83-#188-#11226

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,226

ASSESSMENT REPORT OF THE
GEOLOGICAL AND GEOCHEMICAL
SURVEY ON THE KI GROUP A CLAIMS

BY BP MINERALS LIMITED

NANAIMO MINING DIVISION
127'46° West Longitude, 50°19' North Latitude
NTS 92L/05W

The KI 1,2 and 3 claims (35 units) are
wholly owned by BP Minerals Limited

Date Submitted:

May 25, 1983.

R. H. Wong
(Geologist, BP Minerals
Limited).

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1) SUMMARY

Work completed on the KI 1-3 claims by BP Minerals Limited during the period July 16 - August 23, 1982 includes geologic mapping at a scale of 1:20,000, bedrock chip sampling, and soil and stream geochemical sampling.

Presence of a favourable reactive host horizon (Parson Bay Formation), evidence for abundant structure, and occurrence of high-level Tertiary intrusions constitute a favourable geologic environment for the development of epithermal gold mineralization. Geochemistry suggests widespread distribution of arsenic-bearing minerals with locally associated gold, silver, copper, mercury, and antimony enrichment.

Further work is warranted and should include detailed soil and rock sampling.

A total of $10,500 has been applied as assessment on the claims, thereby maintaining their good standing until May 27, 1986.

2) INTRODUCTION

This report details work done by BP Minerals Limited on the KI 1-3 claims during the period July 16, to August 23, 1982. A programme of geological mapping and soil,

stream and rock geochemistry was conducted over the claim area.

3) LOCATION AND ACCESS

The claims are located at Klaskino Inlet on the west coast of Vancouver Island. They are centered at 127'46° west longitude and 50°19' north latitude within the Nanaimo Mining Division.

Access is via helicopter from Port Alice; a distance of 26 km.

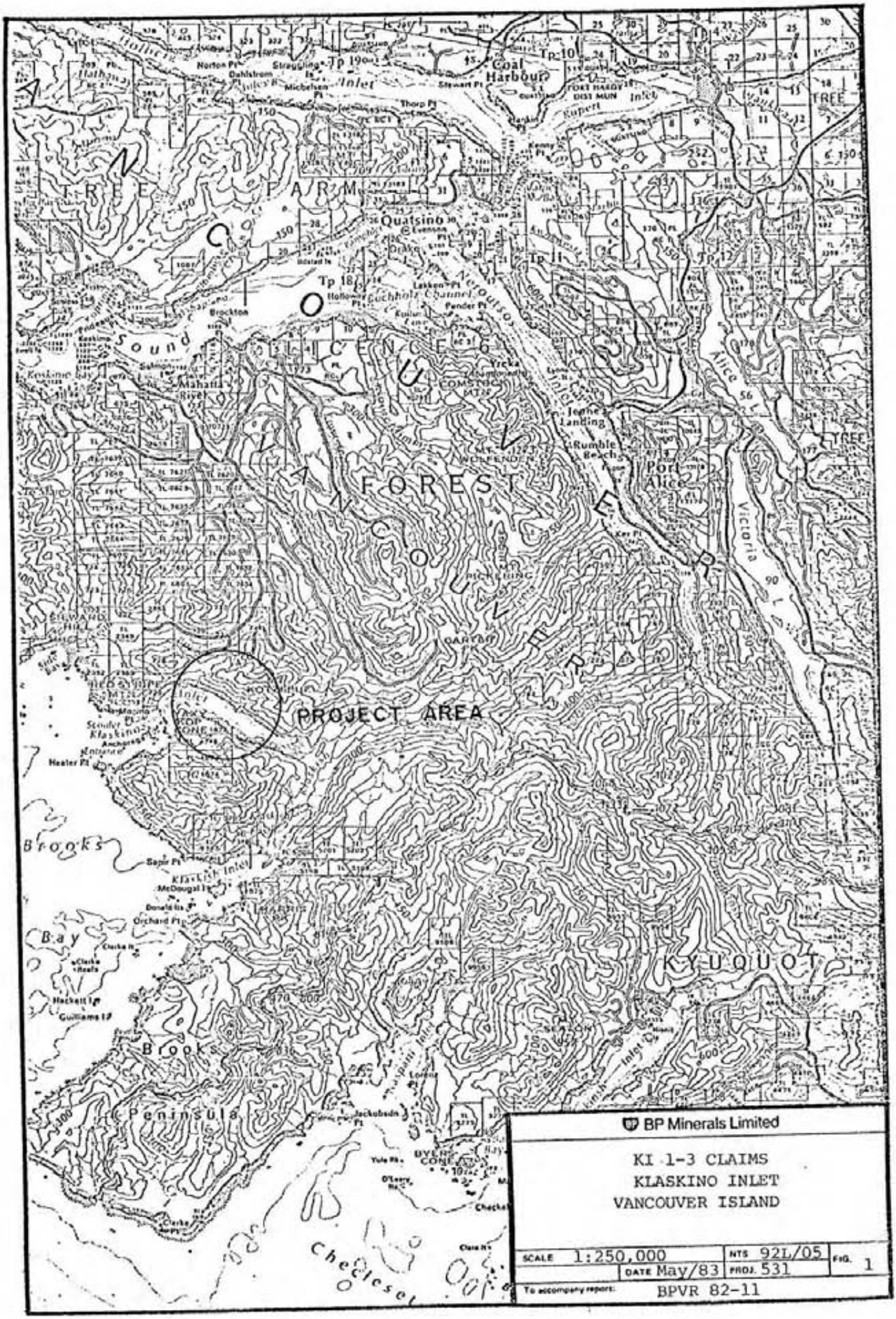
During the main portion of the programme, a four man camp, set up at the eastern end of Klaskino Inlet, served as the base of operations.

4) TOPOGRAPHY

The property is situated on the west coast of Northern Vancouver Island, straddling Klaskino Inlet. Elevations range up to 3000 feet above sea level. Slopes rise steeply north and south from Klaskino Inlet. Away from the coastline, ground traversing is slow and laborious due to a combination of the steepness and the extremely thick underbrush.

5) HISTORY

Previous work in the immediate area was concerned



BP Minerals Limited

KI 1-3 CLAIMS
KLASKINO INLET
VANCOUVER ISLAND

SCALE 1:250,000		NTS 92L/05	FIG. 1
	DATE May/83	PROJ. 531	
To accompany report:	BPVR 82-11		

primarily with evaluation of copper mineralization in weakly-developed skarn. The JARR and KLASKINO claims, located on the north side of Klaskino Inlet, were explored in the early 1970's by Asarco and Brinex, respectively. These claims have ceased to remain in good standing.

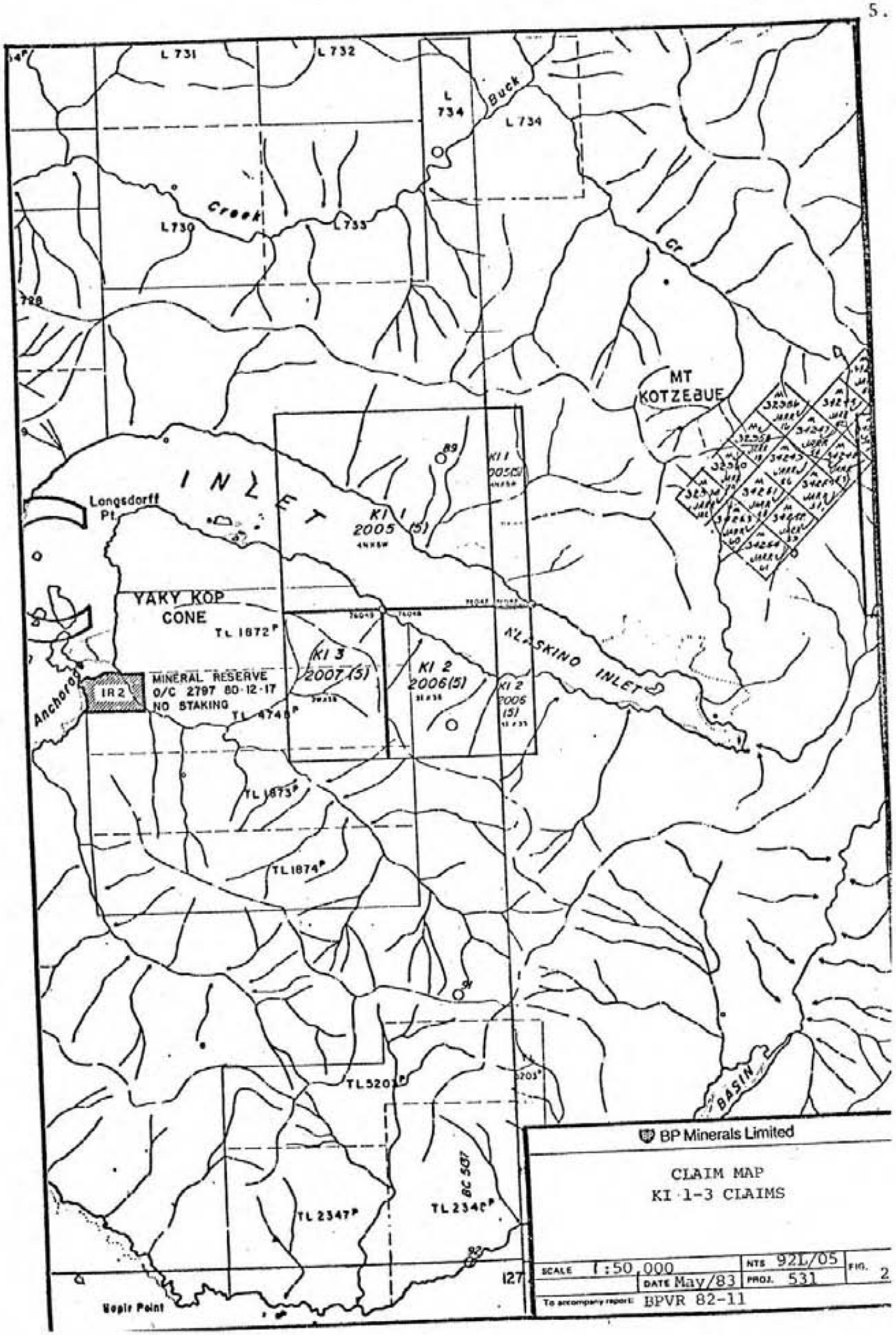
6) CLAIM STATUS

The KI 1-3 claims, comprising 35 units, were staked April 28, 1982 and are wholly owned by BP Minerals Limited. The claims were grouped according to the Minerals Act and a summary of the claim status is as follows:

	CLAIM NAME	RECORD NUMBER	DATE STAKED	DATE RECORDED	NO. OF UNITS	APPLIED ASSESSMENT	NEW EXPIRY DATE
KI Group A	KI 1	2005	Apr/28/82	May/27/82	20	$10,500	May/27/86.
	KI 2	2006	Apr/28/82	May/27/82	9		May/27/86.
	KI 3	2007	Apr/28/82	May/27/82	6		May/27/86.

7. GRID CONTROL AND TOPOGRAPHIC BASE

Topographic control for the geological and geochemical surveys consisted of a 1:20,000 map enlarged from the 1:50,000 topographic sheet for 92L05 (Mahatta Creek). Ground surveys were conducted along topofil-compass lines, topofil - contour lines and along the shore line. Surveyed lines were marked with yellow flagging, while sample sites were marked with blue and yellow flagging.



BP Minerals Limited

CLAIM MAP
KI 1-3 CLAIMS

SCALE 1:50,000		NTS 92L/05	FIG. 2
	DATE May/83	PROJ. 531	
To accompany report: BPVR 82-11			

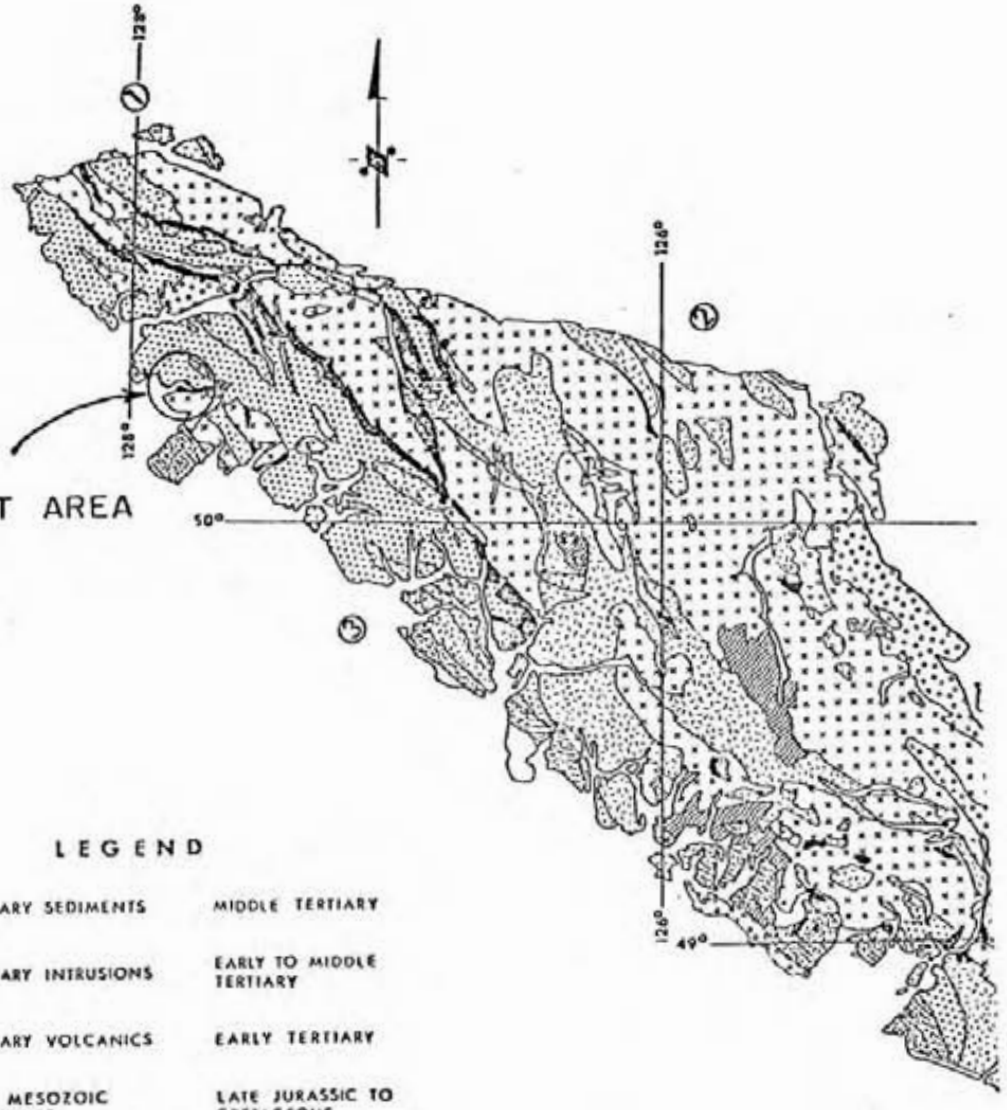
8) REGIONAL GEOLOGY

Regional geology of Northern Vancouver Island is contained in Geological Survey of Canada Map 4-1974 (Alert Bay-Cape Scott, 1:250,000) by J. E. Muller (1968-69) and is discussed in Paper 74-8 by Muller, Northcote and Carlisle (1974).

Northern Vancouver Island is underlain predominantly by a Middle Triassic to Lower Jurassic volcanic-sedimentary sequence known as the Vancouver Group. This complex overlies Pennsylvanian carbonate-clastic sediments of the Sicker Group and older gneissic rocks of the Westcoast Gneiss Complex. All have been intruded by mesozonal and eipzonal plutons of Early Middle Jurassic age (Island Intrusions). Erosion of the entire sequence is followed by deposition on the west of a clastic wedge of Lower Cretaceous sediments, and again on the west by a wedge of Tertiary sediments. Minor plutonism occurred in the early Tertiary, and local volcanism occurred in late Tertiary time. The region is dissected by steep faults with dominant northwest trends which divide and subdivide the crust into numerous tilted blocks.

Table 1 is the table of formations which correlates with the regional geologic map (Figure 3).

The Vancouver Group includes calcareous siltstones of the Parson Bay Formation. These rocks, which locally contain quantities of carbonaceous material and pyrite, are



LEGEND

TERTIARY SEDIMENTS	MIDDLE TERTIARY
TERTIARY INTRUSIONS	EARLY TO MIDDLE TERTIARY
TERTIARY VOLCANICS	EARLY TERTIARY
LATE MESOZOIC SEDIMENTS	LATE JURASSIC TO CRETACEOUS
LEECH RIVER SCHIST	JURA - CRETACEOUS ?
ISLAND INTRUSIONS	JURASSIC
BONANZA SUBGROUP	EARLY JURASSIC
QUATSINO, PARSON BAY FORMATIONS	LATE TRIASSIC
KARMUTSEN FORMATION	TRIASSIC
SICKER GROUP	LATE PALEOZOIC
METAMORPHIC COMPLEX	JURASSIC OR OLDER

MILES
0 20 40

BP Minerals Limited

REGIONAL GEOLOGY

SCALE as shown		NTS 92L05	FIG. 3.
	DATE MAY 83	PROJ. 531	
To accompany report: BPVR 82-11			

PERIOD		STAGES	GROUP OR FORMATION	MAP UNIT	LITHOLOGY	THICKNESS (Feet)
TERTIARY		Miocene?	Tertiary Volcanics, Sediments	Tv Ts	Basaltic to dacitic lava, tuff, breccia; conglomerate conglomerate	1,000
		Not in contact; disconformable?				
		Eocene?	Tertiary Intrusions	Tg	Quartzdiorite	
		Intrusive contact in Alberni map-area				
CRETACEOUS	UPPER	Maestrichtian? Campanian	Nanaimo Group (incl. Suquash Fm.)	uKN	Greywacke, siltstone, shale conglomerate, coal	400
		Disconformable contact?				
		Cenomanian Albian	Queen Charlotte Group	lKQC	Greywacke, conglomerate, siltstone, shale, coal	1,000-3,500
		Disconformable contact				
	LOWER	Barremian Hauterivian Valanginian	Longarm Formation	lKL	Greywacke, conglomerate, siltstone	200-1,300
		Equal age but diverse tectonic setting				
			Pacific Rim Sequence	JKs	Argillite, greywacke? conglomerate	
JURASSIC	MIDDLE	Unconformable contact				
			Island Intrusions	J_g	Quartz diorite, granodiorite, quartz monzonite, quartz-feldspar porphyry	
		Intrusive contact				
	LOWER	Pliensbachian Sinemurian	Vancouver Group (gradational contacts within group)			
			Bonanza Volcanics Harbledown Fm.	lJav JH	Andesitic to rhyodacitic lava, tuff, breccia; greywacke, argillite, tuff	1,000-18,500
TRIASSIC	UPPER	Norian	Parson Bay Fm.	uTRPB	Calcareous siltstone, shale, greywacke, conglomerate, breccia	1,000-2,000
		Karnian	Quatsino Fm.	uTRQ	Limestone	100-2,500
			Karmutsen Fm. includes in upper part Intervolcanic Limestone	muTRK uTRQ2	Basaltic lava, pillow lava, breccia Limestone	10,000-20,000
	Mid.	Ladinian	Sediment - sill unit		Diabase, argillite	2,500
			Disconformable or unconformable contact			
PENNSYL-VANIAN?			Sicker Group	Ps	Limestone, siltstone	700
			← ← ← Migmatic contact?			
		pre-Cretaceous	Westcoast Complex	PMdin	Quartz diorite, agmatite, amphibolite, gneiss	

TABLE I: TABLE FORMATIONS.

thought to be favourable hosts for disseminated gold mineralization.

9) PROPERTY GEOLOGY

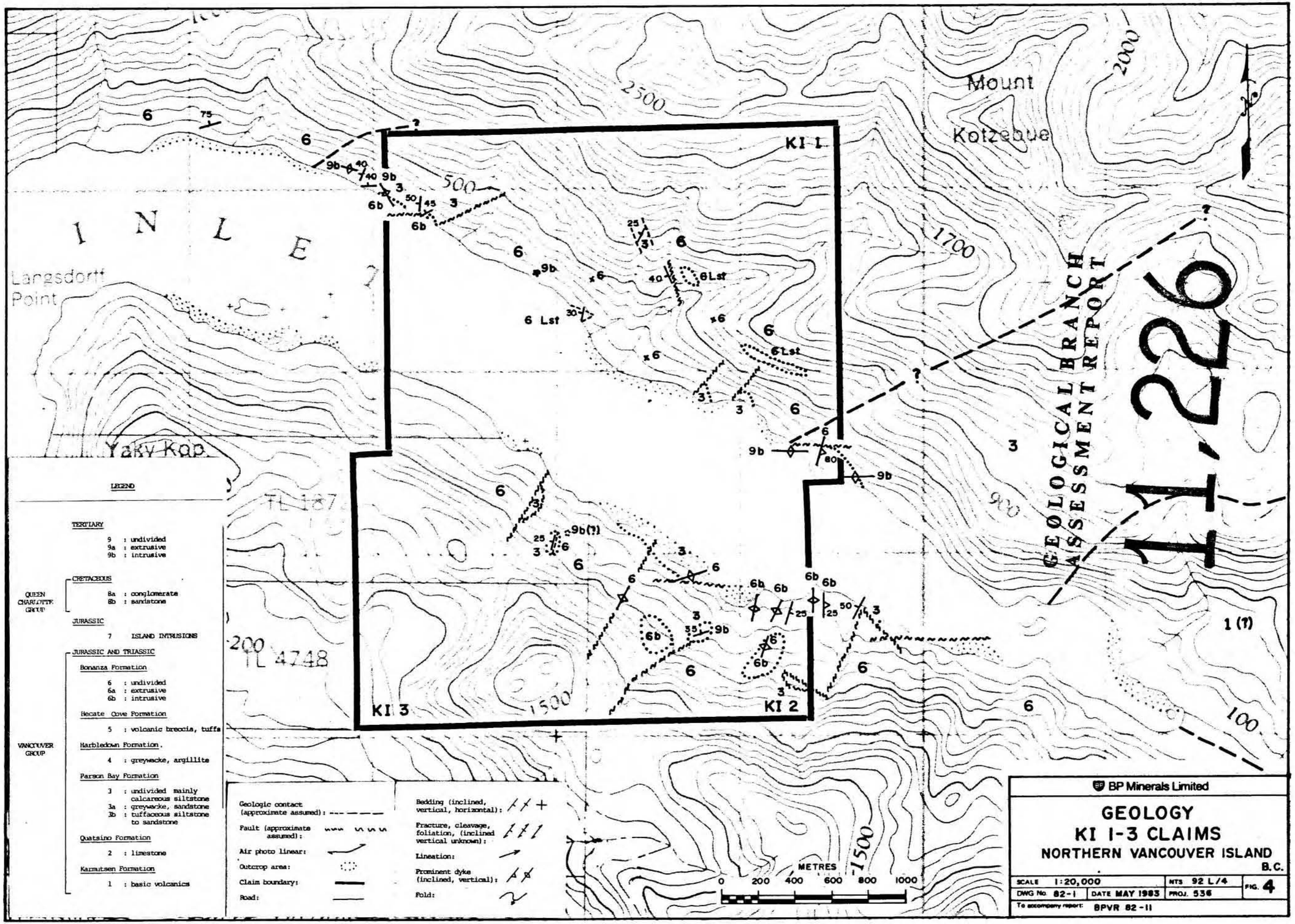
Bedrock is best exposed along the shoreline of Klaskino Inlet. Outcrop also occurs sporadically along the main creeks which drain into the inlet.

Although Muller, et al (1974) have mapped the area as being underlain mainly by calcareous siltstone of the Parson Bay Formation, in truth the geology is much more complex (Figure 4). Volcanic rocks of the Bonanza Formation actually comprise the dominant unit present. They range in composition from andesite to dacite and comprise flows, dykes and sills.

Rocks of the Parson Bay Formation occur primarily as small, fault-bound slices within the volcanics. Typically, the Parson Bay Formation is represented by zones of intensely sheared and carbonate veined rock in which bedding is almost indistinguishable. Tertiary (?) dykes cut all rocks and are predominantly fine-grained, tan-weathering dacites containing traces of pyrite and arsenopyrite.

Dominant orientations of faults, shears, dykes and veins are east-west and northeast-southwest with commonly steep dips.

To the east of the claim area on the north side of


INLET
Langsdorff Point
Yaky Kap
Mount Kotzebue
2500
2000
1700
500
1500
1000
KI 1
KI 2
KI 3
TL 4748
TL 187
LEGEND
TERTIARY
9 : undivided
9a : extrusive
9b : intrusive
QUEEN CHARLOTTE GROUP
CRETACEOUS
8a : conglomerate
8b : sandstone
JURASSIC
7 ISLAND INTRUSIONS
JURASSIC AND TRIASSIC
Bonanza Formation
6 : undivided
6a : extrusive
6b : intrusive
Hecate Cove Formation
5 : volcanic breccia, tuffs
VANCOUVER GROUP
Harbledown Formation.
4 : greywacke, argillite
Parson Bay Formation
3 : undivided mainly calcareous siltstone
3a : greywacke, sandstone
3b : tuffaceous siltstone to sandstone
Quatsino Formation
2 : limestone
Karmutsen Formation
1 : basic volcanics
Geologic contact (approximate assumed):
Fault (approximate assumed):
Air photo linear:
Outcrop area:
Claim boundary:
Road:
Bedding (inclined, vertical, horizontal):
Fracture, cleavage, foliation, (inclined vertical unknown):
Lineation:
Prominent dyke (inclined, vertical):
Fold:
METRES
0 200 400 600 800 1000
BP Minerals Limited
GEOLOGY
KI 1-3 CLAIMS
NORTHERN VANCOUVER ISLAND
B.C.
SCALE 1:20,000
NTS 92 L/4
FIG. 4
DWG No. 82-1
DATE MAY 1983
PROJ. 536
To accompany report: BPVR 82-11
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the inlet, the calcareous rocks display weakly-developed skarn alteration. This alteration, which was the focus of previous exploration efforts, is probably due to the increased occurrence of Bonanza-related dykes and sills of andesite-diorite composition.

10) GEOCHEMISTRY

A) Introduction

A total of 58 soil samples, 28 stream sediment samples, and 44 rock chip samples were collected in the claim area (Figure 5).

The collection of soil samples was a slow and laborious process. Dense underbrush, combined with a root-choked, thick A horizon slowed the collection of soil samples on the north side of Klaskino Inlet greatly. BF-horizon samples were collected along topofil-compass lines with a sample interval of 150 m. Follow-up samples were taken at 50 m intervals.

Rock chip samples were collected primarily to determine if the calcareous rocks hosted disseminated gold mineralization. Samples were also taken along permeable structures and within and adjacent to Tertiary dykes.

All samples were placed in numbered, wet-strength, 8 by 24 cm Kraft paper envelopes and air dried at room temperature.

Samples were submitted to Acme Analytical Laboratories in Vancouver for I.C.P. (Inductively Coupled Plasma) analysis for the following 29 elements at a cost of $5.50/sample:

Mo,Cu,Pb,Zn,Ag,Ni,Co,Mn,Fe,As,U,Au,Th,Cd,Sb,Bi,V,
Ca,P,La,In,Mg,Ba,Ti,B,Al,W,Cr,Nb.

Acme also completed geochemical assay for Au and Hg at an additional cost of $5.25/sample.

Additional charges for each soil, stream and lake sediment sample included $1.00 for pH analysis, $.40 for sample preparation, and $.25 for storage or reject fractions. For rock chips, $2.25 was charged for sample preparation.

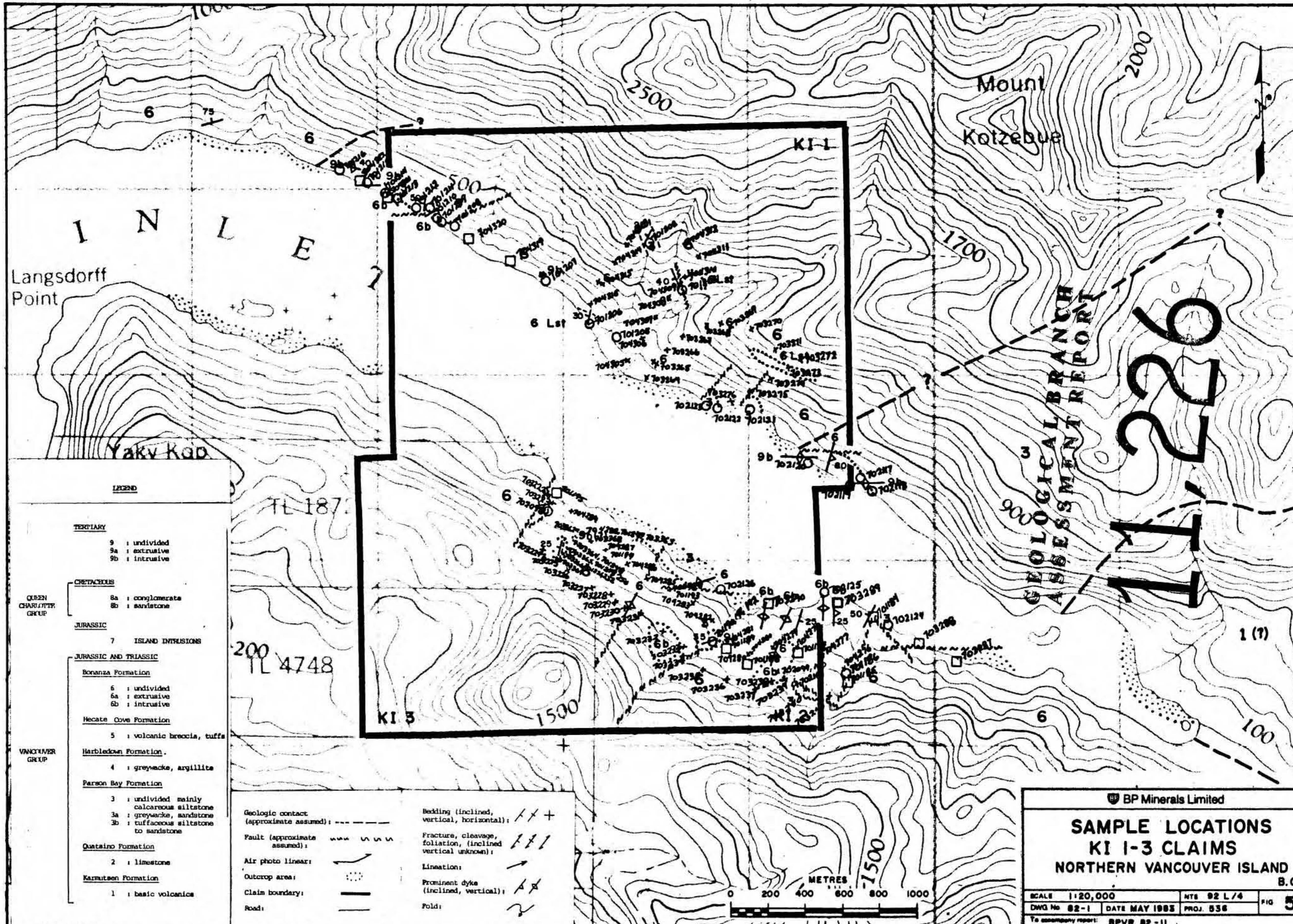
Total cost for each soil and stream sediment sample was $15.40, while total cost for each rock chip sample was $17.25. These costs included an estimated cost of $3.00 per sample to cover data processing (i.e., sample plotting, etc).

B) Analytical Procedure

The methods of analyses performed by Acme Analytical Laboratories are as follows:

SAMPLE PREPARATION

1. Soil samples are dried at 60°C and sieved to -80 mesh.



Mount Kotzebue
2500
2000
1700
KI 1
KI 2
KI 3
I N L E T
Langsdorff Point
Yaky Kop
TL 1873
TL 4748
1500
900
100
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Outcrop area:
Claim boundary:
Road:
Bedding (inclined, vertical, horizontal):
Fracture, cleavage, foliation, (inclined vertical unknown):
Lineation:
Prominent dyke (inclined, vertical):
Fold:
METRES
0 200 400 600 800 1000
BP Minerals Limited
SAMPLE LOCATIONS
KI 1-3 CLAIMS
NORTHERN VANCOUVER ISLAND
B.C.
SCALE 1:20,000
NTS 92 L/4
DWG No 82-1
DATE MAY 1983
PROJ. 536
FIG 5
To accompany report: BPVR 82-11

2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis for Au

10.0 -30.0 gram samples are subjected to Fire assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au is determined in the solution by Atomic Absorption.

Geochemical Analysis of Hg

Digestion

A .50 gram sample is digested with aqua regia and diluted with 20% HCL.

Determination

Hg in the solution is determined by cold vapour AA using F & J Scientific Hg assembly. An aliquot is added to stannous chloride-hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is determined by AA.

Multi Element Analysis by ICP

Digestion of Sample

0.5 gram samples are digested with hot aqua regia for one hour and the sample is diluted to 10 ml. The diluted sample is aspirated into a chamber where it is heated to 5,000 to 10,000 K in an argon plasma generated inductively by a radio frequency generator. The temperature is high enough to cause elements to emit light which is measured.

The ICP method has an extended dynamic range, usually over many orders of magnitude of concentration. Interferences by other elements are electronicallyeliminated.

Interpretation of Results

Standard M-1 is a certified geochem standard used to monitor the results. M-1 has the following analysis.

1.	Mo	:	in ppm	M1	2.	ppm
2.	Cu	:	in ppm	M1	28.	ppm
3.	Pb	:	in ppm	M1	38.	ppm
4.	Zn	:	in ppm	M1	180.	ppm
5.	Ag	:	in ppm	M1	0.3	ppm
6.	Ni	:	in ppm	M1	32.	ppm
7.	Co	:	in ppm	M1	12.	ppm
8.	Mn	:	in ppm	M1	800.	ppm
9.	Fe	:	in %	M1	2.5	%
10.	As	:	in ppm	M1	8.	ppm
11.	U	:	in ppm	M1	3.	ppm
12.	IS	:	Internal Standard.			
13.	Th	:	in ppm	M1	3.	ppm
14.	IS	:	Internal Standard.			
15.	Cd	:	in ppm	M1	2.	ppm
16.	Sb	:	in ppm	M1	3.	ppm
17.	Bi	:	in ppm	M1	2.	ppm
18.	V	:	in ppm	M1	54.	ppm
19.	Ca	:	in %	M1	0.62	%
20.	P	:	in %	M1	0.11	%
21.	La	:	in ppm	M1	8.	ppm
22.	In	:	in ppm	M1	2.	ppm
23.	Mg	:	in %	M1	0.67	%
24.	Ba	:	in %	M1	0.023	%
25.	Ti	:	in %	M1	0.07	%
26.	B	:	in ppm	M1	12.	ppm
27.	Al	:	in %	M1	1.9	%
28.	IS	:	Internal Standard.			
29.	IS	:	Internal Standard.			
30.	W	:	in ppm	M1	1.	ppm

Notes:

1. Zinc over 5000 ppm interferes in W Channel.
2. Iron over 1% interferes on In and Sb channel.

Monitoring of Results:

If analysis of standard M-1 is different than the certification, then compensate (add or subtract) samples appropriately.

Standardization:

Complete set of USGS standards, Canadian Certified Reference Materials and 72 specpure metals from Johnson Matthey.

C) RESULTS

From the I.C.P. analysis, eight elements were more closely monitored because of their common enrichment in epithermal gold systems. These include copper, lead, zinc, silver, gold, arsenic, mercury and antimony. Anomalous levels with respect to sample type for each element were determined from histograms from a regional BP sampling programme in northern Vancouver Island. Anomalous levels are as follows:

	Stream Sediment	Soil	Rock Chip
Copper (ppm)	79	99	122
Lead (ppm)	19	26	17
Zinc (ppm)	188	166	199
Silver (ppm)	.9	1.0	1.3
Gold (ppb)	20	20	20
Arsenic (ppm)	53	39	48
Mercury (ppb)	294	583	343
Antimony (ppm)	7	7	7

Results of the property sampling will be discussed element by element.

Copper - Anomalous levels occur up to 180 ppm in six stream sediments, 236 ppm in six soils, and 426 ppm in two rock chips. The anomalies are generally distributed evenly on both sides of the inlet.

Lead - No anomalies.

Zinc - Anomalous levels occur up to 527 ppm in twelve stream sediments, 547 ppm in four soils, and 2737 ppm in

two rock chips. The relatively uniform distribution of anomalies suggests a lithologic control This is supported by an unmineralized chip sample (701216) of Parson Bay Formation siltstone in the northwest portion of the property yielding 2737 ppm zinc.

Silver - Weakly anomalous silver of up to 1.7 ppm occurs in three widely separated soil samples.

Gold - Anomalous levels occur up to 25 ppb in one stream sediment, 215 ppb in three soils, and 80 ppb in two rock chips. The 215 ppb gold-in-soil anomaly (704288) occurs on the south side of the inlet adjacent to a Tertiary (?) felsite outcrop. A chip sample of this rock (701247) yielded the 80 ppb gold-in-rock anomaly. Detailed soil sample follow-up in this area failed to provide further indication of gold. A gold-in-rock anomaly of 20 ppb was obtained from a chip sample (701203) of well-bedded aquagene tuff on the north side of the inlet. This also yielded highly anomalous arsenic (32,814 ppm) and antimony (299 ppm).

Arsenic - Arsenic enrichment is pronounced over most of the area sampled. Almost all stream sediment and soil samples in the central portion of the claim area on both sides of the inlet are anomalous. Values range up to 431 ppm in stream sediments and 1390 ppm in soils. Four rock chips, containing visible arsenopyrite, yield from 1104-32,814 ppm arsenic. Results of the geochemistry suggest that arsenopyrite is much more prevalent than seen in outcrop.

Mercury - Weakly anomalous levels occur up to 530 ppb in four stream sediments, 960 ppb in three soils,

and 650 ppb in one rock chip. Due to the generally low level of enrichment, these widely separated anomalies are not considered to be significant.

Antimony- Weakly anomalous levels occur up to 10 ppm in three soils, and 12 ppm in one rock chip. The single anomaly of significance (299 ppm in rock chip 701203) is associated with very high arsenic and some gold.

In general, the central portion of the claim area on both sides of the inlet is characterized by widespread enrichment in arsenic, within which are small zones of gold, silver, copper, mercury and antimony enrichment.

11) CONCLUSIONS AND RECOMMENDATIONS

Favourable geology within the claim area includes the presence of reactive host rocks (Parson Bay Formation), evidence for abundant structure, and the occurrence of high-level Tertiary intrusions. Geochemistry suggests widespread distribution of arsenic-bearing minerals with local association of gold, silver, copper, mercury and antimony.

Results of work to date suggest that potential exists for the occurrence of epithermal gold mineralization within the claim area. Further work is warranted and should include detailed soil sampling and rock chip sampling.

References

Jeletzky, J.A. (1976): Mesozoic and Tertiary Rocks of Quatsino Sound, Vancouver Island; Geological Survey of Canada, Bulletin 242.

Muller, J.E., Northcote, K.E., and Carlisle, D. (1974): Geology and Mineral Deposits of Alert Bay-Cape Scott Map-Area, British Columbia; Geological Survey of Canada, Paper 74-8.

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Russell H. Wong of 890 West Pender Street - Suite 700, Vancouver, in the Province of British Columbia, Do Hereby State:

1. That I am a graduate of the University of British Columbia, Vancouver, B.C., where I obtained a B.Sc in Geology in 1975.

2. That I am currently completing an M.Sc. degree in Geology at the University of British Columbia, Vancouver, B.C.

3. That I have been active in mineral exploration since 1973.

4. That I am a member in good standing of the Northwest Mining Association.

5. That I have practised my profession continuously as a staff geologist for BP Minerals Limited, since 1979.

Russell H. Wong

May 25, 1983
Vancouver, B.C.

Russell H. Wong
BP Geologist

APPENDIX II

STATEMENT OF COSTS

STATEMENT OF COSTS

1. BP LABOUR

R. Wong	- Project geologist 8 days @ $200/day	$ 1,600
T. Fitzmaurice	- Geologist 7 days @ $120/day	840
W. Bleaney	- Geologist 8 days @ $105/day	840
M. Renning	- Geological assistant 7 days @ $75/day	525
	Sub Total:	$ 3,805

2. HELICOPTER SUPPORT

Vancouver Island Helicopters - 206B

4.5 hours @ $430/hour - (fuel included). $ 1,935

3. GEOCHEMICAL ANALYSIS

86 soil/stream/lake sediment samples @ $15.40/sample $ 1,324

(29 element ICP analysis, geochemical assay for Au and Hg, pH determination, sample preparation and storage, data processing).

44 rock chip samples @ $16.00/sample $ 704

(29 element ICP analysis, geochemical assay for Au and Hg, sample preparation and storage, data processing).

4. DRAFTING/REPRODUCTION/TYPING: $ 116

.../2

5. SUPPORT COSTS

30 man-days of Food and Accommodation @ $20/man-day	$ 600
10 days of truck rentals (Redhawk - 1 Four Wheel Drive) @ $40/day (including fuel)	400
Miscellaneous consumable equipment and supplies (topofil, flagging, sample bags).	200
Sub Total:	$ 9,084
PAC withdrawal:	$ 1,416
TOTAL:	$10,500

APPENDIX III

ANALYTICAL RESULTS

RECD	TY	YE	PRJ		ID	UTM-E	U	UTM-N	NTS			pH			ROK			SCINT	SLPE	Mo	Cu	Pb	Zn	Ni
100	10	82	531	M	701184	589684		5572679	92L05	1	L	6P	0.0	21.0 24	221				2NE	1	68	7	107	47
101	10	82	531	M	701185	589531		5572406	92L05	2	L	6B	0.0	4 .8 54	221				15NE	1	83	8	123	49
102	10	82	531	M	701187	589262		5572503	92L05	2	L	1B	0.0	41.3 54	221				15NE	1	180	7	138	44
103	10	82	531	M	701187	589262		5572503	92L05	2	L	1B	0.0	41.3 54	221				15NE	1	180	7	138	44
104	10	82	531	M	701189	588882		5572531	92L05	2	L	1B	0.0	41.0 54	221				15N	1	53	6	133	30
105	10	81	531	M	701193	588580		5572816	92L05	2	L	6B	0.0	4 .8 33	221				15N	3	56	7	527	46
106	10	82	531	M	701194	588224		5573027	92L05	2	L	1	0.0	4					15N	2	100	14	210	47
107	10	82	531	M	701195	587963		5573362	92L05	2	L	1B	0.0	41.0 54	221				10N	1	47	12	413	17
108	10	82	531	M	701248	588052		5573092	92L03	4	L	6D	0.0	4 .7					20N	1	34	9	158	23
109	10	82	531	M	701251	587983		5573036	92L05	2	L	6B	0.0	4 .8	311				25N	1	50	10	210	20
110	10	82	531	M	703223	587922		5573307	92L05	2	L	6B	0.0	40050013	311			11	30NE	1	51	9	477	19
111	10	82	531	M	703225	587949		5573011	92L05	4	L	6B	0.0	42 0001	225			11	35NE	1	54	12	209	18
112	10	82	531	M	703228	588243		5572818	92L05	2	L	B	0.0	40 5 1				11	35NE	1	50	11	147	47
113	10	82	531	M	703230	588320		5572740	92L05	2	L	6P	0.0	41 5 1				11	30N	1	73	12	119	35
114	10	82	531	M	703234	588637		5572481	92L05	2	L	6P	0.0	40 5 33	114			11	35N	7	80	11	338	52
115	10	82	531	M	703238	589117		5572350	92L05	2	L	6B	0.0	40 40053	123			11	50NE	1	64	8	208	26
116	10	82	531	M	703287	590110		5572451	92L05	2	L	6B	0.0	40 5 104				11	15NE	1	52	8	70	93
117	10	82	531	M	703288	589902		5572545	92L05	2	1L	6B	0.0	40020053				11	15NW	1	49	7	62	33
118	10	82	531	M	703289	589472		5572773	92L05	1	1L	6P	0.0	40 40104				11	10NE	1	50	7	152	43
119	10	82	531	M	703290	589105		5572768	92L05	2	L	6B	0.0	40 20053				11	5NW	1	58	6	141	29
120	10	82	531	M	704309	588625		5574495	92L05	4	L	9B	0.0	42. 0035					20SE	1	106	8	162	40
121	10	82	531	M	704312	588652		5574710	92L05	1	L	9B	0.0	21.50054		MREBR		13	30 S	1	122	10	231	34
122	10	82	531	M	704319	587700		5574614	92L05	4	L	9B	0.0	20.50023				44	10SW	1	36	7	90	23
123	10	82	531	M	704320	587488		5574744	92L05	4	L		0.0	40.20014	123				45SW	1	52	6	494	52
124	10	82	531	M	704321	587049		5574976	92L05	4	L	9B	0.0	20.20014				14	15SW	2	67	8	433	38
125	10	82	531	M	704322	586905		5575053	92L05	4	L	B	0.0	20.20014				14	30SW	1	72	8	400	46
126	10	82	531	M	704323	588220		5577053	92L05	4	L	9B	0.0	41.50104L	222			L13	25 N	1	65	6	165	25
127	10	82	531	M	704324	588704		5577023	92L05	4	L	9B	0.0	21.00024L	222			L13	20 N	1	58	9	88	36
128	10	82	531	M	704325	588994		5576874	92L05	4	L		0.0	41.0002	222			L13	20NW	1	37	5	94	41
587	50	82	531	M	703222	587896		5573353	92L05	372L		6D	0.0	520 25BMB			DBR	30A	30S	1	59	7	114	13
588	50	82	531	M	703224	587872		5573057	92L05	372L		6D	0.0	715 25BFP			MOBR	30	30NE	1	26	7	42	7
589	50	82	531	M	703226	588011		5572948	92L05	272L		6	0.0	720 25BFP			MOBR	30S	20NE	1	30	7	29	8
590	50	82	531	M	703227	588134		5572848	92L05	272L			0.0	520 25BFP			MOBR	30S	35NE	1	39	9	164	13
591	50	82	531	M	703229	588269		5572771	92L05	272L		6P	0.0	820 30BFP			OBR	0	40NE	3	19	6	20	7
592	50	82	531	M	703231	588408		5572719	92L05	272L		6B	0.0	510 20BFP			OBR	40S	40NE	1	46	8	48	10
593	50	82	531	M	703232	588521		5572617	92L05	272L		6B	0.0	520 25BFP	114		LOBR	10A	40NE	8	39	9	39	16
594	50	82	531	M	703233	588631		5572530	92L05	272L		6B	0.0	7 5 15BFP			MOBR	40A	40NE	2	52	4	125	25
595	50	82	531	M	703235	588741		5572412	92L05	273L		6B	0.0	530 40BFP			MOBR	30A	25E	3	19	7	8	13
596	50	82	531	M	703236	588873		5572356	92L05	272L		6P	0.0	510 20BFP			MOBR		25NE	1	37	7	46	11
597	50	82	531	M	703237	589029		5572301	92L05	272L		6P	0.0	730 40BFP			MOBR	50A	25NE	1	18	7	14	10
598	50	82	531	M	703239	589183		5572358	92L05	272L		6B	0.0	5 5 10BFP			MOBR		25NE	1	34	7	30	10
599	50	82	531	M	703240	589298		5572306	92L05	272L		6B	0.0	5100150FP			DOBR	50A	60NW	6	212	15	224	64
600	50	82	531	M	703241	589424		5572262	92L05	271L		6B	0.0	5 5 10BFP			MOBR		70NE	2	73	7	100	23
601	50	82	531	M	703264	588442		5573991	92L05	591N		2P	0.0	740 50BFP			MOBR		5 W	2	50	6	44	19
602	50	82	531	M	703265	588495		5574064	92L05	491M		2P	0.0	515 20BMB			DBR	25S	10SW	2	28	6	32	16
603	50	82	531	M	703266	588549		5574138	92L05	391L		6B	0.0	720 25BFP			MOBR	20S	20SW	1	34	6	22	41
604	50	82	531	M	703267	588636		5574210	92L05	391L		6B	0.0	7 5 15BFP			MOBR	10S	20SW	1	92	9	36	31
605	50	82	531	M	703268	588765		5574274	92L05	391L		6P	0.0	725 30BFP			MOBR	10S	60SW	1	36	8	18	6
606	50	82	531	M	703269	588897		5574259	92L05	271L		6B	0.0	715 20BMB			PBR	50A	20SW	1	22	4	14	9
607	50	82	531	M	703270	589012		5574250	92L05	271L		6B	0.0	730 35BFP			MOBR	50A	10SW	13	66	13	12	9
608	50	82	531	M	703271	589136		5574141	92L05	371L		6B	0.0	715 20BFP			LOBR	30A	50SW	18	117	9	547	45
609	50	82	531	M	703272	589272		5574090	92L05	371L		6B	0.0	725 30BFP			MOBR	10S	40SW	1	33	6	23	19
610	50	82	531	M	703273	589204		5574044	92L05	371L		6B	0.0	720 30BFP			LOBR	90A	70SW	8	39	8	55	26
611	50	82	531	M	703274	589110		5573982	92L05	391M		6P	0.0	7 5 10BFP			MOBR	20A	40SW	1	86	7	24	27
612	50	82	531	M	703275	589003		5573917	92L05	391L		6B	0.0	7 5 10BFP			MOBR	30S	60SW	1	140	10	34	36

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
100	10	82	531	701184	2.0	1000	6.4	0.1	28	5	19	210	2	0	2	0	2	1	2	134	47	13
101	10	82	531	701185	2.0	1245	6.3	0.1	30	5	22	230	2	0	2	0	2	2	2	119	65	17
102	10	82	531	701187	2.0	1169	6.1	0.1	27	5	23	180	2	0	2	0	2	2	2	137	56	14
103	10	82	531	701187	2.0	1169	6.1	0.1	27	5	23	180	2	0	2	0	2	2	2	137	56	14
104	10	82	531	701189	2.0	1267	5.4	0.1	26	5	93	190	2	0	2	0	2	2	2	119	45	20
105	10	81	531	701193	2.0	1679	4.8	0.1	22	5	46	230	2	0	2	0	2	2	2	95	54	28
106	10	82	531	701194	2.0	1922	7.8	0.1	35	5	213	530	4	0	2	0	2	3	2	100	64	19
107	10	82	531	701195	2.0	1809	6.7	0.1	24	5	431	320	2	0	2	0	2	3	2	101	100	24
108	10	82	531	701248	2.0	1721	4.2	0.1	22	5	53	110	2	2	2	0	2	1	2	89	36	17
109	10	82	531	701251	2.0	1690	5.7	0.1	26	5	80	180	2	2	2	0	2	1	2	124	43	11
110	10	82	531	703223	2.0	1903	7.2	0.1	25	5	236	310	3	0	2	0	2	3	2	94	84	22
111	10	82	531	703225	2.0	2172	6.0	0.1	31	5	87	260	7	0	2	0	2	1	2	129	51	12
112	10	82	531	703228	2.0	1558	6.4	0.1	28	5	96	260	5	0	2	0	2	2	2	115	60	16
113	10	82	531	703230	2.0	1405	6.3	0.1	29	25	140	230	3	0	2	0	2	2	2	95	49	30
114	10	82	531	703234	2.0	1728	5.2	0.1	31	5	46	330	2	0	2	0	2	2	2	88	63	38
115	10	82	531	703238	2.0	1255	6.4	0.1	25	10	24	140	2	0	2	0	2	2	2	132	40	10
116	10	82	531	703287	2.0	905	6.1	0.1	33	5	12	160	2	0	2	0	2	2	2	124	28	16
117	10	82	531	703288	2.0	1518	6.8	0.1	30	5	12	100	2	0	2	0	2	2	2	129	38	12
118	10	82	531	703289	2.0	1228	6.1	0.1	30	5	23	110	2	0	2	0	2	2	2	125	55	14
119	10	82	531	703290	2.0	1375	7.4	0.2	31	5	47	100	2	0	2	0	2	2	2	150	39	11
120	10	82	531	704309	2.0	1197	5.9	0.2	24	10	315	100	2	0	2	0	2	2	2	92	75	17
121	10	82	531	704312	2.0	1875	5.7	0.2	30	5	184	150	2	0	2	0	2	2	2	91	103	18
122	10	82	531	704319	3.0	942	5.4	0.1	18	5	25	50	2	0	2	0	2	2	2	148	35	9
123	10	82	531	704320	4.0	1293	5.4	0.2	24	5	12	80	2	0	2	0	2	3	2	117	31	17
124	10	82	531	704321	4.0	1089	5.1	0.3	19	5	33	170	2	0	2	0	2	2	2	81	66	12
125	10	82	531	704322	2.0	1635	5.5	0.2	26	5	27	100	2	0	2	0	2	2	2	124	107	12
126	10	82	531	704323	5.0	1332	5.6	0.1	22	5	9	260	2	0	2	0	2	2	2	120	35	10
127	10	82	531	704324	3.0	1446	5.8	0.1	25	5	9	50	2	0	2	0	2	2	2	122	75	24
128	10	82	531	704325	3.0	1260	5.7	0.1	26	5	6	30	2	0	2	0	2	1	2	127	77	14
587	50	82	531	703222	2.0	475	5.9	0.1	11	5	74	200	2	0	2	0	2	1	2	125	13	5
588	50	82	531	703224	2.0	382	8.6	0.1	10	5	42	100	8	0	2	0	2	1	2	179	16	4
589	50	82	531	703226	2.0	540	7.8	0.1	12	5	22	280	6	0	2	0	2	2	2	185	10	6
590	50	82	531	703227	2.0	289	8.3	0.1	11	5	46	400	5	0	2	0	2	2	2	165	27	6
591	50	82	531	703229	2.0	87	5.3	0.1	6	5	29	20	3	0	2	0	2	1	2	155	19	4
592	50	82	531	703231	2.0	702	9.1	0.1	16	5	95	300	6	0	2	0	2	2	2	178	35	7
593	50	82	531	703232	2.0	62	3.6	0.2	7	15	22	80	5	0	2	0	2	1	2	144	9	1
594	50	82	531	703233	2.0	761	10.6	0.1	18	5	473	310	10	0	2	0	2	2	2	154	37	3
595	50	82	531	703235	2.0	244	10.4	0.1	10	25	90	100	10	0	2	0	2	2	2	167	4	5
596	50	82	531	703236	2.0	611	7.4	0.1	13	5	37	460	2	0	2	0	2	1	2	145	11	6
597	50	82	531	703237	2.0	827	8.9	0.1	12	5	9	150	5	0	2	0	2	2	2	231	12	8
598	50	82	531	703239	2.0	342	9.0	0.1	15	5	21	80	4	0	2	0	2	2	2	250	9	6
599	50	82	531	703240	2.0	1789	12.5	0.1	55	10	119	330	10	0	2	0	2	2	2	57	34	3
600	50	82	531	703241	4.0	771	5.9	0.1	31	5	42	740	2	0	2	0	2	1	2	104	20	2
601	50	82	531	703264	2.0	530	8.3	0.1	15	5	180	110	2	0	2	0	2	2	2	152	17	12
602	50	82	531	703265	2.0	2698	8.2	0.1	39	5	29	140	2	0	2	0	2	2	2	153	31	20
603	50	82	531	703266	2.0	662	11.3	0.1	18	5	14	150	3	0	2	0	2	2	2	260	7	10
604	50	82	531	703267	2.0	668	9.5	0.1	18	5	74	960	2	0	2	0	2	2	2	170	10	7
605	50	82	531	703268	2.0	576	7.6	0.1	6	5	46	380	2	0	2	0	2	2	2	145	15	6
606	50	82	531	703269	2.0	401	4.0	0.1	9	15	37	40	2	0	2	0	2	1	2	207	8	5
607	50	82	531	703270	2.0	278	9.0	0.1	11	5	35	320	2	0	2	0	2	2	2	198	11	9
608	50	82	531	703271	2.0	1816	5.3	0.8	22	10	385	480	4	0	2	0	2	6	2	509	41	8
609	50	82	531	703272	2.0	244	10.2	0.1	10	15	35	100	2	0	2	0	2	2	2	209	15	9
610	50	82	531	703273	2.0	197	6.3	0.5	11	5	86	140	2	0	2	0	2	1	2	338	22	8
611	50	82	531	703274	2.0	514	8.9	0.1	32	5	7	110	2	0	2	0	2	2	2	188	16	10
612	50	82	531	703275	2.0	832	8.8	0.1	30	10	18	250	2	0	2	0	2	2	2	175	13	10

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
100	10	82	531	701184	0.02	2.83	0.50	1.86	0.02	0.02	6.4	1000	0.10	0.06	2	0	3	52	17	5	13	1
101	10	82	531	701185	0.02	2.78	0.77	2.14	0.02	0.02	6.3	1245	0.08	0.08	2	0	4	49	15	5	14	1
102	10	82	531	701187	0.01	2.50	0.58	1.92	0.02	0.02	6.1	1169	0.13	0.10	2	0	2	52	19	6	14	1
103	10	82	531	701187	0.01	2.50	0.58	1.92	0.02	0.02	6.1	1169	0.13	0.10	2	0	2	52	19	6	14	1
104	10	82	531	701189	0.03	2.50	0.85	1.46	0.03	0.02	5.4	1267	0.13	0.09	2	0	6	38	20	5	15	1
105	10	81	531	701193	0.02	2.14	0.72	1.25	0.02	0.01	4.8	1679	0.10	0.14	4	0	10	39	15	4	15	1
106	10	82	531	701194	0.05	2.90	0.67	0.95	0.02	0.01	7.8	1922	0.07	0.13	7	0	2	44	12	4	28	1
107	10	82	531	701195	0.02	1.83	0.92	0.84	0.03	0.02	6.7	1809	0.05	0.12	7	0	5	20	10	4	28	1
108	10	82	531	701248	0.02	2.58	0.42	0.98	0.03	0.04	4.2	1721	0.10	0.05	4	0	7	29	2	3	8	1
109	10	82	531	701251	0.02	2.71	0.25	1.08	0.02	0.05	5.7	1690	0.12	0.06	3	0	6	28	2	5	8	1
110	10	82	531	703223	0.02	1.86	0.73	0.80	0.03	0.02	7.2	1903	0.04	0.12	9	0	4	31	7	4	31	1
111	10	82	531	703225	0.01	2.50	0.21	0.83	0.02	0.02	6.0	2172	0.12	0.08	2	0	3	30	18	4	16	1
112	10	82	531	703228	0.01	2.41	0.45	1.43	0.02	0.02	6.4	1558	0.08	0.10	3	0	2	69	15	4	22	1
113	10	82	531	703230	0.01	2.19	0.86	1.74	0.05	0.02	6.3	1405	0.15	0.12	7	0	5	40	23	6	26	1
114	10	82	531	703234	0.05	2.71	1.03	1.27	0.01	0.02	5.2	1728	0.07	0.15	5	0	5	45	12	3	19	1
115	10	82	531	703238	0.01	2.58	0.40	1.88	0.02	0.02	6.4	1255	0.14	0.08	2	0	2	39	21	7	16	1
116	10	82	531	703287	0.01	2.76	0.57	2.51	0.03	0.01	6.1	905	0.21	0.06	2	0	3	127	30	7	10	1
117	10	82	531	703288	0.01	2.30	0.45	1.50	0.03	0.03	6.8	1518	0.11	0.09	2	0	2	50	17	5	15	1
118	10	82	531	703289	0.01	2.82	0.60	2.09	0.03	0.01	6.1	1228	0.15	0.11	2	0	4	48	24	7	16	1
119	10	82	531	703290	0.01	2.55	0.59	1.57	0.02	0.01	7.4	1375	0.12	0.15	2	0	2	22	20	5	16	1
120	10	82	531	704309	0.03	2.30	0.92	1.46	0.02	0.03	5.9	1197	0.04	0.10	3	0	6	45	8	3	15	1
121	10	82	531	704312	0.04	2.59	1.17	1.32	0.02	0.02	5.7	1875	0.03	0.08	5	0	9	47	8	3	20	1
122	10	82	531	704319	0.01	2.53	0.57	1.81	0.02	0.01	5.4	942	0.21	0.06	2	0	3	56	31	9	12	1
123	10	82	531	704320	0.02	2.88	0.94	2.71	0.04	0.02	5.4	1293	0.11	0.09	3	0	4	92	19	6	16	1
124	10	82	531	704321	0.03	2.36	0.83	1.46	0.01	0.03	5.1	1089	0.01	0.09	6	0	5	49	4	2	15	1
125	10	82	531	704322	0.01	2.76	0.70	2.44	0.02	0.03	5.5	1635	0.13	0.06	3	0	5	81	21	7	15	1
126	10	82	531	704323	0.01	2.89	0.66	2.52	0.04	0.02	5.6	1332	0.14	0.11	2	0	4	56	21	7	16	1
127	10	82	531	704324	0.07	3.49	1.30	2.09	0.03	0.04	5.8	1446	0.09	0.07	3	0	3	65	16	4	18	1
128	10	82	531	704325	0.02	3.05	0.47	1.96	0.02	0.02	5.7	1260	0.06	0.04	2	0	3	75	11	5	16	1
587	50	82	531	703222	0.07	4.39	0.09	1.14	0.02	0.01	5.9	475	0.14	0.11	2	0	2	30	21	6	19	1
588	50	82	531	703224	0.01	2.37	0.03	0.30	0.01	0.01	8.6	382	0.01	0.05	2	0	2	22	2	3	13	1
589	50	82	531	703226	0.01	2.60	0.05	0.38	0.02	0.01	7.8	540	0.24	0.04	2	0	2	36	31	9	15	1
590	50	82	531	703227	0.02	4.11	0.08	0.47	0.01	0.01	8.3	289	0.26	0.05	4	0	2	48	35	17	21	1
591	50	82	531	703229	0.01	1.50	0.01	0.05	0.01	0.01	5.3	87	0.11	0.02	2	0	2	17	15	3	8	1
592	50	82	531	703231	0.01	2.84	0.06	0.35	0.02	0.01	9.1	702	0.12	0.09	2	0	2	43	14	5	17	1
593	50	82	531	703232	0.01	0.68	0.01	0.03	0.01	0.01	3.6	62	0.05	0.02	2	0	2	10	6	2	6	1
594	50	82	531	703233	0.01	3.44	0.02	0.37	0.01	0.01	10.6	761	0.01	0.10	2	0	2	47	2	5	22	1
595	50	82	531	703235	0.01	1.21	0.11	0.12	0.02	0.01	10.4	244	0.47	0.06	2	0	2	28	59	12	15	1
596	50	82	531	703236	0.01	3.06	0.08	0.43	0.01	0.01	7.4	611	0.17	0.07	2	0	2	67	22	8	18	1
597	50	82	531	703237	0.01	1.54	0.08	0.26	0.03	0.01	8.9	827	0.37	0.08	2	0	2	49	48	10	14	1
598	50	82	531	703239	0.01	1.91	0.11	0.69	0.02	0.01	9.0	342	0.30	0.04	2	0	2	41	39	12	14	1
599	50	82	531	703240	0.05	1.74	0.04	0.33	0.01	0.03	12.5	1789	0.01	0.10	16	0	2	23	2	5	49	1
600	50	82	531	703241	0.07	5.41	0.04	0.57	0.01	0.01	5.9	771	0.01	0.10	6	0	3	57	4	6	24	1
601	50	82	531	703264	0.01	2.14	0.13	0.67	0.02	0.01	8.3	530	0.10	0.22	2	0	2	77	13	4	14	1
602	50	82	531	703265	0.01	1.91	0.64	0.44	0.02	0.01	8.2	2698	0.14	0.07	2	0	2	29	20	4	15	1
603	50	82	531	703266	0.01	2.61	0.13	1.07	0.01	0.01	11.3	662	0.22	0.05	2	0	2	41	26	8	12	1
604	50	82	531	703267	0.02	4.61	0.10	0.89	0.01	0.01	9.5	668	0.14	0.06	2	0	2	74	17	10	15	1
605	50	82	531	703268	0.08	6.30	0.07	0.20	0.01	0.01	7.6	576	0.25	0.14	2	0	18	23	32	18	12	1
606	50	82	531	703269	0.01	1.07	0.11	0.64	0.02	0.02	4.0	401	0.14	0.06	2	0	3	18	18	3	9	1
607	50	82	531	703270	0.06	5.14	0.08	0.19	0.02	0.01	9.0	278	0.43	0.10	2	0	2	15	57	24	19	1
608	50	82	531	703271	0.02	2.55	0.19	0.60	0.02	0.02	5.3	1816	0.01	0.29	8	0	6	112	5	2	21	1
609	50	82	531	703272	0.02	2.32	0.09	0.49	0.01	0.01	10.2	244	0.25	0.04	2	0	2	45	30	9	13	1
610	50	82	531	703273	0.01	2.36	0.10	0.55	0.01	0.01	6.3	197	0.12	0.06	2	0	3	67	16	4	9	1
611	50	82	531	703274	0.01	2.10	0.18	0.35	0.02	0.01	8.9	514	0.21	0.06	2	0	2	42	26	6	12	1
612	50	82	531	703275	0.04	5.94	0.20	0.58	0.02	0.01	8.8	832	0.25	0.07	2	0	2	68	33	13	14	1

RECD	TY	YE	PRJ	ID	UTM-E	U	UTM-N	NTS		pH		ROK		SCINT	SLPE	Mo	Cu	Pb	Zn	Ni
613	50	82	531	M	703276	588886	5573857	92L05	491M	2P	0.0 5 5 10BFP		DRBR	10S	10SW	6	68	8	29	12
614	50	82	531	M	703362	588060	5573160	92L05	372L	6D	0.0 415 20BFP	224	DRBR	35A	25NE	3	41	10	61	5
615	50	82	531	M	703363	588090	5573142	92L05	371L	6D	0.0 510 15BFP	224	LOBR	30S	30NE	2	16	7	105	10
616	50	82	531	M	703364	588048	5573092	92L05	371L	6D	0.0 510 15BFP		MOBR	20S	25NE	3	23	12	172	8
617	50	82	531	M	703365	588012	5573060	92L05	371L	6P	0.0 510 20BFP		LOBR	20S	25NE	2	46	12	62	10
618	50	82	531	M	703366	587977	5573034	92L05	371L	6D	0.0 520 25BFP	311	LOBR	30S	30NE	1	24	7	24	4
619	50	82	531	M	703367	587964	5573000	92L05	371L	6D	0.0 515 20BFP		MOBR	10S	35NE	2	47	12	45	6
620	50	82	531	M	703368	588131	5573102	92L05	371L	6B	0.0 710 20BFP		DRBR	20S	35NE	3	39	16	74	7
621	50	82	531	M	704276	589505	5572411	92L05	372L	9	0.0 540 50BFP		MREBR	5	26NE	2	30	12	15	6
622	50	82	531	M	704277	589364	5572483	92L05	372L	9B	0.0 520 30BGG	221	MREBR	25	30 N	2	56	8	8	5
623	50	82	531	M	704278	589248	5572523	92L05	372L	9B	0.0 550 60BFP	123	MREBR	5	30 N	1	84	11	36	21
624	50	82	531	M	704279	589115	5572527	92L05	272L	9	0.0 420 30BFP		MREBR	5	17 N	3	90	14	156	15
625	50	82	531	M	704280	589000	5572489	92L05	272L	9	0.0 530 40BFP		MREBR	0	5 N	1	53	17	172	13
626	50	82	531	M	704281	588871	5572557	92L05	372L	9	0.0 520 30BFP		MREBR	0	38NE	2	38	10	27	7
627	50	82	531	M	704282	588789	5572672	92L05	372L	9B	0.0 430 40BFP		MREBR	0	30 N	3	32	9	80	4
628	50	82	531	M	704283	588682	5572762	92L05	272L	9B	0.0 420 30BFP		MREBR	0	10NE	2	33	10	34	7
629	50	82	531	M	704284	588565	5572839	92L05	272L	9B	0.0 530 40BFP		MORBR	0	15 N	6	37	10	80	13
630	50	82	531	M	704285	588437	5572900	92L05	272L	9	0.0 450 60BFP		MORBR	0	20 N	2	24	14	107	11
631	50	82	531	M	704286	588331	5572977	92L05	272L	9	0.0 440 50BFP		MREBR	0	20NW	3	66	18	91	15
632	50	82	531	M	704287	588211	5573049	92L05	272L	9	0.0 540 50BFP		MORBR		15NE	3	34	7	39	7
633	50	82	531	M	704288	588090	5573140	92L05	272L	9	0.0 740 50BTL		MBR		15 N	1	12	8	71	7
634	50	82	531	M	704289	588025	5573262	92L05	372L	9	0.0 740 50BTL		LBR		35 N	2	5	10	42	2
635	50	82	531	M	704305	588337	5574083		272E	4	0.0 520 30BFP		MORBR	L 0	2 S	2	44	7	60	21
636	50	82	531	M	704306	588419	5574198	92L05	272L	9	0.0 550 60BFP		MREBR		5 S	1	49	11	27	13
637	50	82	531	M	704307	588492	5574313	92L05	371L	9	0.0 530 40BFP		MREBR		30 S	1	115	11	71	34
638	50	82	531	M	704308	588564	5574420	92L05	372L	9	0.0 540 50BFP		MREBR		35SE	19	128	13	74	14
639	50	82	531	M	704310	588653	5574535	92L05	372L	9	0.0 430 40BFP		MREBR		30 S	3	76	10	35	15
640	50	82	531	M	704311	588725	5574644	92L05	371L	9	0.0 430 40BFP		MORBR	5	40 S	5	206	8	47	12
641	50	82	531	M	704313	588343	5574710	92L05	372L	9	0.0 440 50BFP		MREBR	5	40 S	6	80	9	65	51
642	50	82	531	M	704314	588273	5574608	92L05	271L	9B	0.0 540 50BFP	224		5	20 S	4	41	8	72	23
643	50	82	531	M	704315	588202	5574497	92L05	271L	9	0.0 430 40BFP		MBR		15 S	6	56	12	64	17
644	50	82	531	M	704316	588137	5574387	92L05	271L	9	0.0 530 40BFP		MBR	5	5 S	5	64	8	53	16
807	81	82	531	M	701186	589520	5572370	92L05			0.0	221	BV			1	46	4	21	20
808	81	82	531	M	701190	588806	5572559	92L05			0.0	PBF				1	37	5	28	12
809	81	82	531	M	701191	588806	5572559	92L05			0.0	TER	T DYKE			1	40	2	33	44
810	81	82	531	M	701192	588806	5572559	92L05			0.0	CAR	B VEIN			1	4	4	16	1
811	81	82	531	M	701202	588466	5574721	92L05			0.0	PBF	SILTSTON E			2	21	5	22	17
812	81	82	531	M	701203	588636	5574470	92L05			0.0	BV	TUFF			3	49	4	14	7
813	81	82	531	M	701205	588276	5574213	92L05			0.0	BV	TUFF			1	37	7	44	31
814	81	82	531	M	701206	588139	5574282	92L05			0.0	LIM	ESTONE			1	1	2	1	1
815	81	82	531	M	701207	587895	5574513	92L05			0.0	TER	T DYKE			1	43	6	32	89
816	81	82	531	M	701208	587409	5574804	92L05			0.0	PBF	SSTE			2	21	3	60	15
817	81	82	531	M	701209	587329	5574831	92L05			0.0	PBF				1	14	4	13	11
818	81	82	531	M	701210	587307	5574848	92L05			0.0	PBF	SILICIFI ED			3	10	5	44	15
819	81	82	531	M	701211	587271	5574904	92L05			0.0	PBF	SSTE			4	39	2	196	12
820	81	82	531	M	701212	587203	5574904	92L05			0.0	PBF	SSTE			1	18	4	54	13
821	81	82	531	M	701213	587098	5574953	92L05			0.0	TER	T DYKE			1	14	5	48	6
822	81	82	531	M	701214	587026	5574993	92L05			0.0	PBF	SSTE			1	13	3	22	7
823	81	82	531	M	701215	586929	5575042	92L05			0.0	PBF	SSTE			2	21	3	24	8
824	81	82	531	M	701216	586784	5575114	92L05			0.0	PBF	SSTE			2	24	6	2737	11
825	81	82	531	M	701217	588220	5577047	92L05			0.0	BV	ANDESITE			1	10	3	20	2
826	81	82	531	M	701218	588351	5577128	92L05			0.0	BV	ANDESITE			1	6	4	24	2
~~827~~	~~81~~	~~82~~	~~531~~	~~M~~	~~701220~~	~~588509~~	~~5577107~~	~~92L05~~			~~0.0~~	~~JUR~~	~~DYKE~~			~~1~~	~~10~~	~~1~~	~~8~~	~~2~~
~~828~~	~~81~~	~~82~~	~~531~~	~~M~~	~~701221~~	~~588711~~	~~5577020~~	~~92L05~~			~~0.0~~	~~BV~~	~~ANDESITE~~			~~1~~	~~2~~	~~6~~	~~11~~	~~19~~
~~829~~	~~81~~	~~82~~	~~531~~	~~M~~	~~701222~~	~~588951~~	~~5577500~~	~~92L05~~			~~0.0~~	~~BV~~	~~ANDESITE~~			~~1~~	~~18~~	~~5~~	~~103~~	~~91~~
~~830~~	~~81~~	~~82~~	~~531~~	~~M~~	~~701223~~	~~587702~~	~~5576198~~	~~92L05~~			~~0.0~~	~~BV~~	~~TUFF~~			~~1~~	~~98~~	~~5~~	~~910~~	~~25~~
831	81	82	531	M	701247	588088	5573141	92L03			0.0	FEL	SITE			1	45	9	1085	10

RECO	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
G13	50	82	531	703276	2.0	401	15.7	0.5	9	20	68	80	5	0	2	0	2	2	2	245	10	7
G14	50	82	531	703362	3.0	189	10.5	0.1	6	5	714	500	2	2	2	0	2	1	2	212	9	5
G15	50	82	531	703363	4.0	244	6.7	0.3	6	5	462	180	2	2	2	0	2	1	2	130	13	6
G16	50	82	531	703364	3.0	319	9.3	0.2	12	5	138	240	2	2	2	0	2	1	2	197	24	7
G17	50	82	531	703365	4.0	799	7.3	0.4	17	5	54	380	2	2	2	0	2	1	2	134	21	7
G18	50	82	531	703366	3.0	1492	7.2	0.3	11	5	17	150	2	2	2	0	2	1	2	238	17	5
G19	50	82	531	703367	4.0	2986	9.3	0.2	52	5	44	400	2	2	2	0	2	1	2	205	13	9
G20	50	82	531	703368	4.0	1046	6.3	1.6	15	5	1390	560	2	2	2	0	2	1	2	91	13	12
G21	50	82	531	704276	2.0	147	11.3	0.5	7	5	13	150	5	0	2	0	2	2	2	232	8	3
G22	50	82	531	704277	2.0	124	10.0	0.1	6	5	8	80	4	0	2	0	2	2	2	320	6	5
G23	50	82	531	704278	5.0	344	6.9	0.1	14	5	35	420	2	0	2	0	2	2	2	154	8	5
G24	50	82	531	704279	3.0	963	10.0	0.3	24	10	115	470	3	0	2	0	2	2	2	144	12	3
G25	50	82	531	704280	3.0	616	6.5	0.2	22	5	20	220	2	0	2	0	2	2	2	146	22	3
G26	50	82	531	704281	2.0	136	9.3	0.7	6	5	60	200	2	0	2	0	2	2	2	216	12	3
G27	50	82	531	704282	2.0	343	10.3	0.3	10	5	260	90	2	0	2	0	2	2	2	204	33	4
G28	50	82	531	704283	2.0	186	8.9	0.5	7	5	123	160	2	0	2	0	2	2	2	226	9	3
G29	50	82	531	704284	4.0	180	7.3	1.7	6	5	61	280	2	0	2	0	2	2	2	185	12	3
G30	50	82	531	704285	5.0	622	6.0	0.7	50	15	1625	200	2	0	2	0	2	2	2	125	39	31
G31	50	82	531	704286	5.0	566	8.5	0.3	11	5	92	200	2	0	2	0	2	2	2	153	20	4
G32	50	82	531	704287	2.0	207	6.9	0.4	5	5	18	130	2	0	2	0	2	1	2	132	13	3
G33	50	82	531	704288	2.0	183	5.6	0.3	4	215	412	180	2	0	2	0	2	1	2	118	13	4
G34	50	82	531	704289	2.0	130	5.8	0.1	5	5	156	20	2	0	2	0	2	1	2	200	22	6
G35	50	82	531	704305	4.0	1126	7.1	0.2	27	5	151	120	2	0	2	0	2	2	2	131	22	7
G36	50	82	531	704306	6.0	222	7.3	0.1	7	5	46	230	2	0	2	0	2	2	2	135	13	3
G37	50	82	531	704307	4.0	475	5.0	0.2	21	5	56	660	2	0	2	0	2	1	2	90	37	6
G38	50	82	531	704308	4.0	717	9.4	0.6	45	5	281	240	2	0	2	0	2	2	2	149	23	6
G39	50	82	531	704310	7.0	185	6.5	0.3	6	5	381	240	2	0	2	0	2	2	2	119	10	3
G40	50	82	531	704311	3.0	1353	13.4	1.6	86	10	137	240	2	0	2	0	2	2	2	173	17	4
G41	50	82	531	704313	6.0	242	5.1	0.4	12	5	44	220	2	0	2	0	2	1	2	181	26	6
G42	50	82	531	704314	3.0	174	4.7	0.5	7	10	180	110	2	0	2	0	2	1	2	121	27	3
G43	50	82	531	704315	2.0	247	7.9	0.7	7	10	461	180	2	0	2	0	2	2	2	157	10	3
G44	50	82	531	704316	2.0	963	6.0	0.9	16	5	326	280	2	0	2	0	2	1	2	118	13	3
807	81	82	531	701186	2.0	1434	4.1	0.2	16	5	2	15	2	0	2	0	2	1	3	32	21	57
808	81	82	531	701190	2.0	499	2.8	0.3	7	5	1799	120	8	0	2	0	2	1	3	31	41	76
809	81	82	531	701191	2.0	810	4.0	0.1	22	5	1104	65	7	0	2	0	2	1	3	42	34	48
810	81	82	531	701192	2.0	1020	2.0	0.3	1	10	2616	100	12	0	2	0	2	1	4	8	23	138
811	81	82	531	701202	2.0	343	1.1	0.3	3	5	12	20	2	0	2	0	2	1	5	55	25	426
812	81	82	531	701203	3.0	663	4.7	0.5	4	20	32814	200	299	0	4	0	2	2	5	10	5	84
813	81	82	531	701205	2.0	551	4.6	0.1	19	5	112	20	2	0	2	0	2	1	3	93	13	22
814	81	82	531	701206	2.0	519	0.2	0.3	1	5	10	30	2	0	2	0	2	1	5	2	3	102
815	81	82	531	701207	3.0	1113	5.2	0.1	25	5	67	40	2	0	2	0	2	1	3	97	30	94
816	81	82	531	701208	2.0	508	1.1	0.2	4	5	35	20	2	0	2	0	2	1	4	37	24	202
817	81	82	531	701209	2.0	421	1.1	0.3	3	5	11	10	2	0	2	0	2	1	5	28	16	298
818	81	82	531	701210	2.0	282	1.6	0.1	4	5	24	20	2	0	2	0	2	1	2	53	70	150
819	81	82	531	701211	2.0	122	2.2	0.3	4	5	5	30	2	0	2	0	2	1	3	63	42	70
820	81	82	531	701212	2.0	465	1.2	0.3	4	5	18	15	2	0	2	0	2	1	4	32	26	449
821	81	82	531	701213	4.0	1067	6.0	0.1	14	5	25	20	2	0	2	0	2	1	3	125	32	73
822	81	82	531	701214	2.0	451	1.1	0.3	3	5	6	30	2	0	2	0	2	1	4	25	35	352
823	81	82	531	701215	2.0	406	1.4	0.4	4	5	9	30	2	0	2	0	2	1	4	28	39	374
824	81	82	531	701216	2.0	728	2.2	0.4	5	5	8	220	2	0	2	0	2	7	3	46	29	110
825	81	82	531	701217	2.0	400	4.3	0.1	12	5	2	5	2	0	2	0	2	1	3	26	29	7
826	81	82	531	701218	2.0	381	4.4	0.1	5	5	2	5	2	0	2	0	2	1	4	8	25	4
~~827~~	~~81~~	~~82~~	~~531~~	~~701220~~	~~2.0~~	~~140~~	~~1.5~~	~~0.1~~	~~2~~	~~5~~	~~2~~	~~5~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~7~~	~~92~~	~~3~~
~~828~~	~~81~~	~~82~~	~~531~~	~~701221~~	~~2.0~~	~~584~~	~~5.9~~	~~0.1~~	~~19~~	~~10~~	~~88~~	~~10~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~101~~	~~11~~	~~3~~
~~829~~	~~81~~	~~82~~	~~531~~	~~701222~~	~~5.0~~	~~1115~~	~~5.4~~	~~0.1~~	~~28~~	~~5~~	~~9~~	~~5~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~2~~	~~99~~	~~10~~	~~18~~
~~830~~	~~81~~	~~82~~	~~531~~	~~701223~~	~~2.0~~	~~2441~~	~~4.0~~	~~0.2~~	~~22~~	~~5~~	~~9~~	~~6800~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~2~~	~~2~~	~~121~~	~~87~~	~~89~~
831	81	82	531	701247	4.0	1515	7.3	0.2	35	80	40	130	2	2	2	0	2	3	2	174	23	38

RECD	TY	YE	PRJ	ID	SiO2%	Al%	Ca%	Mg%	Na%	K%	Fe%	Mn	Ti%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
G13	50	82	531	703276	0.01	1.78	0.06	0.16	0.01	0.01	15.7	401	0.32	0.07	2	0	2	76	28	14	20	1
G14	50	82	531	703362	0.01	7.53	0.05	0.17	0.02	0.01	10.5	189	0.35	0.06	5	0	2	37	2	26	16	1
G15	50	82	531	703363	0.01	2.60	0.08	0.59	0.02	0.02	6.7	244	0.19	0.04	3	0	3	31	2	6	5	1
G16	50	82	531	703364	0.02	3.72	0.14	0.31	0.02	0.02	9.3	319	0.06	0.05	5	0	2	25	2	4	10	1
G17	50	82	531	703365	0.02	6.23	0.06	0.37	0.02	0.02	7.3	799	0.16	0.07	4	0	2	55	2	10	11	1
G18	50	82	531	703366	0.01	1.79	0.07	0.34	0.02	0.02	7.2	1492	0.09	0.07	4	0	2	20	2	3	5	1
G19	50	82	531	703367	0.02	4.63	0.11	0.31	0.03	0.02	9.3	2986	0.20	0.07	5	0	2	22	2	6	8	1
G20	50	82	531	703368	0.07	5.17	0.16	0.19	0.02	0.03	6.3	1046	0.07	0.12	7	0	4	28	2	4	15	1
G21	50	82	531	704276	0.01	2.75	0.06	0.19	0.01	0.01	11.3	147	0.31	0.04	2	0	2	53	37	10	17	1
G22	50	82	531	704277	0.01	1.61	0.07	0.19	0.02	0.01	10.0	124	0.50	0.03	2	0	2	33	63	11	14	1
G23	50	82	531	704278	0.09	5.55	0.10	0.69	0.01	0.01	6.9	344	0.35	0.04	2	0	2	79	48	18	18	1
G24	50	82	531	704279	0.02	3.04	0.12	0.25	0.01	0.01	10.0	963	0.14	0.06	3	0	2	54	17	7	30	1
G25	50	82	531	704280	0.07	5.01	0.06	0.72	0.01	0.01	6.5	616	0.15	0.05	2	0	3	45	23	10	25	1
G26	50	82	531	704281	0.01	3.69	0.05	0.23	0.01	0.01	9.3	136	0.23	0.04	2	0	2	50	30	15	17	1
G27	50	82	531	704282	0.01	2.72	0.04	0.37	0.01	0.01	10.3	343	0.15	0.06	2	0	2	14	21	7	22	1
G28	50	82	531	704283	0.01	3.36	0.04	0.20	0.01	0.01	8.9	186	0.29	0.04	2	0	2	49	39	13	17	1
G29	50	82	531	704284	0.04	4.23	0.05	0.28	0.01	0.01	7.3	180	0.19	0.05	2	0	2	53	26	11	19	1
G30	50	82	531	704285	0.03	5.19	1.15	0.24	0.01	0.01	6.0	622	0.23	0.05	4	0	4	28	33	9	34	1
G31	50	82	531	704286	0.06	4.32	0.03	0.43	0.01	0.01	8.5	566	0.23	0.06	2	0	3	74	30	11	20	1
G32	50	82	531	704287	0.01	1.79	0.01	0.08	0.01	0.01	6.9	207	0.06	0.05	2	0	3	19	8	3	13	1
G33	50	82	531	704288	0.01	2.08	0.04	0.36	0.01	0.01	5.6	183	0.21	0.04	2	0	4	26	29	6	11	1
G34	50	82	531	704289	0.01	2.03	0.11	0.32	0.02	0.01	5.8	130	0.32	0.02	2	0	2	10	44	9	11	1
G35	50	82	531	704305	0.01	2.64	0.13	1.14	0.02	0.01	7.1	1126	0.08	0.04	2	0	4	59	12	4	14	1
G36	50	82	531	704306	0.03	6.87	0.06	0.46	0.01	0.01	7.3	222	0.16	0.05	2	0	2	108	23	16	18	1
G37	50	82	531	704307	0.02	5.93	0.07	1.03	0.01	0.01	5.0	475	0.10	0.07	2	0	4	74	14	11	25	1
G38	50	82	531	704308	0.03	4.68	0.16	0.40	0.01	0.01	9.4	717	0.13	0.06	3	0	2	69	19	9	24	1
G39	50	82	531	704310	0.08	5.72	0.04	0.24	0.01	0.01	6.5	185	0.19	0.04	4	0	2	74	27	17	18	1
G40	50	82	531	704311	0.01	3.47	0.09	0.14	0.02	0.01	13.4	1353	0.17	0.10	8	0	2	48	15	8	27	1
G41	50	82	531	704313	0.04	4.87	0.04	0.77	0.01	0.01	5.1	242	0.09	0.21	5	0	3	67	17	6	30	1
G42	50	82	531	704314	0.03	2.95	0.02	0.35	0.01	0.01	4.7	174	0.06	0.03	4	0	3	45	10	4	13	1
G43	50	82	531	704315	0.01	2.70	0.02	0.24	0.01	0.01	7.9	247	0.07	0.04	2	0	2	78	11	4	16	1
G44	50	82	531	704316	0.03	3.10	0.05	0.38	0.01	0.01	6.0	963	0.06	0.08	6	0	4	64	10	3	16	1
807	81	82	531	701186	0.03	0.42	3.22	2.12	0.02	0.06	4.1	1434	0.01	0.04	2	0	6	1	2	3	29	1
808	81	82	531	701190	0.01	0.81	7.84	1.73	0.01	0.09	2.8	499	0.01	0.04	2	0	8	8	3	2	27	1
809	81	82	531	701191	0.01	0.79	5.42	1.72	0.02	0.15	4.0	810	0.01	0.07	3	0	10	42	9	3	31	1
810	81	82	531	701192	0.01	0.12	4.79	1.47	0.01	0.03	2.0	1020	0.01	0.04	2	0	2	1	2	2	33	1
811	81	82	531	701202	0.01	0.58	4.46	0.40	0.04	0.03	1.1	343	0.03	0.18	4	0	2	14	2	3	35	1
812	81	82	531	701203	0.01	1.42	0.47	0.65	0.01	0.06	4.7	663	0.01	0.01	2	0	5	1	2	3	35	1
813	81	82	531	701205	0.02	2.67	1.49	1.78	0.08	0.06	4.6	551	0.14	0.20	3	0	8	37	34	7	30	1
814	81	82	531	701206	0.01	0.04	27.40	0.11	0.01	0.01	0.2	519	0.01	0.01	2	0	2	1	2	2	37	1
815	81	82	531	701207	0.01	2.31	4.07	3.68	0.05	0.07	5.2	1113	0.01	0.06	2	0	9	135	11	3	28	1
816	81	82	531	701208	0.01	0.61	5.15	0.28	0.04	0.05	1.1	508	0.04	0.06	3	0	2	20	2	3	29	1
817	81	82	531	701209	0.01	0.75	4.35	0.67	0.05	0.06	1.1	421	0.03	0.06	2	0	3	11	2	3	31	1
818	81	82	531	701210	0.01	3.21	2.25	1.83	0.32	0.28	1.6	282	0.09	0.11	2	0	4	19	23	4	23	1
819	81	82	531	701211	0.02	1.60	1.36	0.98	0.07	0.14	2.2	122	0.06	0.27	2	0	6	23	23	3	25	1
820	81	82	531	701212	0.01	0.88	3.58	0.59	0.03	0.06	1.2	465	0.02	0.04	3	0	2	12	2	3	33	1
821	81	82	531	701213	0.02	2.30	3.94	1.80	0.04	0.15	6.0	1067	0.01	0.12	4	0	11	10	11	4	34	1
822	81	82	531	701214	0.01	0.77	4.36	0.59	0.04	0.05	1.1	451	0.02	0.02	2	0	2	7	2	2	32	1
823	81	82	531	701215	0.01	0.76	1.68	0.56	0.04	0.08	1.4	406	0.01	0.04	3	0	4	11	2	2	31	1
824	81	82	531	701216	0.01	1.45	3.06	0.95	0.07	0.06	2.2	728	0.04	0.04	2	0	4	18	2	3	28	1
825	81	82	531	701217	0.03	2.27	0.94	1.26	0.03	0.18	4.3	400	0.01	0.16	5	0	5	1	17	3	32	1
826	81	82	531	701218	0.03	1.98	0.52	1.00	0.03	0.13	4.4	381	0.01	0.17	7	0	7	1	16	4	37	1
~~827~~	~~81~~	~~82~~	~~531~~	~~701220~~	~~0.02~~	~~0.04~~	~~0.41~~	~~0.86~~	~~0.03~~	~~0.22~~	~~1.5~~	~~148~~	~~0.01~~	~~0.09~~	~~8~~	~~0~~	~~4~~	~~1~~	~~15~~	~~2~~	~~26~~	~~1~~
~~828~~	~~81~~	~~82~~	~~531~~	~~701221~~	~~0.04~~	~~3.77~~	~~3.41~~	~~2.20~~	~~0.01~~	~~0.12~~	~~6.9~~	~~884~~	~~0.01~~	~~0.11~~	~~2~~	~~0~~	~~4~~	~~23~~	~~11~~	~~3~~	~~29~~	~~1~~
~~829~~	~~81~~	~~82~~	~~531~~	~~701222~~	~~0.03~~	~~8.18~~	~~2.85~~	~~2.75~~	~~0.03~~	~~0.04~~	~~5.4~~	~~1115~~	~~0.17~~	~~0.09~~	~~2~~	~~0~~	~~3~~	~~181~~	~~36~~	~~7~~	~~27~~	~~1~~
~~830~~	~~81~~	~~82~~	~~531~~	~~701223~~	~~0.02~~	~~0.68~~	~~6.37~~	~~2.69~~	~~0.03~~	~~0.01~~	~~4.0~~	~~3441~~	~~0.01~~	~~0.01~~	~~2~~	~~0~~	~~13~~	~~95~~	~~6~~	~~2~~	~~38~~	~~1~~
831	81	82	531	701247	0.07	3.00	2.28	1.89	0.03	0.06	7.3	1515	0.01	0.18	6	0	5	8	2	4	17	1

RECD	TY	YE	PRJ	ID	UTM-E	U	UTM-N	NTS	pH	ROK		SCINT SLPE	Mo	Cu	Pb	Zn	Ni
832	81	82	531 M	701249	588015		5573061	92L05	0.0	PBF			1	4	5	11	3
833	81	82	531 M	701250	588014		5573061	92L05	0.0	AND	BV		1	51	8	38	2
834	81	82	531 M	701252	587983		5573037	92L05	0.0	PBF			1	7	5	19	5
835	81	82	531 M	702098	587898		5573262	92L05	0.0	311			4	22	10	120	11
836	81	82	531 M	702099	589141		5572391	92L05	0.0	123			1	48	8	33	35
837	81	82	531 M	702100	589138		5572393	92L05	0.0	160			1	16	4	38	24
838	81	82	531 M	702101	589252		5572329	92L05	0.0				2	54	2	40	15
839	81	82	531 M	702108	588860		5574287	92L05	0.0	224			1	342	1	17	11
840	81	82	531 M	702109	574963		5583688	92L05	0.0	160			8	5	81	72	6
841	81	82	531 M	702110	574992		5580587	92L05	0.0	241			1	10	1	24	2
842	81	82	531 M	702111	574891		5580014	92L05	0.0	336			2	21	8	68	25
843	81	82	531 M	702112	575097		5582708	92L05	0.0	311			1	19	11	72	22
844	81	82	531 M	702113	575481		5582370	92L05	0.0	313			2	12	11	62	17
845	81	82	531 M	702114	574474		5583263	92L05	0.0	31			1	19	6	54	33
846	81	82	531 M	702115	574391		5580409	92L05	0.0	316			1	20	8	45	31
847	81	82	531 M	702116	574258		5580434	92L05	0.0	316			1	15	5	39	15
848	81	82	531 M	702117	589601		5573444	92L05	0.0	161			1	55	12	43	109
849	81	82	531 M	702118	589659		5573379	92L05	0.0	311			1	7	4	14	11
850	81	82	531 M	702119	589540		5573410	92L05	0.0	331			1	9	5	22	18
851	81	82	531 M	702120	589315		5573531	92L05	0.0	331			2	27	8	162	49
852	81	82	531 M	702121	589003		5573819	92L05	0.0	331			1	25	5	19	17
853	81	82	531 M	702122	588819		5573617	92L05	0.0	23			1	426	2	25	57
854	81	82	531 M	702123	588760		5573832	92L05	0.0	311			2	30	2	7	16
855	81	82	531 M	702124	589743		5572649	92L05	0.0	311			2	8	2	52	9
856	81	82	531 M	702125	589408		5572825	92L05	0.0	20			1	16	2	42	24
857	81	82	531 M	702126	588846		5572840	92L05	0.0				2	17	4	81	12

RECD	TY	YE	PRJ	ID	U	Mn	Fe%	Ag	Co	Au	As	Hg	Sb	Sn	W	F	Th	Cd	Bi	V	Ba	Sr
832	81	82	531	701249	2.0	322	0.8	0.4	1	5	4	130	2	2	2	0	2	1	3	5	16	592
833	81	82	531	701250	2.0	1226	9.2	0.3	28	10	19	140	2	2	2	0	2	1	2	169	69	10
834	81	82	531	701252	2.0	221	1.1	0.4	2	5	8	240	2	2	2	0	2	1	2	12	13	378
835	81	82	531	702098	2.0	817	2.2	0.4	7	5	20	70	2	0	2	0	2	1	3	29	28	112
836	81	82	531	702099	5.0	753	3.4	0.1	17	5	8	20	2	0	2	0	2	1	2	82	24	20
837	81	82	531	702100	2.0	635	3.9	0.1	18	5	5	20	2	0	2	0	2	1	2	83	18	26
838	81	82	531	702101	2.0	805	4.4	0.1	12	5	260	250	2	0	2	0	2	1	3	54	34	23
839	81	82	531	702108	2.0	361	3.0	0.2	19	5	23	20	2	0	2	0	2	1	3	13	15	14
~~840~~	~~81~~	~~82~~	~~531~~	~~702109~~	~~2.0~~	~~1105~~	~~4.0~~	~~0.1~~	~~6~~	~~5~~	~~16~~	~~10~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~13~~	~~34~~	~~10~~
~~841~~	~~81~~	~~82~~	~~531~~	~~702110~~	~~2.0~~	~~421~~	~~1.5~~	~~0.1~~	~~2~~	~~5~~	~~9~~	~~80~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~2~~	~~33~~	~~15~~
~~842~~	~~81~~	~~82~~	~~531~~	~~702111~~	~~3.0~~	~~552~~	~~4.0~~	~~0.1~~	~~13~~	~~5~~	~~7~~	~~90~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~105~~	~~59~~	~~21~~
~~843~~	~~81~~	~~82~~	~~531~~	~~702112~~	~~5.0~~	~~888~~	~~9.7~~	~~0.1~~	~~12~~	~~5~~	~~8~~	~~100~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~2~~	~~80~~	~~70~~	~~90~~
~~844~~	~~81~~	~~82~~	~~531~~	~~702113~~	~~2.0~~	~~869~~	~~8.0~~	~~0.1~~	~~11~~	~~5~~	~~16~~	~~110~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~58~~	~~55~~	~~17~~
~~845~~	~~81~~	~~82~~	~~531~~	~~702114~~	~~2.0~~	~~685~~	~~3.7~~	~~0.1~~	~~17~~	~~5~~	~~16~~	~~160~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~88~~	~~25~~	~~40~~
~~846~~	~~81~~	~~82~~	~~531~~	~~702115~~	~~3.0~~	~~522~~	~~4.4~~	~~0.1~~	~~18~~	~~5~~	~~13~~	~~120~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~4~~	~~104~~	~~310~~	~~197~~
~~847~~	~~81~~	~~82~~	~~531~~	~~702116~~	~~2.0~~	~~447~~	~~2.8~~	~~0.1~~	~~8~~	~~5~~	~~37~~	~~1000~~	~~2~~	~~0~~	~~2~~	~~0~~	~~2~~	~~1~~	~~3~~	~~40~~	~~11~~	~~30~~
848	81	82	531	702117	5.0	1064	5.6	0.1	29	5	15	5	2	0	2	0	2	2	2	154	23	55
849	81	82	531	702118	3.0	804	2.9	0.1	7	5	13	5	2	0	2	0	2	1	3	34	29	24
850	81	82	531	702119	2.0	836	2.5	0.2	4	5	24	20	2	0	2	0	2	1	3	42	31	83
851	81	82	531	702120	2.0	657	3.8	0.2	12	5	11	170	2	0	2	0	2	1	2	86	21	39
852	81	82	531	702121	2.0	626	3.1	0.2	7	5	17	35	2	0	2	0	2	1	3	67	31	18
853	81	82	531	702122	2.0	666	3.6	0.2	17	5	166	80	2	0	2	0	2	1	3	27	24	106
854	81	82	531	702123	3.0	319	1.4	0.1	9	5	6	30	2	0	2	0	2	1	3	13	4	19
855	81	82	531	702124	2.0	979	1.5	0.2	5	5	3	650	2	0	2	0	2	1	4	14	6	102
856	81	82	531	702125	3.0	1096	4.3	0.1	20	5	10	440	2	0	2	0	2	1	3	106	19	87
857	81	82	531	702126	2.0	872	3.7	0.1	8	5	33	70	2	0	2	0	2	1	2	69	53	30

RECD	TY	YE	PRJ	ID	S102%	A1%	Ca%	Mg%	Na%	K%	Fe%	Mn	T1%	P%	La	In	B	Cr	Nb	Zr	Ce	ICPAu
832	81	82	531	701249	0.01	0.11	3.71	0.16	0.01	0.02	0.8	322	0.01	0.02	2	0	2	1	2	2	20	1
833	81	82	531	701250	0.03	2.69	0.58	1.90	0.03	0.01	9.2	1226	0.02	0.21	6	0	2	1	2	5	17	1
834	81	82	531	701252	0.01	0.39	7.51	0.39	0.02	0.04	1.1	221	0.01	0.01	2	0	4	10	2	2	14	1
835	81	82	531	702098	0.01	2.12	8.02	0.52	0.02	0.06	2.2	817	0.04	0.03	5	0	17	19	2	8	33	1
836	81	82	531	702099	0.01	3.67	2.79	2.19	0.03	0.07	3.4	753	0.11	0.04	2	0	9	86	27	6	24	1
837	81	82	531	702100	0.02	2.50	1.29	1.78	0.03	0.04	3.9	635	0.16	0.13	5	0	13	33	36	8	30	1
838	81	82	531	702101	0.01	1.39	4.31	1.17	0.01	0.06	4.4	805	0.01	0.14	4	0	5	14	10	3	30	1
839	81	82	531	702108	0.01	0.70	6.08	0.35	0.01	0.07	3.0	361	0.04	0.04	2	0	2	6	9	4	27	1
840	81	82	531	702109	0.01	1.61	0.41	0.81	0.03	0.09	4.0	1105	0.01	0.05	14	0	8	16	15	9	44	1
841	81	82	531	702110	0.01	0.09	0.47	0.20	0.07	0.08	1.5	421	0.01	0.03	10	0	5	6	16	4	40	1
842	81	82	531	702111	0.01	2.35	3.10	1.70	0.04	0.09	4.0	552	0.01	0.06	6	0	5	49	54	19	34	1
843	81	82	531	702112	0.01	2.33	2.87	1.20	0.03	0.14	3.7	388	0.26	0.06	8	0	9	39	47	17	98	1
844	81	82	531	702113	0.01	1.51	2.15	0.83	0.03	0.10	3.0	369	0.17	0.06	14	0	7	24	35	11	41	1
845	81	82	531	702114	0.01	2.08	6.85	1.61	0.10	0.11	3.7	685	0.09	0.09	7	0	8	69	16	10	33	1
846	81	82	531	702115	0.01	0.77	4.76	1.64	0.06	0.07	4.4	522	0.01	0.10	7	0	10	48	11	4	37	1
847	81	82	531	702116	0.01	0.47	6.36	0.48	0.06	0.06	2.8	447	0.01	0.03	6	0	8	17	6	8	85	1
848	81	82	531	702117	0.02	5.76	4.74	3.61	0.13	0.04	5.6	1064	0.10	0.06	2	0	3	185	24	5	29	1
849	81	82	531	702118	0.02	2.29	3.69	1.11	0.03	0.13	2.9	804	0.05	0.05	2	0	5	13	18	3	26	1
850	81	82	531	702119	0.02	2.26	9.16	1.34	0.04	0.09	2.5	836	0.04	0.07	3	0	5	26	4	3	28	1
851	81	82	531	702120	0.01	2.79	6.91	1.98	0.07	0.05	3.8	657	0.13	0.05	3	0	5	109	21	6	28	1
852	81	82	531	702121	0.01	2.34	6.24	1.77	0.03	0.07	3.1	626	0.05	0.05	2	0	4	35	12	3	26	1
853	81	82	531	702122	0.01	0.82	5.63	1.86	0.03	0.13	3.8	666	0.01	0.05	2	0	10	37	9	3	29	1
854	81	82	531	702123	0.01	0.59	4.23	0.41	0.08	0.03	1.4	319	0.09	0.05	2	0	11	8	20	8	25	1
855	81	82	531	702124	0.01	0.28	2.15	0.97	0.03	0.07	1.5	979	0.01	0.05	2	0	5	7	2	2	31	1
856	81	82	531	702125	0.01	0.63	7.94	2.82	0.04	0.03	4.3	1086	0.01	0.04	2	0	5	27	4	3	28	1
857	81	82	531	702126	0.01	2.23	5.70	1.49	0.05	0.05	3.7	872	0.03	0.05	4	0	7	32	10	4	28	1