29 pp

COMINCO LTD.

EXPLORATION

NTS 82G/SE

WESTERN CANADA
19 January 1988

ASSESSMENT REPORT

GEOLOGY AND GEOCHEMISTRY OF THE THE HOWELL 1-5 MINERAL CLAIMS NOTABLY ANOMALIES "A" AND "E"

FORT STEELE, M.D.

LATITUDE 49°14'N

LONGITUDE 114°39'W

WORK PERFORMED:
JULY 29 to SEPTEMBER 29, 1987

SEPTEMBER, 1987

T.J. TERMUENDE

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ATTACHMENTS

PLATES

COMINCO LTD.

EXPLORATION
NTS 82G/SE

WESTERN CANADA
19 January 1988

HOWELL PROPERTY
1987 ASSESSMENT REPORT
FORT STEEL MINING DIVISION, B.C.
LATITUDE 49°14"N; LONGITUDE 114°39'W

SUMMARY

The Howell Group of five claims (88 units) is located on NTS map sheet 82G/2, approximately 31 km ESE of Elko, B.C. Access is by vehicle along gravel logging roads via Morrissey, B.C., 16 km south of Fernie.

Cominco staked the Howell 1, 2 and 3 claims in July, 1983 and in October, 1983 added Howell 4 and Howell 5 claims to cover additional favourable ground.

The claims are underlain by complexly faulted Proterozoic, Paleozoic and Mesozoic sediments intruded by Cretaceous to Tertiary pyritic and altered trachyte-syenite plutons, dykes and sills.

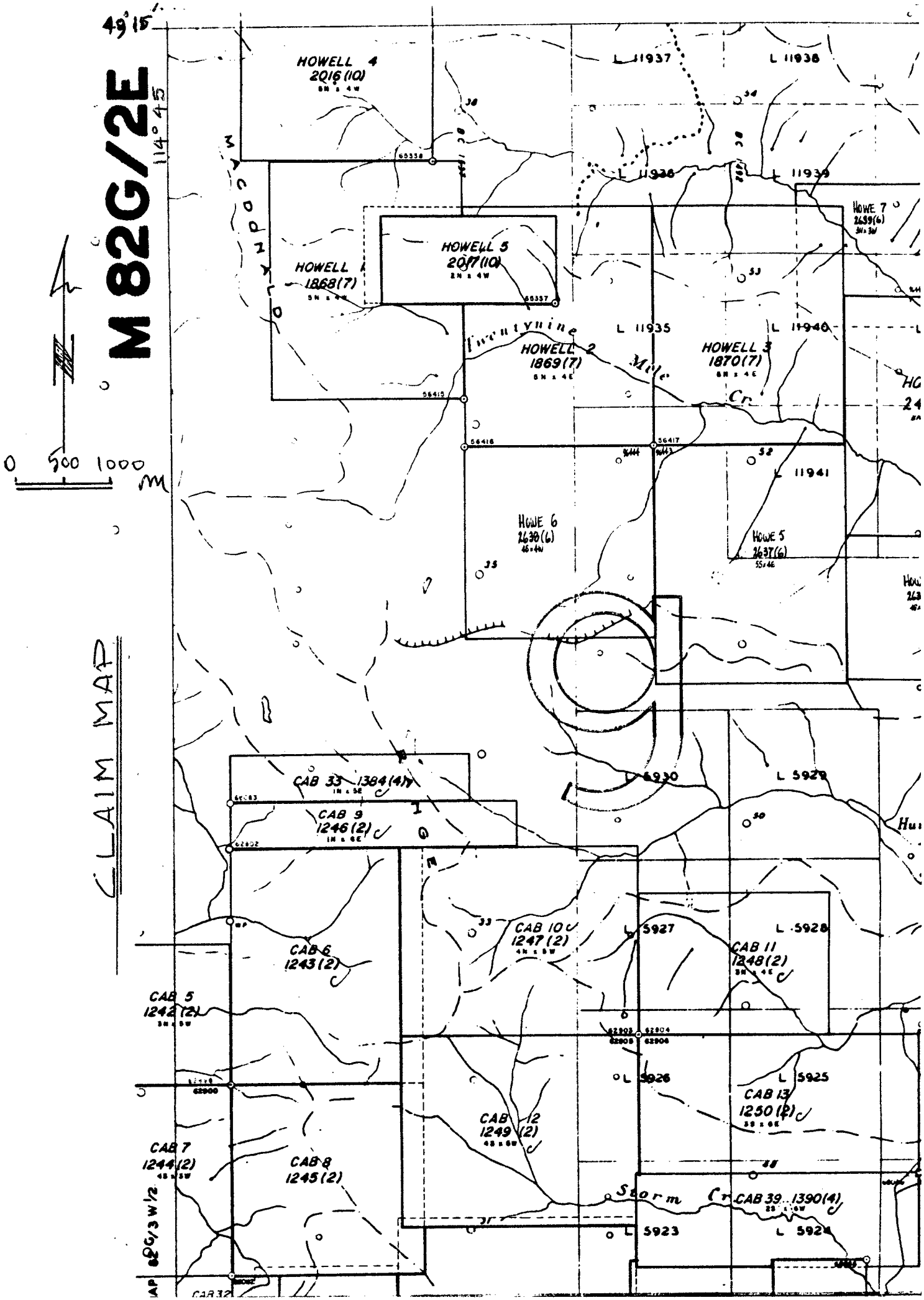
Previous exploration work on the Howell Property has mainly consisted of soil sampling and geological mapping. This work has lead to the discovery of several Au, Ag geochemical anomalies. The 1987 program was intended to provide a more detailed rock and soil geochemical coverage over anomalies "E" and "A".

The claims are owned 100% by Cominco Ltd. The area has been staked previously as the Rok-Cat (1971-72), Croft KRO (1977) and Elk (1982). The property consists of 5 claims, the Howell 1 to 5 (88 units).

Claims	Record No.	Recorded	Assessment Work Due
Howell 1 (20 units)	1968	July 14, 1983	July 14, 1988
Howell 2 (20 units)	1869	July 14, 1983	July 14, 1988
Howell 3 (20 units)	1870	July 14, 1983	July 14, 1988
Howell 4 (20 units)	2016	October 31, 1983	October 31, 1988
Howell 4 (8 units)	2017	October 31, 1983	October 31, 1989

LOCATION

The property is located in the Fort Steele Mining Division of B.C., NTS map sheet 82 G/2, latitude 49°13'N and longitude 114°41'W, within the MacDonald Range at the headwaters of Howell and Twenty Nine Mile Creeks. Access to the area is by all weather gravel logging roads approximately 50 km distance from Morrissey on Highway 3, 16 km south of Fernie, B.C.


49°15'
114°45'
M 82G/2E
HOWELL 4
2016(10)
5N x 4W
HOWELL 5
2017(10)
2N x 4W
HOWELL
1868(7)
5N x 3W
HOWELL 2
1869(7)
5N x 4E
HOWELL 3
1870(7)
5N x 4E
HOWE 7
2639(6)
3N x 3W
HOWE 6
2638(6)
4S x 4W
HOWE 5
2637(6)
5S x 4E
L 11937
L 11938
L 11939
L 11935
L 11940
L 11941
L 5930
L 5929
L 5927
L 5928
L 5926
L 5925
L 5923
L 5924
CAB 33 1384(4)
1N x 5E
CAB 9
1246(2)
1N x 6E
CAB 10
1247(2)
4N x 5W
CAB 11
1248(2)
3N x 4E
CAB 6
1243(2)
CAB 5
1242(2)
3N x 5W
CAB 12
1249(2)
4S x 5W
CAB 13
1250(2)
3S x 6E
CAB 7
1244(2)
4S x 5W
CAB 8
1245(2)
CAB 39 1390(4)
2S x 6W
Twentynine Mile Cr.
Storm Cr.
CODY RD
0 500 1000 m
CLAIM MAP
82G/3 W/2

HISTORY, DEVELOPMENT AND REGIONAL GEOLOGY

The reader is referred to M.J. Casselman's 1986 Howell Property Assessment Report for a concise detailing of the property's history, development and regional geology.

GEOLOGY

"E" Anomaly

The "E" anomaly as defined by contoured soil sampling (Plate 86-3a) has little outcrop exposure (Plate 87-4). Upslope from the anomaly a gossanous package of complexly thrust faulted sediments and syenite-trachyte intrusives are exposed. The syenite-trachyte intrusives and surrounding sediments are highly siliceous and sometimes pyritic. Strongly altered rocks when not deeply weathered are bluish grey and are cut by coarse grained bluish quartz veinlets. No mafic minerals were observed in the syenites and all rocks show limonite coating fracture surfaces.

Coarse grained quartzites exhibit a similar style of alteration and mineralization as found in the syenites. Very fine grained disseminated pyrite mineralization is found in a bluish silica matrix. These rocks are very hard and are highly fractured. Several rock chip samples were collected from rocks exhibiting this style of alteration to test for metal values.

To the west the gossanous package of altered intrusives and sediments are in thrust fault contact with a group of lower medium bedded calcareous siltstones and upper thick bedded dirty limestones. The limy units were chip sampled to test for a possible chemically reactive gold host rock.

"A" Anomaly

The "A" anomaly, as outlined on Plate 86-3b, is located along a southeast trending ridge between Twentynine Mile and Howell Creeks. Contour soil sampling outlined the anomaly, which is roughly oval-shaped, 700 by 600 m wide. Within this area are rocks of the Elko and Flathead formations, underlain by the Kintla (member "C") sediments, all lying within a thrust sheet overlying Alberta Group rocks. Altered syenite dykes and sills are present within each formation, suggesting a much younger origin. Gabbroic material was recognized in only one outcrop exposure, to the west of the anomaly area (Plate 87-5).

The syenites and adjacent rocks appear to hold the most promise for potential mineralization, though sulphides were recognized only in one outcrop, and only in very small quantities. The syenites are however, intensely altered in some areas, and are very limonitic, both on weathered and fresh surfaces. They are

extremely fractured in some locations to the point of being gravelly colluvium in some instances. Grain size varies from 1-2 mm up to 12 mm, with the rocks often displaying a spectacular grain alignment.

Tufa and aragonitic calcite was recognized in a number of locations, possibly suggesting a hot springs, or at best, strongly mineralized ground waters, generated by the syenite emplacement? or by further unexposed intrusive bodies.

The limestones of the Elko formation, which cap the ridge, are everywhere barren of mineralization; although they are notably petroliferous - emitting a strong H_2S odor when broken.

The remaining rocks are clastics and are void of any noticeable mineralization, though those of the Alberta group tend to display limonitic weathering.

MINERALIZATION

A galena fluorite showing was found in Anomaly E (Plate 87-4) by following up strongly anomalous Pb, Ag, Au soil geochemical values. The galena fluorite mineralization occurs in a highly fractured silicified syenite-trachyte complex. Galena mineralization is found in limonitic fracture zones that have and east-west trend. Rock samples R-15 through R-25 represent a continuous rock chip sample across 50 metres of rock exposure (Plates 87-4 and 13). The galena mineralization is not obvious and requires careful prospecting to locate. This mineralization could be quite widespread but as of yet not recognized simply because the mineralization is difficult to see.

GEOCHEMISTRY

Sampling Techniques

Soil samples were taken with a narrow bladed shovel from below the A horizon in either B or C horizon material, predominantly the former. The samples, in high wet strength kraft paper bags were sent for analysis to Cominco's laboratory at 1486 E. Pender St., Vancouver.

Analytical Techniques

Soil samples were dried at 40°C and sieved to obtain the minus 80 mesh fraction for analysis. For gold analysis a 10 gram sample was analysed by atomic absorption of a dimethylisobutylketone extract of a hot aqua regia attack. Lead and silver were determined by atomic absorption, with appropriate background corrections, on a 0.5 gram sample following attack by hot 20% nitric acid. Arsenic was determined colorimetrically on the extract of a pyrosulphate fusion using silver diethyldithiocarbamate as reagent.

Rock samples were crushed, split and pulverized to minus 200 mesh. Gold was determined as for soils on a 5 gram sample. Lead and silver were determined on a 0.5 gram sample following a hot aqua regia attack. Lead and silver analyses were corrected for background interference.

"A" Anomaly

(a) Soil Geochemistry

A baseline oriented 125/305°, 800 m long was completed, with its origin (0+00E.0+00) being the easterly peak along the Twentynine Mile/Howell ridge. Crosslines northward to the main road (a distance of 500 m to 200 m), and southward 600 m were flagged and sampled. A total of 348 soil samples were taken, with these samples representing soils covering each lithology aforementioned (Plates 87-1 to 3).

Analytical results for soils from Anomaly A are summarized in the table below.:

	No. of Samples	Range	Modal Range	Threshold 90 percentile	Units
Gold	347	<10-1580	10-20	150	ppb
Silver	347	<0.4-34.9	<0.4	3.6	ppm
Lead	347	5-1810	10-20	200	ppm

All anomalous metal values in soil are confined to the area underlain by Elko Formation limestones. Low background values are clearly related to Alberta Group sandstones and Kintla quartzites.

Four principal anomalous zones can be distinquished.

1. Lines 00E, 100E and 200E between 00N and 150S. High lead and silver values are accompanied by gold values lie close to the ridge crest and south facing slope. The area is underlain by limestone with only a small outcrop of altered syenite noted.

2. Lines 00E and 100E between 150N and 200N. High silver and lead values with moderate gold values are apparently associated with a band of rhyolite traversing the northern slope.

3. Lines 300E to 600E mainly between the base line and 100N. Mainly high lead values with moderate silver and gold values occur in the vicinity of thin, altered syenite.

4. Lines 500E to 600E between 100S and 200S and again between 300S and 400S. A very strong silver anomaly with high gold values and distinctively low leads occurs on the east facing slope of a spur. The more northerly anomaly is associated with altered syenite in limestone. The southerly anomaly is in an area of altered syenite and Kintla Formation sandstones.

(b) Rock Geochemistry

A total of 37 rock samples were taken, under the names H-87-1 to H-87-37 (Plate 87-7). These samples represent exposures deemed potentially significant with respect to economic potential, though as mentioned, sulphide mineralization was rarely encountered.

The rock samples collected from outcrops generally contain lower metal levels than the related soils which may be due to upgrading during weathering (Appendix E).

The suspected association between high gold values and the syenite intrusives is confirmed although a few limestone samples carry low to moderate gold values.

"E" Anomaly

(a) Soil Geochemistry

A total of 271 soil samples were collected along 13 km of flagged grid lines Plates 87-8 to 12). A 1.3 km east-west baseline was established with blue and orange flagging marking 100 m station sites. Cross lines run 400 metres to the north and 600 metres to the south. Soil samples were collected at 50 metre intervals along the cross lines.

Analytical results for soil grid E are summarized in the table below.

		Range	Mode	Threshold	Units
Pb	271	5- 950	25-35	150	ppm
Zn	271	10-1730	80-90	200	ppm
Ag	271	<0.4-54	<0.4	2.0	ppm
Au	271	10-613	10	40	ppb
As	271	3-318	20-25	150	ppm

It can be seen that metal levels are generally lower than those encountered on grid A, leading to lower thresholds.

Three areas of higher metal values can be distinguished.

1. Lines 400W to 800N between the baseline and 450S. This is a lead anomaly with arsenic and lesser zinc support and moderately anomalous gold levels. It is mainly downslope from a syenite-sediment (siltstones and chert) contact.

2. Lines 200W to 200E between 200N and 200S. Erratic anomalous lead and zinc values occur in the vicinity of the location of a piece of galena bearing float. Gold and arsenic values are low. Moderate silver values occur upslope (south) of the main Pb Zn anomaly. The underlying rocks are probably sediments.

3. On Lines 00E to 200E between 300S and 600S. This is principally an area of moderate arsenic values with erratic lead, silver and zinc support. Whilst virtually no high gold values are present in the main area of high metal values, the highest gold value encountered on the grid occurs, with no accompanying metals on line 100E at 400S.

(b) Rock Geochemistry

A total of 28 rock samples were taken (Plate 87-6). Rock samples R-1 to R-14 were collected to gain an understanding of the background metal values of the rocks found near the "E" anomaly zone. R-15 to R-26 are systematic chip samples taken from a mineralized outcrop (Plates 87-6 and 13).

The low gold values in this area are also reflected in the analytical results for rock samples collected on the grid. High lead and zinc values are found in the vicinity of observed galena mineralization (Appendix F).

CONCLUSIONS

Detailed follow-up soil sampling in areas indicated to be anomalous by previous contour sampling confirms the anomalous status of these areas and clearly indicates the area of Anomaly A to be of more interest than anomaly E.

Further work needs to be done to assess the extent of gold mineralization in the syenite by trenching and drilling. No further surface geochemical work is recommended.

Report by: For
T.J. Termuende
Geologist

Endorsed by:
M.J. Casselman,
Project Geologist

Approved for
Release by:
W.J. Wolfe,
Manager, Exploration-
Western Canada.

TJT/ILE/JD/pm

APPENDIX "A"
STATEMENT OF EXPENDITURES
"E" ANOMALY EXPLORATION

Salaries			
Field	T.J. Fitzmaurice	9 days @ $127/day	$1143.00
	C. Downie	9 days @ 98/day	882.00
Office	T.J. Fitzmaurice	5 days @ $127/day	635.00
	C. Downie	1 day @ 98/day	98.00
Truck	Rental	9 days @ $ 40/day	360.00
	Gas		138.48
Domicile	Hotels, food, supplies		539.92
Geochemical Analysis			
	271 soils for Pb, Zn, Ag, Au, As @ 14.20/sample		3848.20
	28 rocks for Pb, Zn, Ag, Au, As @ 16.60/sample		464.80
		TOTAL	$8109.40

STATEMENT OF EXPENDITURES
"A" ANOMALY EXPLORATION

Salaries			
Field	T.J. Termuende	13 days @ $127/day	$1651.00
	S.P. Kenwood	125 hours @ 10/hour	1250.00
Office	T.J. Termuende	3 days @ $127/day	381.00
	S.P. Kenwood	7 hours @ 10/hour	70.00
Truck	Rental	13 days @ $40/day	520.00
	Gas & auto maintenance		556.76
Travel Expenses	- for casual worker		288.00
Domicile	Hotels, food, supplies		1309.54
Misc. Expenses	- Flagging, paints, etc.		52.77
Geochemical Analyses			
	348 soil samples (Au, AG, Pb) @ $9.45/sample		3288.60
	37 rock samples (Au, Ag, Pb) @ $11.85/sample		438.45
Drafting		1 day @ $127/day	127.00
		TOTAL	9933.12

APPENDIX "B"

STATEMENT OF QUALIFICATIONS

I, TIMOTHY J. TERMUENDE of Hwy 93, Fort Steele, in the Province of British Columbia, hereby certify:

(1) THAT I am a geologist residing at Hwy 93, Box 7, Fort Steele, British Columbia.

(2) THAT I graduated with a B.Sc. (Geol.) degree from the University of British Columbia, in April, 1987.

(3) THAT I have practiced field Geology since 1976, specifically as a Cominco Geologist since May, 1987.

SIGNED: T.J. Termuende

T.J. Termuende
Geologist

September 28, 1987

APPENDIX "B"

EXPLORATION WESTERN CANADA

STATEMENT OF QUALIFICATIONS

I, MICHAEL J. CASSELMAN, OF THE CITY OF DELTA, BRITISH COLUMBIA, HEREBY CERTIFY:

- THAT I AM A GEOLOGIST, RESIDING AT 5989 BRIARWOOD CRESCENT, DELTA, BRITISH COLUMBIA, WITH A BUSINESS ADDRESS AT 700-409 GRANVILLE STREET, VANCOUVER, BRITISH COLUMBIA.

- THAT I GRADUATED WITH B.Sc.AND M.Sc. DEGREES IN GEOLOGY FROM THE UNIVERSITY OF BRITISH COLUMBIA IN 1969 AND CARELTON UNIVERSITY IN 1977.

- THAT I HAVE PRACTISED GEOLOGY WITH COMINCO LTD. FROM 1969 TO PRESENT.

DATED THIS _____DAY OF JANUARY 1988 AT VANCOUVER, BRITISH COLUMBIA.

MICHAEL J. CASSELMAN, M.Sc.

APPENDIX "C"

IN THE MATTER OF THE B.C. MINERAL ACT AND THE MATTER OF A GEOLOGICAL PROGRAMME CARRIED OUT ON THE HOWELL 1-5 MINERAL CLAIMS LOCATED AT LATITUDE 49°14'N, LONGITUDE 114°39'W, IN THE FORT STEELE MINING DISTRICT OF THE PROVINCE OF BRITISH COLUMBIA, MORE PARTICULARLY NTS 82G/SE.

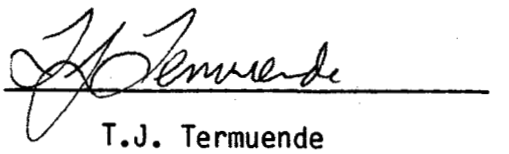
AFFIDAVIT

I, TIMOTHY JAY TERMUENDE, of Hwy 93, Fort Steele in the Province of British Columbia, make oath and say:

(1) THAT I am employed as a Geologist by Cominco Ltd. and, as such have a personal knowledge of the facts to which I hereby depose;

(2) THAT annexed hereto is a true copy of expenditures incurred on a geological survey on the Howell 1-5 mineral claims.

(3) THAT the said expenditures were incurred between July 29 and September 21 for the purpose of mineral exploration of the above noted claims.

SIGNED: 

T.J. Termuende
Geologist

September 28, 1987

APPENDIX "D"

SOIL AND LITHOGEOCHEMICAL DATA

LEGEND

Colour	1 Light 2 Medium 3 Dark 1 Grey 2 Brown 3 Yellow 4 Red 5 Black eg 22 = Medium Brown
Organic	1 Low 2 Medium 3 High
Wetness	1 Dry 2 Moist 3 Wet
Depth	Depth in centimetres
Horizon	1=A 2=B C=3
Au	Concentration in ppb
Ag,Pb,Zn,As	Concentration in ppm

ANOMALY "A"

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8707971	12644.	25.	0.	22.	2.	1.	10.	150.	3.7	92.
S8707972	12640.	125.	0.	11.	1.	1.	15.	300.	2.2	143.
S8707973	12639.	150.	0.	11.	2.	1.	10.	737.	5.8	345.
S8707974	12638.	175.	0.	11.	2.	1.	10.	252.	0.9	50.
S8707975	12721.	225.	0.	21.	2.	2.	10.	120.	4.7	159.
S8707976	12720.	250.	0.	21.	2.	2.	10.	213.	1.9	39.
S8707977	12719.	275.	0.	21.	2.	2.	10.	588.	2.6	90.
S8707978	12718.	325.	0.	11.	1.	2.	15.	20.	1.5	63.
S8707979	12717.	350.	0.	21.	1.	2.	10.	12.	1.5	52.
S8707980	12716.	375.	0.	21.	1.	2.	10.	5.	1.6	94.
S8707981	12715.	425.	0.	21.	2.	2.	10.	36.	2.2	241.
S8707982	12714.	450.	0.	21.	1.	2.	10.	23.	0.7	84.
S8707983	12713.	475.	0.	21.	1.	2.	10.	10.	0.2	85.
S8707984	12863.	525.	0.	11.	2.	1.	15.	10.	0.4	29.
S8707985	12862.	550.	0.	11.	2.	1.	15.	11.	0.2	42.
S8707986	12861.	575.	0.	11.	2.	1.	10.	108.	3.6	256.
S8707987	12860.	625.	0.	12.	1.	1.	10.	16.	2.8	188.
S8707988	12859.	650.	0.	12.	2.	1.	10.	60.	5.5	1810.
S8707989	12858.	675.	0.	11.	2.	1.	10.	13.	1.7	405.
S8707990	12868.	725.	0.	21.	2.	2.	10.	137.	2.2	110.
S8707991	12867.	750.	0.	21.	1.	2.	15.	10.	0.2	21.
S8707992	12866.	775.	0.	21.	1.	2.	10.	10.	0.2	7.
S8707993	12585.	0.	-400.	21.	1.	2.	15.	27.	0.2	56.
S8707995	12518.	0.	-350.	21.	2.	2.	15.	52.	0.4	29.
S8707996	12516.	0.	-325.	21.	2.	2.	15.	18.	1.2	24.
S8707997	12737.	0.	-275.	11.	2.	1.	15.	31.	0.2	11.
S8707998	12682.	0.	-250.	21.	2.	1.	15.	22.	0.5	17.
S8707999	12681.	0.	-225.	21.	2.	1.	15.	10.	0.4	30.
S8708000	12680.	0.	-200.	11.	2.	1.	10.	20.	2.	24.
S8708001	12679.	0.	-175.	11.	2.	1.	10.	89.	2.3	52.
S8708002	12678.	0.	-150.	21.	2.	1.	15.	32.	0.6	11.
S8708003	12677.	0.	-125.	21.	2.	1.	10.	32.	0.2	33.
S8708004	12676.	0.	-100.	21.	1.	1.	15.	10.	0.2	28.
S8708005	12675.	0.	-75.	21.	1.	1.	10.	5.	0.2	13.
S8708006	12969.	0.	0.	21.	1.	2.	15.	39.	1.1	96.
S8708007	12970.	0.	25.	21.	1.	2.	20.	25.	1.1	114.
S8708008	12971.	0.	50.	21.	2.	2.	15.	31.	3.8	310.
S8708009	12972.	0.	75.	21.	2.	2.	20.	11.	2.1	109.
S8708010	12973.	0.	100.	21.	2.	2.	20.	99.	3.3	408.
S8708011	12974.	0.	125.	21.	2.	2.	20.	56.	3.3	114.
S8708012	12975.	0.	150.	21.	2.	2.	20.	227.	6.3	482.
S8708013	12976.	0.	175.	21.	2.	2.	20.	240.	3.5	385.
S8708014	12977.	0.	200.	21.	1.	2.	10.	427.	4.4	640.
S8708015	12978.	0.	225.	21.	2.	2.	20.	163.	2.2	160.
S8708016	12979.	0.	250.	21.	2.	2.	15.	111.	1.6	121.
S8708017	12980.	0.	275.	21.	2.	2.	15.	48.	1.4	49.
S8708018	12981.	0.	300.	21.	1.	2.	15.	23.	0.5	50.
S8708019	12982.	0.	325.	21.	2.	2.	15.	24.	0.2	63.
S8708020	12983.	0.	350.	21.	2.	2.	15.	77.	1.5	39.
S8708021	12984.	0.	375.	21.	2.	2.	10.	128.	0.9	72.
S8708022	12985.	0.	400.	21.	1.	2.	20.	10.	0.2	25.
S8708023	12986.	0.	425.	21.	1.	2.	15.	5.	0.2	8.
S8708024	12987.	0.	450.	21.	1.	2.	15.	11.	0.2	10.
S8708025	12988.	0.	475.	21.	1.	2.	10.	10.	0.2	15.
S8708026	12989.	0.	500.	11.	1.	2.	15.	12.	0.2	7.
S8708027	12647.	100.	-600.	11.	2.	1.	15.	20.	0.2	23.
S8708028	12648.	100.	-575.	11.	2.	1.	15.	10.	0.4	28.
S8708029	12649.	100.	-550.	11.	1.	1.	15.	21.	2.3	24.
S8708030	12650.	100.	-525.	11.	1.	1.	10.	17.	0.9	20.
S8708031	12651.	100.	-500.	21.	2.	1.	15.	20.	0.7	40.

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8708032	12652.	100.	-475.	21.	2.	1.	10.	31.	2.2	33.
S8708033	12654.	100.	-425.	11.	2.	2.	10.	11.	1.	27.
S8708034	12656.	100.	-375.	21.	2.	2.	15.	16.	0.6	30.
S8708035	12657.	100.	-350.	21.	1.	2.	15.	27.	0.6	39.
S8708036	12658.	100.	-325.	11.	1.	2.	10.	30.	0.7	67.
S8708037	12659.	100.	-300.	11.	1.	1.	10.	21.	0.2	30.
S8708038	12660.	100.	-275.	21.	1.	2.	15.	22.	0.2	22.
S8708039	12661.	100.	-250.	21.	2.	1.	10.	18.	0.2	60.
S8708040	12671.	100.	-200.	21.	2.	1.	10.	20.	0.2	27.
S8708041	12664.	100.	-175.	21.	1.	2.	10.	127.	2.1	62.
S8708042	12665.	100.	-150.	11.	1.	1.	10.	18.	2.2	49.
S8708043	12666.	100.	-125.	21.	2.	2.	10.	10.	1.6	53.
S8708044	12667.	100.	-100.	21.	1.	2.	15.	5.	1.5	37.
S8708045	12669.	100.	-50.	11.	2.	1.	10.	537.	4.5	132.
S8708046	12670.	100.	-25.	11.	2.	1.	10.	1050.	4.8	258.
S8708047	12948.	100.	0.	11.	1.	2.	10.	478.	2.1	107.
S8708048	12949.	100.	25.	11.	1.	2.	15.	110.	3.3	129.
S8708049	12950.	100.	50.	21.	2.	2.	10.	150.	3.3	162.
S8708050	12951.	100.	75.	21.	2.	2.	15.	89.	3.4	252.
S8708051	12952.	100.	100.	21.	2.	2.	15.	42.	0.6	72.
S8708052	12953.	100.	125.	21.	1.	2.	15.	43.	4.4	93.
S8708053	12954.	100.	150.	21.	2.	2.	10.	49.	5.3	215.
S8708054	12955.	100.	175.	21.	1.	2.	10.	18.	3.8	355.
S8708055	12956.	100.	200.	21.	2.	2.	15.	5.	0.6	29.
S8708056	12957.	100.	225.	21.	2.	2.	15.	5.	0.2	54.
S8708057	12958.	100.	250.	21.	1.	2.	15.	19.	0.2	241.
S8708058	12959.	100.	275.	21.	2.	2.	15.	5.	0.7	95.
S8708059	12960.	100.	300.	21.	1.	2.	15.	5.	0.4	92.
S8708060	12961.	100.	325.	21.	1.	2.	10.	52.	2.1	68.
S8708061	12962.	100.	350.	21.	2.	2.	10.	5.	0.2	24.
S8708062	12963.	100.	375.	21.	1.	2.	20.	5.	0.2	13.
S8708063	12964.	100.	400.	11.	1.	1.	15.	57.	0.2	46.
S8708064	12637.	200.	-600.	11.	2.	1.	10.	17.	0.2	26.
S8708065	12635.	200.	-550.	11.	1.	1.	10.	43.	3.6	25.
S8708066	12643.	200.	-525.	11.	1.	2.	15.	5.	0.6	23.
S8708067	12642.	200.	-500.	21.	2.	2.	10.	32.	1.3	34.
S8708068	12641.	200.	-475.	21.	2.	2.	10.	21.	0.7	42.
S8708069	12722.	200.	-450.	21.	1.	2.	15.	37.	1.3	87.
S8708070	12712.	200.	-425.	21.	2.	2.	10.	16.	0.7	19.
S8708071	12711.	200.	-400.	21.	1.	2.	10.	18.	0.4	44.
S8708072	12735.	200.	-375.	21.	1.	2.	15.	11.	0.8	72.
S8708073	12697.	200.	-325.	21.	1.	2.	15.	52.	1.9	99.
S8708074	12734.	200.	-300.	11.	1.	2.	10.	5.	0.9	70.
S8708075	12733.	200.	-275.	21.	2.	2.	15.	18.	2.1	87.
S8708076	12732.	200.	-250.	11.	1.	2.	10.	5.	0.2	42.
S8708077	12731.	200.	-225.	21.	1.	2.	15.	10.	1.	66.
S8708078	12730.	200.	-200.	11.	2.	2.	15.	80.	2.5	118.
S8708079	12729.	200.	-175.	11.	1.	2.	15.	11.	0.2	56.
S8708080	12728.	200.	-150.	11.	2.	2.	15.	107.	0.6	103.
S8708081	12727.	200.	-125.	11.	2.	2.	10.	170.	6.5	233.
S8708082	12726.	200.	-100.	21.	1.	2.	10.	304.	4.8	375.
S8708083	12725.	200.	-75.	21.	2.	2.	10.	156.	3.6	354.
S8708084	12724.	200.	-50.	21.	1.	2.	10.	487.	5.2	358.
S8708085	12723.	200.	-25.	11.	1.	1.	15.	1580.	4.2	196.
S8708086	12901.	200.	0.	11.	1.	1.	10.	67.	1.	101.
S8708087	12902.	200.	25.	21.	2.	2.	10.	632.	2.1	107.
S8708088	12903.	200.	50.	11.	1.	1.	5.	217.	2.7	130.
S8708089	12904.	200.	75.	11.	1.	1.	10.	190.	3.1	189.
S8708090	12905.	200.	100.	11.	1.	1.	10.	37.	3.4	139.
S8708091	12906.	200.	125.	21.	2.	2.	10.	5.	3.8	166.

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8708092	12907.	200.	150.	21.	2.	2.	15.	10.	0.5	101.
S8708093	12908.	200.	175.	21.	1.	2.	15.	78.	2.4	53.
S8708094	12909.	200.	200.	21.	2.	2.	15.	5.	0.2	42.
S8708095	12910.	200.	225.	11.	2.	2.	10.	5.	0.2	72.
S8708096	12911.	200.	250.	21.	2.	2.	15.	16.	0.2	27.
S8708097	12912.	200.	275.	21.	2.	2.	10.	5.	0.2	23.
S8708098	12998.	200.	300.	11.	1.	2.	10.	10.	0.6	48.
S8708099	12999.	200.	325.	21.	2.	2.	10.	5.	0.2	13.
S8708100	13000.	200.	350.	21.	2.	2.	15.	23.	1.9	64.
S8708101	12913.	200.	375.	21.	2.	2.	15.	5.	0.2	13.
S8708102	12914.	200.	400.	21.	2.	2.	15.	5.	0.2	9.
S8708103	12915.	200.	425.	21.	2.	2.	10.	5.	0.4	73.
S8708104	12710.	300.	-600.	11.	2.	2.	15.	35.	1.3	60.
S8708105	12672.	300.	-575.	11.	1.	1.	10.	40.	1.8	44.
S8708106	12707.	300.	-525.	11.	1.	2.	15.	253.	3.2	140.
S8708107	12706.	300.	-500.	21.	2.	2.	10.	97.	3.7	97.
S8708108	12705.	300.	-475.	11.	2.	2.	15.	32.	1.7	98.
S8708109	12704.	300.	-450.	11.	1.	2.	10.	20.	0.4	45.
S8708110	12703.	300.	-425.	11.	2.	2.	15.	5.	0.7	25.
S8708111	12702.	300.	-400.	21.	1.	2.	10.	5.	0.8	48.
S8708112	12701.	300.	-375.	21.	2.	2.	15.	10.	0.2	46.
S8708113	12700.	300.	-350.	21.	1.	2.	10.	10.	2.4	83.
S8708114	12699.	300.	-325.	11.	2.	2.	15.	49.	0.8	44.
S8708115	12694.	300.	-300.	21.	2.	2.	10.	32.	1.1	30.
S8708116	12693.	300.	-275.	11.	2.	2.	15.	18.	0.5	22.
S8708117	12692.	300.	-250.	21.	1.	2.	10.	129.	1.	38.
S8708118	12691.	300.	-225.	11.	1.	2.	10.	13.	0.9	19.
S8708119	12688.	300.	-150.	21.	1.	2.	15.	38.	1.	24.
S8708120	12687.	300.	-125.	21.	2.	2.	10.	20.	0.9	49.
S8708121	12686.	300.	-100.	11.	1.	2.	10.	46.	0.8	23.
S8708122	12685.	300.	-75.	11.	2.	1.	15.	18.	1.	22.
S8708123	12684.	300.	-50.	11.	2.	2.	10.	12.	0.4	14.
S8708124	12683.	300.	-25.	21.	2.	2.	15.	20.	1.1	29.
S8708125	12938.	300.	0.	22.	1.	2.	10.	80.	1.4	67.
S8708126	12939.	300.	25.	21.	1.	2.	10.	60.	1.5	62.
S8708127	12940.	300.	50.	21.	2.	2.	15.	29.	2.7	172.
S8708128	12941.	300.	75.	11.	1.	2.	10.	289.	10.7	262.
S8708129	12942.	300.	100.	21.	2.	2.	15.	23.	1.6	219.
S8708130	12943.	300.	125.	11.	2.	2.	10.	26.	2.3	71.
S8708131	12944.	300.	150.	22.	1.	1.	10.	26.	1.1	65.
S8708132	12945.	300.	175.	21.	2.	2.	15.	13.	3.1	41.
S8708133	12946.	300.	200.	11.	2.	2.	15.	5.	2.6	49.
S8708134	12947.	300.	225.	21.	2.	2.	15.	5.	0.6	36.
S8708135	12990.	300.	250.	11.	2.	1.	10.	29.	0.8	56.
S8708136	12991.	300.	275.	21.	2.	2.	15.	10.	0.2	35.
S8708137	12992.	300.	300.	21.	1.	2.	15.	10.	0.4	26.
S8708138	12993.	300.	325.	11.	2.	2.	15.	5.	0.4	62.
S8708139	12994.	300.	350.	21.	2.	2.	10.	40.	0.2	48.
S8708140	12899.	400.	-600.	21.	1.	2.	15.	5.	0.2	16.
S8708141	12898.	400.	-575.	11.	1.	2.	15.	18.	0.2	31.
S8708142	12897.	400.	-550.	21.	2.	2.	10.	16.	0.2	15.
S8708143	12896.	400.	-525.	11.	1.	2.	10.	21.	0.2	11.
S8708144	12895.	400.	-500.	21.	2.	2.	10.	5.	0.5	36.
S8708145	12894.	400.	-475.	21.	2.	2.	10.	20.	1.	15.
S8708146	12893.	400.	-450.	21.	1.	2.	10.	29.	1.2	21.
S8708147	12892.	400.	-425.	21.	1.	2.	15.	49.	0.9	72.
S8708148	12891.	400.	-400.	11.	2.	2.	15.	16.	1.	74.
S8708149	12890.	400.	-375.	11.	1.	2.	10.	46.	0.9	57.
S8708150	12889.	400.	-350.	11.	2.	2.	10.	44.	1.5	44.
S8708151	12888.	400.	-325.	11.	1.	2.	15.	10.	0.4	37.

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8708152	12887.	400.	-300.	21.	2.	2.	10.	23.	2.	53.
S8708153	12886.	400.	-275.	21.	1.	2.	10.	49.	1.	73.
S8708154	12885.	400.	-250.	21.	2.	2.	10.	11.	1.6	45.
S8708155	12884.	400.	-225.	21.	1.	1.	15.	21.	1.1	40.
S8708156	12883.	400.	-200.	11.	3.	2.	10.	12.	0.2	24.
S8708157	12882.	400.	-175.	21.	1.	2.	15.	20.	0.2	35.
S8708158	12881.	400.	-150.	21.	2.	2.	10.	51.	1.3	71.
S8708159	12880.	400.	-125.	21.	2.	2.	10.	109.	1.4	112.
S8708160	12879.	400.	-100.	21.	1.	2.	15.	34.	1.7	137.
S8708161	12878.	400.	-75.	11.	2.	2.	10.	141.	3.5	247.
S8708162	12877.	400.	-50.	11.	1.	2.	10.	33.	2.4	159.
S8708163	12876.	400.	-25.	11.	1.	2.	10.	21.	1.8	454.
S8708164	12997.	400.	0.	21.	2.	2.	15.	22.	2.9	487.
S8708165	12996.	400.	25.	21.	1.	2.	15.	18.	1.5	272.
S8708166	12995.	400.	50.	11.	2.	2.	10.	102.	3.9	1080.
S8708167	12968.	400.	75.	21.	1.	2.	10.	442.	13.8	810.
S8708168	12967.	400.	100.	11.	1.	2.	10.	117.	1.2	176.
S8708169	12966.	400.	125.	21.	2.	2.	10.	50.	1.2	90.
S8708170	12965.	400.	150.	21.	2.	2.	15.	30.	2.	120.
S8708171	12258.	400.	175.	11.	2.	2.	15.	20.	1.7	43.
S8708172	12257.	400.	200.	21.	2.	2.	10.	5.	0.7	112.
S8708173	12256.	400.	225.	12.	1.	2.	15.	90.	2.5	49.
S8708174	12255.	400.	250.	11.	2.	2.	20.	12.	0.2	37.
S8708175	12254.	400.	275.	11.	1.	2.	15.	56.	0.8	52.
S8708176	12253.	400.	300.	21.	2.	2.	15.	40.	0.9	49.
S8708177	12252.	400.	325.	21.	1.	2.	10.	80.	1.6	86.
S8708178	12763.	500.	-600.	11.	1.	1.	15.	17.	0.2	18.
S8708179	12764.	500.	-575.	11.	1.	1.	10.	42.	0.9	15.
S8708180	12765.	500.	-550.	21.	1.	1.	15.	5.	0.2	14.
S8708181	12766.	500.	-525.	21.	1.	1.	15.	5.	0.2	14.
S8708182	12767.	500.	-500.	11.	1.	1.	10.	12.	0.4	16.
S8708183	12768.	500.	-475.	21.	1.	1.	15.	11.	0.2	22.
S8708184	12769.	500.	-450.	11.	1.	1.	10.	154.	6.2	146.
S8708185	12770.	500.	-425.	11.	1.	1.	10.	30.	1.2	45.
S8708186	12771.	500.	-400.	11.	1.	1.	10.	219.	4.7	90.
S8708187	12772.	500.	-375.	21.	1.	1.	15.	1320.	12.8	115.
S8708188	12773.	500.	-350.	11.	1.	1.	10.	51.	4.2	146.
S8708189	12774.	500.	-325.	21.	2.	1.	15.	29.	1.8	51.
S8708190	12775.	500.	-300.	11.	1.	1.	10.	20.	2.8	142.
S8708191	12776.	500.	-275.	11.	2.	2.	10.	29.	4.7	75.
S8708192	12777.	500.	-250.	11.	1.	1.	10.	5.	2.5	53.
S8708193	12778.	500.	-225.	11.	1.	1.	15.	107.	7.2	141.
S8708194	12779.	500.	-200.	21.	2.	1.	15.	40.	2.9	28.
S8708195	12780.	500.	-175.	11.	2.	1.	10.	788.	34.	87.
S8708196	12781.	500.	-150.	11.	2.	1.	10.	61.	4.7	870.
S8708197	12782.	500.	-125.	21.	2.	1.	10.	118.	4.9	68.
S8708198	12871.	500.	-100.	21.	2.	1.	10.	98.	3.7	66.
S8708199	12872.	500.	-75.	21.	2.	1.	10.	18.	1.	138.
S8708200	12873.	500.	-50.	21.	2.	2.	10.	52.	1.5	30.
S8708201	12874.	500.	-25.	21.	2.	1.	15.	30.	2.1	32.
S8708202	12928.	500.	0.	11.	2.	1.	10.	5.	0.8	43.
S8708203	12927.	500.	25.	21.	2.	2.	15.	5.	0.4	50.
S8708204	12926.	500.	50.	21.	1.	2.	20.	62.	4.5	276.
S8708205	12925.	500.	75.	11.	2.	2.	15.	10.	0.8	107.
S8708206	12924.	500.	100.	11.	2.	2.	10.	152.	2.2	118.
S8708207	12923.	500.	125.	21.	2.	2.	10.	118.	2.7	129.
S8708208	12922.	500.	150.	11.	1.	1.	10.	41.	1.8	112.
S8708209	12921.	500.	175.	11.	2.	2.	10.	16.	1.6	44.
S8708210	12920.	500.	200.	11.	1.	2.	15.	13.	1.2	54.
S8708211	12919.	500.	225.	21.	2.	2.	10.	38.	0.6	66.

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8708212	12918.	500.	250.	21.	1.	2.	15.	18.	1.2	38.
S8708213	12917.	500.	275.	21.	2.	2.	10.	20.	0.6	47.
S8708214	12916.	500.	300.	21.	1.	2.	10.	20.	1.7	44.
S8708215	12762.	600.	-600.	11.	1.	1.	10.	44.	0.2	10.
S8708216	12761.	600.	-575.	11.	1.	1.	10.	16.	0.2	14.
S8708217	12760.	600.	-550.	21.	1.	1.	15.	5.	0.2	12.
S8708218	12759.	600.	-525.	21.	1.	2.	15.	5.	0.2	7.
S8708219	12758.	600.	-500.	11.	2.	1.	10.	5.	0.2	6.
S8708220	12757.	600.	-475.	21.	1.	1.	15.	5.	0.2	5.
S8708221	12756.	600.	-450.	11.	1.	1.	15.	5.	0.4	15.
S8708222	12755.	600.	-425.	21.	2.	1.	15.	10.	0.5	21.
S8708223	12754.	600.	-400.	11.	1.	1.	10.	263.	4.6	43.
S8708224	12753.	600.	-375.	11.	1.	1.	10.	210.	2.3	82.
S8708225	12752.	600.	-350.	21.	1.	1.	15.	109.	5.3	31.
S8708226	12751.	600.	-325.	11.	1.	1.	10.	178.	2.	59.
S8708227	12750.	600.	-300.	11.	1.	1.	10.	10.	1.4	29.
S8708228	12749.	600.	-275.	11.	2.	1.	10.	120.	0.4	27.
S8708229	12748.	600.	-250.	21.	2.	1.	10.	10.	1.2	60.
S8708230	12747.	600.	-225.	21.	2.	1.	15.	602.	4.9	48.
S8708231	12746.	600.	-200.	11.	1.	1.	10.	92.	0.6	64.
S8708232	12745.	600.	-175.	21.	1.	2.	10.	81.	1.4	83.
S8708233	12744.	600.	-150.	21.	1.	1.	10.	67.	1.7	144.
S8708234	12743.	600.	-125.	21.	1.	2.	15.	20.	0.2	34.
S8708235	12742.	600.	-100.	21.	2.	1.	15.	39.	0.7	53.
S8708236	12741.	600.	-75.	21.	2.	1.	10.	11.	0.6	159.
S8708237	12740.	600.	-50.	21.	2.	1.	10.	23.	0.7	54.
S8708238	12739.	600.	-25.	11.	2.	1.	10.	34.	1.3	186.
S8708239	12806.	600.	0.	11.	2.	1.	10.	46.	2.8	379.
S8708240	12807.	600.	25.	11.	2.	1.	15.	191.	4.	128.
S8708241	12808.	600.	50.	12.	2.	1.	10.	91.	3.1	328.
S8708242	12809.	600.	75.	12.	2.	1.	15.	190.	3.8	141.
S8708243	12810.	600.	100.	21.	2.	2.	15.	36.	1.	61.
S8708244	12811.	600.	125.	21.	2.	2.	15.	17.	1.	70.
S8708245	12812.	600.	150.	21.	2.	2.	15.	100.	1.2	131.
S8708246	12813.	600.	175.	11.	2.	2.	10.	36.	1.4	68.
S8708247	12814.	600.	200.	11.	2.	2.	10.	18.	0.7	32.
S8708248	12815.	600.	225.	21.	2.	2.	15.	18.	0.2	12.
S8708249	12816.	600.	250.	21.	1.	2.	15.	5.	0.5	19.
S8708250	12817.	600.	275.	21.	2.	2.	10.	5.	0.6	10.
S8708251	12820.	600.	300.	21.	1.	2.	15.	5.	0.2	10.
S8708252	12784.	700.	-600.	11.	2.	1.	10.	5.	0.4	13.
S8708253	12785.	704.	-575.	11.	2.	1.	10.	20.	0.2	19.
S8708254	12786.	709.	-550.	11.	3.	1.	10.	16.	0.5	17.
S8708255	12787.	712.	-525.	12.	2.	1.	10.	5.	0.7	11.
S8708256	12788.	715.	-500.	12.	3.	1.	10.	5.	0.2	8.
S8708257	12789.	718.	-475.	12.	3.	1.	15.	5.	0.5	10.
S8708258	12790.	720.	-450.	12.	2.	1.	10.	5.	0.5	10.
S8708259	12791.	722.	-425.	12.	2.	1.	15.	5.	0.2	11.
S8708260	12792.	725.	-400.	12.	2.	1.	10.	5.	0.2	6.
S8708261	12793.	728.	-375.	22.	2.	1.	10.	5.	0.2	6.
S8708262	12794.	731.	-350.	22.	2.	1.	10.	5.	0.2	9.
S8708263	12795.	734.	-325.	22.	2.	1.	15.	5.	0.2	15.
S8708264	12796.	737.	-300.	11.	2.	1.	15.	5.	0.4	10.
S8708265	12797.	740.	-275.	11.	2.	1.	15.	5.	0.4	14.
S8708266	12798.	744.	-250.	11.	2.	2.	10.	5.	0.2	12.
S8708267	12799.	747.	-225.	11.	2.	1.	10.	5.	0.2	11.
S8708268	12800.	750.	-200.	21.	2.	2.	15.	5.	0.2	12.
S8708269	12801.	754.	-175.	21.	2.	2.	15.	5.	0.4	16.
S8708270	12802.	757.	-150.	21.	2.	2.	15.	5.	0.6	18.
S8708271	12803.	760.	-125.	21.	2.	2.	15.	5.	0.5	20.

SAMPLE NO.	FIELD#	EASTING	NORTHING	COLOUR	ORGANIC	WETNESS	DEPTH	AU	AG	PB
S8708272	12804.	763.	-100.	21.	2.	1.	10.	5.	0.6	15.
S8708273	12805.	750.	-75.	21.	2.	2.	15.	5.	0.2	10.
S8708274	12695.	735.	-50.	21.	2.	2.	15.	5.	0.2	13.
S8708275	12869.	720.	-25.	11.	2.	1.	10.	5.	1.4	149.
S8708276	12937.	700.	0.	12.	2.	1.	10.	5.	1.	101.
S8708277	12936.	700.	25.	12.	2.	1.	10.	144.	1.6	107.
S8708278	12819.	700.	50.	21.	1.	2.	15.	39.	1.1	122.
S8708279	12818.	700.	75.	21.	1.	2.	15.	82.	2.1	127.
S8708280	12836.	700.	100.	21.	1.	2.	15.	82.	2.8	169.
S8708281	12835.	700.	125.	11.	1.	2.	10.	123.	3.	159.
S8708282	12834.	700.	150.	21.	2.	2.	15.	79.	1.6	94.
S8708283	12833.	700.	175.	11.	1.	2.	15.	5.	0.4	21.
S8708284	12832.	700.	200.	11.	2.	2.	10.	5.	0.2	13.
S8708285	12831.	700.	225.	21.	1.	2.	15.	5.	0.2	7.
S8708286	12837.	700.	250.	21.	1.	2.	15.	5.	0.2	7.
S8708287	12857.	800.	-600.	11.	2.	2.	10.	11.	0.4	25.
S8708288	12856.	800.	-575.	12.	2.	1.	10.	5.	0.2	30.
S8708289	12855.	800.	-550.	12.	2.	1.	10.	10.	0.4	30.
S8708290	12854.	800.	-525.	12.	2.	1.	10.	67.	2.1	72.
S8708291	12853.	800.	-500.	12.	2.	1.	10.	5.	0.2	16.
S8708292	12852.	800.	-475.	12.	2.	1.	15.	5.	1.	23.
S8708293	12851.	800.	-450.	12.	1.	1.	10.	5.	0.2	13.
S8708294	12850.	800.	-425.	12.	3.	1.	10.	27.	0.2	10.
S8708295	12849.	800.	-400.	12.	3.	1.	10.	10.	0.4	6.
S8708296	12848.	800.	-375.	11.	1.	1.	15.	5.	0.2	11.
S8708297	12847.	800.	-350.	11.	1.	1.	10.	5.	0.2	8.
S8708298	12846.	800.	-325.	11.	1.	1.	10.	5.	0.2	8.
S8708299	12845.	800.	-300.	11.	2.	2.	15.	5.	0.2	9.
S8708300	12844.	800.	-275.	21.	2.	2.	10.	5.	0.2	8.
S8708301	12843.	800.	-250.	12.	2.	2.	15.	5.	0.2	11.
S8708302	12842.	800.	-225.	21.	3.	2.	15.	5.	0.2	11.
S8708303	12841.	800.	-200.	21.	2.	2.	15.	5.	0.2	10.
S8708304	12840.	800.	-175.	21.	1.	2.	20.	5.	0.2	11.
S8708305	12839.	800.	-150.	21.	2.	2.	15.	5.	0.2	12.
S8708306	12838.	800.	-125.	21.	2.	2.	15.	5.	0.4	16.
S8708307	12933.	800.	-100.	11.	2.	2.	15.	5.	0.4	14.
S8708308	12932.	800.	-75.	21.	2.	2.	15.	5.	0.2	12.
S8708309	12831.	800.	-50.	21.	2.	1.	10.	5.	0.4	15.
S8708310	12830.	800.	-25.	21.	2.	1.	15.	5.	0.7	9.
S8708311	12821.	800.	0.	11.	2.	1.	15.	5.	0.2	13.
S8708312	12822.	800.	25.	11.	2.	1.	10.	5.	0.4	16.
S8708313	12823.	800.	50.	12.	2.	1.	10.	5.	0.5	32.
S8708314	12824.	800.	75.	21.	2.	2.	10.	5.	0.2	27.
S8708315	12825.	800.	100.	11.	2.	2.	15.	5.	0.6	27.
S8708316	12826.	800.	125.	21.	1.	2.	15.	5.	0.5	23.
S8708317	12827.	800.	150.	21.	2.	2.	10.	5.	0.6	13.
S8708318	12828.	800.	175.	21.	1.	2.	15.	5.	0.4	13.
S8708319	12829.	800.	200.	21.	1.	2.	15.	5.	0.2	8.

ANOMALY "E"

SAMPLE NO.	FIELD#	EASTING	NORTHING	ORGANIC	WETNESS	DEPTH	HORIZON	PB	ZN	AG	AU	AS
S8706167	23330.	-200.	0.	3.	1.	20.	2.	112.	1730.	0.2	5.	51.
S8706168	23331.	-210.	-47.	1.	1.	15.	2.	84.	35.	0.7	5.	12.
S8706169	23332.	-215.	-90.	2.	1.	20.	2.	110.	83.	0.8	5.	75.
S8706170	23333.	-220.	-140.	3.	1.	15.	2.	90.	99.	1.1	5.	126.
S8706171	23334.	-225.	-180.	3.	1.	10.	2.	135.	103.	1.3	5.	145.
S8706172	23335.	-230.	-225.	2.	1.	10.	2.	55.	43.	0.5	5.	43.
S8706173	23336.	-237.	-270.	2.	1.	10.	2.	81.	92.	0.2	10.	51.
S8706174	23337.	-242.	-318.	2.	1.	10.	2.	140.	118.	0.2	5.	40.
S8706175	23338.	-249.	-360.	2.	1.	10.	2.	76.	178.	1.	5.	150.
S8706176	23339.	-255.	-400.	2.	1.	15.	2.	192.	94.	1.	5.	126.
S8706177	23340.	-260.	-448.	2.	1.	15.	2.	43.	79.	0.6	5.	78.
S8706178	23341.	-265.	-490.	2.	1.	10.	2.	36.	75.	0.7	5.	55.
S8706179	23342.	-270.	-538.	2.	1.	10.	2.	18.	63.	0.2	5.	31.
S8706180	23343.	-395.	-535.	2.	1.	10.	2.	27.	53.	0.2	5.	38.
S8706181	23344.	-385.	-495.	2.	1.	10.	2.	18.	50.	0.5	5.	29.
S8706182	23345.	-385.	-445.	2.	1.	10.	2.	53.	136.	0.2	20.	42.
S8706183	23346.	-385.	-405.	2.	1.	10.	2.	67.	89.	0.5	22.	87.
S8706184	23347.	-385.	-360.	2.	1.	15.	2.	53.	66.	1.2	11.	77.
S8706185	23348.	-385.	-320.	3.	1.	15.	2.	29.	39.	0.2	5.	22.
S8706186	23349.	-385.	-270.	2.	2.	10.	2.	24.	10.	0.2	5.	6.
S8706187	23350.	-385.	-230.	2.	2.	15.	2.	28.	60.	0.2	5.	13.
S8706188	23351.	-385.	-175.	2.	2.	15.	2.	50.	78.	1.2	11.	32.
S8706189	23352.	-385.	-132.	2.	1.	10.	2.	66.	124.	0.5	12.	43.
S8706190	23353.	-385.	-80.	2.	1.	10.	2.	74.	134.	0.9	20.	19.
S8706191	23354.	-385.	-45.	2.	1.	10.	2.	60.	86.	0.4	21.	28.
S8706192	23355.	-300.	0.	2.	1.	15.	2.	137.	163.	0.2	5.	36.
S8706193	23356.	-300.	50.	2.	1.	10.	2.	38.	77.	0.2	10.	20.
S8706194	23357.	-300.	100.	2.	1.	10.	2.	49.	87.	0.2	5.	32.
S8706195	23358.	-300.	150.	1.	1.	10.	2.	106.	121.	0.7	17.	80.
S8706196	23359.	-300.	200.	2.	1.	10.	2.	72.	106.	0.4	20.	44.
S8706197	23360.	-300.	250.	1.	1.	10.	2.	34.	110.	0.2	5.	32.
S8706198	23361.	-300.	300.	2.	1.	10.	2.	85.	87.	0.2	5.	72.
S8706199	23362.	-300.	350.	2.	1.	10.	2.	71.	87.	0.2	72.	60.
S8706200	23363.	-300.	400.	1.	1.	15.	2.	15.	60.	0.2	51.	15.
S8706201	23364.	-200.	400.	1.	1.	10.	2.	44.	111.	0.5	5.	54.
S8706202	23365.	-200.	350.	1.	1.	10.	2.	75.	74.	0.2	40.	84.
S8706203	23366.	-200.	300.	1.	1.	10.	2.	77.	90.	0.2	108.	57.
S8706204	23367.	-200.	250.	1.	1.	10.	2.	44.	63.	0.2	77.	47.
S8706205	23368.	-200.	200.	1.	1.	10.	2.	59.	98.	0.2	5.	35.
S8706206	23369.	-200.	150.	1.	1.	10.	2.	61.	117.	0.2	5.	30.
S8706207	23370.	-200.	100.	1.	1.	10.	2.	65.	208.	0.2	30.	44.
S8706208	23371.	-200.	50.	2.	2.	10.	2.	130.	530.	0.8	41.	50.
S8706209	23372.	-600.	0.	1.	2.	10.	2.	243.	203.	1.4	101.	153.
S8706210	23373.	-600.	-50.	3.	2.	15.	3.	20.	54.	0.2	5.	16.
S8706211	23374.	-600.	-90.	1.	1.	10.	3.	151.	109.	0.4	22.	41.
S8706212	23375.	-600.	-140.	3.	1.	10.	3.	19.	43.	0.2	11.	7.
S8706213	23376.	-600.	-180.	3.	2.	10.	3.	23.	43.	0.2	12.	9.
S8706214	23377.	-600.	-225.	2.	2.	10.	2.	950.	167.	1.6	150.	163.
S8706215	23378.	-600.	-270.				2.	48.	69.	0.2	30.	24.
S8706216	23379.	-600.	-320.	1.	2.	10.	2.	233.	314.	0.8	143.	88.
S8706217	23380.	-700.	-250.	1.	2.	10.	2.	129.	79.	0.6	121.	136.
S8706218	23381.	-700.	-215.	1.	2.	10.	2.	100.	70.	1.3	67.	65.
S8706219	23382.	-700.	-170.	3.	2.	15.	2.	273.	123.	0.4	5.	74.
S8706220	23383.	-700.	-128.	1.	2.	10.	2.	263.	296.	0.2	46.	107.
S8706221	23384.	-700.	-90.	1.	2.	10.	2.	56.	74.	0.5	38.	36.
S8706222	23385.	-700.	-48.	1.	1.	10.	2.	50.	71.	0.7	5.	37.
S8706223	23386.	-700.	0.	1.	1.	15.	2.	42.	60.	0.2	5.	28.
S8706224	23387.	-700.	50.	1.	1.	10.	2.	25.	49.	0.4	5.	18.
S8706225	23388.	-700.	100.	1.	1.	10.	2.	51.	71.	0.5	11.	31.
S8706226	23389.	-700.	150.	1.	1.	10.	2.	29.	60.	0.9	5.	22.

SAMPLE NO.	FIELD#	EASTING	NORTHING	ORGANIC	WETNESS	DEPTH	HORIZON	PB	ZN	AG	AU	AS
S8706227	23390.	-700.	200.	1.	1.	10.	2.	61.	104.	0.2	30.	60.
S8706228	23391.	-700.	250.	1.	1.	10.	2.	20.	48.	0.2	5.	12.
S8706229	23392.	-700.	300.	1.	1.	10.	2.	32.	69.	0.2	5.	30.
S8706230	23393.	-700.	350.	1.	1.	10.	2.	56.	89.	0.2	5.	52.
S8706231	23394.	-700.	400.	1.	1.	10.	2.	44.	139.	0.4	5.	30.
S8706232	23395.	-600.	400.	1.	1.	10.	2.	16.	68.	0.2	5.	14.
S8706233	23396.	-600.	350.	1.	1.	10.	2.	19.	75.	0.2	5.	28.
S8706234	23397.	-600.	300.	1.	1.	10.	2.	22.	47.	0.2	5.	14.
S8706235	23398.	-600.	250.	1.	1.	10.	2.	17.	31.	0.2	5.	8.
S8706236	23399.	-600.	200.	1.	1.	15.	2.	15.	26.	0.4	5.	10.
S8706237	23400.	-600.	150.	1.	1.	10.	2.	40.	57.	0.8	20.	50.
S8706238	23801.	-600.	100.	1.	1.	10.	2.	48.	121.	2.	17.	29.
S8706239	23802.	-600.	50.	1.	1.	10.	2.	45.	71.	0.6	11.	28.
S8706240	23803.	-400.	50.	1.	1.	10.	2.	55.	146.	0.4	5.	20.
S8706241	23804.	-400.	100.	1.	1.	10.	2.	66.	88.	0.7	5.	18.
S8706242	23805.	-400.	150.	1.	1.	10.	2.	89.	145.	0.9	5.	25.
S8706243	23806.	-400.	200.	1.	1.	10.	2.	89.	151.	0.7	5.	41.
S8706244	23807.	-400.	250.	1.	1.	10.	2.	41.	84.	0.2	5.	31.
S8706245	23808.	-400.	300.	1.	1.	10.	2.	18.	37.	1.	5.	12.
S8706246	23809.	-400.	350.	1.	1.	10.	2.	18.	91.	0.2	5.	15.
S8706247	23810.	-400.	400.	1.	1.	10.	2.	38.	80.	0.4	5.	24.
S8706248	23901.	-900.	0.	1.	1.	10.	2.	44.	84.	0.6	5.	15.
S8706249	23902.	-900.	-48.	1.	1.	10.	2.	24.	106.	0.2	5.	23.
S8706250	23903.	-900.	-90.	3.	1.	10.	2.	32.	89.	0.2	5.	24.
S8706251	23904.	-900.	-138.	1.	1.	15.	2.	55.	74.	1.	5.	27.
S8706252	23905.	-900.	-178.	1.	1.	10.	2.	54.	173.	1.4	5.	49.
S8706253	23906.	-900.	-225.	1.	2.	15.	2.	42.	58.	0.2	5.	44.
S8706254	23907.	-900.	-270.	1.	2.	15.	2.	54.	57.	1.	5.	60.
S8706255	23908.	-900.	-315.	1.	2.	15.	2.	27.	59.	0.2	5.	20.
S8706256	23909.	-900.	-370.	1.	2.	15.	2.	14.	73.	0.2	5.	13.
S8706257	23910.	-900.	-415.	1.	1.	10.	2.	47.	159.	0.2	5.	24.
S8706258	23911.	-900.	-460.	3.	1.	10.	3.	68.	198.	0.5	5.	48.
S8706259	23912.	-900.	-505.	1.	2.	15.	3.	76.	196.	0.4	20.	49.
S8706260	23913.	-900.	-555.	3.	2.	15.	3.	44.	155.	0.2	5.	46.
S8706261	23914.	-900.	-595.	2.	1.	10.	2.	14.	36.	0.2	5.	30.
S8706262	23915.	-800.	-595.	1.	1.	15.	2.	114.	231.	0.4	5.	64.
S8706263	23916.	-798.	-550.	1.	1.	10.	2.	23.	540.	0.5	10.	65.
S8706264	23917.	-795.	-500.	1.	1.	10.	2.	283.	214.	0.7	5.	103.
S8706265	23918.	-793.	-455.	1.	1.	10.	2.	64.	108.	0.2	5.	37.
S8706266	23919.	-790.	-410.	1.	1.	10.	2.	51.	43.	0.4	23.	113.
S8706267	23920.	-788.	-365.	1.	1.	10.	2.	104.	32.	1.	108.	177.
S8706268	23921.	-785.	-320.	2.	1.	10.	2.	125.	65.	0.6	5.	134.
S8706269	23922.	-783.	-270.	1.	1.	10.	2.	147.	74.	0.4	74.	149.
S8706270	23923.	-780.	-230.	1.	1.	10.	2.	103.	85.	0.9	20.	190.
S8706271	23924.	-778.	-175.	1.	1.	10.	2.	27.	41.	0.2	20.	26.
S8706272	23925.	-775.	-130.	1.	1.	10.	2.	11.	55.	0.2	5.	10.
S8706273	23926.	-772.	-95.	1.	1.	10.	2.	44.	83.	0.4	5.	52.
S8706274	23927.	-770.	-50.	1.	1.	10.	2.	47.	106.	0.9	5.	48.
S8706275	23928.	-800.	0.	1.	1.	10.	2.	14.	15.	0.4	5.	3.
S8706276	23929.	-800.	50.	1.	1.	10.	2.	21.	38.	0.2	5.	12.
S8706277	23930.	-800.	100.	1.	1.	10.	2.	26.	49.	0.9	33.	56.
S8706278	23931.	-800.	150.	1.	1.	10.	2.	71.	143.	0.5	5.	35.
S8706279	23932.	-800.	200.	3.	1.	10.	2.	73.	185.	0.6	5.	56.
S8706280	23933.	-800.	250.	1.	1.	10.	2.	24.	70.	0.2	5.	20.
S8706281	23934.	-800.	300.	1.	1.	10.	2.	20.	55.	1.7	5.	14.
S8706282	23935.	-800.	350.	1.	1.	10.	2.	45.	151.	0.4	5.	24.
S8706283	23936.	-800.	400.	1.	1.	10.	2.	52.	91.	0.2	5.	23.
S8706284	23937.	-900.	400.	1.	1.	10.	2.	99.	73.	0.8	5.	19.
S8706285	23938.	-900.	350.	1.	1.	10.	2.	51.	147.	0.2	10.	44.
S8706286	23939.	-900.	300.	1.	1.	10.	2.	51.	78.	0.2	22.	64.

SAMPLE NO.	FIELD#	EASTING	NORTHING	ORGANIC	WETNESS	DEPTH	HORIZON	PB	ZN	AG	AU	AS
S8706287	23940.	-900.	250.	1.	1.	10.	2.	20.	72.	0.2	10.	31.
S8706288	23941.	-900.	200.	1.	1.	10.	2.	25.	64.	0.4	5.	30.
S8706289	23942.	-900.	150.	1.	1.	10.	2.	117.	119.	1.3	31.	53.
S8706290	23943.	-900.	100.	3.	3.	15.	2.	54.	276.	0.2	21.	75.
S8706291	23944.	-900.	50.	1.	1.	10.	2.	35.	102.	0.2	12.	14.
S8706292	23320.	0.	400.	2.	1.	10.	2.	45.	56.	0.9	5.	18.
S8706293	23321.	0.	350.	2.	1.	10.	2.	145.	223.	0.4	41.	64.
S8706294	23322.	0.	300.	2.	1.	10.	2.	91.	179.	0.2	37.	45.
S8706295	23323.	0.	250.	2.	1.	10.	2.	97.	183.	0.2	11.	49.
S8706296	23325.	0.	150.	2.	1.	10.	2.	69.	530.	0.4	5.	30.
S8706297	23326.	0.	100.	2.	1.	10.	2.	118.	239.	0.2	5.	81.
S8706298	23327.	0.	50.	2.	1.	10.	2.	19.	67.	0.5	5.	15.
S8706299	58057.	0.	0.	2.	1.	10.	2.	96.	218.	0.6	5.	58.
S8706300	58058.	0.	-50.	2.	1.	10.	2.	69.	94.	0.5	5.	38.
S8706301	58059.	0.	-100.	2.	1.	10.	2.	64.	55.	2.1	5.	19.
S8706302	58060.	0.	-150.	2.	1.	10.	2.	92.	184.	1.2	5.	61.
S8706303	58061.	0.	-200.	2.	1.	10.	2.	165.	234.	1.4	17.	84.
S8706304	58062.	0.	-250.	2.	1.	10.	2.	75.	186.	0.2	5.	33.
S8706305	58063.	0.	-300.	2.	1.	10.	2.	550.	570.	1.4	5.	168.
S8706306	58064.	0.	-350.	2.	1.	10.	2.	18.	18.	0.8	5.	14.
S8706307	58065.	0.	-400.	2.	1.	10.	2.	94.	267.	1.4	5.	127.
S8706308	58066.	0.	-450.	2.	1.	10.	2.	67.	142.	0.8	5.	72.
S8706309	58067.	0.	-500.	2.	1.	10.	2.	57.	185.	0.2	5.	5.
S8706310	58068.	0.	-550.	2.	1.	10.	2.	43.	142.	0.2	5.	21.
S8706311	58069.	0.	-600.	2.	1.	10.	2.	34.	105.	0.2	5.	25.
S8706312	23312.	-100.	50.	2.	1.	10.	2.	158.	620.	0.7	5.	56.
S8706313	23313.	-100.	100.	2.	1.	10.	2.	121.	183.	0.6	12.	73.
S8706314	23314.	-100.	150.	2.	1.	10.	2.	67.	196.	0.2	5.	35.
S8706315	23315.	-100.	200.	2.	1.	10.	2.	66.	118.	0.4	5.	33.
S8706316	23316.	-100.	250.	2.	1.	10.	2.	31.	84.	0.2	5.	30.
S8706317	23317.	-100.	300.	2.	1.	10.	2.	38.	83.	0.2	14.	50.
S8706318	23318.	-100.	350.	2.	1.	10.	2.	127.	129.	0.2	21.	66.
S8706319	23319.	-100.	400.	2.	1.	10.	2.	50.	89.	0.7	20.	46.
S8706320	58070.	-100.	-600.	2.	1.	10.	2.	38.	74.	0.2	5.	56.
S8706321	58071.	-100.	-550.	2.	1.	10.	2.	35.	67.	0.8	10.	65.
S8706322	23301.	-100.	-500.	2.	1.	10.	2.	69.	75.	1.4	26.	154.
S8706323	23302.	-100.	-450.	2.	1.	10.	2.	61.	83.	0.8	11.	48.
S8706324	23303.	-100.	-400.	2.	1.	10.	2.	52.	99.	0.7	5.	39.
S8706325	23304.	-100.	-350.	2.	1.	10.	2.	37.	104.	0.8	400.	20.
S8706326	23305.	-100.	-300.	2.	1.	10.	2.	70.	131.	0.6	5.	9.
S8706327	23306.	-100.	-250.	2.	1.	10.	2.	43.	71.	0.9	5.	42.
S8706328	23307.	-100.	-200.	2.	1.	12.	2.	94.	97.	1.	10.	95.
S8706329	23308.	-100.	-150.	2.	1.	12.	2.	53.	200.	0.4	5.	45.
S8706330	23309.	-100.	-100.	2.	1.	12.	2.	263.	111.	1.9	5.	101.
S8706331	23310.	-100.	-50.	2.	1.	10.	2.	76.	222.	0.8	5.	31.
S8706332	23311.	-100.	0.			12.	2.	88.	288.	0.5	5.	43.
S8706333	23956.	200.	50.			12.	2.	85.	118.	1.9	5.	29.
S8706334	23957.	200.	100.			10.	2.	36.	105.	0.2	5.	22.
S8706335	23958.	200.	150.			10.	2.	28.	55.	0.6	5.	17.
S8706336	23959.	200.	200.			10.	2.	9.	32.	0.2	5.	7.
S8706337	23960.	200.	250.			15.	2.	55.	102.	0.2	5.	23.
S8706338	23961.	200.	300.			15.	2.	44.	113.	0.2	5.	22.
S8706339	23962.	200.	350.			10.	2.	22.	55.	0.4	5.	10.
S8706340	23963.	200.	400.			10.	2.	35.	85.	0.2	5.	39.
S8706341	23894.	200.	-600.			10.	2.	112.	96.	1.7	80.	153.
S8706342	23895.	200.	-550.			10.	2.	107.	82.	1.4	23.	105.
S8706343	23896.	200.	-500.			10.	2.	105.	78.	0.4	5.	81.
S8706344	23897.	200.	-450.			10.	2.	43.	98.	0.7	19.	47.
S8706345	23898.	200.	-400.			10.	2.	65.	53.	1.	5.	85.
S8706346	23899.	200.	-350.			10.	2.	133.	184.	0.5	37.	129.

SAMPLE NO.	FIELD#	EASTING	NORTHING	ORGANIC	WETNESS	DEPTH	HORIZON	PB	ZN	AG	AU	AS
S8706347	23900.	200.	-300.			12.	2.	292.	248.	1.1	76.	109.
S8706348	23950.	200.	-250.			12.	2.	51.	47.	1.7	5.	9.
S8706349	23951.	200.	-200.			12.	2.	71.	125.	0.7	5.	22.
S8706350	23952.	200.	-150.			12.	2.	92.	258.	0.5	5.	25.
S8706351	23953.	200.	-100.	2.	1.	12.	2.	116.	108.	0.2	5.	20.
S8706352	23954.	200.	-50.	2.	1.	15.	2.	70.	128.	0.8	5.	34.
S8706353	23955.	200.	0.	2.	1.	12.	2.	110.	237.	0.2	5.	51.
S8706354	23328.	-300.	-45.	2.	1.	10.	2.	123.	159.	0.2	17.	92.
S8706355	23329.	-300.	-95.	2.	1.	10.	2.	109.	150.	0.2	5.	18.
S8706356	23820.	-300.	-132.	2.	1.	12.	2.	101.	140.	1.2	36.	126.
S8706357	23821.	-300.	-175.	2.	1.	12.	2.	23.	25.	0.5	5.	13.
S8706358	23822.	-300.	-225.	2.	1.	12.	2.	62.	49.	0.6	21.	19.
S8706359	23823.	-300.	-273.	2.	1.	15.	2.	83.	89.	1.	20.	82.
S8706360	23824.	-300.	-318.	2.	1.	12.	2.	46.	50.	0.5	5.	22.
S8706361	23825.	-300.	-360.	2.	1.	15.	2.	20.	24.	0.8	5.	29.
S8706362	23826.	-300.	-400.	2.	1.	12.	2.	41.	37.	0.6	5.	45.
S8706363	23827.	-300.	-448.	2.	1.	12.	2.	39.	69.	0.2	5.	40.
S8706364	23828.	-300.	-500.	2.	1.	10.	2.	34.	50.	0.6	16.	65.
S8706365	23829.	-300.	-545.	2.	1.	12.	2.	23.	65.	0.9	10.	53.
S8706366	23870.	-1100.	90.	2.	1.	5.	2.	24.	464.	0.2	5.	11.
S8706367	23871.	-1100.	186.	2.	1.	6.	2.	42.	269.	0.5	5.	13.
S8706368	23872.	-1100.	280.	2.	1.	8.	2.	5.	158.	1.1	5.	8.
S8706369	23873.	-1100.	375.	2.	1.	8.	2.	27.	207.	0.9	5.	12.
S8706370	23861.	-1090.	-425.	2.	1.	10.	2.	7.	40.	0.2	5.	9.
S8706371	23862.	-1092.	-375.	2.	1.	8.	2.	18.	70.	0.2	5.	25.
S8706372	23863.	-1095.	-325.	2.	1.	10.	2.	20.	84.	0.2	5.	28.
S8706373	23864.	-1098.	-276.	2.	1.	8.	2.	14.	80.	0.2	5.	5.
S8706374	23865.	-1100.	-230.	2.	1.	8.	2.	10.	80.	0.2	5.	15.
S8706375	23866.	-1100.	-180.	2.	1.	8.	2.	10.	39.	0.2	5.	10.
S8706376	23867.	-1100.	-140.	2.	1.	8.	2.	6.	87.	0.4	5.	10.
S8706377	23868.	-1100.	-90.	2.	1.	6.	2.	15.	225.	1.5	5.	33.
S8706378	23869.	-1100.	0.	2.	1.	6.	2.	50.	277.	0.2	5.	13.
S8706379	23964.	115.	400.	2.	1.	12.	2.	78.	158.	0.7	13.	41.
S8706380	23965.	115.	350.	2.	1.	12.	2.	101.	158.	1.3	10.	43.
S8706381	23966.	115.	300.	2.	1.	8.	2.	66.	140.	0.7	5.	37.
S8706382	23967.	115.	250.	2.	1.	10.	2.	66.	130.	0.4	5.	36.
S8706383	23968.	115.	200.	2.	1.	12.	2.	114.	181.	0.8	5.	41.
S8706384	23969.	115.	150.	2.	1.	15.	2.	162.	164.	1.	20.	61.
S8706385	23970.	115.	100.	2.	1.	12.	2.	122.	161.	0.7	21.	64.
S8706386	23971.	115.	50.	2.	1.	10.	2.	271.	579.	1.	88.	112.
S8706387	23881.	115.	0.	2.	1.	10.	2.	83.	292.	0.9	5.	48.
S8706388	23882.	100.	-50.	2.	1.	10.	2.	81.	208.	0.2	5.	46.
S8706389	23883.	100.	-100.	2.	1.	10.	2.	139.	760.	0.8	5.	65.
S8706390	23884.	100.	-150.	2.	1.	10.	2.	77.	383.	0.8	5.	53.
S8706391	23885.	100.	-200.	2.	1.	10.	2.	26.	16.	0.8	5.	28.
S8706392	23886.	100.	-250.	2.	1.	10.	2.	22.	17.	0.8	5.	18.
S8706393	23887.	100.	-300.	2.	1.	12.	2.	60.	71.	1.4	5.	70.
S8706394	23888.	100.	-350.	2.	1.	12.	2.	43.	61.	0.4	5.	71.
S8706395	23889.	100.	-400.	2.	1.	12.	2.	105.	76.	2.5	27.	182.
S8706396	23890.	100.	-450.	2.	1.	10.	2.	52.	63.	1.	16.	155.
S8706397	23891.	100.	-500.	2.	1.	10.	2.	78.	39.	2.6	37.	149.
S8706398	23892.	100.	-550.	2.	1.	8.	2.	506.	110.	3.1	103.	205.
S8706399	23893.	100.	-600.	2.	1.	10.	2.	23.	23.	1.4	12.	166.
S8706400	23843.	-500.	50.	2.	1.	12.	2.	32.	51.	0.6	29.	24.
S8706401	23844.	-500.	100.	2.	1.	12.	2.	44.	253.	1.9	18.	15.
S8706402	23845.	-500.	150.	2.	1.	12.	2.	82.	151.	0.5	5.	37.
S8706403	23846.	-500.	200.	2.	1.	15.	2.	44.	79.	0.2	5.	25.
S8706404	23847.	-500.	250.	2.	1.	12.	2.	41.	73.	0.4	5.	34.
S8706405	23848.	-500.	300.	2.	1.	12.	2.	34.	94.	0.2	17.	29.
S8706406	23849.	-500.	350.	2.	1.	15.	2.	17.	69.	0.2	5.	20.

SAMPLE NO.	FIELD#	EASTING	NORTHING	ORGANIC	WETNESS	DEPTH	HORIZON	PB	ZN	AG	AU	AS
S8706407	23850.	-500.	400.	2.	1.	12.	2.	27.	92.	0.2	5.	20.
S8706408	23830.	-500.	-535.	2.	1.	10.	2.	24.	132.	0.2	5.	12.
S8706409	23831.	-500.	-490.	2.	1.	12.	2.	81.	190.	0.2	5.	33.
S8706410	23832.	-500.	-448.	2.	1.	12.	2.	71.	127.	0.5	5.	82.
S8706411	23833.	-500.	-400.	2.	1.	10.	2.	55.	117.	0.2	5.	34.
S8706412	23834.	-500.	-355.	2.	1.	15.	2.	77.	45.	0.2	5.	74.
S8706413	23835.	-500.	-310.	2.	1.	10.	2.	65.	32.	0.2	5.	45.
S8706414	23836.	-500.	-270.	2.	1.	12.	2.	46.	26.	0.5	5.	20.
S8706415	23837.	-500.	-215.	2.	1.	12.	2.	357.	168.	5.4	613.	318.
S8706416	23838.	-500.	-175.	2.	1.	12.	2.	199.	138.	3.	236.	214.
S8706417	23839.	-500.	-127.	2.	1.	12.	2.	49.	19.	0.7	5.	22.
S8706418	23840.	-500.	-90.	2.	1.	10.	2.	78.	90.	1.	40.	43.
S8706419	23841.	-500.	-48.	2.	1.	12.	2.	41.	39.	1.	31.	30.
S8706420	23842.	-500.	0.	2.	1.	12.	2.	42.	48.	2.2	16.	22.
S8706421	23851.	-1000.	0.	2.	1.	8.	2.	23.	136.	0.8	5.	11.
S8706422	23852.	-1000.	-50.	2.	1.	8.	2.	21.	168.	0.7	5.	18.
S8706423	23853.	-1000.	-90.	2.	1.	12.	2.	17.	51.	0.2	5.	27.
S8706424	23854.	-1000.	-140.	2.	1.	10.	2.	10.	41.	0.2	5.	20.
S8706425	23855.	-1000.	-185.	2.	1.	10.	2.	26.	89.	0.2	5.	16.
S8706426	23856.	-1000.	-230.	2.	1.	10.	2.	11.	46.	0.2	5.	22.
S8706427	23857.	-1000.	-420.	2.	1.	10.	2.	6.	25.	0.2	5.	14.
S8706428	23858.	-1000.	-465.	2.	1.	10.	2.	10.	27.	0.2	5.	13.
S8706429	23859.	-1000.	-510.	2.	1.	8.	2.	19.	44.	0.2	5.	17.
S8706430	23860.	-1000.	-555.	2.	1.	9.	2.	17.	89.	0.2	5.	74.
S8706431	23874.	-1000.	370.	2.	1.	10.	2.	72.	195.	0.2	5.	33.
S8706432	23875.	-1000.	323.	2.	1.	10.	2.	15.	108.	0.2	5.	6.
S8706433	23876.	-1000.	275.	2.	1.	10.	2.	16.	147.	0.2	5.	7.
S8706434	23877.	-1000.	230.	2.	1.	10.	2.	28.	100.	0.5	5.	19.
S8706435	23878.	-1000.	180.	2.	1.	10.	2.	17.	91.	0.2	5.	29.
S8706436	23879.	-1000.	140.	2.	1.	12.	2.	22.	139.	0.2	5.	46.
S8706437	23880.	-1000.	95.	2.	1.	12.	2.	30.	201.	0.4	5.	32.

BLANK SPACES REPRESENT NUMBERS THAT ARE MISSING OR HAVE OTHERWISE BEEN CODED AS "SPECIAL VALUES". ALL Q'GAS PROGRAMS RECOGNIZE THESE VALUES AS MISSING AND TREAT THEM ACCORDINGLY.

APPENDIX "E"

HOWELL-WD

Job V 87-0522R

A-GRID

Report Date 5 OCT 1987

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Pb PPM
R8717421	H-87-1	60	5	1.7	40
R8717422	H-87-2	<10	5	<.4	20
R8717423	H-87-3	120	5	1.9	31
R8717424	H-87-4	98	5	1.5	32
R8717425	H-87-5	120	5	.9	41
R8717426	H-87-6	20	5	.8	55
R8717427	H-87-7	102	5	.6	23
R8717428	H-87-8			2.9	91
R8717429	H-87-9	24	5	1.2	15
R8717430	H-87-10	60	5	2.7	27
R8717431	H-87-11	38	5	.4	11
R8717432	H-87-12	22	5	<.4	4
R8717433	H-87-13	40	5	3.1	34
R8717434	H-87-14	26	5	.6	82
R8717435	H-87-15	<10	5	<.4	8
R8717436	H-87-16	<10	5	<.4	10
R8717437	H-87-17	<10	5	<.4	8
R8717438	H-87-18	20	5	.8	67
R8717439	H-87-19	86	5	18.5	1410
R8717440	H-87-20	36	5	2.4	68
R8717441	H-87-21	824	5		
R8717442	H-87-22	<10	5	.9	375
R8717443	H-87-23	<10	5	.7	47
R8717444	H-87-24	<10	5	2.8	168
R8717445	H-87-25	<10	5	3.1	1460
R8717446	H-87-26	4000	5	4.6	104
R8717447	H-87-27	42	5	2.6	317
R8717448	H-87-28	46	5	.6	320
R8717449	H-87-29	<10	5	.4	15
R8717450	H-87-30	24	5	.4	42
R8717451	H-87-31	240	5	.7	59
R8717452	H-87-32	176	5	3.4	77
R8717453	H-87-33	60	5	4.7	579
R8717454	H-87-34	64	5	1.1	72
R8717455	H-87-35	24	5	<.4	21
R8717456	H-87-36	20	5	<.4	<4
R8717457	H-87-37	32	5	<.4	62

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED

IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Au Aqua Regia Decomposition / Solvent Extraction / AAS

Wt Au The weight of sample taken to analyse for Gold (Geochem)

Ag Aqua Regia Decomposition / AAS

Pb Aqua Regia Decomposition / AAS

APPENDIX "F"

HOWELL-WD

JOB V 87-0379R
REPORT DATE 2 SEP 1987

LAB NO	FIELD NUMBER	Pb PPM	Zn PPM	Ag PPM	Au PPB	Wt Au GRAM	As PPM
R8710982	H87R01	8	13	<.4	<10	5	3
R8710983	H87R02	50	5	<.4	<10	5	11
R8710984	H87R03	144	5	1.3	<10	5	55
R8710985	H87R04	192	5	2.1	42	5	33
R8710986	H87R05	37	5	.6	32	5	79
R8710987	H87R06	4	16	<.4	<10	5	4
R8710988	H87R07	<4	16	<.4	<10	5	6
R8710989	H87R08	30	75	<.4	<10	5	2
R8710990	H87R09	164	8	1	40	5	59
R8710991	H87R10	15	5	1.5	64	5	10
R8710992	H87R11				60	5	28
R8710993	H87R12	6	48	<.4	<10	5	<2
R8710994	H87R13	2770	134	3	<10	5	129
R8710995	H87R14	1860	100	1.6	86	5	172
R8710996	H87R15	39	96	<.4	<10	5	26
R8710997	H87R16	47	71	<.4	<10	5	40
R8710998	H87R17	58	61	.4	<10	5	49
R8710999	H87R18	206	108	<.4	40	5	67
R8711001	H87R20	23	145	<.4	<10	5	5
R8711002	H87R21	72	166	<.4	<10	5	10
R8711003	H87R22	32	212	.5	<10	5	22
R8711004	H87R23	117	660	<.4	<10	5	49
R8711005	H87R24	473	517	.5	<10	5	28
R8711006	H87R25	118	413	<.4	52	5	33
R8711007	H87R26	19	130	<.4	<10	5	<2
R8711008	CDH1	41	133	<.4	<10	5	<2
R8711009	CDH2	6	28	<.4	<10	5	4

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

- Pb AQUA REGIA DECOMPOSITION / AAS
- Zn AQUA REGIA DECOMPOSITION / AAS
- Ag AQUA REGIA DECOMPOSITION / AAS
- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
- As PYROSULPHATE FUSION / COLORIMETRIC

Silf sist

R-1

CDH-2

sist

syenite

Silf sist

R-13 galena Float

R-14

Galena in syenite-trachyte complex

R-15 to 26

CDH-2 syenite

hornfelsed sist & chert

syenite

R-3 qtz veins in syenite

R-4 qtz vein

R-2 qtz vein

R-9 pyritic syenite

R-10 sil syenite

R-11 qtzite

R-12 green cherts & sist

syenite

qtzite & green cherts

qtzite

R-5 pyritic syenite

med bedd calcareous sist

R-8

dolomitized lst fault bx

R-6 thick bedd dirty lst

R-7

METRES 0 100 200 300 400

HOWELL CLAIMS

82G/2

COMINCO

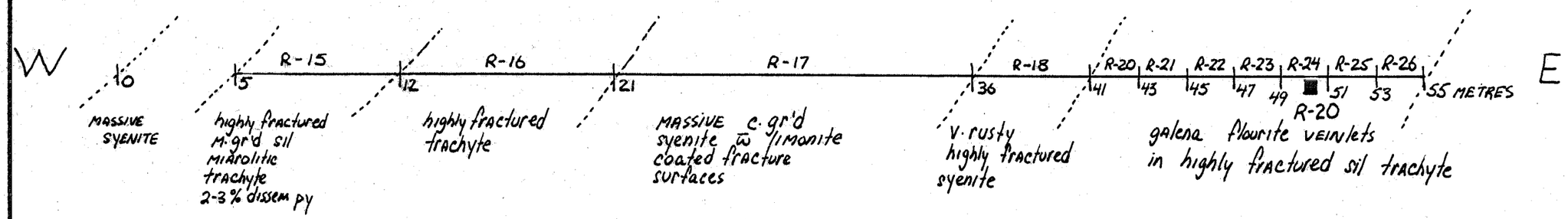
Drawn by TF	Traced by
Revised by Date	Revised by Date

GEOCHEMISTRY/GEOLOGY

ANOMALY E

Scale: 1 : 5,000 | Date Aug , 1987 | Plate 87-4

BLUFF FACE



0 2 4 6 8 10 metres

HOWELL CLAIMS 82G / 2

Cominco

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

ANOMALY E
DETAILED ROCK CHIP SAMPLES
LOCATION MAP

Scale: 1 : 200 | Date: AUG 1987 | Plate: 87 - 13

210-0620

1 - CL

R-1

CDH-2

R-13

R-14

R-15 to 26

CDH-2

R-3

R-4

R-2

R-5

R-9

R-11

R-10

R-12

R-8

R-6

R-7

METRES 0 100 200 300 400

HOWELL CLAIMS

82G/2

Cominco

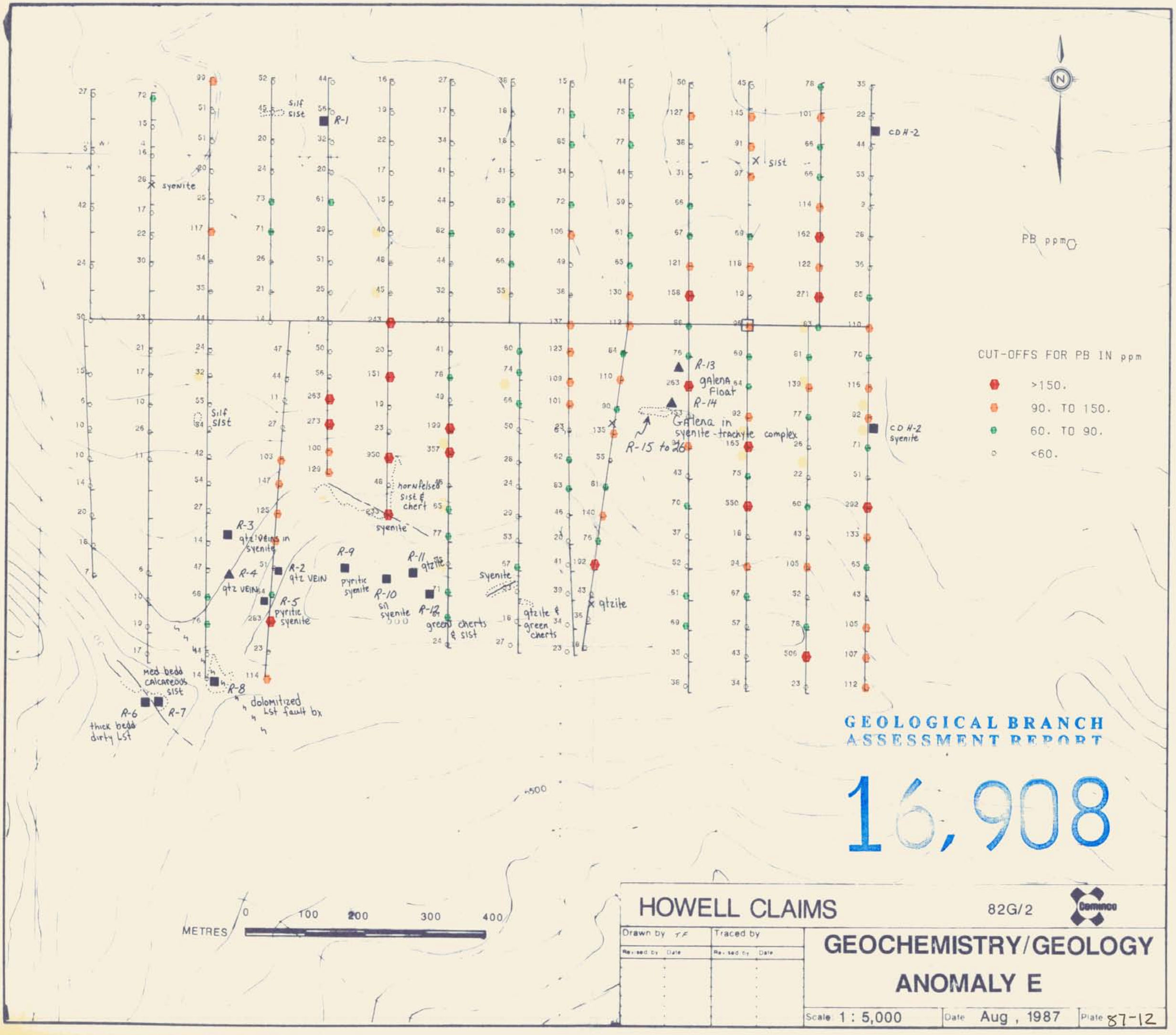
Drawn by TF	Traced by
Revised by Date	Revised by Date

ROCK SAMPLE LOCATION MAP

ANOMALY E

Scale: 1 : 5,000 | Date Aug , 1987 | Plate 87-6

CL



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,908

HOWELL CLAIMS

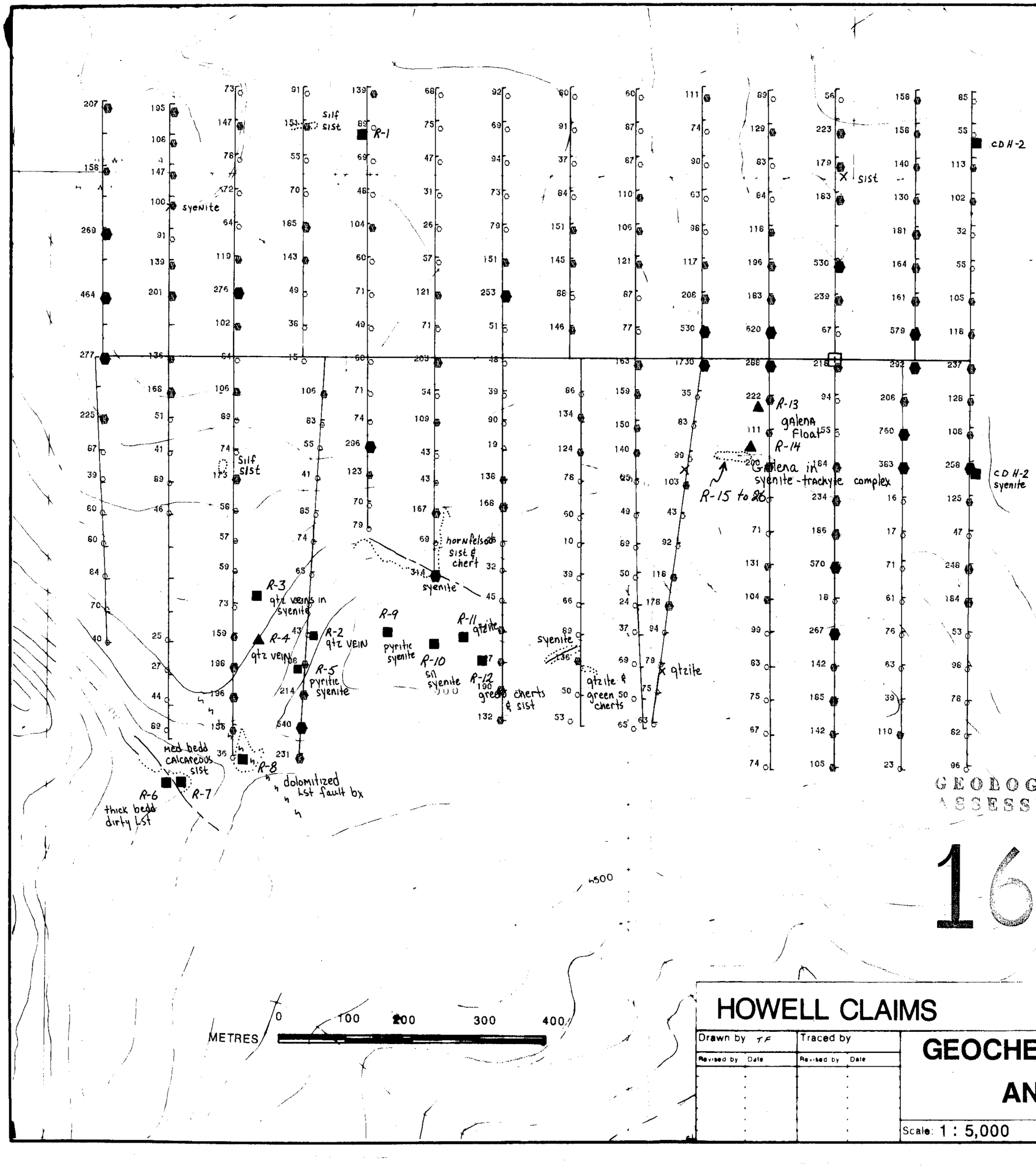
82G/2

Cominco

Drawn by TF	Traced by
Revised by Date	Revised by Date

GEOCHEMISTRY/GEOLOGY
ANOMALY E

Scale 1 : 5,000 | Date Aug , 1987 | Plate 87-12



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,908

HOWELL CLAIMS

82G/2

Drawn by TF | Traced by

Revised by Date | Revised by Date

GEOCHEMISTRY/GEOLOGY
ANOMALY E

Scale: 1 : 5,000 | Date Aug , 1987 | Plate 87-11

N

ZN ppm

CUT-OFFS FOR ZN IN ppm

- >250.
- 160. TO 250.
- 100. TO 160.
- <100.

Silf sist

R-1

CDH-2

sist

syenite

Silf sist

R-13 galena Float

R-14 Galena in syenite-trachyte complex

R-15 to 26

CDH-2 syenite

R-3 qtz veins in syenite

R-4 qtz VEIN

R-2 qtz VEIN

R-5 pyritic syenite

R-9 pyritic syenite

R-10 sil syenite

R-11 qtzite

R-12 green cherts & sist

hornfelsed sist & chert

syenite

syenite

qtzite & green cherts

qtzite

med bedd calcareous sist

R-6 thick bedd dirty Lst

R-7

R-8

dolomitized Lst fault bx

METRES 0 100 200 300 400

HOWELL CLAIMS

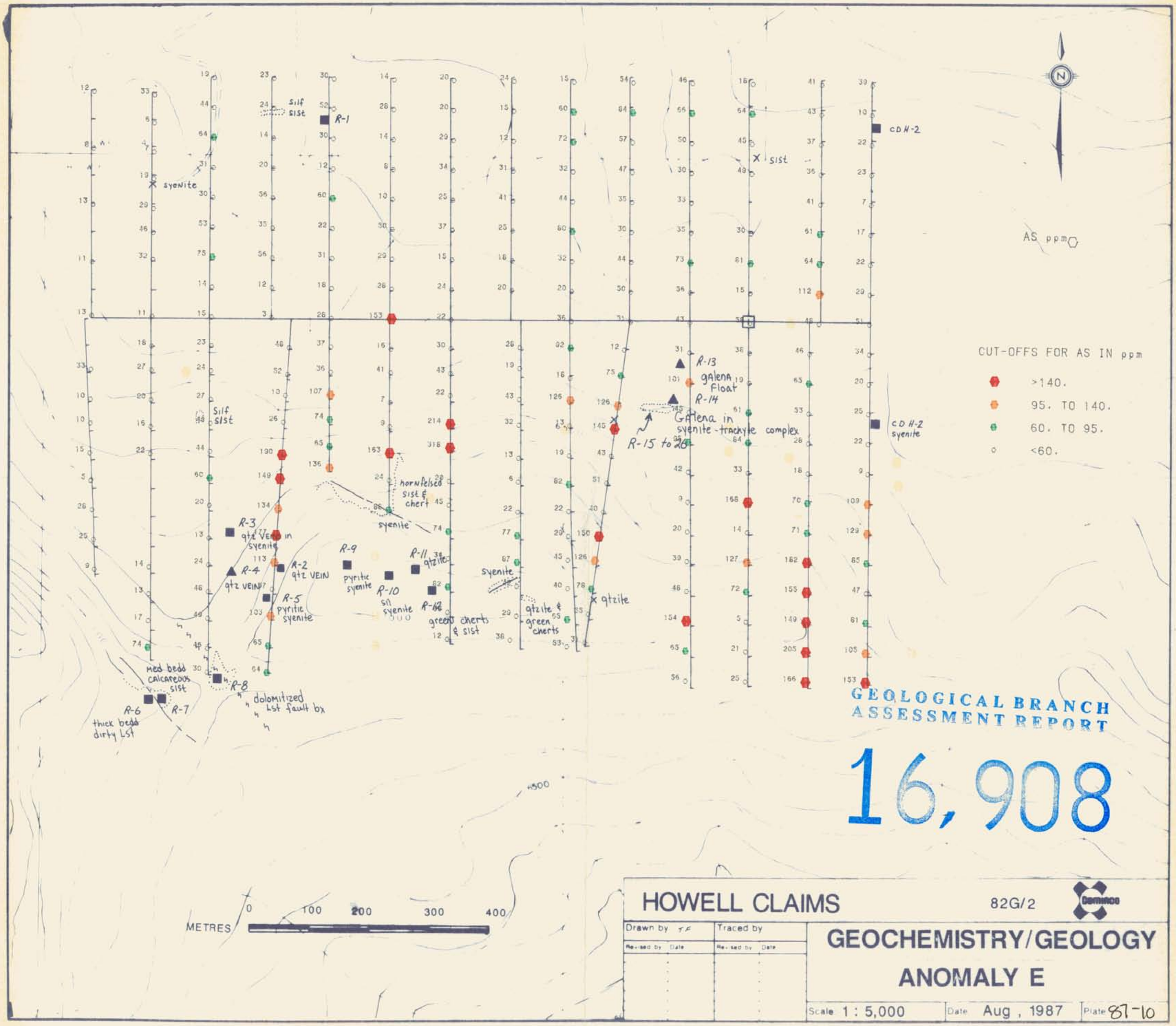
82G/2

Cominco

Drawn by TF	Traced by
Revised by Date	Revised by Date

GEOCHEMISTRY/GEOLOGY
ANOMALY E

Scale 1 : 5,000 | Date Aug , 1987 | Plate 87-11



HOWELL CLAIMS

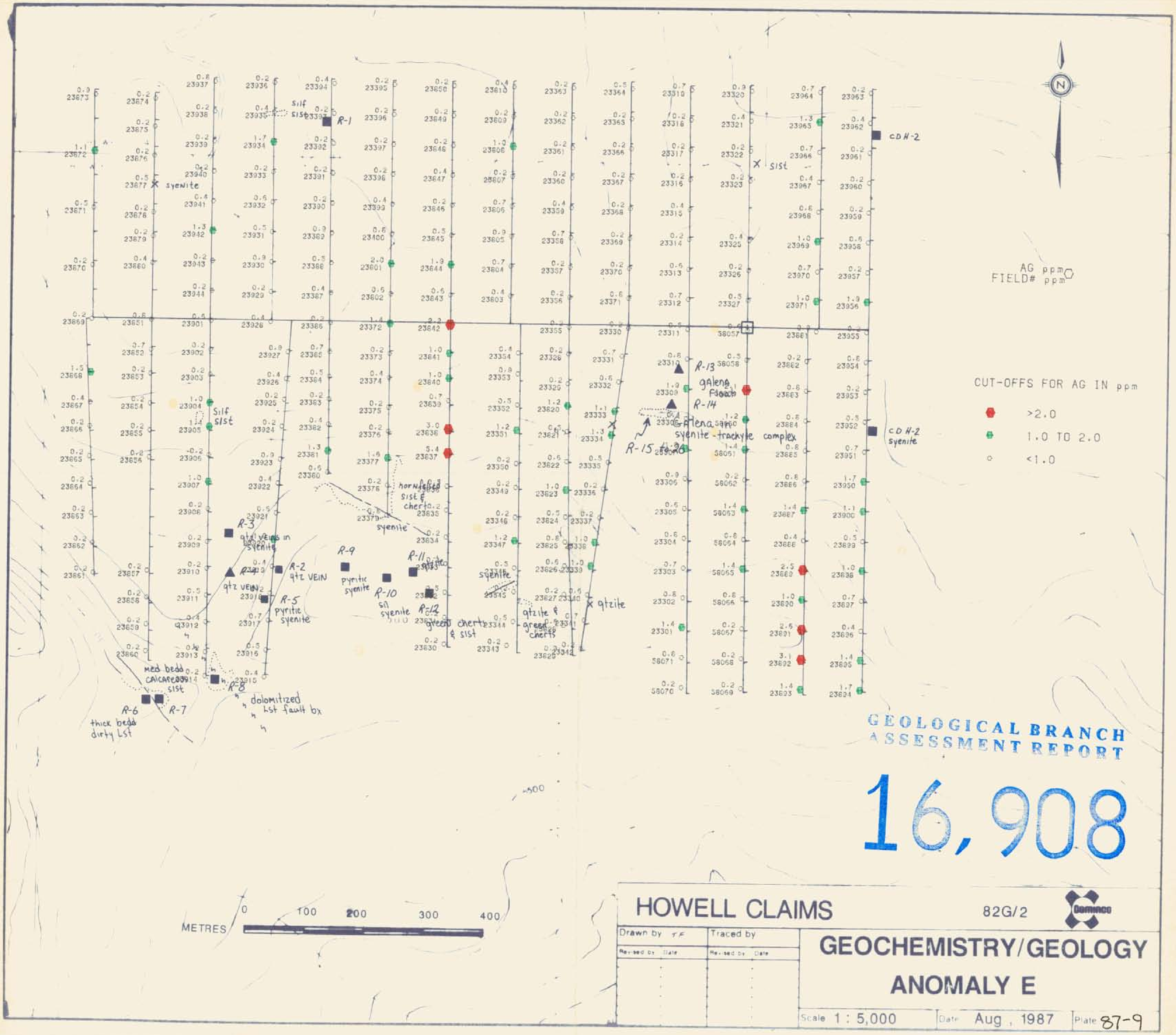
82G/2

Cominco

Drawn by	Traced by
Revised by / Date	Revised by / Date

GEOCHEMISTRY/GEOLOGY
ANOMALY E

Scale 1 : 5,000 | Date Aug , 1987 | Plate 87-10



HOWELL CLAIMS
82G/2
GEOCHEMISTRY/GEOLOGY
ANOMALY E
Drawn by T.F.
Traced by
Scale 1 : 5,000
Date Aug., 1987
Plate 87-9
METRES 0 100 200 300 400
AG ppm
FIELD# ppm
CUT-OFFS FOR AG IN ppm
>2.0
1.0 TO 2.0
<1.0
CDH-2
CDH-2 syenite
R-1
R-2 qtz VEIN
R-3 qtz veins in syenite
R-4 qtz VEIN
R-5 pyritic syenite
R-6 thick bedd dirty Lst
R-7
R-8 dolomitized Lst fault bx
R-9 pyritic syenite
R-10 sil syenite
R-11
R-12 green cherts & sist
R-13 galena float
R-14 Galena
R-15
syenite - trachyte complex
syenite
silf sist
hornfelsed sist & chert
med bedd calcareous sist
qtzite
qtzite & green cherts
sist
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,908

N

AU ppb

CUT-OFFS FOR AU IN ppb

- >100.
- 50. TO 100.
- 30. TO 50.
- <30.

Silf sist

R-1

CDH-2

syenite

sist

Silf sist

R-13 galena Float

R-14

Galena in syenite-trachyte complex

R-15 to 26

CDH-2 syenite

hornfelsed sist & chert

syenite

R-3 qtz VEIN in syenite

R-4 qtz VEIN

R-2 qtz VEIN

R-5 pyritic syenite

R-9 pyritic syenite

R-10 sil syenite

R-11 qtzite

R-12 green cherts & sist

syenite

qtzite & green cherts

qtzite

med beds calcareous sist

R-6 thick beds dirty Lst

R-7

R-8

dolomitized Lst fault bx

+500

METRES 0 100 200 300 400

HOWELL CLAIMS

82G/2

Cominco

Drawn by TF	Traced by
Revised by Date	Revised by Date

GEOCHEMISTRY/GEOLOGY

ANOMALY E

Scale 1 : 5,000 | Date Aug , 1987 | Plate 87-8

ANOMALY C

ANOMALY B

ANOMALY A

HOWELL 5

HOWELL 2

HOWELL 3

MATCH LINE

LCP

J 21-2,3

J 21-4

J 21-7

J 21-10

J 21-9

J 21-8

Twentynine Mile Creek

6800'

6500'

6000'

5500'

5000'

N

TRUE

MAGNETIC

SOIL SAMPLE LOCATION
Au (ppb), Ag (ppm), Pb (ppm)

CLAIM BOUNDARY
(APPROXIMATE LOCATION)

LCP LEGAL CORNER POST

CREEK

GRAVEL ROAD

CONTOUR ELEVATIONS IN FEET

SHEET 3

SHEET 1 | SHEET 2

YARDS 100 0 100 200 300 400

METRES 100 0 100 200 300 400

HOWELL CLAIMS

NTS 82 G-2

Drawn by:

Traced by: W. C. W.

Revised by	Date	Revised by	Date
G. M. B.	June '86		

SHEET 2

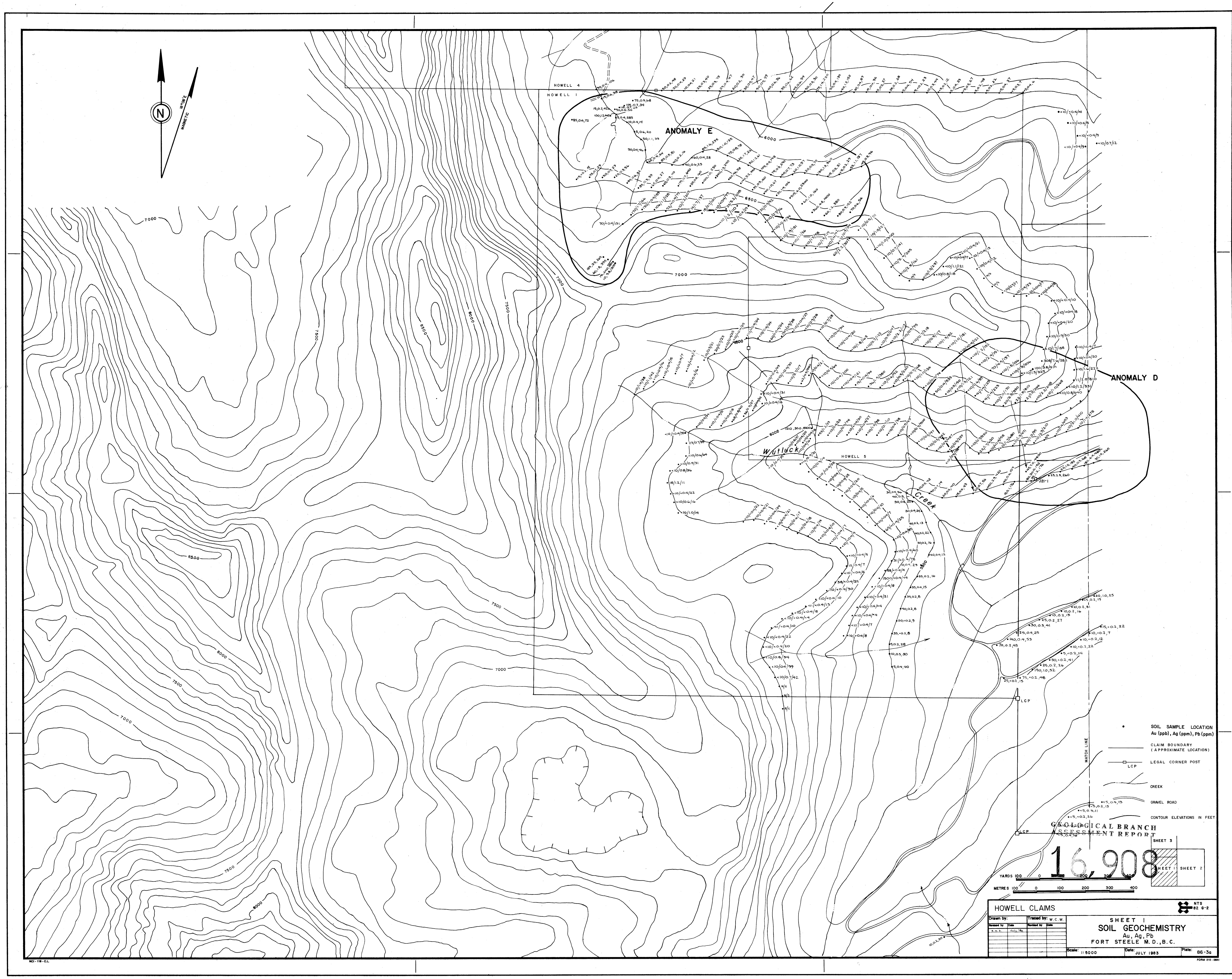
SOIL GEOCHEMISTRY

Au, Ag, Pb

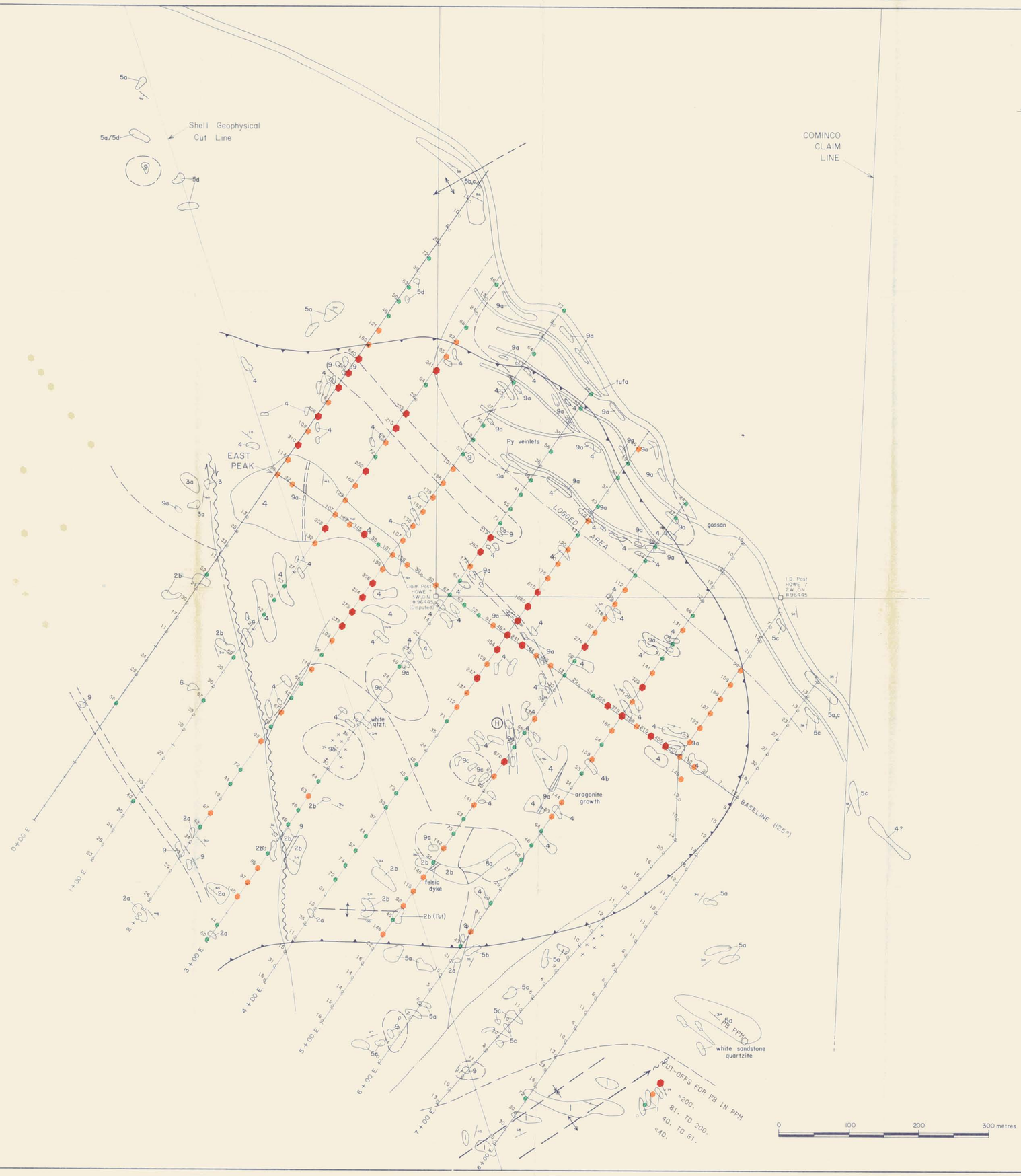
FORT STEELE M. D., B. C.

Scale: 1:5000 Date: JULY 1985 Plate: 86-3b

FORM 215 - 0680



N
MAGNETIC
HOWELL 4
HOWELL 1
HOWELL 5
ANOMALY E
ANOMALY D
Wutluck Creek
7000
7500
8000
8500
6000
6500
MATCH LINE
LCP
SOIL SAMPLE LOCATION
Au (ppb), Ag (ppm), Pb (ppm)
CLAIM BOUNDARY
(APPROXIMATE LOCATION)
LEGAL CORNER POST
CREEK
GRAVEL ROAD
CONTOUR ELEVATIONS IN FEET
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,908
SHEET 3
SHEET 1
SHEET 2
YARDS 100 0 100 200 300 400
METRES 100 0 100 200 300 400
HOWELL CLAIMS
NTS
82 G-2
Drawn by:
Traced by: W.C.W.
Revised by
Date
a.m.b.
July '86
SHEET 1
SOIL GEOCHEMISTRY
Au, Ag, Pb
FORT STEELE M.D., B.C.
Scale: 1:5000
Date: JULY 1983
Plate: 86-3a
FORM 210-0680



N

LEGEND

9	Syenite; 9a - Altered
8	Trachyte; 8a - Altered

Age Unknown

6	Gabbro

Mesozoic - Upper Cretaceous

5	Alberta Group: 5a - Black to White-Grey Sandstones; 5b - Siltstones; 5c - Mudstones; 5d - Pebble Sandstone

Cambrian

4	Elko Formation: Grey to Grey-Black Limestone to Dolomite, Locally Brecciated, Often Containing H_2S
3	Flathead Formation: 3a - Yellow to Reddish Maroon Quartz Sandstones; 3b - Siltstone
2	Kintla Formation: Member 'C': 2a - Red, Hematitic, Fine and Medium Grained Quartzite and Sandstone; 2b - Green Argillaceous Siltstone

Age Unknown

1	Chocolate Brown Limestone

- bedding attitude
- fault; inferred, thrust
- logging boundary
- stream
- geological contact
- road
- outcrop; subcrop
- claim line; corner post; I.D. post

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,908

HOWELL PROPERTY

82 G/2

Drawn by: T. J. T.	Traced by: a. m. b.
Revised By / Date	Revised By / Date

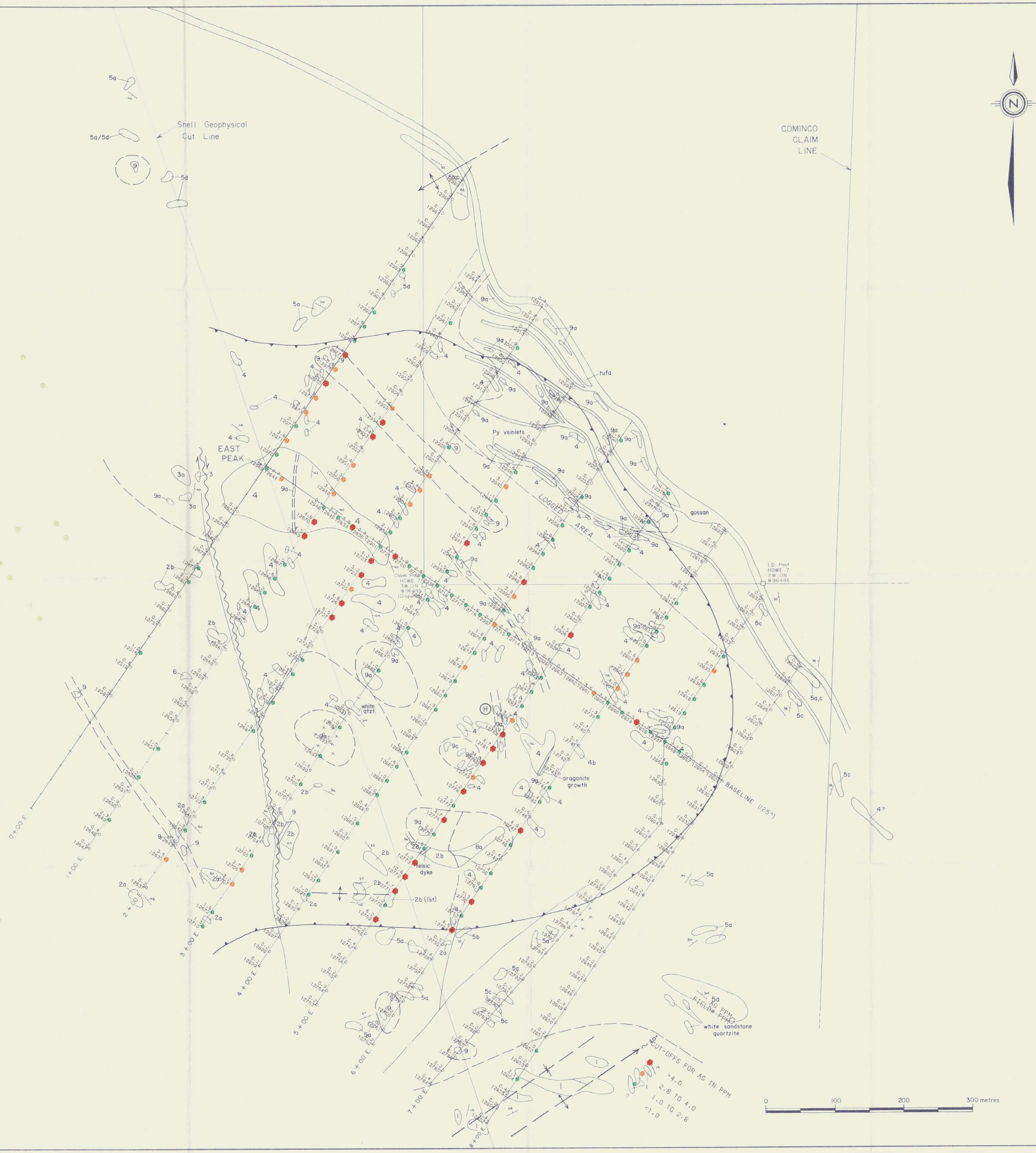
GEOCHEMISTRY/GEOLOGY

ANOMALY A

FORT STEELE M.D., B.C.

Scale: 1 : 2,500 | Date: Sept., 1987 | Plate: 87-3

FORM 210 - 0670



LEGEND

9	Syenite; 9a - Altered
8	Trachyte; 8a - Altered
	Age Unknown
6	Gabbro
	Mesozoic - Upper Cretaceous
5	Alberta Group: 5a - Black to White-Grey Sandstones; 5b - Siltstones; 5c - Mudstones; 5d - Pebble Sandstone
	Cambrian
4	Elko Formation: Grey to Grey-Black Limestone to Dolomite, Locally Brecciated, Often Containing H_2S
3	Flathead Formation: 3a - Yellow to Reddish Maroon Quartz Sandstones; 3b - Siltstone
2	Kintla Formation: Member 'C': 2a - Red, Hematitic, Fine and Medium Grained Quartzite and Sandstone; 2b - Green Argillaceous Siltstone
	Age Unknown
1	Chocolate Brown Limestone

bedding attitude
road
fault; inferred, thrust
outcrop; subcrop
logging boundary
claim line; corner post; I.D. post
stream
geological contact

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,908

HOWELL PROPERTY

Cominco 82 G/2

Drawn by: T. J. T. | Traced by: a. m. b.

Revised by | Date | Revised by | Date

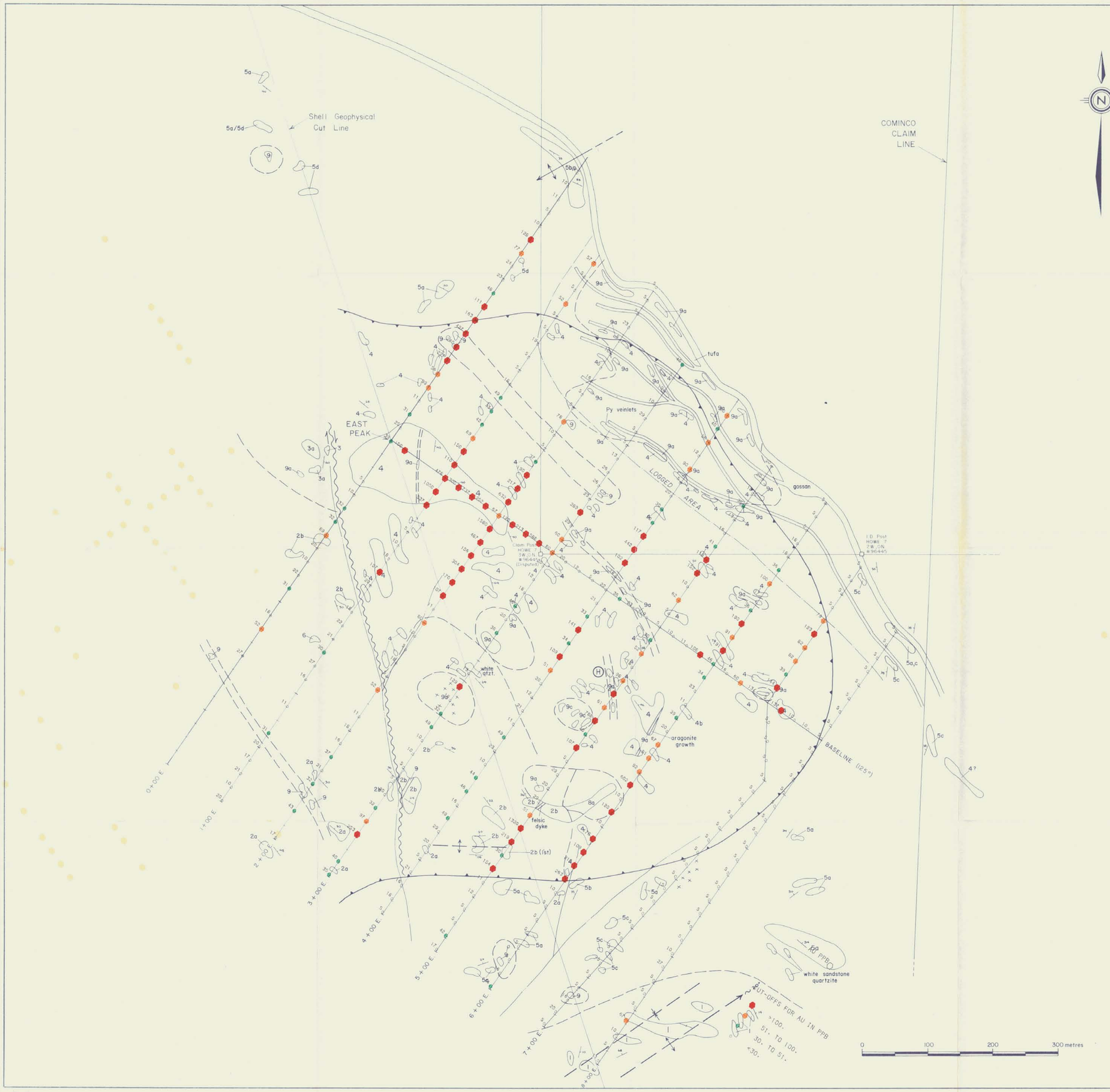
GEOCHEMISTRY/GEOLOGY

ANOMALY A

FORT STEELE M.D., B.C.

Scale: 1 : 2,500 | Date: Sept., 1987 | Plate 87-2

FORM 210



LEGEND

- 9 — Syenite; 9a - Altered
- 8 — Trachyte; 8a - Altered

Age Unknown

- 6 — Gabbro

Mesozoic - Upper Cretaceous

- 5 — Alberta Group: 5a - Black to White-Grey Sandstones; 5b - Siltstones; 5c - Mudstones; 5d - Pebble Sandstone

Cambrian

- 4 — Elko Formation: Grey to Grey-Black Limestone to Dolomite, Locally Brecciated, Often Containing H_2S
- 3 — Flathead Formation: 3a - Yellow to Reddish Maroon Quartz Sandstones; 3b - Siltstone
- 2 — Kintla Formation: Member 'C': 2a - Red, Hematitic, Fine and Medium Grained Quartzite and Sandstone; 2b - Green Argillaceous Siltstone

Age Unknown

- 1 — Chocolate Brown Limestone

bedding attitude
fault; inferred, thrust
logging boundary
stream
geological contact
road
outcrop; subcrop
claim line; corner post; I.D. post

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,908

HOWELL PROPERTY

82 G/2

Drawn by: T. J. T. | Traced by: a. m. b.

GEOCHEMISTRY/GEOLOGY

ANOMALY A

FORT STEELE M.D., B.C.

Scale: 1 : 2,500 | Date: Sept., 1987 | Plate 87-1

FORM 210 - 0610

LEGEND

9	Syenite; 9a - Altered
8	Trachyte; 8a - Altered
	Age Unknown
6	Gabbro
	Mesozoic - Upper Cretaceous
5	Alberta Group: 5a - Black to White-Grey Sandstones; 5b - Siltstones; 5c - Mudstones; 5d - Pebble Sandstone
	Cambrian
4	Elko Formation: Grey to Grey-Black Limestone to Dolomite, Locally Brecciated, Often Containing H_2S
3	Flathead Formation: 3a - Yellow to Reddish Maroon Quartz Sandstones; 3b - Siltstone
2	Kintla Formation: Member 'C': 2a - Red, Hematitic, Fine and Medium Grained Quartzite and Sandstone; 2b - Green Argillaceous Siltstone
	Age Unknown
1	Chocolate Brown Limestone

- bedding attitude
- road
- fault; inferred, thrust
- outcrop; subcrop
- logging boundary
- claim line; corner post; I.D. post
- stream
- geological contact

HOWELL PROPERTY — 82 G/2

Drawn by: T. J. T.	Traced by: a. m. b.
Revised by / Date	Revised by / Date

GEOCHEMISTRY/GEOLOGY
ANOMALY A
FORT STEELE M.D., B.C.

Scale: 1 : 2,500 | Date: Sept., 1987 | Plate: 87-5

FORM 310 - 0670

Shell Geophysical Cut Line

COMINCO CLAIM LINE

H-87-5
H-87-16
H-87-14
H-87-15
H-87-4
H-87-6
H-87-22
tufa
H-87-17
H-87-18
H-87-30 (silt)
Py veinlets
H-87-11
H-87-12
H-87-13
EAST PEAK
H-87-37
H-87-10
H-87-9
H-87-7
LOGGED AREA
H-87-2
gossan
H-87-3
H-87-24
H-87-8
H-87-19
H-87-20
H-87-21
H-87-23
H-87-34
H-87-35
H-87-36
white qtzt.
H-87-31
H-87-32
aragonite growth
BASE LINE (E-W)
H-87-1
H-87-33
felsic dyke
2b (1st)
H-87-29
white sandstone quartzite
3+00 E
4+00 E
5+00 E
6+00 E
7+00 E
8+00 E

0 100 200 300 metres

LEGEND

9	Syenite; 9a - Altered
8	Trachyte; 8a - Altered
	Age Unknown
6	Gabbro
	Mesozoic - Upper Cretaceous
5	Alberta Group: 5a - Black to White-Grey Sandstones; 5b - Siltstones; 5c - Mudstones; 5d - Pebble Sandstone
	Cambrian
4	Elko Formation: Grey to Grey-Black Limestone to Dolomite, Locally Brecciated, Often Containing H_2S
3	Flathead Formation: 3a - Yellow to Reddish Maroon Quartz Sandstones; 3b - Siltstone
2	Kintla Formation: Member 'C': 2a - Red, Hematitic, Fine and Medium Grained Quartzite and Sandstone; 2b - Green Argillaceous Siltstone
	Age Unknown
1	Chocolate Brown Limestone

- bedding attitude
- road
- fault; inferred, thrust
- outcrop; subcrop
- logging boundary
- claim line; corner post; I.D. post
- stream
- geological contact

HOWELL PROPERTY

82. G/2

Drawn by: T. J. T. | Traced by: a. m. b.
Revised by: Date | Revised by: Date

Anomaly A
Rock Sample Locations

FORT STEELE M.D., B.C.

Scale: 1 : 2,500 | Date: Sept., 1987 | Plate: 87-7

FORM 210-0670