582

BP Minerals Limited
 700 - 890 West Pender
 Vancouver, B.C.
 V6C 1K5

Attention: Mr. Mike Smith

RECEIVED
 OCT 19 1982
 BP MINERALS LIMITED
 VANCOUVER, B.C.

We DEBIT your account as follows:

	AMOUNT
Re: <u>1982 Range Joint Venture Programme, B.C.</u>	
To invoice for costs of work performed by Robert Cann	
23 days @ \$212.00/day	\$4,876.00
Travel	-
Field Expenses	-
Overhead	-
Total	<u>\$4,876.00</u>

APPROVED FOR PAYMENT
 CHARGE 280127 - 2014
 DATE Oct. 29/82 INTLS G.B. [Signature]

L-83.

HJB

Please return duplicate (yellow) copy of this invoice with your remittance.



LOCATION D'AUTOS

MODE DE PAIEMENT

CONTRAT DE LOCATION 37-63323

OWNER-PROPRIÉTAIRE
TILDEN RENT-A-CAR CORP.
1150 1ST AVE
PRINCE GEORGE, BC
V2L 2Y6
564-4847

- AMEX
- CASH/COMPTANT
- DIRECT/FACTURE
- EN ROUTE
- MASTER CHARGE
- TILDEN (TCB)
- VISA
- OTHER/AUTRE

28 CUSTOMER CLIENT
 10 004481102
 TILDEN CENTRAL BILLING
 CANADA
 STAN HOFFMAN
 EXP 6/83
 P.O.# 529 - for Co. only
 POSTAL CODE CODE POSTAL

2 UNIT NO. - UNITÉ 7711011A
 3 LICENSE NO. - N° D'IMM. KBP530
 4 MAKE - MARQUE Dat 50 D
 5 RATE - TARIF CLASS - CAT
 6 OWNER STAT - PROPRIÉTAIRE Prince George
 7 TO BE CHECKED IN AT - ARRIVERA A 121011 121012

29 DATE & TIME IN RETOUR JUL -5 PH 8 2
 30 DATE & TIME OUT DÉPART JUN 30 AM 8 5

8 CREDIT CARD NO. - N° CARTE DE CREDIT 20 7004481 002
 EXPIRATION 6/83
 9 RETURN DATE DE RETOUR July 04/82
 10 DRIVER'S LICENSE NO. - PERMIS DU CONDUCTEUR 1513
 PROV. BC
 11 DESTINATION Vancouver
 12 BLUE CARD GREEN CAR
 14 IN BY RETOUR PAR

31	3	3	9	1	1	MI-KM IN/RETOUR	
32	3	2	6	7	7	MI-KM OUT/DÉPART	
33		1	2	3	4	MI-KM DRIVEN/PARCOURS	
34						MI-KM ALLOWED/COMPRIS	
35		1	2	3	4	MI-KM @ 18	222.12

REMARKS - RE
 50% OF \$305.40 (152.70)
 REALLOCATED TO 280127-2210
 J.L. 86.

36	ADDITIONAL HOURS HEURES ADDITIONNELLES	@ 5.00	
37	DAYS JOURS	1 @ 33.95	33.95
38	WEEKS SEMAINES	@	
39	MONTHS MOIS	weekend @ 7.95	39.75
40	TOTAL TIME & MI/KM TEMPS TOTAL & MI/KM		295.82
41	INTER-CITY FEE TAUX INTERCITÉ	TO: A:	

17 PERSONAL ACCIDENT INSURANCE (PAI) - ASSURANCE ACCIDENT PERSONNELLE (AAP)
 CUSTOMER ACCEPTS OR DECLINES PAI AT RATE SHOWN IN SEPARATE BROCHURE. ACCEPTANCE IS PROOF OF COVERAGE UNDER POLICY ISSUED TO TILDEN AS OUTLINED ON SEPARATE BROCHURE.
 LE CLIENT ACCEPTE OU REFUSE AAP AUX FRAIS APPARAISSANT DANS LA BROCHURE SEPARÉE, LE CONSENTEMENT EST LA PREUVE DE COUVERTURE SOUS LA POLICE ÉMISE À TILDEN COMME INDICÉ SUR LA BROCHURE SEPARÉE.

42	SUB-TOTAL SOUS-TOTAL	295.82
43	TAX TAXE	4% 11.83
44	CDW EDC	@ N.I.
45	PAI AAP	@ N.I.
46	GASOLINE ESSENCE	7/8 2.25
47	OTHER / AUTRES	305.40
49	DEPOSITS DÉPÔTS	
48	TOTAL CHARGES TOTAL DES FRAIS	305.40
50	LESS DEPOSITS MOINS DÉPÔTS	
51	BALANCE DUE SOLDE DU	305.40
52	CASH COMPTANT	
53	CHARGE FACTURER	TCB 305.40

18 CUSTOMER AUTHORIZES TILDEN TO PROCESS A CREDIT CARD VOUCHER, IF ANY, IN HIS/HER NAME FOR CHARGES HEREUNDER.
 LE CLIENT AUTORISE TILDEN À ÉMETTRE UN TALON DE CARTE DE CREDIT, S'IL Y A LIEU, EN SON NOM POUR LE FRAIS CI-DESSOUS.
 J'AI PRIS CONNAISSANCE DES CLAUSES ET CONDITIONS AUX DEUX CÔTÉS DE CE CONTRAT DE LOCATION ET JE LES ACCEPTE.

APPROVED FOR PAYMENT
 CHARGE 280112-2210-4
 DATE 6/26/82
 I ACKNOWLEDGE RECEIPT OF ABOVE AMOUNT. J'ACCUSE RECEPTION DU MONTANT CI-HAUT MENTIONNÉ.

19 DRIVER'S NAME NOM DU CHAUFFEUR Hoffman, Stanley
 20 HOME ADDRESS ADRESSE DOMICILE 2834 W. 24 Ave
 21 CIT VIL VCR Vcl 1R4
 22 LOCAL ADDRESS ADRESSE LOCALE Forest...
 23 TELEPHONE TÉLÉPHONE

RENTAL AGREEMENT IS CLOSED SUBJECT TO AUDIT. AVANT D'ÊTRE FINALISÉ CE CONTRAT DE LOCATION SERA SOUMIS À UNE VÉRIFICATION.

PLEASE REMIT TO:
 TILDEN CENTRAL BILLING
 920 Yonge Street, Suite 700
 Toronto, Ontario M4W 3G3

DETACH AND RETURN THIS PORTION WITH YOUR REMITTANCE TO:
 DÉTACHER ET RETOURNER CE COUPON AVEC VOTRE REMISE À:

Modiscount given unless P.O.
 NET DUE - NET DU
 37-63323

STATEMENT

Tanga Holding Ltd.

Box 920
Vanderhoof, B.C.
VOJ 3A0

DATE Aug 5 1982

2 P. Mincant, Ltd. Proj 529

2nd W. Road 3rd Floor

Vancouver B.C. V6G 1L1

Range 534 July 20/82

Amount 266.00

Range July 22/82

DATE	DETAILS	DEBIT	CREDIT	BALANCE
July 3	62555	205.37		
14	62698	28.33		
21	62782	51.37		
22	62801	34.93		
5	62602	13.00		
6	66156	34.00		
23	62910	10.00		
29	62923	180.00		
30	62930	178.70		
30	62940	1.65		558.95
RECEIVED				
APPROVED FOR PAYMENT		192.15		
CHARGE 230112-2210				
DATE AUG 17 1982 INTLS				
VANCOUVER B.C.				

ONLY
\$ 92.15

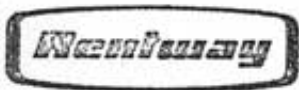
3% PER MONTH
CHARGED ON OVERDUE ACCOUNTS

REDIFORM - 8M101

239.07 REALLOCATED TO 280127-9210

L-86

L-62



TRANSPORTATION
LEASING
TRANSPORT
EQUIPMENT

RENTWAY CANADA LTD./LTEE.
HEAD OFFICE: P.O. BOX 3500/SIEGE SOCIAL: C.P. BOITE 3500
CALGARY, ALBERTA T2P 2P9

TELEPHONE (403) 265-0460

INVOICE NO. 3292
N° FACTURE

- BRANCHES
SUCCURSALES
- VANCOUVER
 - CALGARY
 - EDMONTON
 - TORONTO
 - MONTREAL
 - HAMILTON
 - LONDON

B.P. EXPLORATION
333 5th AVE SW
CALGARY ALTA

A MEMBER OF THE
MEMBRE DU GROUPE
NATIONWIDE **Trimac** GROUP
A TRAVERS LE PAYS

CUSTOMER 14277

DATE 8/31/82

BATCH/LOT		UNIT NO. N° UNITE	REFERENCE	PERIOD/PERIODE		TYPE OF CHARGE GENRE DE FRAIS	E - EST.	A - ACT.	CHARGE BEFORE TAX FRAIS AVANT TAXE	TAX TAXE	TOTAL CHARGE FRAIS TOTAL	UNIT TOTAL FRAIS D'UNITE
B	S			FROM/DE MO. / D./J. / YR./AN.	TO/A MO. / D./J. / YR./AN.		QUAN.	RATE/TAUX				
PA	14	00000	47036	8/19/82		MISC INV			SEE ATTACHED		440.00	440.00

APPROVED FOR PAYMENT
CHARGE 280112-2210-440.00
DATE SEP 30 1982 INTLS

\$440.00 REMITTANCE TO 280117-2210
1-86

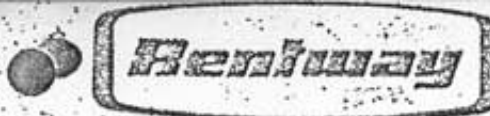
PLEASE RETURN ONE COPY OF INVOICE WITH REMITTANCE. MAKE ALL PAYMENTS TO P.O. BOX 3500, CALGARY, ALBERTA.
VEUILLEZ RETOURNER UNE COPIE DE LA FACTURE AVEC LE PAIEMENT. ADRESSER VOS PAIEMENTS A C.P. BOITE 3500, CALGARY, ALBERTA.

TERMS NET ON DATE OF INVOICE, 2% PER MONTH (24% PER ANNUM) ON OVERDUE ACCOUNTS
TERMES NETTE AVEC RECEPTION DE LA FACTURE, 2% PAR MOIS (24% PAR ANNEE) SUR COMPTE ED/2

TOTAL CHARGES THIS INVOICE
FRAIS TOTAL CETTE FACTURE

440.00

CUSTOMER COPY / COPIE DU CLIENT



TOTAL TRANSPORTATION LEASING PROGRAMS

BRANCHES: CALGARY - EDMONTON - HAMILTON - LONDON - TORONTO - VANCOUVER

1 RENTOR **B P MINERALS LIMITED** VEHICLE **1981 4x4 C-CAR** UNIT NO. **23399**
 ADDRESS **3rd Floor - 900 West Pender Street**
 CITY **Vancouver, B.C. V6C 1L1**
 TELEPHONE **682-8345**
 EMPLOYED BY **682-8345**
 SERIAL NUMBER **201982**
 TIRE TYPE **201982**
 LICENSE **Red**
 SPECIAL EQUIP. **CANOPY #16236 WINCH #16220**

3 RENTER AGREES TO RETURN VEHICLE ON DATE **3 months** TIME **142770** APPROVED CREDIT **VAN** CHECK-OUT STN. **DR** BY **DR**
 DATE **3 months** TIME **142770** APPROVED CREDIT **VAN** CHECK-OUT STN. **DR** BY **DR**
 TIME IN **SEPT 5/82** TIME OUT **JUNE 8/82**
 7. AREA OF OPERATION OR DESTINATION **BC** 8. P.O. NO. OR OTHER **BC** 9. CHECK-IN STN. BY
 TOTAL TIME **2 mo 26 days**
 10. INSURED BY **RENTWAY** 11. DISTANCE IN **27655** DISTANCE ALLOWANCE **2400**
 PUBLIC LIABILITY AND PROPERTY DAMAGE COLLISION OR UPSET DISTANCE OUT **7137** AMOUNT **13656**
 RENTER RENTWAY RENTER RENTWAY
 12. RENTER'S INSURANCE AGENT OR CO. 13. LICENSED BY **RENTWAY** TOTAL **20518** @ Km of MI **1636 56**

30% of \$ 4,663.42 (\$1,399.03)
 REALLOCATED TO 28027-2210
 L-86

25	HRS. @			
26	20 DAYS @	31.67	823	42
27	WKS. @			
28	2 MOS. @	850+50+50	1900	00
29	EXTRA EQUIPMENT			
30	SUB TOTAL			
31				
32	SUB-TOTAL	4100	4358	98
33	SALES TAX	2551	261	60
34	FUEL @ 15.3 GALS	437	41	84
35	DAMAGE (IF ANY)	2524		
36	INSURANCE RESERVE	2526		
37				
38	TOTAL CHARGES THIS RENTAL		4663	42

RENTOR RESPONSIBLE FOR BODY DAMAGE
 RENTOR RESPONSIBLE FOR RUNNING MAINTENANCE & MINOR REPAIRS
 WINDSHIELD INSURANCE **CUSTOMER INSURED**
 COLLISION COVERAGE **CUSTOMER INSURED**
 PAY THIS AMOUNT **4663.42**

23 DRIVER'S NAME **BATES, CDS/ Michael** DATE SEPT 30 1982
 DRIVER'S SIGNATURE **C. Bates and company** AUTHORIZED PERSONNEL
 DRIV. LIC. NO. **3983992** DRIVER MUST BE 21 YEARS OF AGE OR OVER
 REFUND PAID CHEQUE REFUND DUE
 SOURCE MO. DATA REFERENCE DESCRIPTION VOUCHER ACCT BR CUSTOMER UNIT INVOICE AMOUNT SPEEDOMETER IN
01 **71552** ITEM **1** **1120** **1427723399** **71552**

MIDLAND GLASS & TIRE
 Box 221 - Hwy. 16 East
 VANDERHOOF, B.C. VOJ 3A0

INVOICE

2155

Phone 567-9522

TO **B.P. MINERALS**
 900 WEST FENDER
 3rd Floor Vancouver, B.C.
 PROJECT 529 V6C 1L1

INVOICE DATE <i>JULY 6/82</i>	SALESMAN <i>[Signature]</i>
SHIP TO	

YOUR ORDER NO.	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
					1	9.50 - 16.5 GOOD YEAR RADIAL		125.00
					1	16.5 RIM & STUD.		81.25
					1	16.5 FLAT REPAIR		6.50
					1	# 2 BOOT		1.95
					1	# 4 BOOT		3.95
						<i>dg.</i>		
						<i>Michael Smith</i>		
							TAX	12.73
								<u>231.38</u>

APPROVED FOR PAYMENT
 CHARGE 280112-2210-
 DATE AUG 17 1982 INTLS *credit*

ORIGINAL

Thank You

#231.38 REALLOCATED TO 280127-2210
 L-86

L-62

IMPERIAL OIL LIMITED

SOLD BY:

Strauss Agencies Ltd.

SALES AGENT

BOX 157, VANDERHOOF, B.C. V0J 3A0
PHONE 567-2567

"RETAIN THIS INVOICE FOR YOUR RECORDS"

TERMS: PAYMENT DUE NOW
A PENALTY FOR LATE PAYMENT WILL BE CHARGED AT THE RATE OF TWENTY-SEVEN PERCENT (27%) PER YEAR COMPOUNDED MONTHLY, ON THE OUTSTANDING BALANCE ON THE PREVIOUS STATEMENT OF ACCOUNT.

RECEIVED DATE 13 July 1982

SOLD TO 9076 01034 8

ADDRESS B P MINERALS
3RD FLOOR 900 PENDER ST
VANCOUVER BC
V6C 1L1 DEL B SMITH

ORDER NO.

PRODUCT	QUAN.	PRICE	TAX	TOTAL PRICE	AMOUNT
<u>Reg Asa</u>	<u>1000</u>			<u>407.40</u>	<u>40</u>
<u>ARRTAGE</u>	<u>1000</u>			<u>1.3</u>	<u>13 00</u>
				<u>420.40</u>	
TERMS "NET CASH" PAYMENT NOW DUE				TOTAL	<u>420 40</u>

APPROVED FOR PAYMENT
CHARGE 28012-4602 - \$420.40
DATE AUG 17 1982 INTL \$11.63

64 MILE CAMP.

Chg. V. C.

RECEIVED

AUG 9, 1982

SP SALES LTD LIMITED
VANCOUVER BC

QUANTITY No 2998

30% of 420.40 (^{#126.12}~~#162.12~~)
REALLOCATED TO 280127-4602

L-86

L-63



MAKE CHEQUES PAYABLE AND REMIT TO
YOUR ESSO SALES AGENT

WC-150/9 11/81
142 125

IMPERIAL OIL LIMITED

SOLD
BY:

Strauss Agencies Ltd.
SALES AGENT

BOX 157, VANDERHOOF, B.C. V0J 3A0
PHONE 567-2567

"RETAIN THIS INVOICE FOR YOUR RECORDS"

TERMS: PAYMENT DUE NOW
A PENALTY FOR LATE PAYMENT WILL BE CHARGED AT THE RATE OF TWENTY-SEVEN PERCENT (27%) PER YEAR COMPOUNDED MONTHLY, ON THE OUTSTANDING BALANCE ON THE PREVIOUS STATEMENT OF ACCOUNT.

RECEIVED 9076010348 DATE JUNE 29 82

SOLD TO B. P. MINERALS
ADDRESS 3rd FLOOR 900 PENDER ST
VANCOUVER V6C 1L1
682-8345 PROJECT 529

PRODUCT	QUAN.	PRICE	TAX	TOTAL PRICE	AMOUNT
<u>reg</u>	<u>2818</u>			<u>40.36</u>	<u>1137.34</u>
<u>cartage</u>			<u>13</u>		<u>36.63</u>
				<u>4602-1173.97</u>	
TERMS "NET CASH" PAYMENT NOW DUE				TOTAL	<u>1173.97</u>

APPROVED FOR PAYMENT
CHARGE 280112
DATE AUG 17 1982
INTLS 4/1/82

64 MILE CAMP

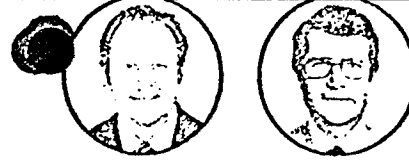
RECEIVED

AUG 11 1982
B. P. MINERALS LIMITED
VANCOUVER, B.C.

QUANTITY NO 2792

30% OF 1,173.97 (\$352.19)
REALLOCATED TO 220127-4602
L-86

L-63



NEVILLE CROSSBY INC.

87 HARDS ST., VANCOUVER, B.C. V6B 3A7
TELEPHONE 659-7525 TELEX 04-507762

MINING, FORESTRY & DRAFTING SUPPLIES

C O L D T O L
B.P. Minerals Limited
3 - 900 West Pender St.
Vancouver, B.C.
V6C 1L1

S H I P T O
B.P. MINERALS
MIKE SMITH
C/O B.C. TIMBER - KLUSKUS FORESTRY
CAMP, BOX 2000
VANDERHOOF, BC
V0J 3A0. PHONE 567-7771

DATE: JUNE 28/82

REG. NO. C 2326

CUSTOMER P.O. NUMBER

INVOICE

529

23658

QUANTITY		CAT. No.	DESCRIPTION	B/O	SHIPPED	PRICE PER UNIT	AMOUNT	
ORDERED	UNIT							
20	boxes	(10/box)	COTTON		20	35.00	700.00	
							S.S. TAX	-42.00
							DELIVERY	11.40
							TOTAL	753.40

RECEIVED
JUL 5 1982
B P MINERALS LIMITED
Vancouver, B.C.

APPROVED FOR PAYMENT
CHARGE 280112-4624-#753.40
DATE JUL 21 1982 INTLS *9/5/82*

25% OF \$753.40 (\$188.35)
REALLOCATED TO
280127-4624 L-54
L-86.

Overdue Accounts subject to interest.
Merchandise returned for Credit will not be accepted unless previous arrangements have been made.
TERMS: Sales Net 30 Days / Rentals in Advance.

PLEASE PAY THIS AMOUNT

INVOICE

Thank You



IN ACCORD WITH

BURNETT RESOURCE SURVEYS LTD.
ENGINEERS • PHOTOGRAMMETRISTS • SURVEYORS

DATE: July 5, 1982

BP Minerals Limited
3rd Floor - 900 West Pender Street,
Vancouver, B.C.
V6C 1L1

Attention: Mr. Michael Smith
Project Geologist

OUR FILE No.: 82-1025

Re: Aerial Mosaics and Topographic
Enlargements for Tate, Swan, Gran,
Laid & Range Properties

For providing aerial mosaics and enlargements from NTS maps
all to 1:5000 scale

	\$4276.20
9% F.S.T.	<u>384.86</u>
	\$4661.06
6% P.S.T.	<u>279.66</u>
	\$4940.72

APPROVED FOR PAYMENT
CHARGE 280112-5310-4940.72
DATE JUL 16 1982 INTLS *g/s*

\$ 1,500 REALLOCATED TO 280127-5310
L-86

**NO STATEMENT ISSUED
PLEASE PAY ON INVOICE**

RECEIVED
JUL 1982
B P MINERALS LIMITED
Vancouver, B.C.

E. & O. E.

David Dik L-49

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0600

Date: July 24, 1982

BP Minerals Ltd.,
 700 - 890 W. Pender St.,
 Vancouver, B.C.
 V6C 1K5

TERMS:
 NET TWO WEEKS
 2% PER MONTH CHARGED ON
 OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : 529D + B		
310	Geochem Au assays @	\$3.75	\$1162.50
310	ICP analysis @	5.50	1705.00
310	Soil sample preparations @	0.50	155.00
310	Saving sample rejects @	0.25	77.50
			\$3100.00
	Less 10% discount		310.00
			\$2790.00
	Loomis delivery charge # C7357501 - C7357502		15.00
	1 Floppy disc (return)		
			\$2805.00

RECEIVED
 JUL 27 1982
 B P MINERALS LIMITED
 Vancouver, B.C.

APPROVED FOR PAYMENT
 CHARGE 280112-5324 \$2805.00
 DATE JUL 27 1982 INTLS q/3/ats

PLEASE PAY LAST AMOUNT →

2-54

\$2,805.00 REALLOCATED TO 280112-5324 L-26

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0535

Date: July 19, 1982

BP Minerals Ltd.,
3rd floor - 900 W. Pender st.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : <u>529 D</u>		
44	ICP analysis @	\$5.50	\$242.00
44	Geochem Au assays @	3.75	165.00
44	Soil sample preparations @	0.50	22.00
44	Saving sample rejects @	0.25	11.00
			\$440.00
	Less 10% discount		44.00
			\$396.00
	Greyhound Lines of Canada Ltd. #SCD980126		11.40
			\$407.40

RECEIVED
 JUL 19 1982
 B P MINERALS LIMITED
 Vancouver, B.C.

APPROVED FOR PAYMENT.
 CHARGE 380112-5324-407.40
 DATE JUL 21 1982 INTLS *[Signature]*

PLEASE PAY LAST AMOUNT →

L-54

40740 RECALCULATED TO 280112-5324 L-86

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0546

Date: July 17, 1982

BP Minerals Ltd.,
3rd floor - 900 W. Pender St.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : <u>529</u>		
152	ICP analysis @	\$5.50	\$ 836.00
152	Geochem Au assays @	3.75	570.00
152	Soil sample preparations @	0.50	76.00
152	Saving sample rejects @	0.25	38.00
			\$1520.00
	Less 10% discount		152.00
			\$1368.00
1	Floppy disc	6.00	6.00
			\$1374.00

RECEIVED
JUL 19 1982

APPROVED FOR PAYMENT
CHARGE 280112-5324 - \$1374.00
DATE JUL 21 1982 INTLS. *[Signature]* BP MINERALS LIMITED
VANCOUVER, B.C.

PLEASE PAY LAST AMOUNT →
L-54

\$ 1,374.00 RECALCULATED TO 280117-5324
 L-26

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0516

Date: July 12, 1982

BP Minerals Ltd.,
3rd floor - 900 W. Pender St.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : 529 D		
3	ICP analysis @	\$5.50	\$16.50
2	Geochem Au assays @	3.75	18.75
2	Rock sample preparations @	2.50	5.00
1	Soil sample preparations @	0.50	0.50
3	Saving sample rejects @	0.25	0.75
			\$41.50
	Less 10% discount		4.15
			\$37.35

APPROVED FOR PAYMENT
 CHARGE 280112 - ~~5224~~ 5224 \$37.35
 DATE JUL 15 1982 INTLS *gk/ats*

RECEIVED
 JUL 14 1982
 B P MINERALS LIMITED
 Vancouver, B.C.

PLEASE PAY LAST AMOUNT

\$ 37 35 *D* REALLOCATED TO 280127 - 5324

L-26

L-49

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0506

Date: July 12, 1982

RECEIVED

JUL 13 1982

BP MINERALS LIMITED
VANCOUVER, B.C.

BP Minerals Ltd.,
3rd floor - 900 W. Pender St.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project # 529 D		
88	ICP analysis @	\$5.50	\$484.00 ✓
88	Geochem Au assays @	3.75	330.00 ✓
88	Soil sample preparations @	0.50	44.00 ✓
88	Saving sample rejects @	0.25	22.00 ✓
			\$880.00
	Less 10% discount		88.00
			\$792.00 ✓
1	Floppy disc		6.00 ✓
			\$798.00
	CP Air # 018-44161876		25.70
			\$823.70

APPROVED FOR PAYMENT
CHARGE 280112-5314 - \$ 823.70
DATE JUL 16 1982 INTLS *[Signature]*

\$ 823.70 REALLOCATED TO 280127-5324

PLEASE PAY LAST AMOUNT →

L-26

L-49

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0515

Date: July 12, 1982

BP Minerals Ltd.,
3rd floor - 900 W. Pender St.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : <u>529 D</u>		
29	ICP analysis @	\$5.50	\$159.50
29	Geochem Au assays @	3.75	108.75
29	Soil sample preparations @	0.50	14.50
29	Saving sample rejects @	0.25	7.25
			\$290.00
	Less 10% discount		29.00
			\$261.00
	Greyhound Lines of Canada Ltd. # CG 009052		24.35
			\$285.35

RECEIVED
JUL 14 1982
B P MINERALS LIMITED
Vancouver, B.C.

APPROVED FOR PAYMENT
CHARGE 280112-5324 - \$ 285.35
DATE JUL 15 1982 INTLS. gk/ats

PLEASE PAY LAST AMOUNT →

\$285.35 REALLOCATED TO 280127-5324
K-26

L-49

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 82-0495

Date: July 9, 1982

BP Minerals Ltd.,
3rd floor - 900 W. Pender St.,
Vancouver, B.C.
V6C 1L1

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	Project : <u>529D</u>		
210	ICP analysis @	\$5.50	\$1155.00
210	Geochem Au assays @	3.75	787.50
210	Geochem Hg assays @	3.00	630.00
210	pH analysis @	1.00	210.00
10	Soil sample preparations @	0.50	105.00
210	Saving sample rejects @	0.25	52.50
			\$2940.00
	Less 10% discount		294.00
			\$2646.00
1	Floppy disc		6.00
	Greyhound Lines of Canada Ltd. # C 009052		\$2652.00
			24.35
			\$2676.35

RECEIVED
 JUL 15 1982
 B P MINERALS LIMITED
 Vancouver, B.C.

APPROVED FOR PAYMENT
 CHARGE 280112 * 5324 2676.35
 DATE _____ INTL. 30/6/82

PLEASE PAY LAST AMOUNT →

\$ 2,676.35 REALLOCATED TO 280127-5324
 L-86

RECEIVED

JUL 14 1982

R. T. EXPLORATION SERVICES LTD.
BOX 2571, SMITHERS, B.C.
PHONE 847-3493
V0J 2N0

OUR NUMBER	072134
DATE	July 1, 1982
CUSTOMER'S ORDER	
SALESMAN	
TERMS	15% OVER 30 DAYS
F.O.B.	44% 44% 44% 44% 44%

SOLD TO B.P. MINERALS LTD.
SUITE 700 - 890 W. PENDER STR.
VANCOUVER, B.C. V6C-1K5
 SHIPPED TO VANCOUVER, B.C. V6C-1K5
 ADDRESS ATT: MR. MIKE SMITH.

INVOICE

12/06/82	CASUAL EXPEDITION				
	SUPPLY TRUCK & DRIVER TO TAKE M. SMITH DOWN TO KLUSKOS				
	15 Hours @ \$30 ⁰⁰ /HR			450	00
	FUEL 355 KM X 0.14 (SMITH → KLUSKOS)			49	70
21/06/82	LINECUTTING				
	4 MEN 10 DAYS @ \$650 ⁰⁰ /DA			6500	00
	2 MEN 1 DAY @ \$325 ⁰⁰ /DA			325	00
	(NOTE! NO CHG FOR 21 JUNE 82)				
	TOTAL			7324	70

280127-5326-441
 APPROVED FOR PAYMENT
 CHARGE 280127-5326-441
 DATE JUL 21 1982
 INTLS 280127-5326-441

Approved by [Signature]

L-53

\$2,275.00 REALLOCATED TO 280127-5326

STATEMENT

CLARK BORTH
 BOX 1252
 VANDERHOOF, B.C.

Rec'd Sept 28/82

RECEIVED

SEP 28 1982

DATE SEPTEMBER 17, 1982

BP MINERALS LIMITED
 VANCOUVER B.C. Floor-900 West Pender Street

Vancouver, B.C. V6C 1L1

DATE	DETAILS	DEBIT	CREDIT	BALANCE
	Ref. no.: Project	529		
		534		
Sept. 10-82	Remove over-burden, & rip	3.5 hrs.		
Sept. 13	Remove over-burden and rip	8.0		
Sept. 14	Remove Overburden	9.0		
Sept. 15	Remove Overburden and back fill trench	5.0		
	Total Hours 25.5 hrs. @ \$134.00 =			\$3,417.00
	Low bed invoice # 8163			306.51
	Low bed invoice # 8183			459.77
	APPROVED FOR PAYMENT			
	CHARGE 280127-5328			
	Total due:			\$4,183.28
	DATE: <u>SEP 29 1982</u>			
	BY: <u>INILS</u>			

OK ms.

APPENDIX 6

List of Qualifications

STATEMENT OF QUALIFICATIONS - Michael D. Smith

I, Michael Smith of Suite 700 - 890 West Pender Street in Vancouver in the Province of British Columbia, Do Hereby State:

1. That I am a graduate of Brock University, St. Catherine, Ontario, where I obtained a B.Sc. (Hons.) degree in Geology in 1975.
2. That I am a Fellow of the Geological Association of Canada.
3. That I have been active in mineral exploration since 1961.
4. That I have practised my profession continuously as a geologist since 1975.

Vancouver, B.C.

Michael D. Smith
Geologist
BP Minerals Limited

List of Qualifications - P.F. Matysek

BSc 1980 - University of Toronto (Hons. Geology)

MSc 1981-1983 - University of British Columbia
(Geochemistry) (to be completed in 1983)

List of Publications

1. Matysek, P.F., 1980

A Preliminary Evaluation of Categorized Field Observations for Regional Stream Sediment Samples. B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1980, Paper 1981-1, pp 148-158.

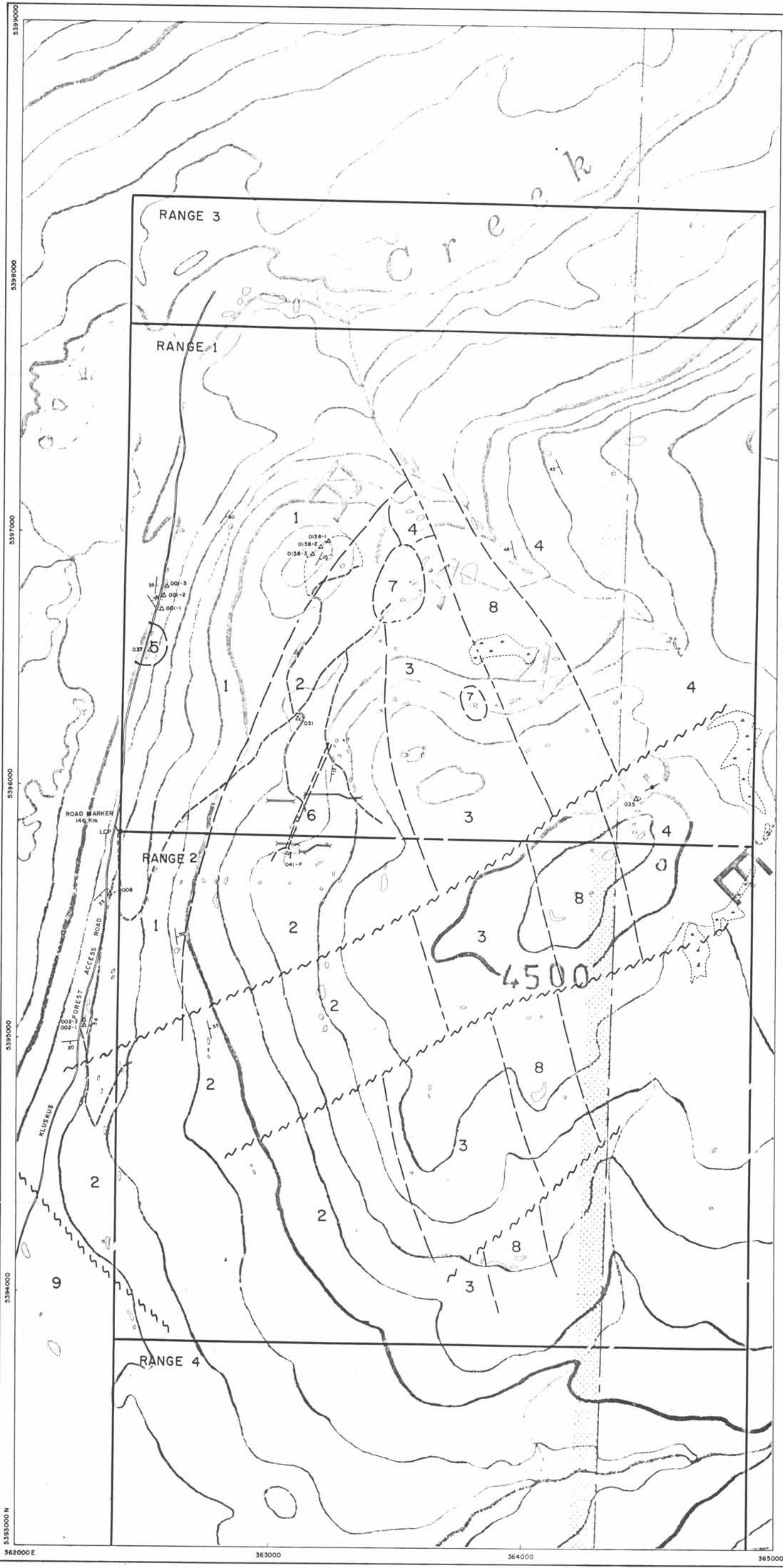
2. Matysek, P.F. et al, 1981

A Rapid Anomaly Recognition and Ranking for Multielement Regional Stream Sediment Surveys. B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1981, Paper 1982-1, pp 176-186.

List of Memberships

1. Canadian Institute of Mining and Metallurgy, since 1980.

2. Association of Exploration Geochemists, since 1980.

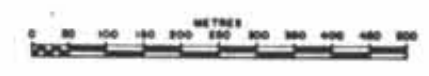


LEGEND

- TERTIARY (?)**
- 9 PINKISH DACITE FLOWS, MINOR PINKISH TUFF, BASALT
 - 8 QUARTZ-PHENOCRYTE PORPHYRY
 - 7 PERMINERALIZED RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW BANNED RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- OTZIA LAKE GROUP**
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)**
- HAZELTON GROUP (?)**
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)**
- HAZELTON GROUP**
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING
- OUTCROP
- ROCK CHIP SAMPLE & NO.



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899

BP Minerals Limited			
RANGE CLAIMS			
CAPOOSE LAKE PROJECT B.C.			
GEOLOGY			
DATE	NOV. 1982	PROJECT 534	FIG. 3
REPORT NO.	NTS 83F/3	SCALE 1:10,000	
BPVR 82-35			

LEGEND

- TERTIARY (?)**
- 9 PINKISH DACITE FLOWS, MINOR PINKISH TUFF, BASALT
 - 8 QUARTZ-HORNBLENDE PORPHYRY
 - 7 PORPHYRITIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW Banded RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)**
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)**
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

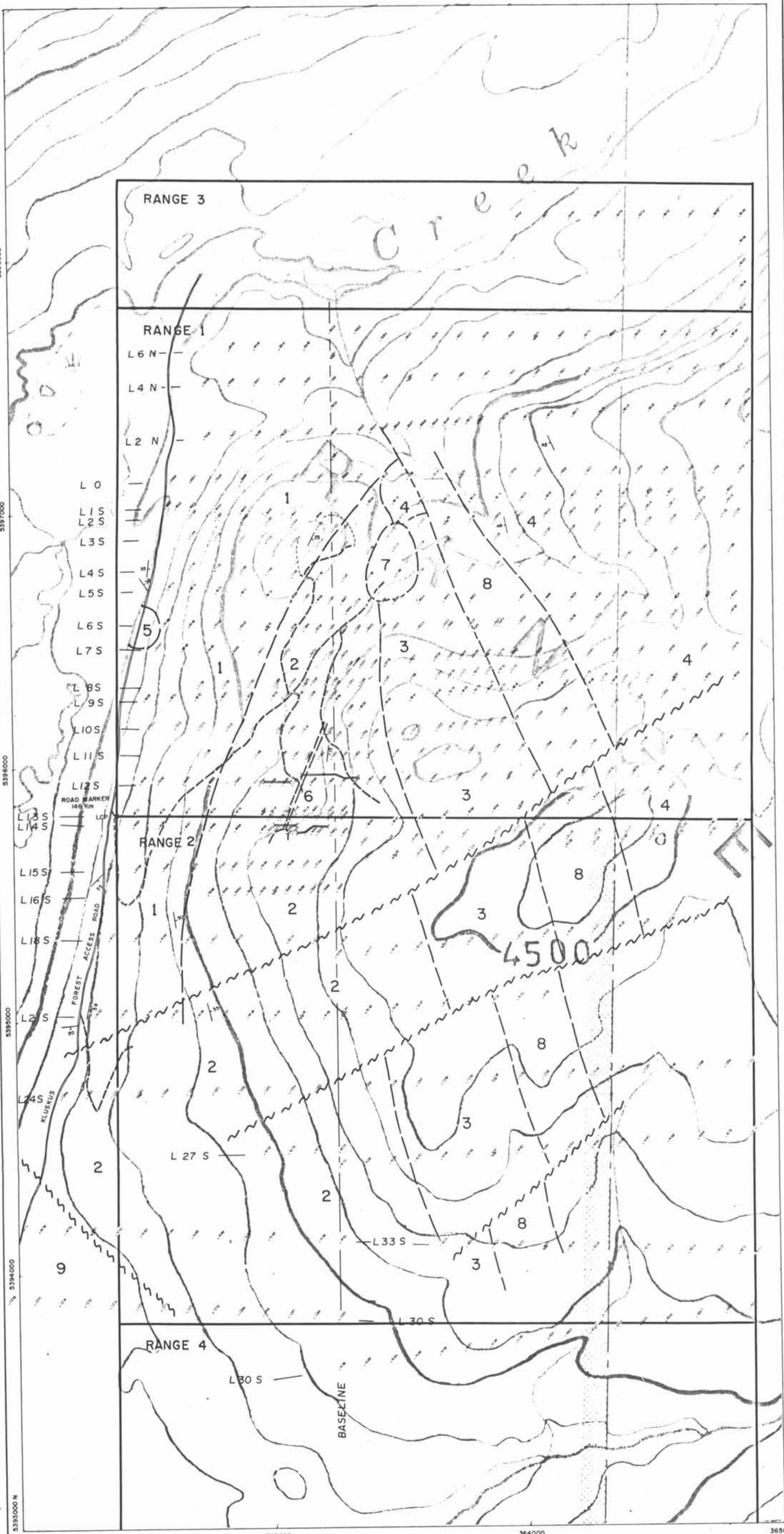
- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING

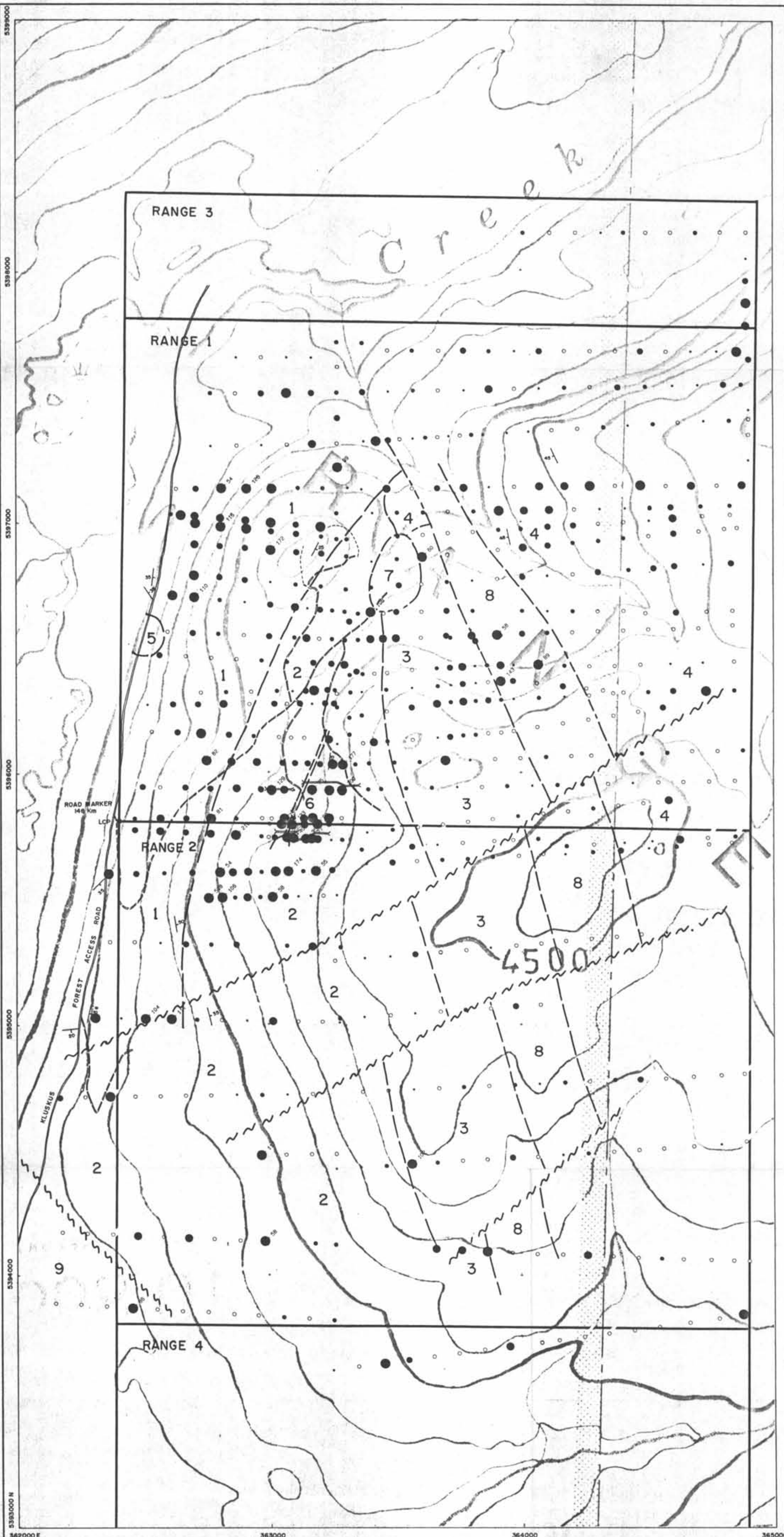


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,899

BP Minerals Limited			
RANGE CLAIMS			
CROOSE LAKE PROJECT, B.C.			
SOIL SAMPLE LOCATION			
DATE	DATE AUGUST 1982	PROJECT 534 - D	4A
REPORT NO.	NTS 93F/3	SCALE 1: 10000	
TO ACCOMPANY REPORT BPVR 82-35			



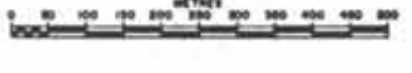


LEGEND

- TERTIARY (?)
- 9 PWOON DACITE FLOWS, MINOR PWOON TUFF, BASALT
 - 8 QUARTZ-HORNBLITE PORPHYRY
 - 7 PORPHYRITIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW BANDED RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY
- OUTSA LAKE GROUP
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHTITE
- LOWER JURASSIC (?)
- Hazelton Group (?)
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)
- Hazelton Group
- 2 GRENACHE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING



GEOLOGICAL BRANCH ASSESSMENT REPORT

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SOILS

- 34
- 22
- 14
- 8
- 7

250 METERS

RANGE-C RANGE-1

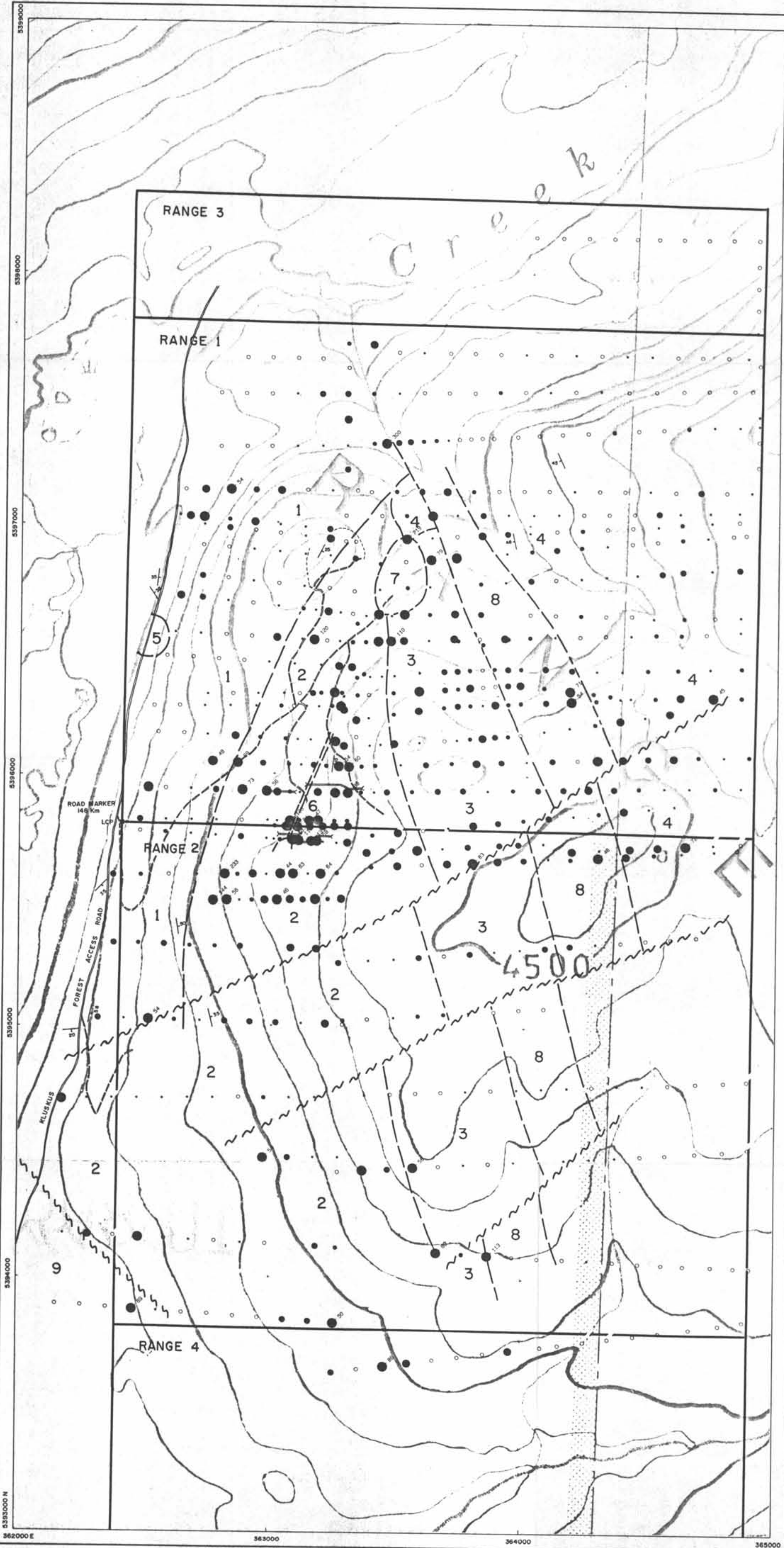
BP Minerals Limited

RANGE CLAIMS

CAPOOSE LAKE PROJECT B.C.

COPPER (PPM) IN SOIL SAMPLES

DATE NOV. 1982	PROJECT 534	Fig. 4B
REPORT NO. NTS 93F/3	SCALE 1: 10000	
TO OBTAIN REPORT BPVR 82-35		



LEGEND

- TERTIARY (?)
- 9 PARCH DACTITE FLONG, MINOR MASON TUFF, BASALT
 - 8 QUARTZ-MONZONITE PORPHYRY
 - 7 PORPHYRITIC RhyOLITE
 - 6 DACTITE, MASSIVE, RELATED BRECCIA
 - 5 FLON BANNED RhyOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY
- 4 RhyOLITE-FLONG, TUFF, MINOR TRACHTO
- LOWER JURASSIC (?)
- 3 HAZELTON GROUP (?)
 - 2 ANDERITE FLONG, MINOR BRECCIA, DYES
- LOWER JURASSIC (?)
- 2 HAZELTON GROUP
 - 1 GREYHAWKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SELTYSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,899

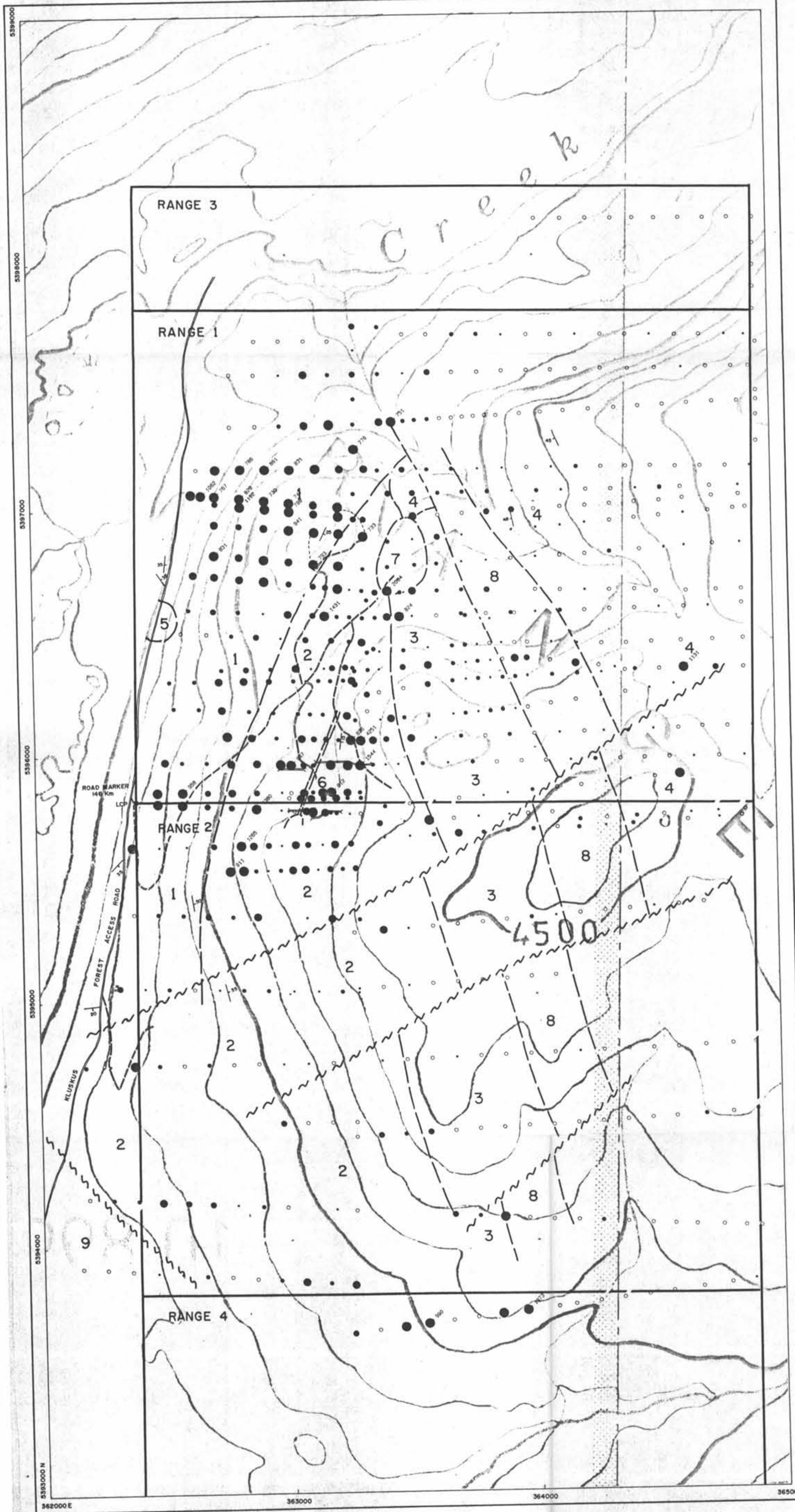
SOILS

- 35
- 25
- 22
- 18
- 13
-

250 METERS
RANGE-C RANGE 1

BP Minerals Limited
RANGE CLAIMS
CAPOOSE LAKE PROJECT B.C.
LEAD (PPM) IN SOIL SAMPLES

DATE NOV. 1982	PROJECT 534
REPORT NO. NTS 83F/3	SCALE 1: 10000
TO ACCOMPANY REPORT BPVR 82-35	FIG. 4C



LEGEND

- TERTIARY (?)**
- 9 MAFIC DACITE FLOWS, MINOR MAFIC TUFF, BASALT
 - 8 QUARTZ-MONZONITE PORPHYRY
 - 7 PORPHYRITIC ANDALUSITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW BANDED ANDALUSITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- OTTAWA LAKE GROUP**
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)**
- HAZELTON GROUP (?)**
- 3 ANDALUSITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)**
- HAZELTON GROUP**
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- || TRENCH
- LOGGING TRAIL
- == MAIN ROAD
- ~ FALLT., ASSIGNED
- - - GEOLOGICAL CONTACT
- ||| BEDDING

GEOLOGICAL BRANCH ASSESSMENT REPORT

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SOILS

- 436
- 204
- 188
- 114
- 81
-

200 METERS
RANGE-C, RANGE 1

BP Minerals Limited
RANGE CLAIMS
CAPOOSE LAKE PROJECT B.C.
ZINC (PPM) IN SOIL SAMPLES

DATE NOV. 1982	PROJECT 534
NTS 93F/3	SCALE 1: 10000
BPVR 82-35	

Page 40

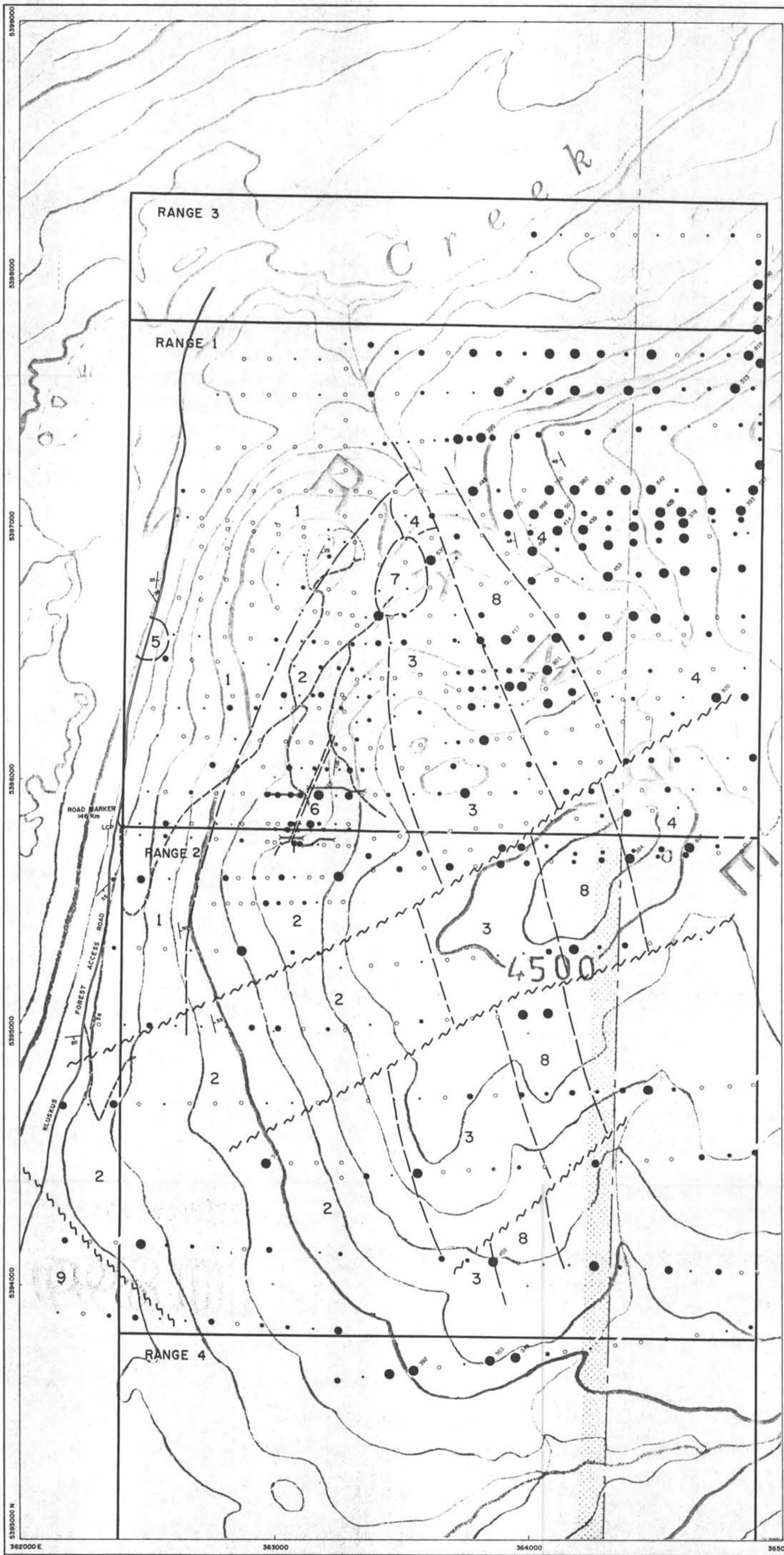
5395000
5394000
5393000
5392000
5391000
5390000
5389000
5388000
5387000
5386000
5385000
5384000
5383000
5382000 N

363000
364000
365000

ROAD MARKER 14.6 Km
LCP
FOREST ACCESS ROAD
KLUSKUS
Creek

RANGE 3
RANGE 1
RANGE 2
RANGE 4

4500



LEGEND

- TERTIARY (?)**
- 9 PAVON DACITE FLOWS, MINOR PAVON TUFF, BASALT
 - 8 QUARTZ-MONCHITE PORPHYRY
 - 7 PORPHYRITIC RhyOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW Banded RhyOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- OSTIA LAKE GROUP**
- 4 RhyOLITE-FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)**
- HAZELTON GROUP (?)**
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)**
- HAZELTON GROUP**
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

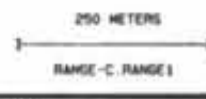
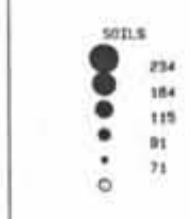
SYMBOLS

- || TRENCH
- LOGGING TRAIL
- MINOR ROAD
- - - - - FAULT, ASSUMED
- - - - - GEOLOGICAL CONTACT
- - - - - BEDDING

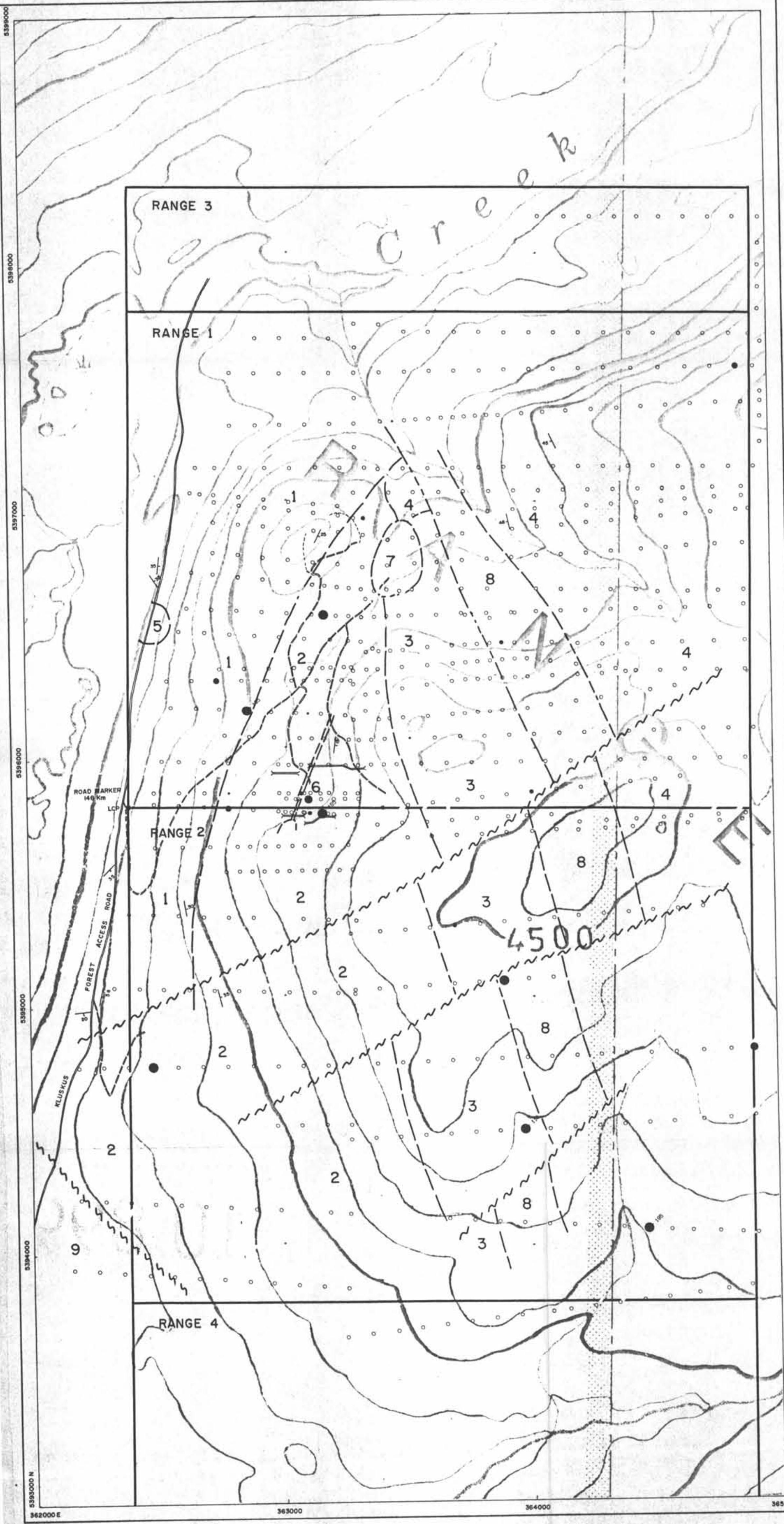


GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899



BP Minerals Limited		
RANGE CLAIMS		
CAPOOSE LAKE PROJECT B.C.		
BARIUM (PPM) CONTENT OF SOILS		
DATE NOV. 1982	PROJECT 534	4E
NTS 93F/3	SCALE 1: 10000	
BPVR 82-35		



LEGEND

- TERTIARY (T)**
- 9 PAVON DACITE FLING, MINOR PAVON TUFF/ BASALT
 - 8 QUARTZ-PHENOCYTE PORPHYRY
 - 7 PORPHYRYC RhyOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW Banded RhyOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- DETA LAKE GROUP**
- 4 RhyOLITE-FLING, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (J)**
- HAZELTON GROUP (J)**
- 3 ANDESITE FLING, MINOR BRECCIA, DYKE
- LOWER JURASSIC (J)**
- HAZELTON GROUP**
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

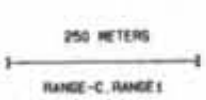
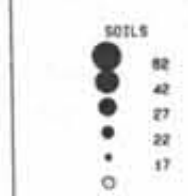
SYMBOLS

- ||| TRENCH
- LOGGING TRAIL
- == MAIN ROAD
- - - - - FAULT, ASSUMED
- - - - - GEOLOGICAL CONTACT
- - - - - BEDDING

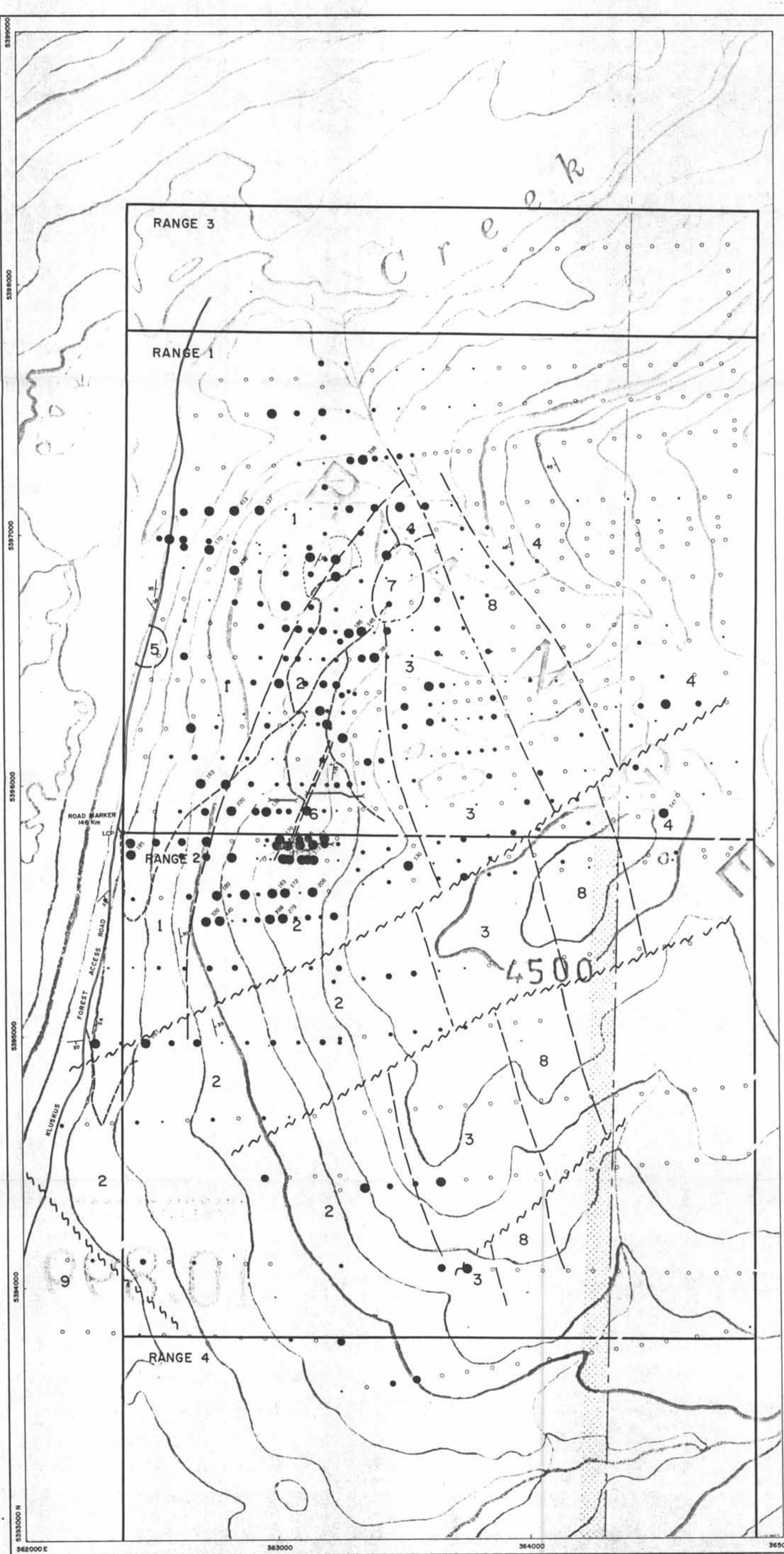


GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899



BP Minerals Limited			
RANGE CLAIMS			
CAPOOSE LAKE PROJECT B.C.			
GOLD (PPB) IN SOIL SAMPLES			
DATE NOV. 1982	PROJECT 534	Pg. 4F	
REPORT NO. NTS 93F/3	SCALE 1: 10000		
TO ACCOMPANY REPORT: BPVR 82-35			



LEGEND

- TERTIARY (?)**
- 9 MAJOR DACITE FLOWS, MINOR MAJOR TUFFS, BASALT
 - 8 QUARTZ-KENOSITE PORPHYRY
 - 7 PORPHYRITIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW Banded RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- 4 RHYOLITE FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)**
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)**
- 2 GYPSUMS, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,899

SOILS

- 66
- 47
- 30
- 22
- 15

250 METERS
RANGE-C, RANGE 1

BP Minerals Limited
RANGE CLAIMS
CAPOOSE LAKE PROJECT B.C.
ARSENIC (PPM) IN SOIL SAMPLES

DATE NOV. 1982	PROJECT 534	FIG 4H
REPORT NO. NTS 93F/3	SCALE 1: 10000	
TO ACCOMPANY REPORT BPVR 82-35		

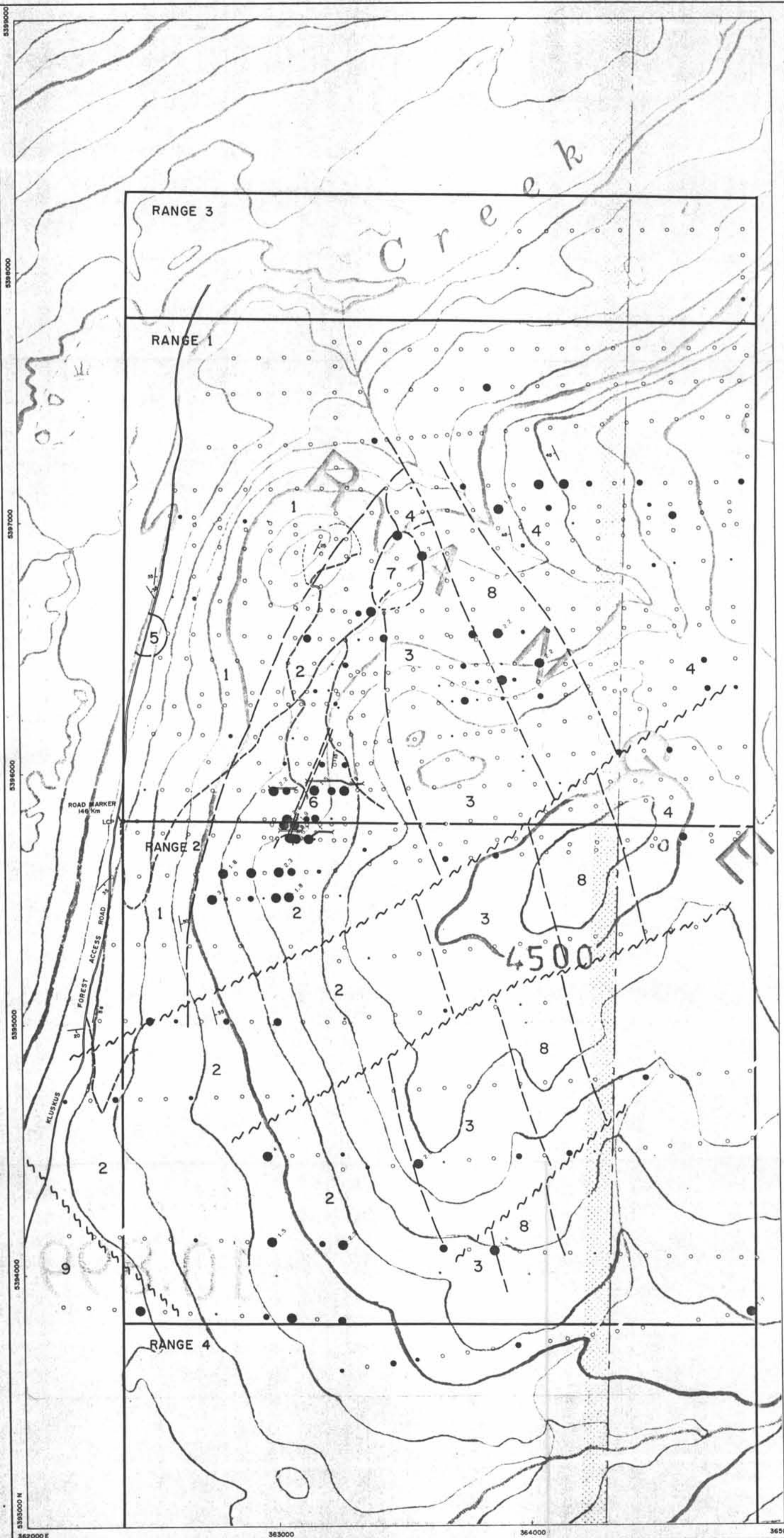
5399000
5398000
5397000
5396000
5395000
5394000
5393000 N
362000 E 363000 364000 365000

RANGE 3
RANGE 1
RANGE 2
RANGE 4

Creek

ROAD MARKER 146 Km
LCP
FOREST ACCESS ROAD
KLUSKUS

4500



LEGEND

- TERTIARY (?)
- 9 PINKISH DACITE FLOWS, MINOR PARCH TUFF, BASALT
 - 8 QUARTZ-PHENOCRITE PORPHYRY
 - 7 PANGRAFFIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW Banded RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY
- OTISIA LAKE GROUP
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHYTE
- LOWER JURASSIC (?)
- HAZELTON GROUP (?)
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)
- HAZELTON GROUP
- 2 GREYWACKE, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899

SOILS

- 1:1
- 1:2
- 1:5
- 1:10
- 1:20

200 METERS

RANGE-C, RANGE-1

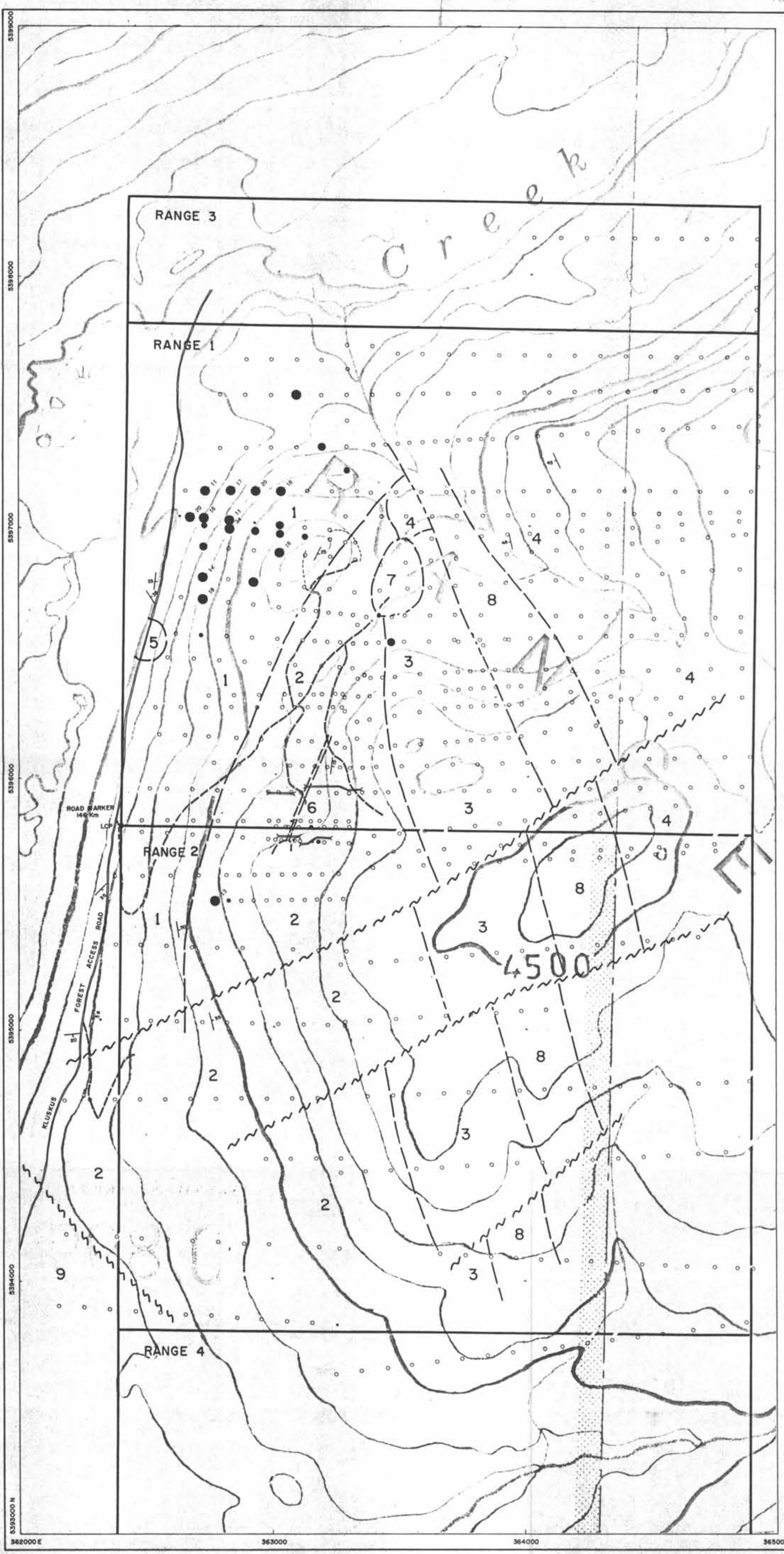
BP Minerals Limited

RANGE CLAIMS

CAPOOSE LAKE PROJECT B.C.

SILVER (PPM) IN SOIL SAMPLES

DATE	NOV. 1982	PROJECT	534	PAGE	4G
REPORT NO.	NTS 93F/3	SCALE	1: 10000		
TO ACCOMPANY REPORT	BPVR 82-35				



LEGEND

- TERTIARY (?)
- 9 PANOR DACTITE FLOWS, MINOR ANDON TUFF? BASALT
 - 8 QUARTZ-PORPHYRY
 - 7 PORPHYRIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLOW BARRIED RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY
- COESA LAKE GROUP
- 4 RHYOLITE-FLOWS, TUFF, MINOR TRACHTITE
- LOWER JURASSIC (?)
- WHEELTON GROUP (?)
- 3 ANDESITE FLOWS, MINOR BRECCIA, DYKES
- LOWER JURASSIC (?)
- WHEELTON GROUP
- 2 GNEISSIC, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899

SOILS

250 METERS

RANGE-C, RANGE 1

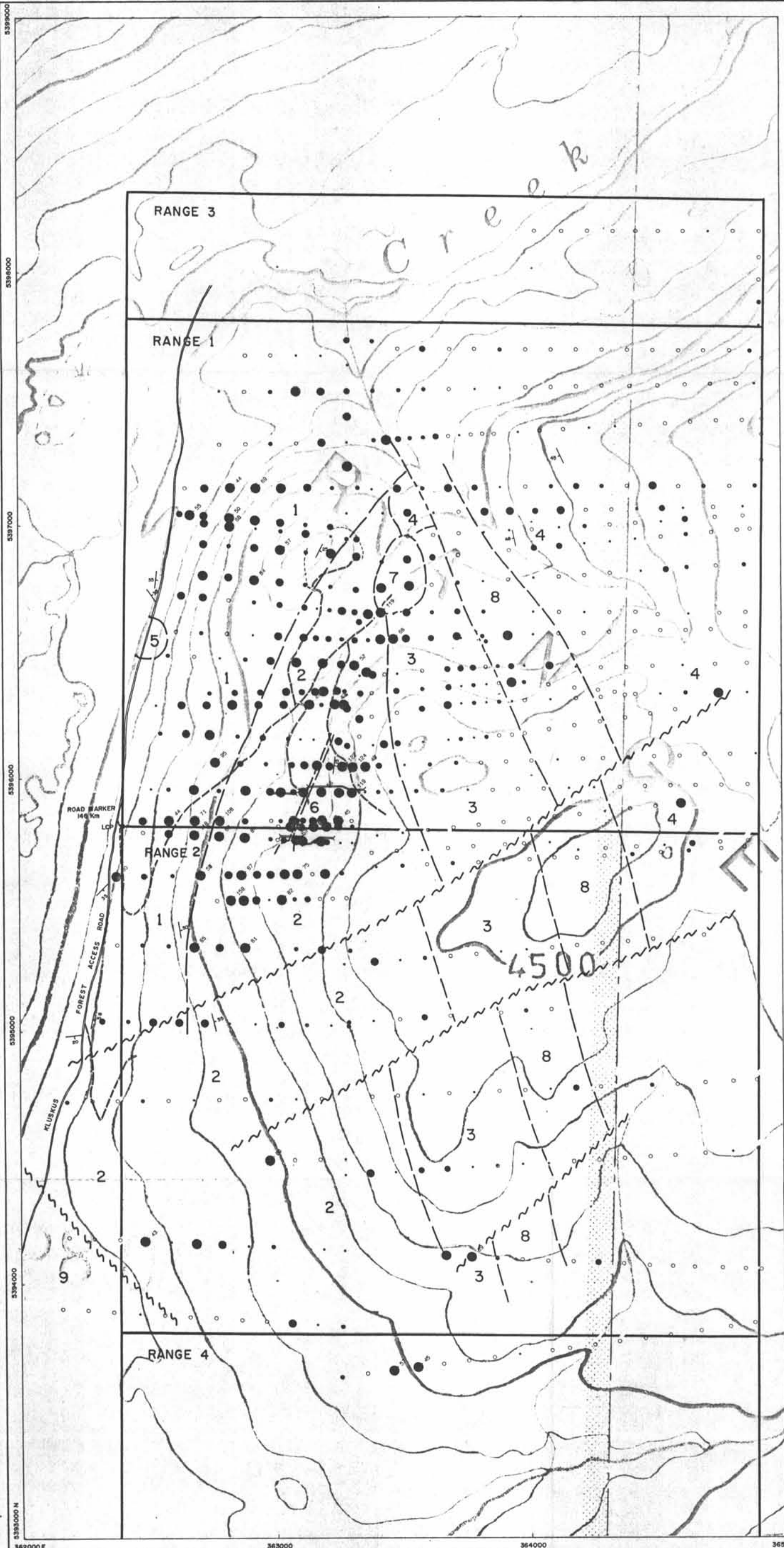
BP Minerals Limited

RANGE CLAIMS

CAPOOSE LAKE PROJECT B.C.

MOLYBDENUM (PPM) IN SOIL SAMPLES

DATE	NOV. 1982	PROJECT	534	PAGE	41
REPORT NO.	NTS 93F/3	SCALE	1: 10000		
TO ACCOMPANY REPORT	BPVR 82-35				

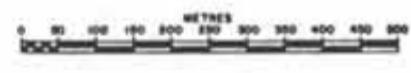


LEGEND

- TERTIARY (T)**
- 9 MUDROCK DACITE FLUGS, MINOR MUDROCK TUFFY BASALT
 - 8 QUARTZ-PORPHYRY PORPHYRY
 - 7 PORPHYRITIC RHYOLITE
 - 6 DACITE, MASSIVE, RELATED BRECCIA
 - 5 FLUX BLENDED RHYOLITE
- UPPER CRETACEOUS OR LOWER TERTIARY**
- 4 RHYOLITE-FLUGS, TUFF, MINOR TRACHTITE
- LOWER JURASSIC (J)**
- 3 ANDESITE FLUGS, MINOR BRECCIA, DYNES
- LOWER JURASSIC (J)**
- 2 GYPSUMS, CONGLOMERATE, BASALTIC TUFF
 - 1 SILTSTONE, ARGILLITE, SANDSTONE

SYMBOLS

- TRENCH
- LOGGING TRAIL
- MAIN ROAD
- FAULT, ASSUMED
- GEOLOGICAL CONTACT
- BEDDING



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,899

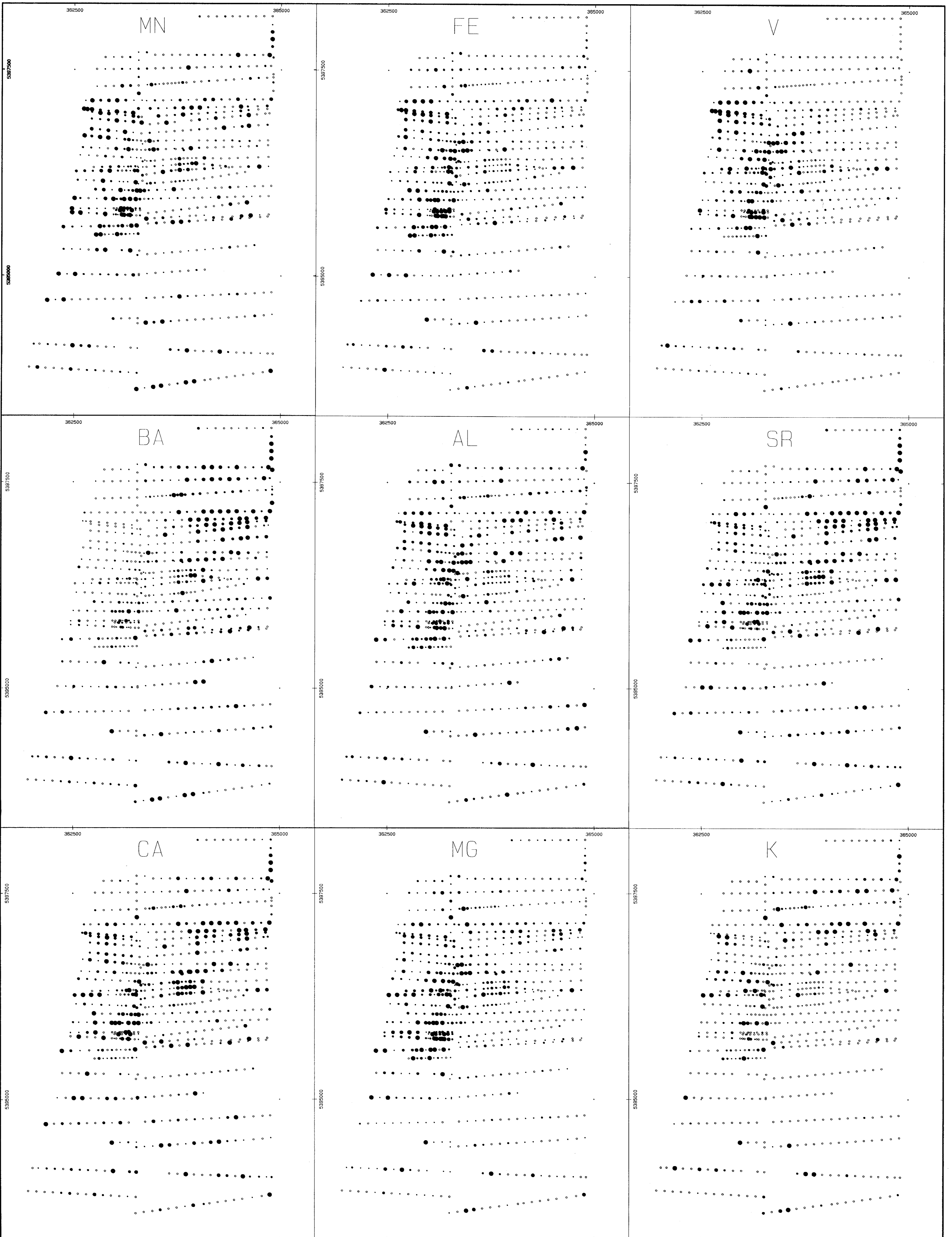
SOILS

- 25
- 15
- 10
- 5
- 0

200 METERS
RANGE-C RANGE 1

BP Minerals Limited
RANGE CLAIMS
CAPOOSE LAKE PROJECT B.C.
NICKEL (PPM) IN SOIL SAMPLES

DATE NOV. 1982	PROJECT 534	FIG 4J
REPORT NO. NTS 83F/3	SCALE 1: 10000	
TO ACCOMPANY REPORT: BPVR 82-35		

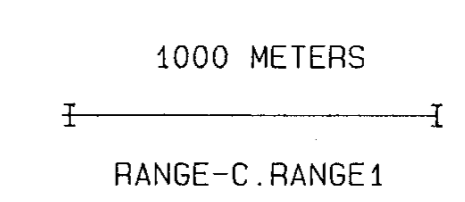


SOILS

	MN ppm	FE %	V ppm	BA ppm	SR ppm	AL %	CA %	MG %	K %	CR ppm
237	2.2	52	71	13	1.4	.21	.2	.06	16	
330	2.7	60	91	17	1.71	.27	.3	.07	18	
543	3.2	66	115	22	2.02	.36	.4	.08	22	
756	3.6	72	184	33	2.33	.47	.5	.09	24	
1053	4.2	78	234	43	2.84	.7	.6	.1	28	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,899



BP Minerals Limited
RANGE CLAIMS
CAPOOSE LAKE PROJECT B.C.
1982 SOIL SURVEY

DWG. NO.	DATE NOV. 1982	PROJECT 534	FIG. 4K
REPORT NO.	NTS 93F/3	SCALE 1: 20000	
TO ACCOMPANY REPORT: BPVR 82-35			