FINAL REPORT

ISKUT PROJECT

Lat 56° 38' North Long 131° 05' West

NTS 104 B 10/11

Liard Mining Division

British Columbia

Owner: Skyline Exploration Ltd.

Operator: Anaconda Canada Exploration Ltd.

By

John Burlington B.Sc.

Myron Sawiuk M.Sc.

Andris Kikauka B.Sc.

March, 1985

TABLE OF CONTENTS

LIST OF FIGURES

Regional Program

Follow-Up Program

24	McFadden Zone - Diamond Drill Section. Scale 1:1,000.	pocket
25	Main Grid. Total Field Magnetometer Survey. Sheet 1 of 2. Scale 1:1,000	pocket
26	Main Grid . Magnetometer Survey. Sheet 2 of 2. Scale 1: 1,000	pocket
27	McFadden Zone - Magnetometer Survey. Scale 1:800	pocket
28	Main Grid VLF-EM 16 Survey. Sheet 1 of 3. Scale 1:1,000.	pocket
29	Main Grid VLF-EM 16 Survey. Sheet 2 of 3. Scale 1:1,000.	pocket
30	McFadden Zone. VLF-EM 16 Survey. Sheet 3 of 3. Scale 1:1,000.	pocket
31	Bonanza Zone - Geology & Geochemistry.	pocket
32	Bonanza Zone - VLF-EM 16 Survey. Scale 1:1,500	pocket
33	Bonanza Zone - Diamond Drill Section. DDH 51. Scale 1:1,000	pocket

LIST OF TABLES

LIST OF APPENDICES

SUMMARY

Exploration activities in 1984 included 1) a regional program of heavy mineral sampling, geological mapping, and prospecting to evaluate previously known gold geochemical anomalies and identify new precious metal targets; 2) a follow-up program of bulldozer trenching, detailed geological mapping, EM-Mag surveys, and diamond drilling to further investigate previously outlined gold-bearing structures (Pickaxe, Cloutier, N-16, R-19 Zones); 3) a glaciological evaluation of the McFadden Float Zone followed by diamond drilling and magnetometer surveys and 4) a follow-up investigation of precious metal showings discovered during the recce program. One of these showings, the Bonanza showing, was diamond drilled.

Reconnaissance work identified numerous shear-controlled precious metal-bearing sulphide showings in the northern portion of the property, especially along the south side of Bronson Creek Valley. One grab sample from one of these showings returned values of 99 g/t Au and 13,899 g/t Ag. Follow up work at this locality delineated a 150 m long, 10 m wide zone (Bonanza Zone), consisting of stringer pyrite, pyrrhotite, sphalerite, chalcopyrite, galena +/- tetrahedrite mineralization hosted by sericite-quartz-pyrite±fuchsite altered volcaniclastic rocks. A 4 m drill core intercept of the Bonanza zone averaged 1.65 g/t Au, 113 g/t Ag, 0.78% Cu, 0.56% Po, and 3.54% Zn.

Trenching and diamond drilling on the main auriferous zones confirmed the presence of fracture-controlled, boudinaged, sulphide (pyrite, chalcopyrite, minor sphalerite, trace galena) horizons contained within a package of poorly stratified, strongly brecciated and extensively altered (k-feldspar, sericite, carbonate, quartz) intermediate tuffs, lapilli tuffs, and tuff breccias. Sulphide mineralization occurs along ENE and, to a lesser extent, along younger N to NNW trending fractures. Lack of significant gold mineralization encountered during the 1984 detailed trench and core sampling program, as well as data from previous drilling, indicate that gold mineralization is neither

stratiform, stratabound, nor tabular. Gold occurs in late, quartz-rich ore shoots, often spatially related to sulphide horizons. This relationship suggests that previously deposited sulphides influenced gold precipitation by lowering the pH of incoming gold-bearing solutions.

Diamond drilling to investigate the source of the McFadden Float Zone tested the hypothesis that the auriferous float could originate from a sub-glacial topographic high of Unuk River Formation rocks. Drilling was carried out up ice from the float zone along a 300 m long, linear band of ice which was interpreted to coincide with the ice flow direction of the McFadden float. Unfortunately, no topographic high was encountered. A barren till layer was intersected overlying barren pyroclastic rocks assigned to the Betty Creek Formation. There is a possibility that the McFadden Zone originates further up ice under inaccessible portions of Johnny Glacier.

INTRODUCTION

Exploration work by Skyline Exploration in 1981-82 led to the discovery of volcanic-hosted sulphide zones characterized by local high grade gold mineralization over significant widths, coincident VLF-EM conductors traceable over an aggregate length in excess of 2 km, and a float zone containing several sulphide-rich angular boulders assaying 60 g/t Au. This data prompted Placer Development and subsequently Anaconda Canada to option the property and initiate an exploration program to evaluate its potential for stratabound gold mineralization. The 1983 work program carried out by Placer Development consisted of 2406 m of diamond drilling in 23 holes, 1400 m of bulldozer trenching, geological mapping, geochemical sampling, airborne and ground geophysics. Narrow intervals with significant gold mineralization (> 10 g/t Au) were intersected in the N-16 Zone and the NE portion of the Cloutier Zone. Drilling on the Pickaxe and McFadden Zones returned negative results. Probable and possible reserves on the Cloutier and N-16 Zones were calculated at 104,000 tonnes grading 14.8 g/t Au, 31 g/t Ag, and 1.02% Cu (Young, 1984). Airborne geophysical anomalies and drainage gold anomalies outlined potential follow-up target areas. Placer Development relinquished its option in late 1983, while Anaconda Canada retained the option and continued to further evaluate the precious metal potential of the property in the summer of 1984.

The purpose of this report is to summarize the results of the 1984 program. Broader reviews on the regional and main grid geology as well as additional references on the area are available in the 1984 report by Placer Development (Young, 1984).

Location, Access, and Ownership

Skyline Exploration's property is located in NTS map area 104 B/10 and 11, Liard Mining Division, approximately 90 km northwest of Stewart, British Columbia (Figure 1, page 5) and 10 km south of the Iskut River

near Johnny Mountain. The approximate geographic coordinates at the centre of the claim group are 56°38' north latitude and 131°05' west longitude (Figure 2, page 6). The claims are normally accessible only by helicopter.

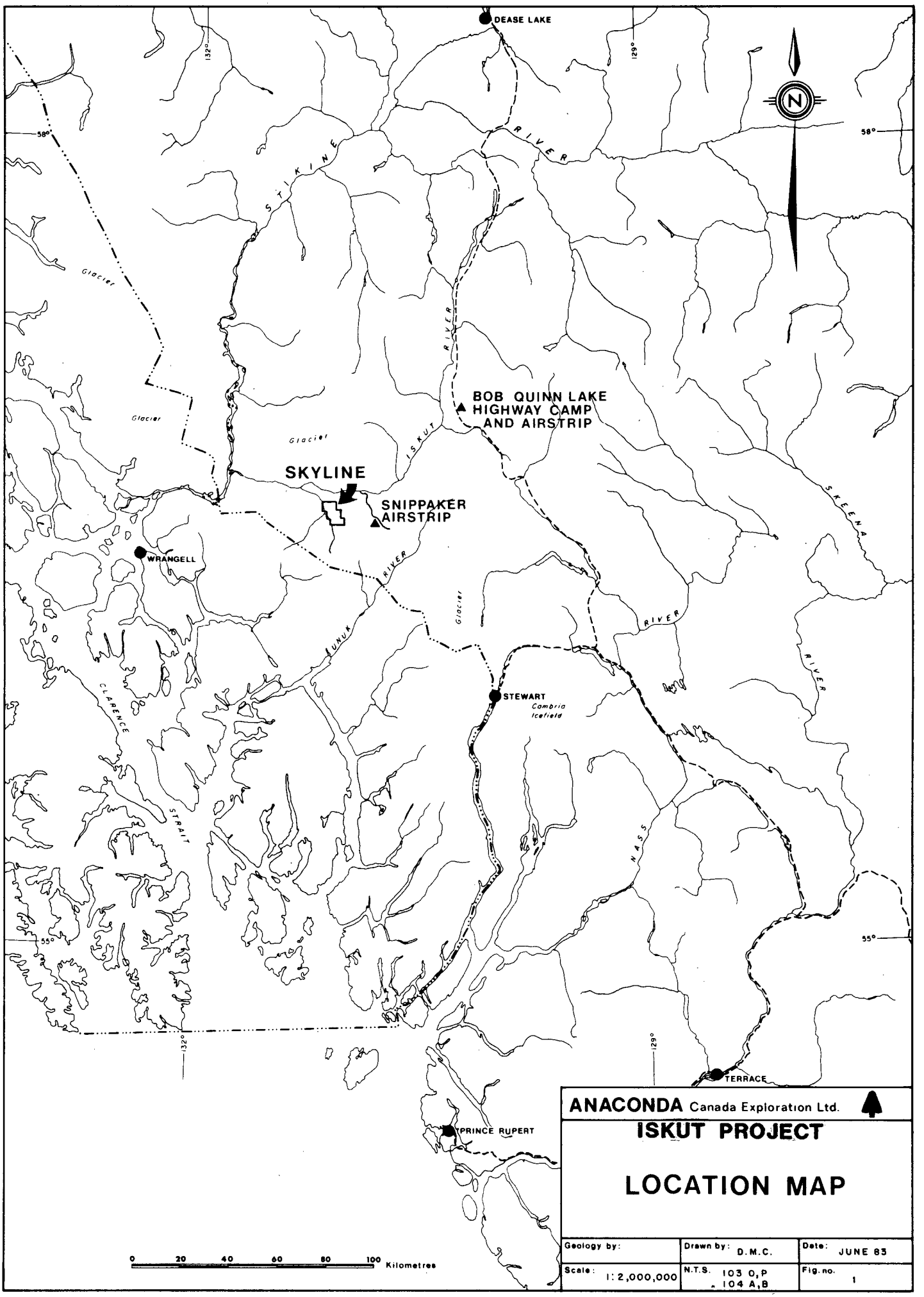
Physiography and Glaciation

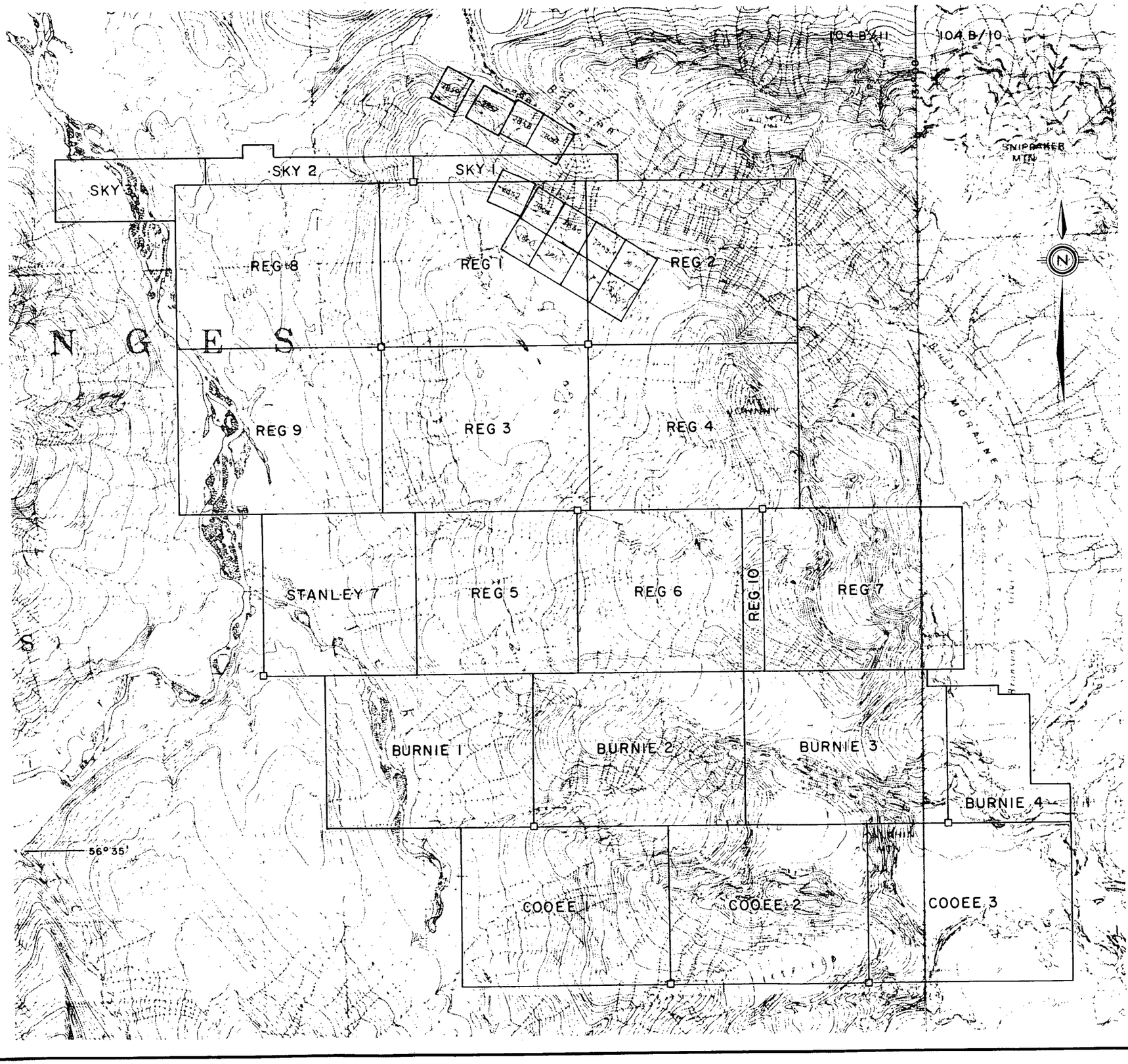
The region is entirely glaciated and characterized by wide U-shaped drift-filled major valleys and deeply cut V-shaped upland valleys. Mountain peaks in the area average 1680 m ASL in elevation and rise abruptly from the major valleys.

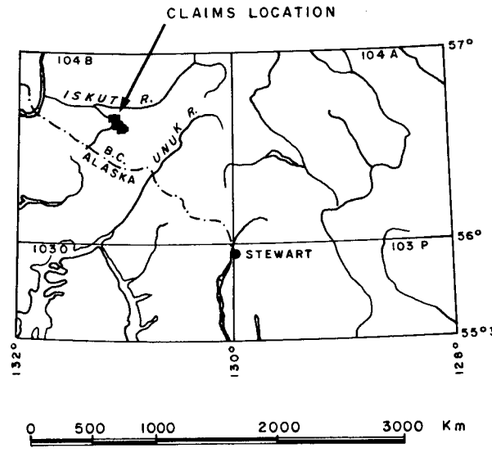
The claims cover the area on Johnny Flats bordered by Red Bluff to the north, the Bronson Glacier to the east, the Jekill River to the west and extend just south of Johnny Peak. The central portion of the property is drained by several creeks fed by runoff from Johnny and Davis Glaciers. Elevations in the area range from 100 m to 2230 m ASL.

1984 Work Program

Exploration activities carried out in 1984 are summarized in Table 1 (page 7). They included: 1) a regional program of heavy mineral sampling, geological mapping and prospecting to evaluate gold geochemical anomalies discovered by Placer in 1983 (Young, 1984) and to identify new precious metal targets, 2) a follow-up program of bulldozer trenching, trench mapping, EM-mag surveys, and diamond drilling to investigate previously defined gold-bearing structures (Pickaxe, N-16, Cloutier, R-19 Zones), 3) a glaciological evaluation of the McFadden Float Zone followed by extensive diamond drilling and minor EM-mag work, and 4) a trenching-diamond drilling test of one zone (Bonanza) discovered during the reconnaissance program.


DEASE LAKE
STIKINE RIVER
Glacier
Glacier
Glacier
ISKUT RIVER
BOB QUINN LAKE
HIGHWAY CAMP
AND AIRSTRIP
SKYLINE
SNIPPAKER
AIRSTRIP
WRANGELL
SKEENA
RIVER
LUNUK RIVER
Glacier
STEWART
Cambria
Icefield
CLARENCE
STRAIT
NASS
RIVER
TERRACE
PRINCE RUPERT
132°
129°
58°
55°
N
0 20 40 60 80 100 Kilometres
ANACONDA Canada Exploration Ltd.
ISKUT PROJECT
LOCATION MAP
Geology by:
Drawn by: D.M.C.
Date: JUNE 83
Scale: 1:2,000,000
N.T.S. 103 O,P
104 A,B
Fig. no. 1





ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLAIM MAP

geology by:	drawn by: D.M.C.	date: OCT, 84
scale: 1:50,000	n.t.s. 104 B/10, 11	fig./proj no. 2

TABLE 1 - SUMMARY OF 1984 FIELD WORK - REG CLAIMS

	Regional	Follow-up		
		Main Grid	McFadden	Bonanza
Reconn. Geochemistry				
Stream Sediment Samples	75	-	-	-
Rock Chip Samples	141	-	-	-
Geophysics				
Magnetometer (line-km)	-	12.2	3.96	-
VLF-EM (line-km)	-	12.6	3.8	0.4
Trenching (linear m)	-	487	-	15
Trench Samples	-	159	-	25
Diamond Drilling (m)	-	447	602	307
Till Samples	-	-	41	-
Core Assays	-	223	57	45

Elevation and Surveys

Ground control in the area between Bronson Creek and Johnny Glacier was established by triangulation from benchmark A.D. 3954 on Snippaker Peak at an elevation of 1275.30 m ASL. Benchmark and reference stake/survey picket locations are presented on Figure 3 (pocket). UTM coordinates are given in Table 2 (page 9).

The survey pickets were used to determine the slope correction and elevations of stations on the Main Grid, diamond drill collars and to check the accuracy of base map contours. A Topcon TL-60SE theodolite and DM-S2 electronic distance meter with a single prism target was used for distances to 1400 m to an accuracy of $\pm$ 0.5 m. For distances in excess of 1400 m triangulation methods were used utilizing a Sokkisha TM 20C theodolite.

Grids were established at the Hangover showing and the Bonanza zone and their location is also indicated on Figure 3 (pocket).

Regional Geology

The property is located on the southwestern corner of the Stikine Arch, a wedge-shaped terrane of Mississippian to Jurassic volcanic and sedimentary rocks bounded to the west by the Coast Crystalline Belt. The supracrustal rocks are extensively intruded by syn- and post-tectonic plutons and stocks ranging in age from Triassic to Tertiary. These include Jurassic syenomonzonites, spatially and genetically associated with gold-copper$\pm$molybdenum porphyry mineralization (Galore Creek, Shaft Creek).

The regional geology in the vicinity of Mt. Johnny is poorly documented. Mapping by Kerr in the late 20's (Kerr, 1948) identified pre-Permian clastic metasedimentary sequences overlain by a Triassic package of mafic to intermediate volcanic and pyroclastic rocks, epiclastic rocks, terrigenous sedimentary rocks and limestone. Compilations by the

TABLE 2

Survey Point Coordinates and Elevations

UTM Coordinates

	Northing	Easting	ELEVATION (M ASL)
BM	6,281,566.115	375,829.226	1,274.98
SP 1	6,280,438.94	372,502.81	1,078.20
SP 2	6,279,265.42	374,084.64	1,166.70
SP 3	6,278,950.70	372,689.98	1,096.08
SP 4	6,278,541.93	372,883.64	1,090.16
SP 5	6,277,753.75	374,149.09	1,266.32
SP 6	6,277,397.88	373,823.91	1,341.84
SP 7	6,277,067.79	373,601.91	1,307.34
SP 8	6,279,059.88	373,412.23	1,109.58
SP 9	6,278,230.90	373,484.76	1,124.64
SP 10	6,277,283.84	373,240.69	1,189.58

Note: BM AD. 3954 coordinates are Lat. 56°39' 49.0980" N
Long. 131°01' 33.1891"

Geological Survey of Canada (Map 1418 A, 1981) show Carboniferous and Permian schist and gneiss overlain by Triassic metasediments. Work by Cominco and Ecstall Mining(B.C.D.M Ass. Rep.630, 769, 5275) identified Middle Triassic or older shale, limestone, and coarse clastic rocks, unconformably overlain by an eugeosynclinal assemblage of late Upper Triassic to Middle Jurassic age (B.C.D.M Ass. Rep. 5275). Based on lithologic similarities with volcano-sedimentary terranes to the south of the Mt. Johnny area (Grove, 1971, 1982), Grove (pers.comm.) has assigned the volcanic terranes in the vicinity of Mt. Johnny to the Lower Jurassic Unuk River Formation and the unconformably overlying Lower-Middle Jurassic Betty Creek Formation. Grove's nomenclature has been adopted in the accompanying claim block geology compilation (Figure 4, pocket).

REGIONAL PROGRAM

Introduction

A program to further evaluate potential sites of gold mineralization indicated in the 1983 reconnaissance program was undertaken at the start of the 1984 field season. The program included further stream sediment sampling, sampling of float and outcrop within the creeks draining the property, regional mapping at a 1:20,000 scale and selected detailed mapping at 1:5,000 and 1:2500 scales. Results of this survey are presented here.

At the completion of this program, follow-up work, including trenching and further sampling and selected geophysical surveys, was undertaken on three mineralized areas; the Hangover showing, the Sky Creek area, and the Bonanza showing. Summary of the work done at the Hangover showing and the Sky Creek area is given in the accompanying assessment reports. A summary of the work at the Bonanza showing is included in the section on the "Follow-Up Program".

Stream Sediment Geochemistry

Seventy-five heavy mineral concentrates from stream sediments were taken at or near the mouths of streams draining Johnny Mountain and at the intersections of tributaries of these streams. From previous reconnaissance work, the medium-grained (<- 80 mesh > + 40 mesh), heavy (S.G.> 2.95), non-magnetic fraction was considered to provide best contrast. Consequently, during the 1984 program this fraction only was analyzed. The samples were analyzed for gold by FA+AA and for 29 elements by ICP (Appendix I). Complete analytical results are tabulated in Appendix II. Sample locations and Au-Ag-Cu-Pb-Zn-As-Sb-Bi geochemical values are shown in Figure 5 (pocket). Summary statistics are shown in Table 3 (page 12).

TABLE 3

LOGARITHMIC SUMMARY STATISTICS

HEAVY MINERAL GEOCHEMISTRY

METALS	Au	Ag	Cu	Pb	Zn	As	Sb	Bi
No.of Samples	75	75	75	75	75	75	75	75
Minimum Value	1.00	.30	41.00	10.00	28.00	2.00	2.00	2.00
Maximum Value	30700.00	122.50	2859.00	5484.00	21607.00	6570.00	67.00	59.00
Range	30699.00	122.20	2818.00	5474.00	21579.00	6568.00	65.00	57.00
Median	950.00	3.70	201.00	103.00	220.00	89.00	2.00	2.00
Mode	40.00	1.70	197.00	15.00	277.00	406.00	2.00	2.00
Mean	647.23	3.62	247.86	103.18	273.30	95.90	3.98	2.98
Log St Dev	1.07	.54	.42	.58	.52	.58	.43	.37
Mean + 2SD	88409.56	43.66	1690.97	1507.15	3060.76	1386.48	28.87	16.11
Coeff Variation	.38	.97	.17	.29	.22	.29	.72	.77
Skewness	.00	.38	.00	.00	.00	.0	1.25	2.04
Kurtosis	.08	1000.00	5.89	1.05	3.89	1000.00	.57	3.20
2.5 Percentile	1.00	.30	42.00	12.00	40.00	11.00	2.00	2.00
5.0 Percentile	10.00	.50	54.00	14.00	61.00	17.00	2.00	2.00
16.5 Percentile	50.00	1.00	101.00	22.00	85.00	24.00	2.00	2.00
50.0 Percentile	950.00	3.70	201.00	103.00	220.00	89.00	2.00	2.00
82.2 Percentile	6200.00	10.20	663.00	312.00	725.00	325.00	9.00	4.00
90.0 Percentile	8200.00	15.50	870.00	483.00	1412.00	446.00	20.00	14.00
95.0 Percentile	20800.00	32.90	1248.00	909.00	2143.00	642.00	33.0	19.00
97.5 Percentile	24200.00	35.30	1772.00	1133.00	2652.00	925.00	51.00	23.00
99.0 Percentile	25200.00	57.20	2022.00	4327.00	7216.00	2940.00	53.00	58.00

Several geochemical anomalies were identified through the regional heavy mineral sampling program. These include:

1) Strong Ag-As-Sb-base-metals-Au anomalies along small tributaries draining the south slope of Bronson Creek Valley.
2) Cu-Bi-Au-Ag-As anomalies on Sky Creek
3) Au and local Ag anomalies along Dog Leg, High Au, and Davis Creeks.
4) Cu-Bi anomalies along two south-flowing tributaries of 1st Basin Creek.
5) Two Au anomalies south of 1st Basin Creek.

Rock Chip Geochemistry

152 samples weighing 1 to 2 kg were collected from mineralized and/or altered outcrops and from quartz veins. The sample were subsequently analyzed for Au, Ag, Cu, Pb, and Zn . Sample locations and analytical results are shown in Figure 6 (pocket). Sample descriptions are listed in Appendix III.

The sampling program established the presence of precious and base metal mineralization upstream from sample sites displaying heavy mineral anomalies. Sixteen samples returned gold values greater than 3 g/t (3.1to 99.45 g/t Au) and 42 samples assayed in excess of 40 g/t Ag (40.0 to 13,899 g/t Ag). All Au-rich samples are enriched in Ag (Ag/Au ratio ranges 1.48 to 139) and in one or more base metal. In contrast several silver-rich samples contain low gold concentrations. High silver values are generally associated with high Zn and Pb (several %) and anomalous (X000 ppm) Cu. Highest silver values however (sample 32-058: 13,899 g/t Ag and sample 32-062: 1,200 g/t Ag) correlate with high Cu values (14.1% and 1.05% Cu, respectively).

Geology and Mineralization

Precious metal-bearing mineralization was discovered in five areas on the property : 1) Bronson Creek Valley, 2) Sky Creek, 3) Dog Leg and High Au Creeks, 4) Davis Creek and 5) Hangover Showing. Details on the geology and mineralization at Sky Creek and the Hangover showing are given in the accompanying assessment reports.

1. Bronson Creek Valley - South Slope

The region (Figure 7, pocket) is underlain by a W to WNW trending, southerly dipping (30^0-60^0), package of pyroclastic and epiclastic rocks which include greywacke, sandstone (locally conglomeratic), siltstone, argillite and dacitic to andesitic tuff. Five distinct zones of base metal sulphide mineralization were detected (Figure 7, areas a-e, pocket).

a) In the western portion of the map area, narrow (5-15 cm) veins and stringers of galena and sphalerite ± chalcopyrite, arsenopyrite and pyrrhotite within shear zones of variable continuity, are hosted in unaltered argillite. Composite chip and chip-channel samples from this area assayed up to 30.7% combined Pb-Zn, 443 g/t Ag and 1.1 g/t Au.

b) West of Johnny Creek, mineralization consists of a 1-5 m wide band containing pods, lenses, stringers and veinlets of sphalerite, pyrite, galena, subordinate chalcopyrite and pyrrhotite, discontinuously traceable over a strike length of 1.3 km. Sulphide mineralization is enveloped by a 5 to 10 m wide alteration zone characterized by intense silicification, sericitization, pyritization with local fuchsite. Grab and chip samples from areas of semi-massive sulphide mineralization assay up to 500 g/t Ag.

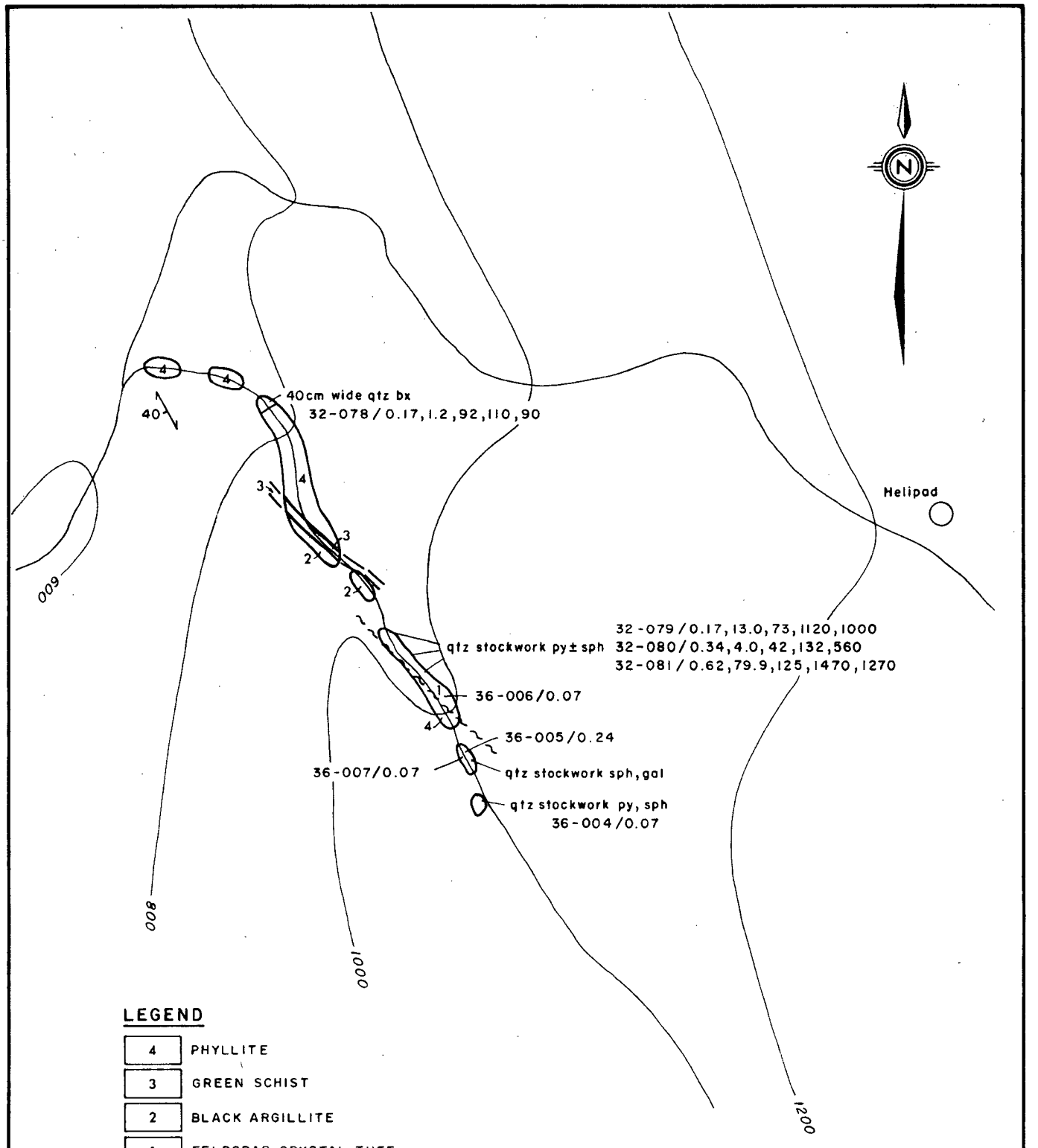
c) East, along strike from b, a 5 to 15 m wide alteration zone characterized by intense silicification, sericitization, pyritization and developement of fuchsite, hosts sulphide mineralization consisting of pyrrhotite, pyrite, chalcopyrite and tetrahedrite stringers and veins. An initial grab sample (1-32-058) returned assays of 99.45 g/t Au, 13,899 g/t Ag and 14.1% Cu. This site was named the Bonanza Zone and was subsequently trenched and diamond drilled (see Follow-up Work - Bonanza Zone, page 28 for further details).

d) West of the Bonanza Zone, a wide alteration zone consisting of silicified, sericitized and pyritized greywacke hosts minor stringer and disseminated sphalerite and galena mineralization. An initial grab sample of this mineralization (1-32-110) returned assays of 2.88% combined Pb-Zn, 78.2 g/t Ag and 20.31 g/t Au. Subsequent hand trenching and sampling gave only low Au and Ag values.

e) Outcropping in Big Gully Fault Creek, a narrow (1 to 5 m wide) alteration zone of quartz-sericite-pyrite contains stringer and disseminated pyrite-sphalerite mineralization. Low Au and Ag assays were returned from grab samples of this material.

2. Dogleg Creek - High Au Creek

Two structural lineaments trending 325^0 (Dogleg Creek) and 0^0 (High Au Creek) provide exposure of an overburden-obscured area (Figures 8, 9 pages 16, 17). The area is underlain by argillite and greywacke which alternate with grey-green muscovite schist. The sedimentary rocks are cut by orange-weathering felsite with related quartz breccias containing sulphide mineralization consisting of pyrite, sphalerite and galena. Assays of mineralized samples returned values up to 1.31 g/t Au, 79.9 g/t Ag and 6.4% combined Pb-Zn.



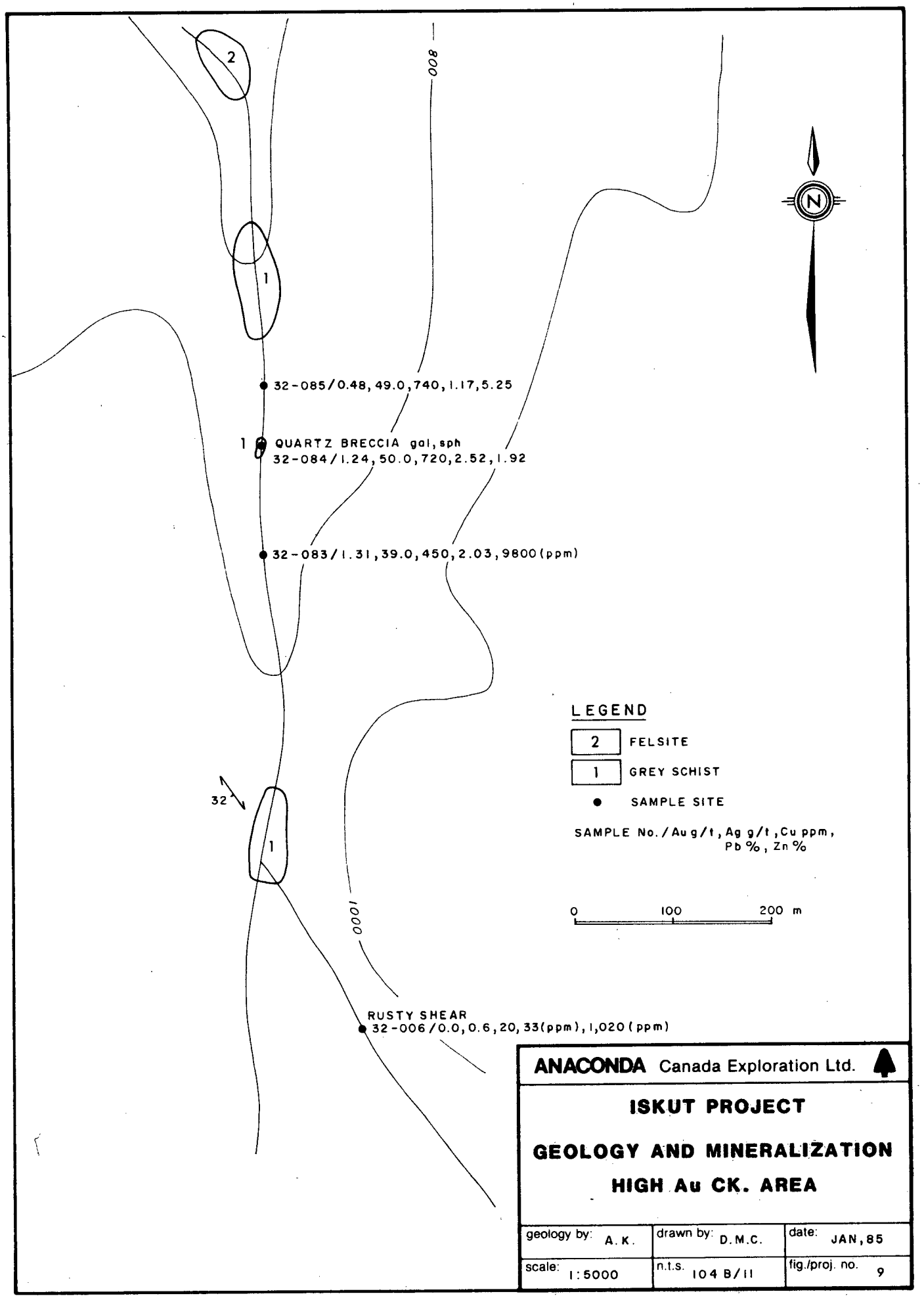
ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

GEOLOGY AND MINERALIZATION

DOGLEG CK. AREA

geology by: A.K.	drawn by: D.M.C.	date: JAN, 85
scale: 1:5000	n.t.s. 104 B/11	fig./proj. no. 8



ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

GEOLOGY AND MINERALIZATION

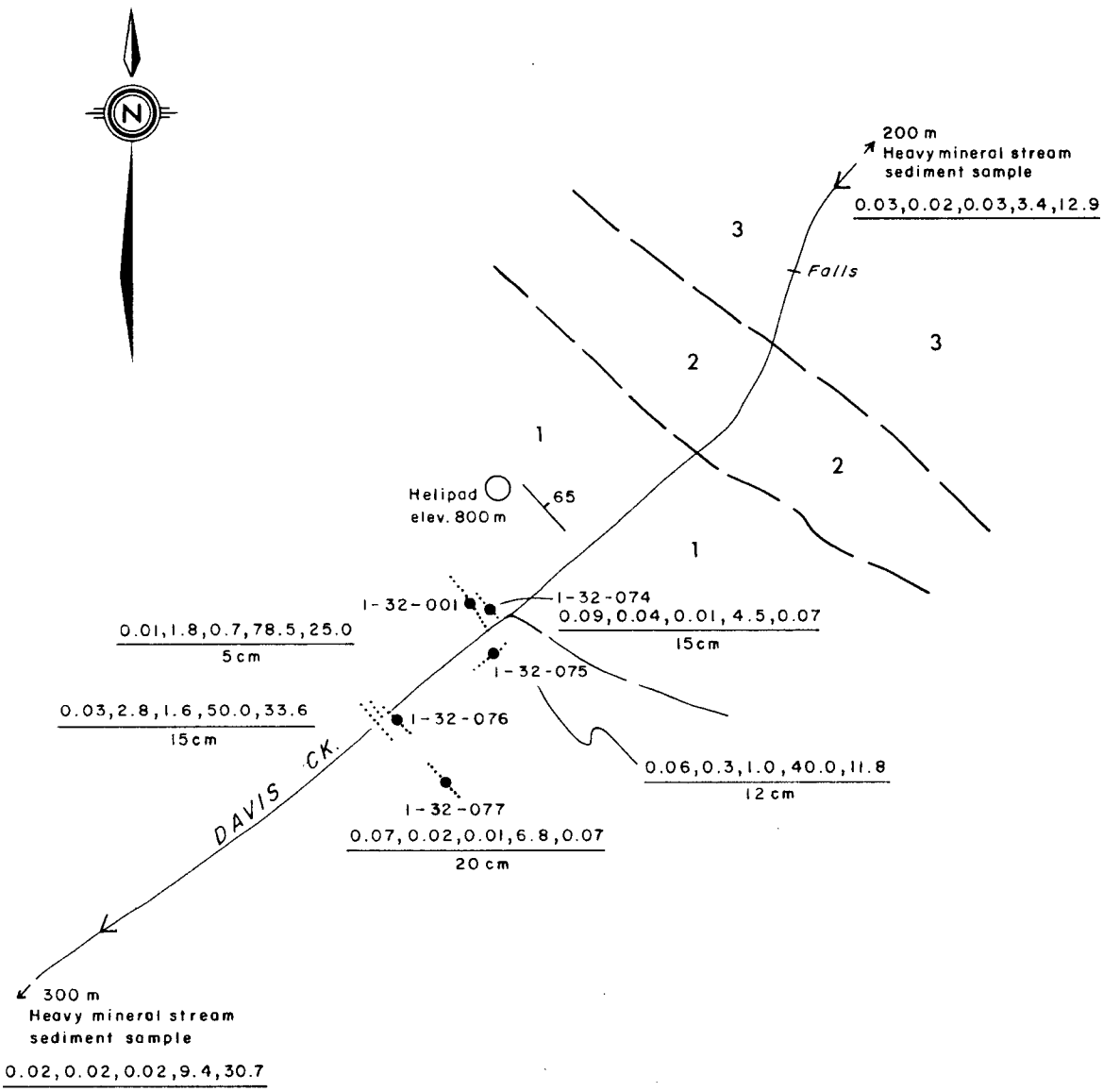
HIGH Au CK. AREA

geology by: A. K.	drawn by: D. M. C.	date: JAN, 85
scale: 1:5000	n.t.s. 104 B/11	fig./proj. no. 9

3. Davis Creek

The Davis Creek area is underlain by a sequence of sedimentary rocks including siltstone with interbedded argillite, sandstone and intercalated mafic volcanic rocks (Figure 10, page 19). Mineralization consisting of quartz-calcite veins with galena, sphalerite, pyrite and chalcopyrite is restricted to the siltstone/argillite horizon.

Grab samples of vein material returned assays of up to 33.6 g/t Au, 50 g/t Ag and low base metal assays.



LEGEND

3	GREYWACKE
2	MAFIC FLOWS, CALCITE VEINING
1	SILTSTONE WITH INTERBEDDED ARGILLITE
·····	MINERALIZED QUARTZ VEIN
●	SAMPLE SITE

%Cu, %Pb, %Zn, g/t Ag, g/t Au
width in cm

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

GEOLOGY AND MINERALIZATION

DAVIS CK. AREA

geology by: A. K.	drawn by: D.M.C.	date: JAN, 85
scale: 1:5000	n.t.s. 104 B/11	fig./proj. no. 10

FOLLOW-UP PROGRAM

MAIN GRID AREA

Introduction

The 1984 program in the main grid area included 487 linear metres of trenching and 447 metres of diamond drilling in four holes (Figure 11, pocket).

The trenching program was directed at widening previous trenches and opening new ones in the Cloutier and Pickaxe - N-16 zone. Additional trenching was carried out in the R-19 to expose a previously poorly trenched area. The exposed bedrock was mapped at a scale of 1:200 and 159 chip-channel samples were taken over 1 to 2 metre intervals. Samples consisted of 3-4 kg of rock, generally with metallic mineralization, and were assayed for Au±Ag, Cu, Pb, Zn.

Rock types have been described in detail (Young, 1984) and include intermediate to felsic ash tuff, lapilli tuff and tuff breccia. Rocks previously described as dacite porphyry were reinterpreted as potassium feldspar - altered ash or crystal tuff.

Of the four diamond drill holes drilled, three tested the Cloutier zone for continuity of gold-bearing structures (Figures 14, 16, 19, 20, 21, pocket). A fourth hole was drilled to test possible mineralization in the major fault zone coincident with the N-16 zone VLF-EM conductor. (Figures 16, 22, pocket).

CLOUTIER ZONE

Trenching

Seven trenches totalling 314 linear metres were excavated and mapped at a scale of 1:200 (Figures 11, 14, 16, pocket).

Bedrock consists of a typical sequence of lithic lapilli tuff and tuff breccia. Structural zones, which strike 070°, occur over 400 metres of strike length, but were not shown to be continuous. These zones consist of anastomosing pyrite-filled fractures which occasionally coalesce into lenticular bodies 1.5 metres wide and several metres long. Local concentrations of chalcopyrite, sphalerite and minor galena are common. Enveloping these fractures are intense alteration halos chiefly composed of K-feldspar with lesser carbonate, chlorite and silica.

Rock Geochemistry

62 chip-channel samples were taken and locations and results are given in Figures 15, 17, (pocket).

Low grade gold mineralization was found in two trenches associated with chalcopyrite mineralization (Figure 17, pocket). Two 2 metre samples in trench 9760 had Au assays of 4.97 g/t and 6.68 g/t. In trench 9600 a 1 metre and a 2 metre sample had Au assays of 3.19 g/t and 3.42 g/t respectively.

Diamond Drilling

Three holes (84-40, 41 and 42; Figures 11, 19, 20, 21, pocket; Appendix IV) totalling 299 m were drilled along the Cloutier Zone. The volcaniclastic sequence was intersected in the holes. Additionally a sedimentary/epiclastic sequence was intersected in DDH 84-42. Sulphide-(mainly pyrite) bearing alteration zones were intersected in all three holes but no significant gold values were encountered.

PICKAXE/N-16 ZONES

Trenching

Two trenches totalling 97 linear metres were excavated and mapped at a scale of 1:200 (Figures 11, 12, pocket).

The trenching exposed a zone of intensely potassium feldspar altered, carbonatized, sericitized and silicified rocks. Primary textures are largely obliterated by alteration and development of secondary crackle brecciation.

The area is strongly faulted and fault/shear orientations of 070^{o} and 130^{o} are consistent with trends mapped elsewhere on the grid. The alteration zones are bounded on the southwest by a major NW trending fault separating the Cloutier zone from the Pickaxe/N-16 zones.

Mineralization, consisting of (up to 30%) disseminated and stringer pyrite with lesser chalcopyrite, sphalerite and galena, occurs within shears and in fault-bounded blocks. Chalcopyrite-rich stringers often trend 130^{o}. One massive sulphide block occurs in the Pickaxe trench (Figure 12, pocket).

Rock Geochemistry

A total of 54 rock samples were taken from the Pickaxe trench and 43 samples from the 16 trench. Sample locations and analytical results are presented in Figure 13 (pocket).

Low gold values characterize most of the samples taken in both the Pickaxe and N-16 Zone trenches, with the exception of four consecutive 2 m samples (040 to 044) taken from the massive sulphide exposed in the western part of the Pickaxe trench, part of the outcrop exposed in the original P1 trench. These samples returned Au assays ranging from 3.55 to 9.59 g/t Au with high Cu and Ag.

Diamond Drilling

One 148.33 m long hole (84-43), (Figures 11, 22, pocket) was drilled to test for the presence of Au in the fault zone, and to test the VLF-EM conductor. The hole intersected strongly altered, brecciated lapilli tuff and highly altered, sericitic rock without preserved primary textures. One 80 cm interval with disseminated sulphides assayed 4.94 g/t Au.

R-19 ZONE

Trenching

Twenty linear metres of trenching exposed silicified and sericitized volcanic sandstone/lapilli tuff which resemble volcano-sedimentary rocks of the Betty Creek Formation (Figure 18, pocket). This interpretation appears to be confirmed by our extrapolation of the unconformity separating the Betty Creek Formation from the underlying Unuk River Formation below the showing area. Sulphide mineralization consists of shears and fractures containing stringers and semi-massive pods of pyrite, chalcopyrite, sphalerite and subordinate galena.

Structure is consistant with that mapped elsewhere on the main grid. Sulphide mineralization is semi-continuous along the 070° trend but a 2 m wide shear trending 170° disrupts the 070° trend and sulphide in this zone consists of massive sulphide blocks as well as fracture and shear-hosted mineralization.

The area was not resampled, having been adequately sampled and diamond drilled in 1983.

MCFADDEN FLOAT ZONE

Introduction

The McFadden Float Zone consists of a linear train of glacial rock debris which originates from the ice of Johnny Glacier approximately 100 m up-ice on the southern side of the glacier (Figure 23, pocket). This float train is approximately 350 m long and consists of two major lithological components. Approximately 90% of the train is composed of angular fragments and blocks, up to 2 metres in maximum dimension, of dark green to grey, epidotitic basalt and sedimentary rocks. The composition and appearance of these rock fragments resemble those observed in the Betty Creek Formation on Cloutier Peak (Figure 4, pocket). The remainder of the float material consists of pyritic, highly altered, feldspathic, silicified rock containing 40%-90% sulfide as matrix and stringer mineralization. Rock chip samples from this material in 1983 assayed in excess of 60 g/t Au. The glacial till extending down slope from the float zone is also significantly anomalous in Au. Details of the rock chip assays and soil sampling program are given in Young, 1984.

In August, 1984, a glaciological consultant, B.E. Broster, visited the Iskut Project and carried out a detailed examination of Johnny Glacier and the McFadden Float zone. Based on this work, he suggested that the McFadden Float zone was a linear medial moraine derived from a sub-glacial nunatuk and the float mineralization was derived from this nunatuk. From an analysis of the dynamics of glacial ice flow (Figure 23, pocket) he also pointed out the most probable source area should lay between the head of the float zone and the ice fall in a 50 m wide zone.

Drilling

A drilling program was initiated in August 1984 to test the hypothesis that the McFadden zone could have originated from a topographic high below the ice fall. Initially, reverse circulation drilling was attempted with the objective of sampling any detrital trains in both the

ice and the underlying till; however this was technically unsuccessful. The drilling then was changed to diamond drilling (602 m in 7 holes) of ice, till and bedrock (Figures 23, 24, pocket; Appendix IV). Generally, ice samples were without any recoverable rock sample. Till samples of cored boulders and samples of the mud return were analyzed. Drill core samples from the underlying bedrock were logged and selectively sampled.

The bedrock consists of dark green, grey and light green to mauve ash, lapilli and tuff breccia with prominent angular 0.5 mm plagioclase phenocrysts. The volcaniclastic rocks are fractured and sheared and are bleached and oxidized near the shears. Rusty limonitic-hematitic alteration accompanies this oxidation. Small ptygmatic quartz veins are ubiquitous throughout the units. Fragments vary from basaltic to dacitic in composition but andesitic fragments are most abundant. The composition, appearance and degree of alteration of these volcaniclastic rocks, as well as their location to the northeast of the Betty Creek-Unuk River unconformity (Figure 27, 24, 25 pocket) suggest that these rocks belong to the Betty Creek Formation.

DDH. 45 intersected some fault gouge throughout the bedrock intersection (Appendix IV). A major fault has been mapped below the glacier near the R-19 zone (Young, 1984) and this intersection can be interpreted as the southeastern extension of this fault (Figure 24 pocket).

Samples of both carbonatized shear zones and of "unaltered" lapilli tuff were not anomalous in either base or precious metals (Appendix IV).

MAIN GRID GEOPHYSICS

Introduction

A total of 12.2 line-km of magnetometer and 16.4 line-km of VLF surveys were completed on the Main grid established by Placer in 1983. The 1984 surveys included i) extension of the Main grid along the southwest of the Cloutier Extension zone and over the McFadden zone and adjacent areas .

ii) resurveying and/or extension of grid lines spaced at 100 m and

iii) fill-in between lines to close line spacings to 25 and/or 50 m.

Magnetometer Survey

Two EDA PPM 375 total field proton precession magnetometers were used for the magnetic survey. One unit served as the fixed base station recording diurnal variation in the magnetic field at 20 second intervals during the survey and the second instrument as the survey unit. All survey values were corrected for diurnal variations as recorded by the base station.

Interpretation

The results of the magnetic survey are presented in contour plan form in Figure 25, 26 and 27 (pocket).

The magnetic patterns on the Main grid fall into two distinct domains approximately divided along the baseline 10,000 NW. The area northwest of the baseline consists of several discontinuous, northeast trending magnetic highs. Southeast of the baseline the patterns show a lower average magnetic background and less variability.

The area of higher magnetic susceptibility suggests the underlying bedrock to be different in character than the predominantly volcaniclastic sequence hosting the Cloutier-Pickaxe-16 zones. In the absence of any exposed bedrock the area is interpreted to be underlain in part by a sequence of sulphidic sedimentary rocks. Similar magnetic responses are observed over areas by rocks of this nature to the south of the Main grid. Interruption of the E-NE trending magnetic highs corresponds to late 160° fault-shear zones, an example of which is exposed in Cloutier trenches 9730 and 9760. No significant magnetic response was detected over the McFadden Zone (Figure 27, pocket).

VLF Survey

A Geonics EM-16 electromagnetometer was used for the survey. Station NLK (Seattle, Washington at 24.8 K Hz) was used as the primary VLF field except for a few NW-SE test lines where station NPM (Lualualei, Hawaii at 23.4 KHz) was used. The results are presented in profile and are plotted so that a "left-wave" cross over of the in-phase tilt angle indicates the position of a discrete VLF conductor. Quadrature ellipticity readings were also taken but variation of the primary field makes the data inconclusive so it is not presented here.

Interpretation

The results of the VLF survey are presented as line profiles on Figures 28, 29, 30 (pocket).

A single strong broad response extending for 500 m was detected over the Cloutier zone between lines 9300 and 9700 NE. This corresponds to the principal 070° structural direction which in the Cloutier zone is associated with massive to semi-massive sulphide mineralization. Weaker reponses are present in the profiles along this trend from 9200 to 8900

NE. This suggests the structure to be continuous for at least an additional 400 m but markedly less conductive.

A broad moderate response between line 9500 and 9900 NE over the Pickaxe zone and a single station cross-over at 8900 NE/9900 NW are the remaining features indicated from the survey. The Pickaxe conductive zone is similarly associated with sulphide mineralization along structures trending 070°.

No response was detected in the grid adjacent to the McFadden Float zone (Figure 30, pocket).

BONANZA ZONE

Geology and Structure

The Bonanza zone outcrops 815 m ASL on the south slope of the Bronson River Valley (Figures 7, 31, pocket). The area is underlain by fine to coarse grained Lower Jurassic sediments of mixed clastic-volcaniclastic origin, dipping moderately to the south at 45°. The sedimentary sequence comprises bedded argillite overlying and/or interbedded with greywacke/ volcanic sandstone and coarse volcanic conglomerate.

The argillite is fine-grained consisting of narrow, alternating grey and black beds up to several centimetres thick. Small, well defined faults offset individual beds on the centimetre scale. Although generally flat lying, development of cross-bedded facies within interbedded greywacke/ volcanic sandstone, correspond to steeper bedding attitudes.

The greywacke is fine to medium grained with light to medium grey weathered surfaces. The unit is massive and homogeneous with sharp distinct contacts with interbedded argillite and volcanic conglomerate. Greywacke grades to volcanic sandstones and arkosic sandstones. The sandstone is generally better sorted with individual beds showing upward

fining sequences with some cross-bedding and load casting. The presence of chloritic fragments indicate a minor volcaniclastic component.

The volcanic conglomerate is similar in composition and provenance to greywacke and volcanic sandstone. The conglomeratic intervals consist of polymictic clasts from 3-10 cm. Clasts include rounded to subrounded lithic pebbles, dark green, angular, chloritic volcanic fragments and dark, elongate "flamme"-like fragments.

Reconnaissance mapping below the Bonanza showing indicates a sequence of tuffaceous sediments of igneous origin including andesitic to rhyodacite tuffs.

The apparent strike of Bonanza zone (108^{o}) appears conformable with that of several other Zn enriched horizons present on the north facing valley slope. The Bonanza trend may be a conjugate structure to the 040^{o} trending Handel fault located 1 km to the east (Figure 7, pocket).

Alteration and Mineralization

Silicification is the dominant alteration in the rocks and consists of silicified zones and stringers of coarse-grained vein quartz and pervasive silicification. Carbonate alteration is also present, at times associated with silica. This alteration may also be accompanied by microveins of dark green chlorite. This alteration assemblage is superimposed on all the units including the sericite-quartz-pyrite $\pm$ fuchsite alteration which pre-dates the above and is conformable with the local stratigraphy. Potassium feldspar alteration is noticeably absent from the rocks in the Bronson Creek area.

Mineralization is developed within the silicified zones and consists of stringers of pyrite, pyrrhotite, sphalerite, chalcopyrite, galena and tetrahedrite. Examination of the metallic minerals in polished section

of one high grade sample indicated the presence of microscopic electrum and argentite in addition to the above.

Geophysics

A total of 0.4 line-km of VLF-EM survey was completed on a grid established at the Bonanza showing. A Geonics EM-16 electromagnetometer was used for the survey. Station NLK (Seattle, Washington at 24.8 k Hz) was used as the primary VLF field. The results are presented in profile (Figure 32, pocket) and are plotted so that a "left-wave" cross over of the in-phase tilt angle indicates the position of a discrete VLF conductor. Quadrature ellipticity readings were also taken but variation of the primary field makes the data inconclusive.

Two strong broad responses, which coalesce into a single strong conductor over the Bonanza trench, are present. The axis of this conductor trends ESE, corresponding to the strike of 108° of the Bonanza zone. The conductor is open at both ends of the grid. The presence of a strong conductor corresponding to the trend of the Bonanza zone suggests that the sulphide mineralization creates a strong VLF response.

Trenching and Geochemistry

A total of 15 linear metres of trenching exposed both the mineralization and the hanging and footwall sedimentary rocks (Figure 31, pocket). The mineralization consists of sulphides (pyrite, phyrrotite, galena, sphalerite, chalcopyrite, tetrahedrite) hosted in highly altered silicified rocks as stringers and patches within small fractures. The footwall rocks consist of sheared and folded pyritiferous (1-2% pyr) argillaceous quartzite. The hanging wall rocks are altered (pyrite quartz-sericite) argillites.

Geochemical sampling of the Bonanza showing included 16 soil samples taken at 10 m intervals along a base line parallel to the strike of the zone and 27 rock samples collected at and in the vicinity of the showing (Figure 31, pocket). Moderate to strong precious and base metal geochemical values characterize all soil samples collected. Six rock chip samples (Figure 31, inset, pocket) from the mineralized horizon returned an unweighted arithmetic average of 2.4 g/t Au and 372.7 g/t Ag, their Ag/Au ratio (155) being almost identical to that of the discovery grab sample (32-058: 13,899 g/t Ag 99 g/t Au; Ag/Au ratio = 154). Additional interesting geochemical Au and Ag anomalies (up to 2.4 g/t Au and 50.7 g/t Ag in chip samples) were encountered in a sheeted pyritiferous, quarzt-rich, yellowish-green stained zone (Blue Zone) located 30 m to the west and immediately below the Bonanza trench. This zone is characteristically depleted in base metals.

Diamond Drilling

Diamond drill hole 51 (306.9 m) was collared 120 m above the Bonanza showing, perpendicular to the strike of the showing (Azimuth 18°) at a dip of 65° (Figure 33, pocket, Appendix IV). The hole intersected a sequence of epiclastic?, greywackes and conglomerates underlain by argillite.

Mineralization, consisting of pyrite, chalcopyrite, galena and sphalerite, usually with quartz veins, was intersected in several places in the hole (Appendix IV) and generally had minor Au and Ag. A zone of alteration, primarily silicification, was intersected at 230.7 m to 237.2 m. Within this interval stringers, disseminations and fracture fillings of pyrite, pyrrhotite, chalcopyrite, galena and minor tetrahedrite were ubiquitous. Assays across this interval averaged 80.5 g/t Ag and 1.2 g/t Au across 6 m.

This interval probably corresponds to the Bonanza showing and shows down-dip continuity of mineralization of at least 125 m.

CONCLUSIONS AND RECOMMENDATIONS

Five areas of structurally controlled precious metal-base metal mineralization were identified by recconnaissance mapping, prospecting, and geochemical sampling. At one locality (Bonanza Showing) one tetrahedrite-rock grab sample returned values as high as 99 g/t Au, 13,899 g/t Ag, and 14.1% Cu. Follow up work on that showing delineated a 150 m x 10 m sulphide-bearing polymetallic zone which was intersected 125 m down dip by diamond drilling. Best intercept assayed 1.65 g/t Au, 113 g/t Ag, 0.78% Cu, 0.54% Pb and 3.54% Zn over 4 m.

Further trenching and drilling on the main Au bearing zones confirmed the presence of fracture/shear controlled massive to semimassive sulphide pods consisting of pyrite, subordinate chalcopyrite, sphalerite and minor galena contained within hydrothermally altered (k-feldspar, carbonate, sericite, quartz) volcaniclastic rocks. Sulphide mineralization is concentrated in ENE structures and to a lesser extent in younger N to NW structures. Lack of significant Au mineralization encountered during the 1984 drill program and data from previous drilling indicate that the gold occurs in discontinuous quartz-rich ore shoots, generally spatially related to sulphide mineralization. This relationship suggests that sulphide structures influenced gold deposition by changing either pH or Eh of the auriferous fluids.

Diamond drilling to investigate the source of the McFadden Float zone tested the hypothesis that the zone originates from a sub-glacial topographic high or nunatuk up-ice from the zone along a 300 m long, linear band of ice coincident with the ice flow direction of the McFadden Float. Unfortunately, only barren till overlying unmineralized volcaniclastic rocks of the Betty Creek Formation was encountered. It is possible that the source lies further up-ice in inaccessible portions of Johnny Glacier, that the source is small, or has been entirely removed by the glacier.

Based on the results of the 1984 program it is recommended that the option be terminated.

REFERENCES

Grove, E.W., 1971. Geology and Mineral Deposits of the Stewart Area. B.C. Dept. of Mines and Petroleum Resources, Bull. 58.

Grove, E.W., 1982. Geology of the Unuk River - Salmon River - Anyox Map area - 1:100000 scale Map.

Kerr, F.A., 1948. Lower Stikine and Western Iskut River Areas, British Columbia. Geol. Surv. Canada, Memoir 246.

Young, B.J., 1984. Johnny Mountain Gold Prospect, Iskut River Area. Vols. I & II. Placer Development Internal Report.

B.C.D.M. Assessment Report 630

Mawer, A. B., 1965. Report on Geological Survey of Bron Nos. 1 and 2 Groups. Cominco Report.

B.C.D.M. Assessment Report 769

Parsons, G., 1965. Geological Report on Bronson Creek Nos. 1-3 Claim Groups, Cominco Report.

B.C.D.M. Assessment Report 5275

L'Orsa, A., 1974. Geological Report Quinella Claims 1-64, Ecstall Mining Ltd. Report.

APPENDICES

APPENDIX I

ANALYTICAL PROCEDURES

ANALYTICAL PROCEDURES

Stream sediment samples for geochemical analysis were pre-sieved on site to -80 mesh and a 1 kg sample of this fraction was collected and dried. Samples were shipped to Acme Analytical Laboratories, Ltd., for further preparation and for analysis.

At Acme the samples were sieved to -20 mesh and wet panned to a sample size of approximately 250 g. The sample was then dried and treated with tetrabromoethane of S.G. of 2.96. The sample was redried, the magnetic fraction removed and hand pulverized. Gold was analysed by conventional fire assay and atomic absorption techniques and the other metals were analyzed on a sample digested with $HCl-HNO_3-H_2O$ (3:1:3) and analyzed by I.C.P.

Drill core and rock chip samples were shipped directly to Bondar-Clegg and Company Ltd. Rock chip samples include both bedrock grab and chip samples and float samples. At Bondar-Clegg the samples underwent preliminary crushing of the entire sample to 80% -10 mesh. A split consisting of 200-400 g was separated and pulverized to 50% -150 mesh and 99% -80 mesh in an impact pulveriser. From this sample a split was treated with a hot HNO_3-HCl solution to extract Cu, Pb, Zn and Ag. The resultant solution was analyzed by conventional atomic absorption methods for the above. Gold on all samples was analyzed by fire assay according to the following procedure. Samples were analyzed on a 0.5 assay ton or 1.0 assay ton basis depending on fuseability. The dore bead was dissolved and analyzed by A.A. for Au. Samples in excess of 0.20 o.p.t. were re-assayed and finished by the classic method of re-weighing the gold bead.

APPENDIX II

HEAVY MINERAL GEOCHEMISTRY

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: HEAVY MINERAL AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 6 1984 DATE REPORT MAILED: July 18/84 ASSAYER. .DEAN TOYE. CERTIFIED B.C. ASSAYER

ANACONDA PROJECT # 61998 FILE # 84-1447

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	H.% %	H.% SM
3-32-001	8	264	209	250	3.4	11	38	1249	8.93	70	2	ND	5	49	2	2	2	49	.66	.29	10	7	.35	47	.10	12	.55	.01	.22	2	12900	1.70	12.30
3-32-002	8	237	47	154	1.6	40	31	843	8.38	40	2	ND	5	53	1	3	2	106	1.01	.36	15	25	.71	172	.25	10	1.15	.03	.33	2	1500	1.70	5.50
3-32-003	4	240	204	214	9.4	10	39	1357	9.27	85	2	21	6	46	2	2	2	51	.67	.28	11	5	.34	43	.10	8	.53	.01	.22	2	30700	3.30	14.10
3-32-004	3	79	52	90	12.7	23	18	529	5.15	31	2	66	7	54	1	2	2	60	.87	.28	18	15	.36	129	.12	10	.72	.02	.18	3	3610	1.70	12.10
3-32-005	3	314	205	220	5.0	25	47	1225	11.39	109	2	9	9	53	2	2	21	56	.70	.24	17	10	.39	20	.11	15	.65	.02	.22	2	4920	2.90	8.40
3-32-006	8	133	61	186	4.9	44	34	1010	10.21	48	2	17	7	60	1	3	3	81	.92	.34	20	19	.44	119	.16	12	.98	.01	.16	2	2800	1.40	3.49
3-32-007	5	184	112	238	3.7	47	33	683	10.53	91	2	ND	9	56	2	2	2	79	.86	.34	14	13	.36	99	.15	10	.62	.02	.14	6	4820	1.50	7.20
3-32-008	4	89	36	146	1.7	26	22	603	8.20	43	2	ND	8	68	1	2	2	80	1.14	.46	18	17	.36	69	.15	15	.69	.01	.15	2	1470	1.30	7.80
3-32-009	5	79	26	109	1.2	30	23	636	6.57	24	2	ND	8	83	1	2	2	75	1.44	.56	24	17	.56	64	.14	12	.75	.01	.15	2	1660	2.10	8.10
3-32-010	5	157	53	208	1.7	38	29	797	9.39	41	2	ND	9	85	1	2	2	98	1.38	.51	28	24	.47	159	.17	14	.93	.02	.23	2	220	1.30	3.47
3-32-011	5	146	33	132	2.0	29	22	685	6.88	35	2	ND	8	74	1	2	2	72	.96	.27	23	21	.51	131	.15	13	.84	.02	.16	2	40	2.20	11.20
3-32-012	4	190	100	193	14.1	47	40	767	11.73	159	2	ND	11	63	1	2	2	67	.89	.27	25	16	.46	39	.14	13	.69	.02	.13	3	25200	1.20	5.20
3-32-013	7	488	193	533	11.9	130	99	494	27.63	638	2	ND	5	24	2	2	4	13	.30	.12	7	2	.16	7	.01	22	.17	.01	.05	2	270	2.40	7.20
3-32-014	5	870	110	610	7.2	158	105	1089	31.58	642	2	ND	6	32	4	2	16	23	.27	.15	2	3	.19	12	.02	22	.25	.01	.08	2	210	2.40	10.10
3-32-015	9	1772	149	714	8.2	135	124	1235	26.59	400	2	ND	5	46	4	2	18	47	.41	.18	2	10	.36	11	.05	11	.65	.01	.16	2	5100	2.40	11.40
3-32-016	7	538	217	725	10.2	76	90	1044	17.65	158	2	ND	8	86	5	10	2	73	1.31	.54	25	17	.38	27	.11	16	.80	.02	.18	19	1080	.70	5.10
3-32-017	5	140	59	191	4.0	33	41	640	7.16	57	2	6	5	64	1	2	2	59	.83	.28	13	16	.56	66	.11	12	.83	.01	.18	2	850	2.30	12.10
3-32-018	4	159	129	274	3.2	41	40	770	9.44	105	2	ND	6	69	2	3	2	66	.97	.35	16	14	.53	69	.12	11	.75	.01	.15	2	3600	1.10	8.10
3-32-019	4	242	157	297	3.4	40	35	747	9.16	68	2	ND	6	82	2	3	2	70	1.12	.40	19	19	.50	75	.12	11	.78	.02	.17	2	4300	.80	5.90
3-32-020	4	201	167	263	6.1	43	37	749	9.57	95	2	4	6	73	2	2	2	69	1.03	.37	18	22	.47	82	.12	12	.74	.02	.15	5	6200	1.20	6.80
3-32-021	5	127	103	277	3.7	73	84	732	11.06	86	2	ND	4	67	2	2	2	51	.78	.28	9	46	.60	37	.08	7	.90	.01	.19	10	24200	2.30	10.70
3-32-022	10	865	1133	1722	19.7	276	95	1662	28.18	766	2	ND	6	51	7	30	2	18	.55	.20	11	6	.29	11	.02	13	.37	.01	.06	2	7920	1.50	11.60
3-32-023	7	663	358	885	32.9	86	88	951	22.11	325	2	5	7	81	4	9	59	60	1.04	.49	2	13	.73	21	.06	17	.80	.01	.07	2	21600	1.90	6.20
3-32-024	6	490	363	1224	21.5	109	60	899	17.66	446	2	29	12	72	6	8	23	51	.85	.34	10	13	.90	34	.08	11	.73	.02	.10	2	8200	.90	6.30
3-32-025	15	2022	483	2598	35.3	126	43	1498	25.26	579	2	20	9	40	12	20	58	43	.48	.28	8	16	.45	42	.08	6	.82	.01	.08	2	19600	.60	3.94
3-32-026	9	981	927	2143	24.5	99	54	1014	21.13	925	2	5	6	61	13	21	14	56	.87	.44	6	12	.57	40	.08	8	.80	.02	.11	2	20800	1.50	5.80
3-32-027	12	777	466	1665	15.5	79	45	1323	21.09	533	2	ND	7	57	7	11	19	44	.74	.36	5	10	.37	44	.05	13	.81	.01	.11	2	1620	1.20	6.10
3-32-028	3	181	558	1412	2.9	15	26	1029	6.44	210	2	ND	5	44	9	2	4	37	.83	.33	10	1	.31	33	.08	9	.41	.01	.19	2	6100	2.40	22.30
3-32-029	5	338	258	408	4.8	23	55	990	12.26	235	2	4	6	63	2	4	3	75	1.35	.59	12	16	.54	40	.14	10	1.05	.02	.37	2	1530	1.50	10.30
3-32-030	3	143	23	90	.6	22	16	292	3.14	29	2	ND	6	31	1	2	3	50	.92	.26	11	23	.64	113	.12	6	.94	.03	.19	2	115	2.90	12.80
3-32-031	3	173	148	241	2.2	32	64	859	14.18	175	3	ND	6	47	2	2	3	42	.79	.26	4	14	.42	18	.07	11	.63	.02	.21	2	3960	1.60	15.10
3-32-032	3	42	25	59	.6	24	18	491	3.88	25	2	ND	12	38	1	2	2	40	.76	.18	30	24	.32	87	.09	7	.70	.02	.10	2	170	1.20	7.20
3-32-033	18	187	278	138	1.5	26	21	372	3.98	74	2	ND	10	82	1	2	2	51	1.46	.36	13	30	.44	124	.10	8	1.06	.05	.28	13	675	2.60	26.90
3-32-034	3	61	17	64	.5	24	15	471	3.40	26	2	ND	59	38	1	2	2	48	.82	.21	34	27	.42	165	.11	7	.79	.03	.14	4	75	2.10	12.90
3-32-035	4	54	14	40	1.7	46	41	640	5.88	24	2	ND	17	31	1	2	2	40	.65	.12	38	20	.34	75	.11	9	.69	.02	.09	5	7860	1.40	9.20
3-32-036	7	126	22	78	.8	63	59	566	10.19	36	2	ND	11	40	1	2	2	56	.76	.18	20	24	.73	36	.16	10	1.12	.02	.06	6	14	1.60	8.20
3-32-037	4	122	22	61	1.0	37	19	399	4.15	63	2	ND	8	101	1	2	2	41	1.49	.36	20	12	.27	126	.08	8	1.16	.04	.07	6	90	1.80	11.20
STD A-1/FA-AU	2	30	39	186	.3	36	13	1050	2.79	10	2	ND	3	37	1	2	2	56	.62	.10	7	64	.63	255	.09	8	1.99	.02	.19	2	52	-	-

ANACONDA PROJECT # 61998 FILE # 84-1447 PAGE 2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	H.M %	H.M. GM
3-32-038	3	41	15	79	.3	9	12	679	7.26	19	2	ND	16	67	1	2	2	111	.93	.26	40	15	.38	82	.25	12	.80	.02	.17	11	8120	1.20	9.10
3-32-039	3	135	39	196	1.0	15	24	747	10.15	89	2	ND	11	65	1	2	2	92	.92	.30	22	7	.31	55	.21	12	.59	.01	.19	2	155	1.30	14.20
3-32-040 K	16	81	909	219	122.5	1	1	58	1.26	71	2	ND	9	9	1	67	2	28	.07	.03	21	5	.03	172	.01	10	.44	.01	.28	2	2200	~~.05~~	~~.2~~
3-32-041 K	10	689	312	529	9.6	23	13	983	3.31	314	2	ND	14	119	2	33	7	25	1.29	.11	31	14	.33	60	.01	14	.92	.03	.22	2	825	~~.05~~	~~.7~~
3-34-001	7	302	113	275	5.5	49	39	915	15.09	77	2	ND	10	111	2	6	2	137	1.29	.44	27	17	.41	117	.21	8	.90	.02	.19	3	300	1.00	4.19
3-34-002	5	292	107	266	5.4	54	37	993	14.55	76	2	ND	10	120	2	5	2	129	1.37	.45	29	20	.47	129	.19	15	.99	.02	.19	2	40	1.00	3.89
3-34-003	7	204	94	255	4.8	57	39	1385	15.68	102	2	ND	9	109	1	6	2	112	1.11	.33	25	21	.46	57	.19	8	1.01	.03	.17	2	144	1.30	3.36
3-34-004	10	1063	89	722	5.0	98	87	1478	30.25	406	2	ND	6	48	4	2	14	51	.35	.17	2	8	.32	12	.05	5	.64	.01	.18	2	250	2.10	9.10
3-34-005	4	244	80	143	2.9	34	29	1009	11.31	80	2	ND	16	82	1	5	2	107	.99	.28	39	16	.55	85	.23	12	.78	.02	.16	2	700	1.30	6.80
SS-001	6	207	56	266	2.1	33	25	910	15.67	48	2	ND	12	143	1	2	2	187	1.35	.34	33	23	.58	184	.33	8	1.19	.03	.23	2	200	.20	.91
STD A-1/FA-AU	2	30	39	188	.3	36	13	1061	2.82	10	2	ND	4	37	1	2	2	57	.63	.11	7	65	.64	258	.10	8	2.01	.02	.20	2	52	-	-

K analysed as pulp received.
No heavies

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

APPENDIX III

Rock Sample Descriptions

Sample No	Description
01-001	Bonanza Trench - See detailed sketch map (figure 31).
01-002	Bonanza Trench - See detailed sketch map (figure 31).
01-003	Bonanza Trench - See detailed sketch map (figure 31).
01-004	bedded siliceous tuff, 3-10% pyrite - Unuk R. Fm. - Bronson Ck.
01-005	bedded, pyritic, black cherty argillite - Bronson Ck.
01-006	light green siliceous argillite overlies 01-005 - Bronson Ck.
01-007	bedded argillaceous siltstone with thin py (chalcopyrite) interbands - Bronson Ck.
01-008	massive fine grained siliceous rock, minor py. Unuk R. Fm. - Bronson Ck.
01-009	Bonanza Trench - See detailed sketch map (figure 31).
01-010	Bonanza Trench - See detailed sketch map (figure 31).
01-011	South of Bonanza showing - Rusty weathered argillite interbedded with quartzite - 1.0 m chip.
01-012	South of Bonanza showing - Massive felsic unit, slightly sheared - 1.0 m chip.
01-013	South of Bonanza showing - quartzite - 1.0 m chip.
01-014	South of Bonanza showing - quartzite - 1.0 m chip.
01-015	South of Bonanza showing - argillite - 1.0 m chip.
01-016	Bonanza Trench - See detailed sketch map (figure 31).
01-017	Bonanza Trench - See detailed sketch map (figure 31).
01-018	Bonanza Trench - See detailed sketch map (figure 31).
01-019	Bonanza Trench - See detailed sketch map (figure 31).
01-020	Bonanza Trench - See detailed sketch map (figure 31).
01-021	Bonanza Trench - See detailed sketch map (figure 31).
01-023	pyritic black argillite or calcareous siltstone - Johnny Glacier - Flats area.

37-001 float - 1st Basin - Burnie Claims.

37-002 float - 1st Basin - Burnie Claims.

37-003 float - 1st Basin - Burnie Claims.

37-004 no information - 1st Basin Burnie Claims.

37-005 no information - 1st Basin-Burnie Claims.

37-006 no information - 1st Basin-Burnie Claims.

38-001 no information - 1st Basin-Burnie Claims.

38-002 no information - 1st Basin-Burnie Claims.

38-003 no information - 1st Basin-Burnie Claims.

38-004 no information - 1st Basin-Burnie Claims.

32-001 10 cm wide quartz vein with galena - Davis Ck.

32-002 quartz vein with galena, sphalerite-Jekill R. channel 10 cm width.

32-003 altered red rock with py (chalcopyrite) - Dogleg Ck. grab.

32-004 30 cm wide rusty shear zone - Dogleg Ck. chip.

32-005 massive pyritic gossan - Sky Ck. chip 20 cm width.

32-006 rusty shear zone with pyrite - High Au Ck. grab.

32-007 float - sulfide bearing - Bronson Ck.

32-008 float - sulfide bearing, sphalerite-chalcopyrite and galena - Bronson Ck.

32-009 float - massive pyrite with chalcopyrite - Bronson Ck.

32-010 float - sulfide bearing, chalcopyrite, sphalerite and galena - Bronson Ck.

32-012 2 m wide quartz-sericite-pyrite zone - Bronson Ck. chip.

32-013 10 cm wide quartz vein with chalcopyrite, sphalerite, galena in dacite - Bronson Ck. chip.

32-014 2 m wide sericite-quartz-pyrite shear zone - Bronson Ck. chip.

32-015 dacitic tuff with disseminated pyrite and chalcopyrite - Bronson Ck. chip composite across 4 m.

32-016 15 cm wide fissile shear with sphalerite and galena - Bronson Ck. chip.

32-017 20 cm wide zone of quartz veins with sphalerite galena, pyrite - Bronson Ck. grab.

32-018 15 cm rusty shear with fracture fillings of pyrite and chalcopyrite - Bronson Ck. grab.

32-019 30 cm rusty shear with galena mineralization - Bronson Ck. chip.

32-020 80 cm chip across gossanous wallrock adjacent to 32-019

Bronson Ck.

32-021 70 cm wide pyrite- quartz- sericite- fuchsite alteration zone - Bronson Ck. chip.

32-022 1 m sample of wallrock at sample 32-12 - Bronson Ck. chip.

32-023 1.2 m sample of wallrock at sample 32-012 - Bronson Ck. chip.

32-024 high grade sample of sphalerite, chalcopyrite in quartz-sericite -pyrite at sample 32-012; 20 cm wide - Bronson Ck. chip.

32-025 1.0m sample of wallrock at 32-012 - Bronson Ck. chip.

32-026 15 cm wide shear zone with sphalerite and galena hosted in argillite - Bronson Ck. chip.

32-027 gossan with galena and sphalerite mineralization - Bronson Ck. chip across 20 cm.

32-028 greenish purple lithic tuff with an 80 cm wide zone of galena, chalcopyrite, sphalerite and pyrite as fracture fillings - Bronson Ck. grab.

32-029 greenish purple lithic tuff (as in 32-028); 50 cm composite chip with galena and sphalerite - Bronson Ck.

32-030 2 m wide quartz-sericite schist-zone with pyrite and sphalerite - Bronson Ck. chip.

32-031 same as 32-030 - Bronson Ck. chip.

32-032 same as 32-030 but with some fuchsite. chip.

32-033 same as 32-032 - Bronson Ck. chip.

32-034 massive sphalerite-galena in black argillite- Bronson Ck. channel.

32-035 high grade sphalerite-galena band 10 cm wide - Bronson Ck. chip.

32-036 composite chip of orange weathered argillite with 1-5 cm wide sphalerite stringers in 3.5 m wide orange weathered zone - Bronson Ck.

32-037 25 cm wide high grade sample with sphalerite, galena, and chalcopyrite in quartz-sericite orangy weathered zone. chip.

32-038 15 cm zone with 20% sphalerite, 2% chalcopyrite and galena, 15cm wide - Bronson Ck. chip.

32-039 15 cm wide massive galena, sphalerite veinlet - Bronson Ck. chip.

32-040 sericite schist with sphalerite,galena mineralization - Bronson Ck. chip across 30 cm.

32-043 silicified crystal tuff with pyrite, chalcopyrite fracture fillings - Bronson Ck. 45 cm chip.

32-044 2 m wide sample including 20 cm wide high grade sphalerite zone in 6 m wide rusty shear - Bronson Ck. chip.

32-045 fuchsite-pyrite-sericite alteration zone in rusty shear zone - Bronson Ck. chip across 40 cm.

32-046 float - quartz-sericite-pyrite from above 32-045 - Bronson Ck.

32-047 float - massive pyrite-quartz-sericite from above 32-045 - Bronson Ck.

32-048 quartz vein with sphalerite and galena mineralization - Bronson Ck. chip across 20 cm.

32-049 10-20 cm wide quartz-carbonate vein with high grade galena and sphalerite - Bronson Ck. channel sample in old adit.

32-050 10 cm wide arsenopyrite vein with trace chalcopyrite, sphalerite, pyrite, sericite, quartz and calcite - Bronson Ck. channel

32-051 40 cm wide quartz vein with galena and sphalerite in black argillite - Bronson Ck. chip.

32-052 25 cm wide rusty shear with quartz, sericite, calcite and galena, sphalerite - Bronson Ck. chip.

32-053 30 cm wide quartz breccia at contact zone between tan colored arenite and grey siltstone - Sky Ck. area.

32-054 25 cm silicified shear with pyrite sphalerite fracture fillings. chip.

32-055 disseminated, vein and massive pyrite in malachite stained rock - Sky Ck. chip across 20 cm.

32-056 rusty gouge 30 cm wide same as TBR-82-218- Sky Ck. chip.

32-057 same as TBR-82-219 - Sky Ck. chip.

32-058 massive tetrahedrite, chalcopyrite, pyrite vein 15 cm wide in white highly altered rock - Bonanza Zone. grab.

32-059 silicified phyllitic schist with 2% pyrite and trace sphalerite - Bronson Ck. chip across 50 cm.

32-060 10 cm wide quartz vein with 20% sphalerite, trace chalcopyrite near contact with cherty rock - Bronson Ck.

32-061 float vuggy - quartz- sericite - pyrite schist - Bronson Ck.

32-062 6 cm quartz-chalcopyrite-pyrite-sphalerite stringer in sericite schist.

32-063 high grade sphalerite vein in 15 cm wide shear - Bronson Ck. grab.

32-064 silicified rusty zone with 5% sphalerite in competent green tuff - Bronson Ck. chip across 35 cm.

32-065 hematite, sphalerite in quartz breccia - Jekill R. grab.

32-066 5 cm wide massive sphalerite, chalcopyrite lens in 10cm wide rusty alteration zone with fracture filling mineralization - Bronson Ck. grab.

32-067 8 cm wide high grade zone of quartz, sphalerite, galena and calcite stringers - Bronson Ck. grab.

32-070 float - green metasediment with pyrite, quartz and malachite staining - Location unkonwn.

32-071 20 cm wide quartzite with sphalerite and galena fracture filling - Reg 5 Claim. chip.

32-072 tetrahedrite and malachite/azurite in white carbonate-rich rock. Hangover showing. chip across 20 cm.

32-073 malachite stained quartz stockwork with 1 cm quartz veins and minor galena - Burnie Claims, Jekill R. chip across 15.

32-074 pyritic shear zone adjacent to 32-001 - Davis Ck. chip across 35 cm.

32-075 continuation of mineralized quartz vein (32-001) across creek - Davis Ck. channel across 8 cm.

32-076 3-10 cm wide quartz veins with galena, sphalerite and trace chalcopyrite, pyrite 30 m downslope from 32-001 - Davis Ck. chip across 8 cm.

32-077 continuation of quartz stringer zone 20 m from 32-076 - Davis Ck. chip across 10 cm.

32-078 intensely folded quartz breccia in phyllitic shist with pyrite - Dogleg Ck. chip across 30 cm.

32-079 quartz-sericite-pyrite alteration zone with trace sphalerite - Dogleg Ck. chip across 40 cm.

32-080 quartz stockwork with sphalerite, pyrite - Dogleg Ck. chip across 50 cm.

32-081 quartz stockwork with sphalerite, pyrite - Dogleg Ck. chip across 50 cm.

32-082 5 m zone of 1-10 cm wide quartz stringers with galena, sphalerite and pyrite - Dogleg Ck. grab.

32-083 quartz veins with pyrite, sphalerite and galena in grey pyritic schist - High Au Ck. grab.

32-084 grey schist with minor phyllic alteration as in 82-083 - High Au Ck. chip across 40 cm.

32-085 sphalerite, galena, chalcopyrite zone related to 32-083, 32-084 - High Au Ck. chip 30 cm width.

32-086 late quartz-chalcopyrite-pyrite vein cutting sericite schist - Sky Ck. chip 20 cm width.

32-087 5 cm wide quartz vein in fault gouge with pyrite and sphalerite. Sky Ck area on Reg Claims. chip.

32-088 pyrite sericite schist - Reg 7 claim - Bronson Glacier. chip 40 cm width.

32-089 argillite with 7 cm wide zone of galena and sphalerite as fracture fillings - Reg 7 Claim, Bronson Glacier. grab.

32-090 sericite-pyrite-fuchsite schist coincident with airborne EM conductor - Bronson Ck. chip.

32-091 same as 32-090 - Bronson Ck. chip.

32-092 3 cm wide shear with pyrite, sphalerite and galena in dacitic tuff - Bronson Ck. chip.

32-093 sericite schist with pyrite-Cooee 2 Claim. chip 45 cm width.

32-094 siliceous, flinty hornfels sediment with galena-sphalerite fracture filling over 10 cm - Cooee 2 Claim. grab.

32-095 5-15 cm wide quartz veins with sphalerite mineralization - Cooee 2 Claim. chip.

32-096 phyllitic schist with pyrite bands to 1 mm - Burnie 1 Claim. chip 50 cm width.

32-097 disseminatd pyrite to 2% at 32-096 - Burnie 1 Claim. chip 60 cm width.

32-098 Chalcopyrite-bearing gauge adjacent to high grade 32-058 - 60 cm chip. Bonanza Trench. channel 30 cm width.

32-099 Pyritiferous sample 6 m ESE of 32-058 - Bonanza Trench. chip 50 cm width.

32-100 Quartz-sericite-pyrite zone with bluish-yellowish green stain. Numerous 3-5 cm quartz veins - 80 cm chip - Blue grey zone. chip.

32-101 Pyritiferous (1-2% pyr) greywacke. chip 75 cm width.

32-102 Blue grey zone - 1.0 m chip.

32-103	Blue grey zone - 1.0 m chip.
32-104	Blue grey zone - 1.0 m chip.
32-105	Blue grey zone - 1.0 m chip.
32-106	quartz-sericite-pyrite schist - Bronson Ck. chip across 75 cm.
32-107	as above.
32-108	as above.
32-109	dacitic tuff with trace galena. grab.
32-110	greywacke with disseminated pyrite and galena - Bronson Ck. Greywacke showing. grab.
32-111	massive pyrite-chalcopyrite, 80% pyrite-10% chalcopyrite-10% serite - Bronson Ck. grab.
32-112	sphalerite, galena stringer - Bronson Ck. grab.
30-001	pyritic felsite dike - Johnny Flats.
30-002	grey argillite with sphalerite in contact zone - Bronson Ck.
33-003	vuggy contact with sphalerite - Bronson Ck.
33-004	no information - Burnie 2 Claim, 2nd Basin.
33-005	alteration zone with pyrite and quartz - Bronson Ck, east of Greywacke showing.
33-006	quartz vein system with galena and sphalerite - Bronson Ck, north of Greywacke showing.
33-007	as in 33-005 - Bronson Ck, north of Greywacke showing.
33-008	float - massive chalcopyrite - Bronson Ck, north of Greywacke showing.
33-009	- Bronson Ck, Greywacke showing. 1.0 m chip.
33-010	- Bronson Ck, Greywacke showing. 1.5 m chip.
33-011	- Bronson Ck, Greywache showing. 2.0 m chip.
33-012	- Bronson Ck, Greywacke showing. Float.
33-013	- Bronson Ck, Greywacke showing. 0.5 m chip.
33-014	0.5 m chip, siltstone with minor pyrite - Bronson Ck, Greywacke showing.
33-015	as in 33-016.3% disseminated pyrite - Bronson Ck, Greywacke showing. chip.
33-016	Panel sample of silicified light grey rock with 10% disseminated pyrite and trace sphalerite - Bronson Ck, Greywacke showing.
36-001	volcaniclastic rock with sphalerite - Snip Claims, Trench 4, grab sample.

36-002	galena rich argillite with 20 cm quartz vein - El Oro claim, at adit, grab sample.
36-003	pyritic felsite - Mermaid claim, grab sample.
36-004	sheared feldspar porphyry, quartz stockwork with minor galena - 1 m x 1 m panel. Dogleg Ck. Reg 9 claim.
36-005	as in 36-004 1 m x 0.5 m panel.
36-006	as in 36-004 1 m x 0.5 m panel.
36-007	pyritic metasediment, quartz lens material, grab sample, area of 36-004.
36-008	metasediment, minor pyrite, trace galena. Sky Ck, Reg 9 claim, 1 m x 0.5 m panel.
36-009	chlorite-feldspar-quartz rock with pyrite. 1 m x 1 m panel, area of 36-008.
36-010	same as 36-009, 10 m upstream, 1 m x 1 m panel.
36-011	same as 36-009, 17 m upstream, 1 m x 1 m panel.
36-012	breccia unit, 50 m upstream from 36-009, 0.5 m x 1 m panel.
36-013	same as 36-012, 10 m upstream.
36-014	same as 36-012, 150 m upstream.
36-015	float - quartz calcite veined feldspar porphyry with trace pyrite-Burnie Claims, Bronson Ck area.
36-016	same as 36-015, 100m upslope.
36-017	float - quartz and pyrite - Bronson Glacier area Burnie claims.
36-018	float - near 36-017 quartz vein material.
36-019	same area as 36-017. Volcaniclastic tuff breccia with patches of galena, sphalerite. grab.
36-020	same as 36-019. grab.
36-021	same as 36-019. grab.
36-022	Chalcopyrite-tetrahedrite-pyrrhotite - Bonanza Trench - 0.6 m chip.
36-023	float - porphyry with coarse grained pyrite, Johnny Glacier.
36-024	70 m downstream from R-19 showing poor outcrop of bleached rubbly rock. grab.
36-025	float - massive py, trace chalcopyrite sphalerite - near SP6 - main grid.

APPENDIX IV

1984 DIAMOND DRILL LOGS

All results in ppm unless otherwise indicated

LEGEND

COLUMN 1 – LITHOLOGY

- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta – argillite
- Meta – arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration

- Moderate pervasive, Intense pervasive (texture obliterated)

b) Carbonate Alteration

- Pervasive, Vein, veinlet

c) Other Alteration

- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization

- Disseminated
- Vein, veinlets, stringers
- Massive, semi massive

- Pyrite
- Pyrite and chalcopyrite
- Other sulfides

b) Structure

- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining

- Vein

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

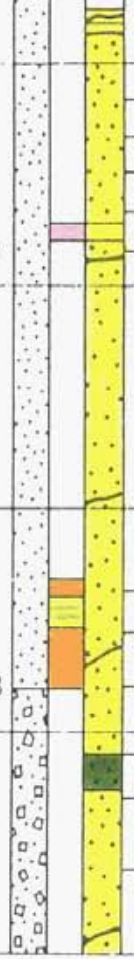
HOLE NO. 84-40 DEPTH 99.67 ELEV. 1,177.5 m DATE LOGGED Aug 5
DATE DRILLED Aug 4 CORE SIZE NQ AZIMUTH 135° DIP -45°
SCALE OF LOG 1:200 LOGGED BY LR/JB CO-ORD. 10,325NW 9626NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS						
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
CASING											
LAPILLI TUFF - 10% bt., crowded feldspar 1-2% Py LAPILLI TUFF - TUFF BRECCIA - Mafic > 90%											
dark chloritic fragments shear											
ALTERED-ROCK-TEXTURE DESTROYED. 50% Py, 10% Cpy qtz + kspar				1-31-001	15.1	16.1	0.27				
2-5% Py sericitic qtz-carb vein											
30% Py string. LAPILLI TUFF - 10% fspar laths 10-15% bt. clots.				1-31-002	25.2	26.3	0.24				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-40 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
5% Py											
				1-31-034	36.0	37.0	0.10				
				1-31-035	37.0	38.0	0.14				
				1-31-036	38.0	39.0	0.41				
				1-31-037	39.0	40.0	0.07				
carb veinlets, 30% Py				1-31-003	40.0	41.0	0.51				
- destruction of bt, chlorite - destruction of texture.				1-31-004	50.1	51.4	0.14				
				1-31-005	51.4	52.8	0.17				
52.3 TUFF BRECCIA:- variably chlorite,				1-31-006	52.8	54.6	0.24				
bt, carb, kspar alteration. Variable rock composition. → diss, sulf 30% Py, 10% Cpy				1-31-007	54.6	55.6	0.27				
				1-31-008	55.6	57.6	0.27				
1-5% Py				1-31-009	57.6	60.0	0.17				



ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-40 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
Py				1-31-010	60.0	62.0	0.17				
Py				1-31-011	62.0	64.0	0.21				
63.2 LAPILLI TUFF - felsic, leucocratic fragments with intense kspar alteration. Py				1-31-012	64.0	66.0	0.24				
2-5% Py diss.				1-31-013	66.0	68.0	0.10				
				1-31-014	68.0	70.2	0.10				
TUFF BRECCIA ALTERED ROCK-TEXTURE DESTROYED. 70.2				1-31-015	70.2	71.2	0.07				
71.2				1-31-016	71.2	72.0	0.10				
				1-31-017	72.0	73.0	0.10				
				1-31-018	73.0	74.0	0.10				
				1-31-019	74.0	75.0	0.07				
				1-31-020	75.0	76.0	< 0.07				
76.0 ALTERED ROCK-TEXTURE DESTROYED. Intensly brecciated, kspar, sericite flooded.				1-31-021	76.0	77.0	< 0.07				
				1-31-022	77.0	78.0	< 0.07				
				1-31-023	78.0	79.0	< 0.07				
79.5				1-31-024	79.0	80.0	< 0.07				
sericite flooded 80.1				1-31-025	80.0	81.0	< 0.07				
LAPILLI TUFF - kspar altered, relic fragments preserved, brecciated.				1-31-026	81.0	82.0	< 0.07				
				1-31-027	82.0	83.0	0.10				
				1-31-028	83.0	84.0	0.07				
				1-31-029	84.0	85.0	0.07				
				1-31-030	85.0	86.0	0.07				
				1-31-031	86.0	87.6	0.17				
87.6 TUFF BRECCIA - leucocratic ALTERED ROCK - TEXTURE DESTROYED.				1-31-032	87.6	89.4	0.10				
89.4				1-31-033	89.4	90.5					

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-40 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
LAPILLI TUFF	90.5			XX	1-31-033	89.4	90.5	<0.07				
TUFF - fine grained ash tuff, tuff abundant plag laths.												
LAPILLI TUFF-TUFF BRECCIA	93.57											
END OF HOLE	99.67											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-41 DEPTH 87.48 m ELEV. 1,170.7 m DATE LOGGED Aug 14
DATE DRILLED Aug 6/7 CORE SIZE NQ AZIMUTH 145° DIP -45°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 10,361 NW 9531NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
CASING											
TUFF BRECCIA - medium to coarse grained tuff breccia, intermediate to felsic fragments, mafics altered to chlorite and light brown biotite. 8.44											
Massive sulfide - 50% Py + 5% Cpy 12.6 14.1 mod. kspar alteration.				1-31-038	12.58	13.58	<0.07				
				1-31-039	13.58	14.58	0.07				
				1-31-040	14.58	15.58	0.07				
				1-31-041	15.58	16.58	0.10				
Py vein parallel to core 1 cm wide											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-41 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
Fault gouge at 30° to core.											
Intense kspar alteration.											
44.7											
ALTERED ROCK-TEXTURE DESTROYED. - Intense kspar alteration, some small quartz veinlets, 5%				1-31-042	44.7	45.7	0.17				
				1-31-043	45.7	46.7	0.14				
				1-31-044	46.7	47.7	0.17				
≤ 5 m plagioclase laths.				1-31-045	47.7	48.7	0.34				
				1-31-046	48.7	49.7	0.14				
Stringers and patches of Py with trace Cpy.				1-31-047	49.7	50.7	0.07				
				1-31-048	50.7	51.7	0.17				
				1-31-049	51.7	52.7	0.38				
				1-31-050	52.7	53.7	0.24				
Massive sulfide 75% Py + 5% Cpy.				1-31-051	53.7	54.7	0.34				
				1-31-052	54.7	55.7	0.24				
				1-31-053	55.7	56.7	0.14				
				1-31-054	56.7	57.7	0.10				
58.7				1-31-055	57.7	58.84	0.07				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-41 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TUFF BRECCIA - 60% felsic and 40% mafic fragments, moderate kspar alteration, increasing mafic component down the unit.	62.1 62.7											
60% Py band →	67.2 68.0											
LAPILLI TUFF - moderate kspar alteration. 1-2 mm qtz+carb veins	76.7											
ALTERED ROCK-TEXTURE DESTROYED. Intense kspar alteration, crackle breccia.	80.1 82.1				1-31-058	80.12	81.12	<0.07	0.68			
					1-31-059	81.12	82.12	0.07	0.68			
END OF HOLE	87.84											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-42 DEPTH 111.86 m ELEV. 1,163.5 m DATE LOGGED Aug 15/84
DATE DRILLED Aug 7-8/84 CORE SIZE NQ AZIMUTH 135° DIP 45°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 10,372NW 9419NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
CASING 0.00-5.35 m	0.00											
CRYSTAL TUFF - 5.35-10.4 m	5.35											
-consists of plagioclase fragments (to 5.0 mm) with potasium feldspar alteration, mafic fragments altered to chlorite + biotite & felsic fragments altered to potassium feldspar.	7.95			~~	25° to CA							
-7.95 & 9.21-9.63 - fault zones.	9.21-9.63				40° to CA							
ALTERED TUFF - 11.0-11.4 m	10.9 11.0				31-060	10.42	11.42	.07				
-intense potassium feldspar alteration has destroyed all textures.	11.4											
-pyrite filled fractures at 11.0 m.												
CRYSTAL TUFF - 11.4-43.12 m												
-saf 5.35-10.4 m												
-pyrite bands at 22.8, 23.45, 26.5 m and 31.48.												
	22.8 23.45											
	26.5											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-42 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3
-34.1 pyrite band with minor chalcopyrite.	31.48			
-38.55-43.18 m - stringers & veinlets of pyrite with chalcopyrite between 38.55-39.9 m.	50° to CA 33.9 / 34.1			
ASH to LAPILLI TUFF - 43.18-61.97 m	43.18			
-0.5-1 cm fragments of potassium feldspar & biotite in a fine grained matrix.				
-strongly foliated at 30° to core axis with moderately potassium feldspar alteration, 15-20% biotite and <0.5% sulfides as patches and stringers.	47.85			
-some quartz and carbonate veins parallel to foliation				
-1 cm quartz vein at 45.6 with black tourmaline.				
-3-5 cm wide quartz vein sub-parallel to CA at 47.85.				
-quartz vein at 59.34 with pyrrhotite, chalcopyrite, galena and sphalerite.	59.39			

ASSAYS							
SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
31-061	33.92	34.92	.07				
31-062	34.92	35.92	.17				
31-063	35.92	36.92	.07				
31-064	36.92	37.92	.07				
31-065	37.92	38.92	.07				
31-066	38.92	39.92	.10				
31-067	39.92	40.92	.07				
31-068	40.92	41.92	.07				
31-069	41.92	42.92	.07				
31-070	42.92	43.92	.07				
31-071	43.92	44.92	.07				
31-072	44.92	45.92	.07				
31-073	45.92	46.48	.07				
31-074	46.48	47.48	.07				
31-075	47.48	48.48	.07				
31-076	48.48	49.48	.07				
31-077	49.48	50.48	.07				
31-078	50.48	51.48	.07				
31-079	51.48	52.48	.07				
31-080	52.48	53.48	.07				
31-081	53.48	54.48	.07				
31-082	54.48	55.48	.07				
31-083	55.48	56.48	.07				
31-084	56.48	57.48	.07				
31-085	57.48	58.48	.07				
31-086	58.48	59.48	.10				
31-087	59.48	60.48	.07				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-42 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
					31-088	60.48	61.48	.07				
VOLCANIC CONGLOMERATE - 61.97-77.6 m	61.97				31-089	61.48	62.48	.07				
-coarse dacite to rhyolitic clasts with angular to round shapes within a fine grained biotite matrix with occasional epiclastic cobbles.												
-structures and soft sediment deformation in siliceous (cherty?) interbeds accompanied by occasional load casts and dropstones.												
-tectonic cross fracturing and and moderate deformation developed.												
-61.99 - quartz vein with pyrite, galena and sphalerite.												
ASH TUFF - 77.6-83.6 m	77.6											
-fine grained rock of volcaniclastic or sedimentary origin.												
-consists buff sericitic quartzo-feldspathic interbeds within darker brown biotite rich beds up to 10 cm in thickness.												
-occasional bedding plane	83.6											
quartz veins are boudinaged and deformed 1-5 cm quartz gash veins crosscutts bedding.	85.0				31-090	84.43	85.43	.07				
-later quartz-carbonate veins crosscut all bedding.					31-091	85.43	86.43	.07				
					31-092	86.43	87.43	.07				
					31-093	87.43	88.43	.07				
					31-094	88.43	89.43	.07				
VOLCANIC CONGLOMERATE - 83.6-85.0 m					31-095	89.43	90.43	.07				

-saf 61.97-77.6 m.

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-42 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
META-ARKOSE - 85.0-100.66 m	91.05				31-096	90.43	91.43	.07				
-fine to medium grained grey-green to buff siliceous rock.					31-097	91.43	92.43	.07				
-homogeneous with only local faint bedding and pyrrhotite <.5%.	93.0				31-098	92.43	93.43	.07				
					31-099	93.43	94.43	.07				
91.05-93.00 - sub-parallel to CA quartz veins with pyrrhotite and sphalerite.	94.0				31-100	94.43	95.43	.07				
					31-101	95.43	96.43	.10				
					31-102	96.43	97.43	.07				
					31-103	97.43	98.43	.07				
94.0 - quartz vein with pyrrhotite and sphalerite.					31-104	98.43	99.43	.07				
					31-105	99.43	100.43	.07				
META-ARGILLITE	100.66				31-106	100.43	101.43	.07				
					31-107	101.43	102.43	.07				
-fine grained black rock with well preserved bedding.					31-108	102.43	103.43	.07				
-individual beds are homogeneous and hornfelsic in character.					31-109	103.43	104.43	.07				
	104.67				31-110	104.43	105.43	.07				
META-ARKOSE - 104.67-111.86					31-111	105.43	106.43	.07				
-saf 85.0-100.66 m but greyer in colour with more crosscutting quartz veinlets.					31-112	106.43	107.43	.07				
					31-113	107.43	108.43	.07				
					31-114	108.43	109.43	.07				
-110.2 - sphalerite vein 2 cm in width.	110.02				31-115	109.43	110.43	.07				
	111.86				31-116	110.43	111.86	.07				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-43 DEPTH 148.44 m ELEV. 1,210.9 m DATE LOGGED Aug 16/84
DATE DRILLED Aug 9/84 CORE SIZE NQ AZIMUTH 100° DIP -45°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD.

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
							ASSAYS				
CASING											
LAPILLI TUFF - sericitic and k-feldspathic lapilli tuff, relict fragments, strongly foliated and brecciated. 3.64											
				1-31-119	8.0	9.0	0.14	1.37			
				1-31-120	9.0	10.0	0.24	0.68			
				1-31-121	10.0	11.0	0.07	0.68			
Quartz vein, Cpy, unknown.				1-31-122	11.0	12.0	0.10	0.68			
				1-31-123	12.0	13.0	1.30	18.71			
				1-31-124	13.0	14.0	0.14	0.68			
14.79				1-31-125	14.0	15.0	0.65	1.37			
ALTERED ROCK-TEXTURE DESTROYED				1-31-126	15.0	16.0	<0.07	1.03			
- brecciated and sheared, abundant sericite, kspar, kaolinite,				1-31-127	16.0	17.0	<0.07	1.37			
				1-31-128	17.0	18.0	<0.07	0.68			
occasional ghosts of lapilli.				1-31-129	18.0	19.0	<0.07	1.37			
				1-31-130	19.0	20.0	<0.07	2.06			
19.78				1-31-131	20.0	21.0	<0.07	1.71			
- ubiquitous carbonate as veins and stringers. 20.75				1-31-132	21.0	22.0	<0.07	0.68			
				1-31-133	22.0	23.0	<0.07	0.68			
				1-31-134	23.0	24.0	<0.07	0.68			
				1-31-135	24.0	25.0	<0.07	0.68			
				1-31-136	25.0	26.0	0.07	0.68			
				1-31-137	26.0	27.0	0.14	1.37			
				1-31-138	27.0	28.0	<0.07	0.68			
				1-31-139	28.0	29.0	<0.07	0.68			
Py + tourmaline veinlet.				1-31-140	29.0	30.0	<0.07	1.37			

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-43 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
30.55				1-31-141	30.0	31.0	< 0.07	1.03			
31.15				1-31-142	31.0	32.0	< 0.07	1.03			
Intense carbonate alteration.				1-31-143	32.0	33.0	< 0.07	0.68			
				1-31-144	33.0	34.0	< 0.07	1.37			
				1-31-145	34.0	35.0	< 0.07	1.37			
				1-31-146	35.0	36.0	< 0.07	0.68			
				1-31-147	36.0	37.0	0.07	0.68			
				1-31-148	37.0	38.0	< 0.07	1.37			
				1-31-149	38.0	39.0	< 0.07	0.68			
				1-31-150	39.0	40.0	0.07	1.03			
				1-31-151	40.0	41.0	0.07	1.37			
Increased silic- 41.7				1-31-152	41.0	42.0	1.10	3.09			
ification and quartz veins.				1-31-153	42.0	43.0	0.51	3.09			
				1-31-154	43.0	44.0	0.69	4.80			
44.2				1-31-155	44.0	45.0	4.94	16.11			
diss. Py+Cpy+freibergite 45.0				1-31-156	45.0	46.0	0.27	0.68			
Intense carbonate alteration in matrix.				1-31-157	46.0	47.0	0.07	2.40			
				1-31-158	47.0	48.0	< 0.07	1.37			
				1-31-159	48.0	49.0	0.07	0.68			
				1-31-160	49.0	50.0	0.07	0.68			
Intense crackle breccia- 51.3				1-31-161	50.0	51.0	< 0.07	0.68			
tion occasional vuggy quartz.				1-31-162	51.0	52.0	< 0.07	0.68			
51.6				1-31-163	52.0	53.0	< 0.07	0.68			
				1-31-164	53.0	54.0	< 0.07	0.68			
tourmaline in quartz vein				1-31-165	54.0	55.0	< 0.07	0.68			
				1-31-166	55.0	56.0	< 0.07	0.68			
				1-31-167	56.0	57.0	< 0.07	0.68			
				1-31-168	57.0	58.0	< 0.07	1.71			
				1-31-169	58.0	59.0	< 0.07	0.68			
				1-31-170	59.0	60.0	< 0.07	1.03			

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-43 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
					1-31-171	60.0	61.0	< 0.07	0.68			
					1-31-172	61.0	62.0	< 0.07	0.68			
					1-31-173	62.0	63.0	< 0.07	0.68			
					1-31-174	63.0	64.0	< 0.07	1.03			
					1-31-175	64.0	65.0	< 0.07	0.68			
					1-31-176	65.0	66.0	< 0.07	0.68			
					1-31-177	66.0	67.0	< 0.07	1.37			
					1-31-178	67.0	68.0	< 0.07	1.03			
					1-31-179	68.0	69.0	< 0.07	1.37			
					1-31-180	69.0	70.0	< 0.07	1.37			
Kaolinite along fractures.	69.98				1-31-181	70.0	71.0	< 0.07	0.68			
	71.30				1-31-182	71.0	72.0	< 0.07	0.68			
					1-31-183	72.0	73.0	< 0.07	1.37			
					1-31-184	73.0	74.0	< 0.07	0.68			
					1-31-185	74.0	75.0	< 0.07	0.68			
Py within fractures.	75.8				1-31-186	75.0	76.0	0.17	3.09			
	76.5				1-31-187	76.0	77.0	0.07	2.06			
	77.4				1-31-188	77.0	78.0	< 0.07	0.68			
	78.4				1-31-189	78.0	79.0	< 0.07	0.68			
	80.1				1-31-190	79.0	80.0	< 0.07	1.37			
Microgranular emerald green mineral in fractures.					1-31-191	80.0	81.0	< 0.07	0.68			
					1-31-192	81.0	82.0	< 0.07	0.68			
					1-31-193	82.0	83.0	< 0.07	0.68			
					1-31-194	83.0	84.0	< 0.07	0.68			
					1-31-195	84.0	85.0	< 0.07	0.68			
					1-31-196	85.0	86.0	< 0.07	0.68			
					1-31-197	86.0	87.0	< 0.07	0.68			
					1-31-198	87.0	88.0	< 0.07	0.68			
LAPILLI TUFF. Carbonate, kspar					1-31-199	88.0	89.0	< 0.07	0.68			
					1-31-200	89.0	90.0	< 0.07	0.68			

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-43 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
and chlorite alteration relict lapilli.					1-31-201	90.0	91.0	0.10	0.68			
					1-31-202	91.0	92.0	< 0.07	0.68			
Moderate to intense carbonate alteration in matrix.	92.7				1-31-203	92.0	93.0	0.07	0.68			
					1-31-204	93.0	94.0	< 0.07	0.68			
					1-31-205	94.0	95.0	< 0.07	0.68			
					1-31-206	95.0	96.0	< 0.07	0.68			
					1-31-207	96.0	97.0	0.27	0.68			
					1-31-208	97.0	98.0	< 0.07	0.68			
					1-31-209	98.0	99.0	< 0.07	0.68			
					1-31-210	99.0	100.0	< 0.07	1.03			
					1-31-211	100.0	101.0	< 0.07	0.68			
					1-31-212	101.0	102.0	< 0.07	0.68			
					1-31-213	102.0	103.0	< 0.07	0.68			
					1-31-214	103.0	104.0	< 0.07	1.03			
					1-31-215	104.0	105.0	< 0.07	0.68			
					1-31-216	105.0	106.0	< 0.07	0.68			
5 quartz veins with specular hematite.	105.4 106.2				1-31-217	106.0	107.0	< 0.07	0.68			
					1-31-218	107.0	108.0	< 0.07	1.03			
					1-31-219	108.0	109.0	< 0.07	0.68			
					1-31-220	109.0	110.0	< 0.07	0.68			
Massive Py veinlets.	101.1				1-31-221	110.0	111.0	0.79	3.43			
					1-31-222	111.0	112.0	0.10	3.09			
					1-31-223	112.0	113.0	0.17	0.68			
ALTERED ROCK-TEXTURE DESTROYED.	113.25				1-31-224	113.0	114.0	0.21	2.06			
kspar + silicification + 35% Py	114.60				1-31-225	114.0	115.0	0.24	3.09			
LAPILLI TUFF.					1-31-226	115.0	116.0	< 0.07	1.37			
					1-31-227	116.0	117.0	0.07	1.37			
					1-31-228	117.0	118.0	0.07	1.37			
ALTERED ROCK-TEXTURE DESTROYED. 10% Py as patches.	118.4				1-31-229	118.0	119.0	< 0.07	1.37			
					1-31-330	119.0	120.0	0.41	2.06			

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-43 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS								
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
				1-31-233	120.0	121.0	<0.07	0.4	6	79	134
LAPILLI TUFF - chloritic lapilli tuff minor kspar, carbonate alteration. Minor (1%) epidote alteration.				1-31-234	121.0	122.0	<0.07	0.3	6	42	278
				1-31-235	122.0	123.0	<0.07	0.2	13	45	103
				1-31-236	123.0	124.0	<0.07	0.2	2	27	87
				1-31-237	124.0	125.0	<0.07	0.2	3	20	62
				1-31-238	125.0	126.0	<0.07	0.2	6	7	97
				1-31-239	126.0	127.0	<0.07	0.6	94	5	100
				1-31-240	127.0	128.0	<0.07	0.2	6	5	97
				1-31-241	128.0	129.0	<0.07	0.4	50	6	72
				1-31-242	129.0	130.0	<0.07	0.2	10	5	87
				1-31-243	130.0	131.0	<0.07	0.2	18	4	85
				1-31-244	131.0	132.0	<0.07	0.2	20	4	72
				1-31-245	132.0	133.0	<0.07	0.2	32	2	125
				1-31-246	133.0	134.0	<0.07	0.2	5	3	66
				1-31-247	134.0	135.0	<0.07	0.2	22	4	68
				1-31-248	135.0	136.0	<0.07	0.2	51	4	86
				1-31-249	136.0	137.0	<0.07	0.3	14	7	175
				1-31-250	137.0	138.0	<0.07	0.3	69	2	164
hematite in schistosity				1-31-251	138.0	139.0	<0.07	0.2	7	2	154
				1-31-252	139.0	140.0	<0.07	0.2	7	15	163
				1-31-253	140.0	141.0	<0.07	0.2	3	5	137
				1-31-254	141.0	142.0	<0.07	0.2	2	2	164
				1-31-255	142.0	143.0	<0.07	0.2	1	5	147
				1-31-256	143.0	144.0	0.17	0.2	3	3	154
quartz vein + Cpy				1-31-257	144.0	145.0	<0.07	0.2	22	6	119
				1-31-258	145.0	146.0	<0.07	0.2	12	7	86
				1-31-259	146.0	147.0	<0.07	1.8	1160	7	84
				1-31-260	147.0	148.0	<0.07	0.2	44	10	52
END OF HOLE											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-44 DEPTH 96.32 m ELEV. 1,410.2 m DATE LOGGED Aug 26/84
DATE DRILLED Aug 14/84 CORE SIZE NQ/BQ AZIMUTH N/A DIP -90°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9,397NW 10,215NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
ICE - homogeneous and free of sediment - no debris bands present.											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-44 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - composed of silt to boulder sized fractions, unstratified but locally partially sorted, clasts are mafic to intermediate volcanic rocks which are chloritized and epidotized. Minor disseminated Py. Minor quartz veining.	34.4 pebble to cobble											
	cobble to boulder											
	pebble to cobble											
	cobble				2-37-016	53.96	57.01	.07	.03	268	19	231
	sill/sand											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-44 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
cobble to boulder											
				2-37-017	60.06	63.11	0.07	0.2	84	18	150
LAPILLI TUFF - dacite fragments in a light green chloritic matrix, local ptygmatic quartz vein, local Fe				2-37-018	63.11	63.91	0.07	0.3	41	13	87
				1-31-263	65.0	66.0	< 0.07	< 0.2	5	4	43
alteration of limonite and hematite along fractures and surrounding 2-20 cm of wall rock.				1-31-264	66.0	67.0	< 0.07	< 0.2	5	7	45
				1-31-265	67.0	68.0	< 0.07	< 0.2	13	5	57
				1-31-266	68.0	69.0	< 0.07	< 0.2	1	4	68
				1-31-267	69.0	69.3	< 0.07	< 0.2	5	5	48
				1-31-268	69.3	70.3	< 0.07	< 0.2	10	5	61
				1-31-269	70.3	71.3	< 0.07	< 0.2	13	4	89
				1-31-270	72.4	72.7	< 0.07	< 0.2	10	10	146
				1-31-271	76.7	77.3	< 0.07	< 0.2	12	8	70
crackle breccia				1-31-272	85.4	85.9	< 0.07	< 0.2	2	9	160

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-44 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
END OF HOLE 96.32											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-45 DEPTH 100.58 m ELEV. 1,410.4 m DATE LOGGED Aug 26/84
DATE DRILLED Aug 18-20/84 CORE SIZE NQ/BQ AZIMUTH 320° DIP 60°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9399NW 10,215NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL (m) FROM	INTERVAL (m) TO	Au	Ag	Cu	Pb	Zn
0.00 ICE - 0.00-43.64 m - homogeneous and free of sediments no debris bands present.											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-45 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS						
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - 43.64 - 52.12 m - 43.64 - cored interval. - consists of 85% chloritized boulders of andesitic to dacitic lapilli tuff to ash tuff within a fine grained ~~silt and pebble matrix.~~				2-37-001	45.73	48.78	0.07	0.5	164	57	482
				2-37-002	48.78	51.82	0.07	0.6	71	68	599
52.12-74.42 m - tricone interval 52.12 - only fine grained sludge retained				2-37-003	51.82	54.88	0.07	0.7	170	46	490
0% core recovery				2-37-004	51.82	54.88	0.07	0.3	54	100	292
				2-37-005	54.88	57.93	0.07	0.3	76	57	667
				2-37-006	57.93	60.98	0.07	0.4	66	33	339

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-45 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
				37-007	60.98	64.02	0.07	0.3	52	34	324
				37-008	64.02	67.07	0.07	0.5	78	36	323
				37-009	67.07	70.12	0.07	0.3	41	16	192
				37-010	70.12	73.17	0.07	0.3	59	24	200
0% core recovery											
ASH to LAPILLI TUFF - fine grained ash to lapilli tuff - homogeneous in texture - chloritic with abundant plagioclase rich frag- 74.42				37-013	73.17	76.22	0.07	0.1	95	14	118
76.20			~~								
76.66				37-014	76.22	79.27	0.07	0.2	80	9	105
ments of probable dacitic composition - highly faulted and fractured with frequent sericite and fault gouge developed - trace amounts of potassium 81.38											
81.62 feldspar alteration and minor quartz veining - sulfides generally absent.			~~	37-015	79.27	82.32	0.07	0.1	50	12	188
				37-273	84.5	85.5	0.07	0.2	8.0	34.0	124.0
89.0 - moderate carbonate alteration with											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-45 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
pervasive ankerite and calcite and veinlets of calcite.												
					31-274	93.3	94.3	0.07	0.2	25.0	8.0	77.0
					31-275	94.3	95.3	0.07	0.2	12.0	6.0	71.0
					31-276	95.3	96.3	0.07	0.2	14.0	6.0	74.0
					31-277	96.3	97.3	0.07	0.2	6.0	7.0	28.0
-occasional potassium feldspar in narrow veinlets.	97.72				31-278	97.3	98.3	0.07	0.3	88.0	14.0	36.0
	98.56			~	31-279	98.3	99.3	0.07	0.4	97.0	14.0	34.0
	99.13				31-280	99.3	100.3	0.07	0.2	8.0	10.0	29.0
END OF HOLE	100.58				31-281	100.3	100.58	0.07	0.2	8.0	6.0	38.0

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-46 DEPTH 48.46 ELEV. 1,410.3 m DATE LOGGED Aug 26/84
DATE DRILLED Aug 21-23/84 CORE SIZE BQ AZIMUTH 150° DIP 45°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9,400NW 10,216NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
ICE - 0.00-35.92 m - homogeneous and free of sediment and debris bands.	0.00											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-46 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - 35.97-48.46 m	35.97											
- cored interval. - consists of unstratified silt to boulder sized material. - clasts of chloritic volcanic composition. 35.97-42.0 m - silt to sand	42.0				2-37-011	36.5	38.11	0.07	0.3	38.0	78.0	363.0
					2-37-282	38.1	39.1	<0.07	0.2	68.0	84.0	324.0
					2-37-283	39.1	40.1	<0.07	0.2	30.0	25.0	344.0
					2-37-284	40.1	41.1	<0.07	0.2	28.0	48.0	420.0
					2-37-285	41.1	42.1	<0.07	0.2	19.0	26.0	324.0
matrix with 3 cobbles. 42.0-48.46 m - clasts ranging from cobble to boulder size.					2-37-286	42.1	43.1	<0.07	0.4	38.0	13.0	322.0
					2-37-287	43.1	44.1	<0.07	0.2	19.0	12.0	600.0
					2-37-288	44.1	45.1	<0.07	0.2	7.0	42.0	430.0
					2-37-289	45.1	46.1	<0.07	0.2	22.0	108.0	240.0
					2-37-290	46.1	47.1	<0.07	0.2	5.0	32.0	131.0
					2-37-291	47.1	48.46	<0.07	0.2	8.0	142.0	264.0
END OF HOLE	48.46											
- hole abandoned an estimated 20 m from bedrock due to inability to drive in casing.					Additional Till Geochemistry							
					37-012	38.11	39.63	0.07	0.2	26.0	24.0	225.0

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-47 DEPTH 72.54 m ELEV. 1,426.0 m DATE LOGGED Sept 2/84
DATE DRILLED Aug 24-27/84 CORE SIZE NQ/BQ AZIMUTH N/A DIP 90°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9349NW 10,200NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
ICE - 0.00-33.53 m - homogeneous and free of sediment and debris bands.	0.00											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-47 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - 33.53-72.54 m 33.53											
- cored interval.				31-295	33.53	34.93	<0.07				
- unsorted, unstratified silt to boulder size material - boulders are sub-rounded to angular - boulder composition includes chloritic lapilli tuff and epidotized ash tuff, volcanic conglomerate and one boulder of mafic dyke composition.				31-296	34.93	36.27	<0.07				
				31-297	36.27	38.40	<0.07				
				31-298	38.40	40.42	<0.07				
				31-299	40.42	42.37	<0.07				
- 70% of clasts are at least cobble sized with the maximum boulder dimension 1.2 m.				31-300	42.37	43.28	<0.07				
				31-301	43.28	44.81	<0.07				
- boulders are larger in size than previous holes with no correlation between boulder size and composition.				31-302	44.81	46.21	<0.07				
- cored samples 31-295-303 consist of fines only.				31-303	47.75	49.26	<0.07				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

SHEET 3 OF 3

HOLE NO. 84-47 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
END OF HOLE 72.54 - hole abandoned due to freezing water lines and freezing up of bits.											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-48 DEPTH 130.14 m ELEV. 1,439.4 m DATE LOGGED Sept 2/84
DATE DRILLED Aug 28-30/84 CORE SIZE NQ AZIMUTH N/A DIP -90°
SCALE OF LOG 1:200 LOGGED BY JM/MS CO-ORD. 9301NW 10,187NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL (m) FROM	INTERVAL (m) TO	Au	Ag	Cu	Pb	Zn
ICE - 0.00-42.67 m - generally homogeneous and free of sediment and debris. - 4 smaller boulder fragments cased out of ice.	0.00											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-48 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - 42.67-77.72 m - triconed interval. - no sludge samples returned.	42.67											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-48 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
LAPILLI TUFF - 77.72-100.25 m	77.72											
- casing reamed 1.5 m into bedrock to 79.21 m.	79.21				31-309	Cased Boulder						
- crystal to lapilli tuff-sericite and carbonate alteration imparts a grey-mauve colour with prominent feldspar phenocrysts.	79.95				31-304	79.24	80.24	0.07				
	80.95											
	81.30											
	83.0											
	83.6											
- 79.-86.0 - a zone of quartz/carbonate veins up to 2 cm wide.					31-305	85.35	86.35	0.07				
	86.0											
- 83.0-83.6 - zone of crackle brecciation + vugs with carbonate and epidote veins.												

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-48 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
- 91.3, 92.66 and 104.29 fracture 1 fault with gouge.	91.3											
	92.66											
- 94.4-95.9 - crackle brecciation.	94.4											
- 98.0-98.2 - quartz, carbonate and chlorite veins.	95.9											
	98.0											
	98.2											
ASH to LAPILLI TUFF - 100.25-106.40 m	100.25											
- mauve, biotitic interval consisting of ash sized fragments (80%) with occasional lapilli (20%) and 0.5-2 cm wide carbonate and/or quartz veinlets.	104.29											
	105.82											
VOLCANIC BRECCIA - 106.4-116.2 m	106.05											
- fragments of light grey porphyritic dacite in a matrix of ash to lapilli sized fragments - matrix more biotitic and mauve coloured.	106.40											
	108.2											
					31-306	111.86	112.86	0.07				
	113.04											
ASH TUFF - 116.2 - 118.4 m	116.2											
- saf 100.25 - 106.4 m.												
- <10% lapilli sized fragments.												
LAPILLI TUFF - 118.4 - 130.14 m	118.4											
- saf 77.72-100.25 m.												

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-48 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
- 125.82 & 126.91 m - fault with gouge. - 127.1 & 127.4, 127.8 - quartz veins with chlorite. - 128.1-128.5 - micro folded and contorted bedding. - 128.8-129.3 - bleached interval with carbonate veining.	125.82				Lost core							
- 129.3-130.14 - pyrite in veins sub-parallel to core axis. - less intense folding of bedding.	126.06 126.91 127.1 127.4 127.8 128.1 128.5 128.8 129.2				31-307	127.08	128.08	0.07				
					31-308	128.63	129.63	0.07				
END OF HOLE	130.14											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-49 DEPTH 74.98 m ELEV. 1,452.9 m DATE LOGGED Sept. 6/84
DATE DRILLED Aug 31-Sept 2 CORE SIZE NQ AZIMUTH - DIP -90°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9,251NW 10,171NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL (m) FROM	INTERVAL (m) TO	Au	Ag	Cu	Pb	Zn
ICE - 0.00-47.24 m - homogeneous and free of sediment and debris.	0.00											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-49 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS						
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
TILL - 47.24-65.23 m 47.24											
- triconed interval. - only sludge returned				37-021	48.78	50.30	5.0				
				37-022	50.30	51.83	5.0				
				37-023	51.83	53.35	5.0				
				37-024	53.35	54.88	5.0				
				37-025	54.88	56.40	5.0				
				37-026	56.40	57.93	5.0				
				37-027	57.93	59.45	5.0				
				37-028							

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 89-49 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
					37-028	54.95	60.98	5.0				
					37-029	60.98	62.50	5.0				
					37-030	62.50	64.02	5.0				
LAPILLI TUFF	65.23				37-031	64.02	65.55	5.0				
- dark green chloritic rock with phenocrysts of plagioclase (to 3 mm) in both matrix and fragments.				~								
- may include both crystal and lapilli tuffaceous intervals.				~	37-032	65.55	67.07	5.0				
- 65.23-72.90 m - fault zone with				~	37-033	67.07	68.60	5.0				
				~	31-311	67.78	68.78	0.07				
				~								
				~								
broken and fractured rock with abundant fault gouge.	72.90			~	31-312	72.25	73.19	0.07				
END OF HOLE	74.98											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-50 DEPTH 79.25 m ELEV. 1,467.8 m DATE LOGGED Sept. 6/84
DATE DRILLED Sept 3-4/84 CORE SIZE NQ AZIMUTH 138° DIP -60°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD. 9,196NW 10,161NE

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
ICE - 0.00-54.98 m	0.00											
- homogeneous and free of sediment and debris.												

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-50 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
								ppb				
TILL - 54.98-57.24 m -cored interval. -fine grained silt to sand matrix (65%) with pebbles and 1 cobble.	54.98 57.24				2-37-036	54.98	57.24	5.0				
LAPILLI TUFF -dark grey green lapilli tuff 1 broken & faulted with local limonite staining.	58.24 -58.57			~~								

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-50 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3
- 60.8 - limonite showing - 58.24-58.57, 63.0-63.3, 65.11-65.31, 74.55-75.0 and 75.55-77.63 m - fault with gouge. - 67.4-71.8 - extensive fault zone with broken core and gouge.	60.8 63.0 63.8 65.11-65.31			
- 75.6-75.99 - quartz veining sub-parallel to core axis.	67.0 67.4 71.8			
	74.55-75.0 75.60-75.94 77.55-77.63			
END OF HOLE	79.24			

ASSAYS							
SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
31-313	60.05	61.05	0.07				
31-314	61.05	62.05	0.07				
31-315	62.05	63.05	0.07				
31-316	63.05	64.05	0.07				
31-317	64.05	65.05	0.07				
31-318	65.05	66.25	0.07				
31-319	66.25	67.05	0.07				
31-320	73.03	74.03	0.07				

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH 307.01 m ELEV. 972 m DATE LOGGED Sept 17/84
DATE DRILLED Sept 12/84 CORE SIZE NQ AZIMUTH 18° DIP 65°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD.

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
CASING												
CONGLOMERATE - leucocratic pebbles with minor mafic lapilli fragments, minor carbonate veins cut by later chlorite veinlets - upward fining sequence.	6.40											
SANDSTONE - Homogeneous sandstone with minor volcaniclastic component.	8.7											
Silicified interval with Cpy,Sph,Gal,Py with quartz vein.	18.9				1-31-321	18.5	18.9	0.27	7.90	51.5	27,000	42,000
CONGLOMERATE - chlorite + Po veinlets. SANDSTONE												
ARGILLITE SANDSTONE	25.0											
ARGILLITE quartz vein	28.6											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
banded and weakly deformed with quartz and carb. vein, Gal, Sph.	32.18				1-31-322	30.08	31.08	0.07	0.9	64	93	177
					1-31-323	31.08	32.08	0.07	0.6	32	102	92
					1-31-324	32.08	32.71	0.07	6.2	233	525	2,520
brecciated with cuspate or angular fragments.												
SANDSTONE - medium grey sandstone with minor lapilli and argillite interbeds.					1-31-325	36.12	37.12	0.07	1,4	110	54	148
					1-31-326	37.12	38.12	0.07	1.5	103	57	66
					1-31-327	38.12	39.12	0.07	1.7	109	70	109
bleached and silicified Gal,Sph	40.5				1-31-328	39.12	40.12	0.07	0.8	34	47	58
					1-31-329	40.12	41.12	0.07	9.0	89	1,100	4,260
Gal vein	41.8				1-31-330	41.12	42.12	0.07	17.0	252	2,200	2,130
Biotitic	43.5				1-31-331	42.12	43.12	0.31	2.5	75	279	465
	45.4											
quartz-carb veining	47.9											
quartz vein Po+Py Gal,Sph,Cpy,Po	49.3				1-31-332	49.14	50.14	0.07	0.5	45	75	90
					1-31-333	50.14	51.14	0.07	3.2	52	900	1,150
					1-31-334	51.14	52.14	0.07	20.0	112	5,500	10,600
	51.5											
quartz veining												
quartz-carb veining												

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
64.95			~~								
77.42											
				~~1-31-335~~	~~77.42~~	~~78.42~~	~~0.14~~	~~1.2~~	~~115~~	~~52~~	~~171~~
				1-31-336	78.42	79.42	0.17	3.7	149	550	1,370
				1-31-337	79.42	80.42	0.27	11.0	239	2,100	2,810
81.29											
CONGLOMERATE											
87.25											
GREYWACKE - dark grey homogeneous greywacke, 1-2% Py											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
Brecciation, matrix of carb, quartz. 4% diss Py 90.66											
96.24 quartz carb vein 100.24											
				1-31-338	104.77	105.77	0.07	0.2	76	7	112
Brecciated 110 111.2											
fault with pink carbonate											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
CONGLOMERATE angular to sub-rounded clasts to 3 cm.	124.8				1-31-339	124.76	126.76	0.14	12.0	215	5,000	19,600
biotitic and sericitic with 2-40% Py and quartz-carb veins with Sph and Gal.					1-31-340	125.76	126.76	0.07	2.8	156	1,000	5,070
					1-31-341	126.76	127.96	0.07	1.3	114	440	865
					1-31-342	127.76	128.76	0.07	1.9	221	580	8,200
					1-31-343	128.76	129.76	0.07	0.2	131	11	162
					1-31-344	129.76	130.76	0.07	0.2	114	23	125
GREYWACKE - 1-2% Py	132.7											
quartz veins, silicification contorted along bedding Po, Py, Gal.	143.0 143.6											
CONGLOMERATE - interbeds of coarse breccia. quartz veins & Po	145.5											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
interbeds of sandstone and argillite.											
				1-31-345	154.33	155.33	1.41	25.0	142	5,300	18,800
argillite-sandstone breccia											
165.3 quartz vein with carb,Sph,Gal,Po				1-31-346	165.33	165.53	0.21	8.2	54	1,650	4,060
170.1 quartz vein with Po,Py,Gal				1-31-347	169.57	170.57	0.07	0.9	57	155	485
177.1											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
quartz veins & Po					1-31-348	180.91	181.31	0.07	2.8	69	65	134
	187.7											
argillite breccia	188.8 189.9											
silicified, vuggy with Py,Po,chlorite	197.3											
	199.5											
argillite breccia												
argillite breccia												
	205.1											
ARGILLITE SANDSTONE fractured limonitic	206.9											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
fractured and silicified no sulfide											
228.3											
contact silicified and indistinct											
ALTERED ROCK - no distinguishable texture sulfide mineralization - Py,Sph,Cpy,Po,(Gal) as stringers and contorted bands in silicified rock to 230.7				1-31-351	229.73	230.73	0.31	1.4	149	217	1,650
				1-31-352	230.73	231.73	0.27	24.0	3,690	400	830
				1-31-353	231.73	232.73	0.07	5.8	790	219	1,780
				1-31-354	232.73	233.73	2.74	155.3	11,080	7,800	65,000
20%. Tetrahedrite in patches and stringers. Many chlorite, carb, qtz veins with mineralization.				1-31-355	233.73	234.73	2.40	74.4	8,650	4,320	46,000
				1-31-356	234.73	235.73	1.06	86.7	3,520	4,390	12,600
				1-31-357	235.73	236.73	0.41	136.8	8,060	5,350	17,900
				1-31-358	236.73	237.73	0.07	3.0	153	398	1,140
Sandstone				1-31-359	237.73	238.58	0.14	0.4	50	25	120

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)			1	2	3	ASSAYS							
						SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
ARGILLITE		248.8											
SANDSTONE		251.1											
						1-31-360	252.3	253.3	0.07	0.4	43	19	72
ARGILLITE	quartz vein	253.8											
SANDSTONE		256.7											
ARGILLITE		257.9											
SANDSTONE		265.3											
ARGILLITE		266.5											
						1-31-360	269.39	270.39	0.07	0.3	71	12	102

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)			1	2	3	ASSAYS							
						SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
SANDSTONE ARGILLITE - high angle bedding		271.0 271.5											
SANDSTONE ARGILLITE		274.2 274.8				1-31-362	273.35	274.35	0.07	0.2	60	11	92
SANDSTONE	contact parallel to core	277											
						1-31-363	284.67	285.67	0.07	0.2	34	14	52
ARGILLITE		290.9											
SANDSTONE ARGILLITE		292 292.5											
SANDSTONE		296.2											
ARGILLITE		298.1											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

HOLE NO. 84-51 DEPTH _____ ELEV. _____ DATE LOGGED _____
DATE DRILLED _____ CORE SIZE _____ AZIMUTH _____ DIP _____
SCALE OF LOG _____ LOGGED BY _____ CO-ORD. _____

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)	1	2	3	ASSAYS							
				SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
SANDSTONE 300.6											
diss. Po + Sph				1-31-364	302.19	303.19	0.07	5.5	94	1,595	4,100
ARGILLITE 304.1											
Po vein											
				1-31-365	306.1	307.1	0.07	0.2	61	16	92
307.01											

ANACONDA CANADA EXPLORATION LTD.
ISKUT PROJECT
DRILL LOG

SHEET 1 OF 1

HOLE NO. 51A DEPTH 15.59 m ELEV. 972 m DATE LOGGED Sept 17/84
DATE DRILLED Sept 11/84 CORE SIZE NQ AZIMUTH 18° DIP -55°
SCALE OF LOG 1:200 LOGGED BY JB/MS CO-ORD.

LITHOLOGY (1), ALTERATION (2), MINERALIZATION AND STRUCTURE (3)		1	2	3	ASSAYS							
					SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	Au	Ag	Cu	Pb	Zn
OVERBURDEN												
Quartz vein in boulder - vuggy	11.5											
limonitic with trace Cpy,Gal,Po,Sph.												
Quartz vein with Gal and Sph.	13.8 14.3											
HOLE ABANDONED	15.6											

APPENDIX V

1984 STATEMENT OF COSTS

REG 1-9 CLAIMS

1/2 - 3/4 season

STATEMENT OF COSTS

Reg 1-9 Claims
Reg 1 & 2 Groups

Iskut Project

Personnel	Field Time (incl. 20% Benefits)				$
M. Sawiuk Project Super.	June.26-30,July 1-6,7-31 Aug.1-18,24-31,Sept.1-19	80.5	days x	$124/diem	9,982.00
J.Burlington Geologist	June 25-30,July 1-6,7-31 Aug.1-8,14,15,18-31, Sept. 1-19	79.5	"	$120/ "	9,540.00
A. Kikauka Geologist	Jun 25-30, July 1-31, Aug. 1-9	46	"	$112/ "	5,152.00
R. Gordon Geologist	Jun 25,28-30, July 1-31, Aug. 1-8,12-19, 21-31, Sept. 1-10	72	"	$85/ "	6,120.00
F. Thrane Field Tech.	Jun 25-30, July 1-31, Aug. 1-31, Sept.1-14	82	"	$95/ "	7,790.00
B. Marini Field Tech.	Jun 25,28-30, July 1-14, 16-31, Aug. 1-7	41	"	$135/ "	5,535.00
D. Carr Field Tech.	Aug. 12-31, Sept. 1-10	30	"	$105/ "	3,150.00
D. Coolidge Field Tech.	Aug. 23-31, Sept. 1-14	23	"	$78/ "	1,794.00
A. Scott Geophysicist	Aug. 4-9	6	"	$187/ "	1,122.00
B. Broster Consultant	Aug. 4-7	4	"	$500/ "	2,000.00
L. Riccio Geologist	July 4,5,6*,7,14,16 Aug. 4-7, 28,29	11	"	$187/ "	2,057.00
P. Matysek Geochemist	Aug. 21	1	"	$140/ "	140.00
J. Burdette Tractor Op.	Jun 25-29, July 2-31, Aug. 1-31,Sept. 1-20	86	"	$230/ "	19,780.00

TOTAL LABOUR		74,162.00

* Indicates half days

Helicopter- Hughes 500-D

June 25-28, 30 5.6 hrs.		
July 1-7, 11, 14, 16,		
17, 19-21, 24-28, 30,	18.0 "	
Aug. 1, 3-31 3.75 "		
Sept. 1, 6-19 34.0 "		
95.1 hrs. @ $410/hr. =	$38,991.00	
Fuel: 95.1 hrs. x 100 L/hr. x $1.125/L =	10,698.75	
		$49,689.75

Geochemical Costs

43 Stream Sediment samples @ $23.80	$1,023.40	
141 Rock Chip samples @ $15.70	2,213.70	
184 Rock Chip samples - Assay @ $18.95	3,486.80	
325 Drill Core samples - Assay @ $18.95	6,158.75	
41 Till samples @ $23.80	975.80	
		$13,858.45

D6-C Bulldozer Costs

Fuel (est) 15 X 200 l	$ 3,136.80	
Maintenance, Labour & Equipment	13,803.09	
		$16,939.89

Diamond Drilling Costs

Fuel 24 X 200 l	$ 5,018.88	
Supplies	9,195.60	
D.D. Cost	127,137.57	
		$141,352.05

Report Writing - 30 days @ $244/diem

M. Sawluk 30 days @ $124/diem	$3,720.00	
J. Burlington 30 days @ $120/diem	3,600.00	
		$7,320.00
Pro rate Total		$166,155.30
Pro rata labour and indirect charges (per Schedule A): 562 mandays @	295.65	166,155.30
TOTAL		$462,157.44

SCHEDULE "A"

Project Costs

Schedule of general costs, expenditures, travel expenses and general project expenses. To be applied to assessment on a pro rata basis.

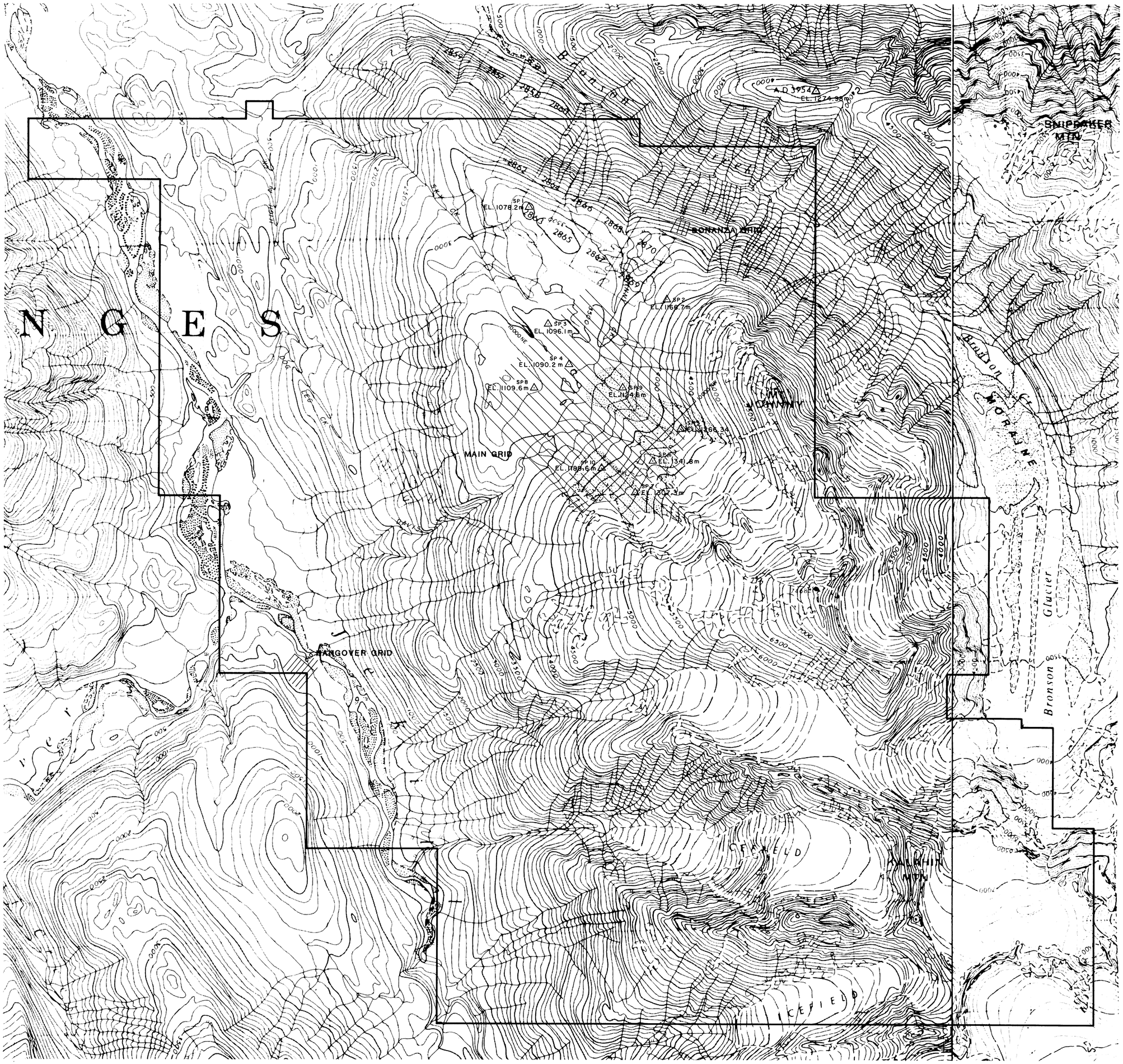
Total Project Man Days: 623

General Labour Costs Incl. travel time

Personnel				
M. Sawiuk	June 25, Sept. 20-21	3 days	@ $124/diem	372.00
J. Burlington	June 22-24, Sept. 20-21	5 "	@ $120/diem	600.00
A. Kikauka	June 15-24, Aug. 10	11 "	@ $112/diem	1,232.00
R. Gordon	June 15-24, Sept. 11	11 "	@ $ 85/diem	935.00
F. Thrane	June 15-24, Sept. 15-21	17 "	@ $ 95/diem	1,615.00
B. Marini	June 15-24, Aug. 8	11 "	@ $135/diem	1,485.00
D. Carr	Aug. 11, Sept. 11	2 "	@ $105/diem	210.00
D. Coolidge	Aug. 22, Sept. 15-21	8 "	@ $ 78/diem	624.00
A. Scott	Aug. 3, 10	2 "	@ $187/diem	374.00
B. Broster	Aug. 3, 8	2 "	@ $400/diem	800.00
P. Matysek	Aug. 20, 23	2 "	@ $140/diem	280.00
L. Riccio	July 3, 8, 13, 17, Aug. 3, 8, 27, 30	8 "	@ $187/diem	1,496.00
J. Burdett	June 15-24	10 "	@ $230/diem	2,300.00
				$12,323.00
	Pro rata cost:	92 days	@ $240.37/diem	22,114.38
				$34,437.38
	Cost/diem			$55.28

Indirect Costs

			$
Cook (G. Slawson) 87 days @ $136/diem			11,832.00
Food			18,981.33
Fuel (camp) 64 x 200 l.			13,383.68
Propane			820.78
Travel			16,412.31
Travel expenses			3,617.03
Sundry expenses			501.22
Expediting			3,200.00
Miscellaneous -field supplies			11,445.74
Field equipment - rentals and maintenance			12,992.90
Fixed wing a/c support			35,663.40
Helicopter support			
i) 500-D			
June 15-20, 22 9.3 hrs.			
Sept. 20, 21 4.7 hrs.			
14.0 hrs.			
@ $410/hr.=	5,740.00		
Fuel:14 hrs.x100 L/hr.X$1.125/L	1,575.00		
		$7,315.00	
ii) 205			
June 19 4.4 hrs. @ $1,120/hr =	4,928.00		
Fuel:4.4x304.5 L/hr.x$1,125/L =	1,492.00		
		$6,420.00	
			13,735.00
Freight			7,167.44
TOTAL			$149,752.83
PER DIEM			$240.37
General Labour/per diem		55.28	
TOTAL			$295.65



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 50 100 200 300 400 500 METRES
1:5000

ANACONDA Canada Exploration Ltd.

SURVEY STATION AND GRID LOCATION COMPILATION

geology by J.B.	drawn by D.M.C.	date: NOV, 84
scale: 1:20,000	n.t.s. 104 B/11	fig./proj. no. 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

LEGEND

INTRUSIVES

Coast Range

Cenozoic

- 11 Lamprophyre, diabase dikes and sills

Cretaceous

- 10 Granodiorite – diorite
- 9 Gabbro
- 8 Alaskite

Jurassic

- 7 Feldspar porphyry, felsite dykes and sills

SEDIMENTS AND VOLCANICS

Betty Ck. Fm

Lower – Middle Jurassic

- 6 Andesite – Rhyolite tuffs, lapilli tuffs, breccias, conglomerate, volcanic breccias, tuffaceous sandstone, siltstone.

Unuk R. Fm

Lower Jurassic

- 5 Andesite – dacite tuffs, lapilli tuffs, breccias
- 4 Shale, argillite, minor limestone
- 3 Siltstone, sandstone, greywacke, minor limestone

Triassic

- 2 Marble
- 1 Schist, argillite, phyllite, minor gneiss

SYMBOLS

- Outcrop
- Contact
- Intrusive contact
- Unconformity
- Fault
- Bedding, schistosity
- Showing

0 200 400 600 800 1000 1200 1400 1600 1800 2000 METRES
1:20,000

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLAIM BLOCK GEOLOGY

geology by: A.K.	drawn by: D.M.C.	date: NOV, 84
scale: 1: 20,000	n.t.s. 104 B/11	fig./proj. no. 4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

LEGEND

Ag-Cu-Pb-Zn-As-Sb Anomaly

▲34-004 Cu,Bi — Cu,Bi Anomalous sample

Anomalous values estimated as + or > 82.2 percentile:

Au	6200.00
Ag	10.20
Cu	663.00
Pb	312.00
Zn	725.00
As	325.00
Sb	9.00
Bi	4.00

From Logarithmic Statistics (table 3)

Stream Sediment - Heavy Mineral Concentrates

< -80 mesh, > -40 mesh Non-Magnetic Fraction - Assays

Sample No.	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)
32-001	12,900	3.4	264	209	250	70	2	2
-002	1,500	1.6	237	47	154	40	3	2
-003	30,700	9.4	240	204	214	85	2	2
-004	3,610	12.7	79	52	90	31	2	2
-005	4,920	5.0	314	205	220	109	2	21
-006	2,800	4.9	133	61	186	48	3	3
-007	4,820	3.7	184	112	238	91	2	2
-008	1,470	1.7	89	36	146	43	2	2
-009	1,660	1.2	79	26	109	24	2	2
32-010	220	1.7	157	53	208	41	2	2
-011	40	2.0	146	33	132	35	2	2
-012	25,200	14.1	190	100	195	159	7	2
-013	270	11.9	488	193	533	638	7	4
-014	210	7.2	870	110	610	642	2	16
-015	5,100	8.2	1,772	149	714	400	2	18
-016	1,080	10.2	538	217	725	158	10	2
-017	850	4.0	140	59	191	57	2	2
-018	3,600	3.2	159	129	274	105	3	2
-019	4,300	3.4	242	157	297	68	3	2
32-020	6,200	6.1	201	167	263	95	2	2
-021	24,200	3.7	197	103	277	86	2	2
-022	7,920	19.7	865	1,133	1,722	766	30	2
-023	1,600	32.9	663	358	885	325	9	59
-024	490	21.5	490	363	885	446	8	23
-025	19,600	35.3	2,022	483	2,598	579	20	58
-026	20,800	24.7	981	927	2,143	925	21	14
-027	1,620	15.5	777	466	1,665	533	11	19
-028	6,100	2.9	181	558	1,412	210	2	4
-029	1,530	4.8	338	258	408	235	4	3
32-030	115	0.6	143	23	90	29	2	3
-031	3,960	2.2	173	148	241	175	2	3
-032	170	0.6	42	25	59	25	2	2
-033	675	1.5	187	278	138	74	0	2
-034	75	0.5	61	17	64	26	2	2
-035	7,860	1.7	54	14	40	24	2	2
-036	14	0.8	126	22	74	36	2	2
-037	90	1.0	122	22	61	63	2	2
-038	8,120	0.3	41	15	79	19	2	2
-039	155	1.0	135	39	196	89	2	2
-043	3,010	3.8	187	412	549	126	2	2
-044	10	0.7	110	12	63	11	2	2
-045	6,910	1.0	89	19	66	23	2	2
-046	285	0.8	101	14	65	20	2	2
-047	14,200	2.6	186	21	162	60	2	2
-048	3,120	1.7	135	15	85	112	2	2
-049	970	8.2	430	244	1,072	358	2	2
32-050	3,450	3.9	363	98	512	145	2	2
-051	950	11.2	687	631	2,652	406	43	2
-052	550	9.4	606	263	1,519	263	9	2
-055	16	0.5	55	83	101	20	3	2
-056	11	0.3	51	21	28	2	2	11
-057	29	1.6	183	94	199	12	2	9
-058	40	0.3	70	15	76	17	6	2
37-001	60	4.7	1,148	55	172	187	10	2
-002	50	7.3	1,394	60	180	168	18	2
-003	1	3.5	501	50	154	79	7	2
-004	125	2.6	197	111	278	107	2	2
-005	1	4.7	480	279	442	2109	9	3
-006	1	4.7	333	64	157	94	12	2
-007	1,212	2.7	202	198	327	180	2	2
-008	440	2.1	175	116	231	131	2	2
-009	275	2.6	194	119	277	130	2	2
-010	275	5.6	519	650	734	262	7	2
33-001	35	2.8	441	96	181	64	2	2
-002	1,460	1.2	233	36	119	23	2	2
-003	1,730	1.5	114	10	75	18	2	2
34-001	300	5.5	302	113	275	77	6	2
-002	40	5.4	292	107	266	76	5	2
-003	144	4.8	204	94	255	102	6	2
-004	250	5.0	1,063	89	722	406	2	14
-005	700	2.9	244	80	143	80	5	2
-006	450	32.9	1,248	5,484	7,216	6570	53	2
-007	925	57.2	2,859	4,327	21,607	2940	51	2

0 200 400 600 800 1000 1200 1400 1600 1800 2000 METRES

1:20,000

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

STREAM SEDIMENT GEOCHEMISTRY

geology by:	drawn by: D.M.C.	date: NOV, 84
scale: 1: 20,000	n.t.s. 104 B/11	fig./proj. no. 5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

LEGEND

- ●32-064 >40 g/t Ag
- ◉32-055 >3 g/t Au
- ■32-059 >40 g/t Ag and >3g/t Au

Note: Bonanza zone sample results are listed on figure 31

Sample No.	Cu (ppm/$)	Pb (ppm/$)	Zn (ppm/$)	Ag (g/t)	Au (g/t)
01-004	42	8	55	0.2	0.07
-005	44	46	104	0.3	0.07
-006	4	2	122	0.2	0.07
-007	85	31	137	0.2	0.07
-008	112	5	74	0.2	0.07
-023	357	30	119	5.8	0.07
37-001	250	102	126	3.4	0.17
-002	20	72	330	.7	0.07
-003	66	104	1,680	.7	0.07
-004	8	6	54	.2	0.07
-005	4	40	92	2.5	0.07
-006	20	25	57	.3	0.07
38-001	51	30	13	.8	0.07
-002	85	9	55	.6	0.07
-003	65	9	70	.5	0.07
-004	57	76	20	3.4	0.14
32-001	125	1.82%	7,300	78.5	24.99
-002	43	2,830	730	10.0	1.47
-003	985	199	130	66.5	0.24
-004	27	825	700	32.0	0.07
-005	2,890	45	2	9.0	3.19
-006	20	33	1,020	.6	0.00
-007	3.02%	241	900	89.8	0.10
-008	1,920	7.20%	18.60%	190.6	1.30
-009	121	4,080	9,800	113.1	27.02
-010	317	2,390	5,400	18.0	0.21
-012	1,390	3,300	4.04%	42.0	1.79
-013	67	380	5,100	1.8	0.10
-014	285	240	2,500	21.0	0.59
-015	755	90	175	5.4	0.07
-016	280	1,680	8,200	9.2	0.07
-017	3,720	1,410	7.23%	17.0	1.31
-018	1,560	38	440	3.5	1.00
-019	236	2,600	8,700	6.2	0.10
-020	155	460	1,440	5.2	0.07
-021	2,950	730	1.28%	129.2	3.90
-022	95	310	1,580	2.2	0.07
-023	440	4,800	9,500	16.0	0.14
-024	3,500	1.35%	9.70%	157.0	1.97
-025	1,015	4,400	1.30%	25.0	0.69
-026	1,125	8.20%	19.50%	217.0	0.43
-027	825	11.10%	16.90%	282.0	0.50
-028	380	6,400	1.24%	21.0	0.07
-029	288	9,000	3.35%	26.0	0.07
-030	470	2,400	6,400	22.0	0.55
-031	1,055	1,760	3,000	35.0	1.45
-032	90	2,300	540	40.0	0.90
-033	208	2,200	6,600	12.0	0.66
-034	1,065	4.00%	15.80%	122.0	0.59
-035	317	28.00%	19.95%	684.0	0.45
-036	237	6,000	1.12%	18.0	0.07
-037	1.84%	1.00%	9.10%	435.8	8.14
-038	2,670	5.35%	16.00%	143.6	0.52
-039	229	24.80%	23.70%	698.7	0.24
-040	590	4,200	6.35%	17.0	0.10
-043	2,400	405	480	21.0	0.17
-044	151	9,800	2.91%	48.0	0.31
-045	139	159	780	1.2	0.07
-046	257	1,215	4,800	20.0	0.90
-047	272	278	1,120	16.0	0.66
-048	177	3.60%	10.10%	170.7	0.07
-049	128	20.60%	10.10%	369.2	0.83
-050	387	3,460	9,600	19.0	1.10

Sample No.	Cu (ppm/$)	Pb (ppm/$)	Zn (ppm/$)	Ag (g/t)	Au (g/t)
32-051	147	10.50%	4.95%	443.3	0.62
-052	224	5,960	6.10%	38.0	0.48
-053	49	1,520	480	7.1	0.21
-054	207	1,440	7,800	12.0	0.21
-055	1.52%	83	100	18.0	5.76
-056	258	187	195	15.0	1.55
-057	141	53	40	1.7	0.28
-058	14.10%	45	8.30013,899		99.45
-059	1,365	480	1,140	132.0	3.38
-060	1,515	445	10.25%	62.7	1.90
-061	84	296	940	18.0	0.62
-062	1.05%	5,295	6,800	1200.7	3.72
-063	1,650	1,335	22.10%	43.0	0.17
-064	567	3,345	9,700	56.6	0.55
-065	71	47	3,400	1.4	0.17
-066	378	4,910	1.10%	26.0	0.34
-067	253	1.81%	4.90%	68.2	1.17
-071	85	3,800	5,800	90.5	1.93
-072	1.05%	3,700	1,820	709.7	0.17
-073	85	280	65	8.9	0.07
-074	86	41	127	4.5	0.07
-075	610	3,000	9,700	40.0	11.86
-076	330	2.84%	1.56%	50.0	33.76
-077	770	187	122	6.8	0.07
-078	92	110	90	1.2	0.17
-079	73	1,120	1,000	13.0	0.17
-080	42	132	560	4.0	0.34
-081	125	1,470	1,270	79.9	0.62
-082	45	7,200	3,200	50.0	4.83
-083	450	2.05%	9,800	39.0	1.31
-084	720	2.52%	1.92%	50.0	1.24
-085	740	1.17%	5.25%	49.0	0.48
-086	2.22	220	680	23.0	0.76
-087	1,760	220	9,000	11.0	1.17
-088	50	1,420	2.74%	5.4	0.07
-089	770	12.70%	18.50%	242.0	1.21
-090	182	2,570	4,900	6.2	0.07
-091	83	705	660	2.3	0.07
-092	340	1,220	13.80%	20.0	0.45
-093	7	179	500	1.0	0.07
-094	2,500	1.50%	3.06%	32.0	0.38
-095	280	1.37%	11.80%	30.0	0.86
-096	73	101	480	.8	0.07
-097	30	60	360	1.8	0.07
-106	35	525	2,600	30.0	1.52
-107	32	64	122	6.2	0.34
-108	68	53	29	10.0	0.34
-109	400	4.99%	2,600	661.7	5.24
-110	1,000	1.44%	1.44%	78.2	20.31
-111	5.28%	372	1,200	102.8	2.00
-112	3,500	1,075	7.40%	27.0	0.28
-113	1,700	3,580	9,200	24.0	0.34
33-001	211	1.81%	7.00%	100.8	0.17
33-002	450	9,500	5.18%	62.7	0.17
33-003	63	2.22%	7.30%	86.7	0.17
33-004	138	122	253	1.8	0.17
33-005	6,200	1,700	7,000	110.0	0.69
33-006	220	2.32%	12.31%	64.1	0.55
33-007	300	7,890	4.80%	18.0	0.38
33-008	2.42%	1,100	1,600	140.2	3.52
33-009	83	11	224	.3	0.21
33-010	110	348	1,000	2.3	0.21
33-011	152	700	4,100	4.3	0.34
33-012	285	3,970	2,100	29.0	3.79
33-013	260	139	77	4.3	1.10
33-014	75	24	381	.3	0.07
33-015	57	28	768	.2	0.14
33-016	129	131	517	1.3	0.48
36-001					0.14
36-002					0.34
36-003					0.21
36-004					0.07
36-005					0.24
36-006					0.07
36-007					0.07
36-008					0.07
36-009					0.10
36-010					0.17
36-011					0.10
36-012					0.07
36-013					0.07
36-014					0.07
36-015					0.07
36-016					0.07
36-017					0.07
36-018					0.07
36-019					0.24
36-020					0.10
36-021					0.21
36-023	12	27	41	.8	0.07
36-024	3	9	146	.2	0.14

0 200 400 600 800 1000 1200 1400 1600 1800 2000 METRES
1:20,000

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

ROCK SAMPLE GEOCHEMISTRY

geology by:	drawn by: D.M.C.	date: NOV, 84
scale: 1: 20,000	n.t.s. 104 B/11	fig./proj. no. 6

GEOLOGY and MINERALIZATION - BRONSON CREEK AREA

Figure 7 Scale 1:2500

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,674

Sample No.	Cu (ppm/%)	Pb (ppm/%)	Zn (ppm/%)	Ag (g/t)	Au (g/t)	Width (m)
1-32-007	3.02%	241	900	89.8	0.10	FLOAT
-008	1,920	7.20%	18.60%	190.6	1.30	FLOAT
-009	121	4,080	9,800	113.1	27.02	FLOAT
-010	317	2,390	5,400	18.0	0.21	FLOAT
-012	1,390	3,300	4.04%	42.0	1.79	2
-013	67	380	5,100	1.8	0.10	0.1
-014	285	240	2,500	21.0	0.59	CHIP
-015	755	90	175	5.4	0.07	4
-016	280	1,680	8,200	9.2	0.07	0.15
-017	3,720	1,410	7.35%	17.0	1.31	0.2
-018	1,560	38	440	3.5	1.00	0.15
-019	236	2,600	8,700	6.2	0.10	0.3
-020	153	460	1.440	5.2	0.07	0.8
-021	2,930	730	1.28%	129.2	3.90	0.7
-022	95	310	1,580	2.2	0.07	1.0
-023	440	4,800	9,500	16.0	0.14	1.2
-024	3,500	1.35%	9.70%	157.0	1.97	GRAB
-025	1,015	4,400	1.30%	25.0	0.69	1.0
-026	1,125	8.20%	19.50%	217.0	0.43	0.15
-027	825	11.10%	16.90%	282.0	0.50	0.2
-028	380	6,400	1.24%	21.0	0.07	GRAB
-029	288	9,000	3.35%	26.0	0.07	0.5
-030	470	2,400	6,400	22.0	0.55	2.0
-031	1,055	1,760	3,000	35.0	1.45	2.0
-032	90	2,300	540	40.0	0.90	2.0
-033	208	2,200	6,600	12.0	0.66	2.0
-034	1,065	4.00%	15.80%	122.0	0.59	?
-035	317	28.00%	19.95%	684.0	0.45	0.1
-036	237	6,000	1.12%	18.0	0.07	3.5
-037	1.84%	1.00%	9.10%	435.8	8.14	0.25
-038	2,670	5.35%	16.00%	143.6	0.52	0.15
-039	229	24.80%	23.70%	698.7	0.24	0.15
-040	590	4,200	6.35%	17.0	0.10	0.3
-043	2,400	405	480	21.0	0.17	0.45
-044	151	9,800	2.91%	48.0	0.31	2.0
-045	139	159	780	1.2	0.07	0.4
-046	237	1,215	4,800	20.0	0.90	FLOAT
-047	272	278	1,120	16.0	0.66	FLOAT
-048	177	3.60%	10.10%	170.7	0.07	0.2
-049	128	20.60%	10.10%	369.2	0.83	0.2
-050	387	3,460	9,600	19.0	1.10	0.1
-051	147	10.50%	4.95%	443.3	0.62	0.4
-052	224	5,960	6.10%	38.0	0.48	0.25
-059	1,365	480	1,140	132.0	3.38	0.5
-061	84	296	940	18.0	0.62	FLOAT
-062	1.05%	5,255	6,800	1,200.7	3.72	0.06
-063	1,650	1,335	22.10%	43.0	0.17	GRAB
-064	367	3,345	9,700	56.6	0.55	0.35
-065	71	47	3,400	1.4	0.17	GRAB

Sample No.	Cu (ppm/%)	Pb (ppm/%)	Zn (ppm/%)	Ag (g/t)	Au (g/t)	Width (m)
-066	378	4,910	1.10%	26.0	0.34	GRAB
-067	253	1.81%	4.90%	68.2	1.17	GRAB
-101	0.01%	0.01%	0.01%	0.7	0.17	0.75
-106	35	525	2,600	30.0	1.52	0.75
-107	32	64	122	6.2	0.34	0.75
-108	68	53	29	10.0	0.34	0.75
-109	400	4.99%	2,600	661.7	5.24	GRAB
-110	1,000	1.44%	1.44%	78.2	20.31	GRAB
-111	5.28%	372	1,200	102.8	2.00	GRAB
-112	3,500	1,075	7.40%	27.0	0.28	GRAB
1-01-011	164	88	304	0.9	0.07	1.0
-012	237	2,056	3,313	5.7	0.07	1.0
-013	121	411	808	1.3	0.07	1.0
-015	143	32	316	0.1	0.07	1.0
1-33-005	6,200	1,700	7,000	110.0	0.69	GRAB
-006	220	2.32%	12.31%	64.1	0.55	GRAB
-007	300	7,890	4.80%	18.0	0.38	GRAB
-008	2.42%	1,100	1,600	140.2	3.52	FLOAT
-009	83	11	224	0.3	0.21	1.0
-010	110	348	1,000	2.3	0.21	1.5
-011	132	700	4,100	4.3	0.34	2.0
-012	285	3,970	2,100	29.0	3.79	FLOAT
-013	260	139	77	4.3	1.10	0.5
-014	75	24	381	0.3	0.07	0.5
-015	57	28	768	0.2	0.14	PANEL 1X1
-016	129	131	517	1.3	0.48	PANEL 1X1

Stream Sediments

3-32-022	7,920	19.7	865	1,133	1,722	766	30	2
-023	21,600	32.9	663	358	855	325	9	59
-024	490	21.5	490	363	885	446	8	23
-025	19,600	35.3	2,200	483	2,598	579	20	58
-026	20,800	24.7	981	927	2,143	925	21	14
-027	1,620	15.5	777	466	1,665	533	11	19
-028	6,100	2.9	181	558	1,412	210	2	4
-049	970	8.2	430	244	1,072	358	2	2
32-050	3,450	3.9	363	98	512	145	2	2
-051	950	11.2	687	631	2,652	406	43	2
-052	550	9.4	606	263	1,519	263	9	2

LEGEND

- F Felsite
- G Greywacke
- A Argillite
- P Phyllite
- S Siltstone
- T Tuff
- QV Quartz vein
- f Fuchsite
- qs Quartz - sericite alteration
- sph Sphalerite
- gal Galena
- cpy Chalcopyrite
- py Pyrite
- po Pyrrhotite
- aspy Arsenopyrite
- tetr Tetrahedrite
- calc Calcite
- diss Disseminated
- mass Massive
- ▲ Drainage sample
- • Rock sample
- Bedding
- Schistosity
- Qtz - ser - py ± fuch alteration zone

DDH 31 (1162·9)
DDH 18 (1178·2)
DDH 25 (1178·3)
DDH 14 (1177·0)
DDH 17 (1172·17)
DDH 12,13 (1187·4)
TRENCH 9760
TRENCH 9730
DDH 9,10,11 (1181·1)
DDH 38 (1198·7)
DDH 40 (1177·5)
TRENCH 9600
DDH 3-7 (1183·X)
CLOUTIER ZONE
DDH 41 (1170·7)
DDH 43 (1210·9)
TRENCH 9575
TRENCH 9550
DDH 42 (1163·5)
TRENCH 9450
TRENCH 9505
DDH 24 (1182·6)
DDH 22
DDH 23
DDH 8
DDH 28 (1219·0)
DDH 30 (1228·2)
DDH 29 (1221·8)
DDH 26 (1219·0)
DDH 27 (1217·3)
DDH 36 (1154·3)
DDH 15
DDH 16
N - 16 ZONE
DDH 20 (1252·4)
DDH 21 (1231·2)
DDH 39 (1188·0)
DDH 37 (1256·5)
DDH 1
DDH 2
PICKAXE ZONE
DDH 19 (1265·9)
DDH 32 (1278·1)
R - 19 ZONE
DDH 35 (1282.5)
1100
1125
1150
1175
1200
1225
1250
1275
1300
1325
1350
1375
1400
10300NE
10000NW
9400NE
9800NW

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

Outcrop outline in trench

9720 + 9220 Surveyed grid picket

Diamond drill hole number
Elevation at collar
DDH 26 (1219·0)
Projection
Collar location

CONTOUR INTERVAL : 25m

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT
MAIN GRID AREA

TRENCH & DIAMOND DRILL LOCATIONS

GEOLOGY BY	DRAWN BY	DATE
MS / JB	RD	DEC. /84
SCALE	FILE	DWG. NO.
1:1000	104 B/11	11

DDH 36

DDH 29

DDH 27

DDH 26

DDH 28

116·74m

84·12 m

80·03 m

102·11m

123·75m

DDH 21

L2 SW

Carbonate

L1 SW

L1 NE

L2 NE

10100 NW

N-16 ZONE

DDH 39

80·77

47·55 m

L4 NW

Breccia-sulfide matrix

DDH 37

DDH 1
DDH 2

py,cpy(±sph)

Good breccia silica-K-spar matrix

Brecciated

qv+cpy

L3 SW
L4 SE

PICKAXE

30% py,cpy

5-10 % cpy

15-20% sulfide with diss. py and limonite

L2 NE

L2 SW

Bleached and highly altered

L1 SW

L1 NE

65·84m

DDH 20

73·76m

9800 NE

9900 NE

LEGEND

- Disseminated sulfide zone - rock type indicated
- Sulfide zone - minerology indicated
- 5 Cataclastic rock - original texture destroyed
- 4 Altered rock - texture destroyed - alteration/texture indicated
- 3 Lapilli tuff
- 2 Tuff breccia
- Quartz vein
- Fault/shear - dip indicated
- Fracture set - dip indicated
- Foliation/bedding - dip indicated
- Gradational contact
- Sulfide filled fracture
- Alteration contact

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,674

0 5 10 15 20 25 metres

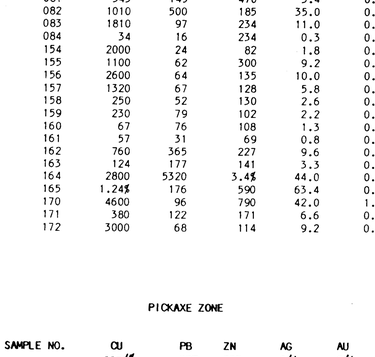
ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

PICKAXE , N-16 ZONE

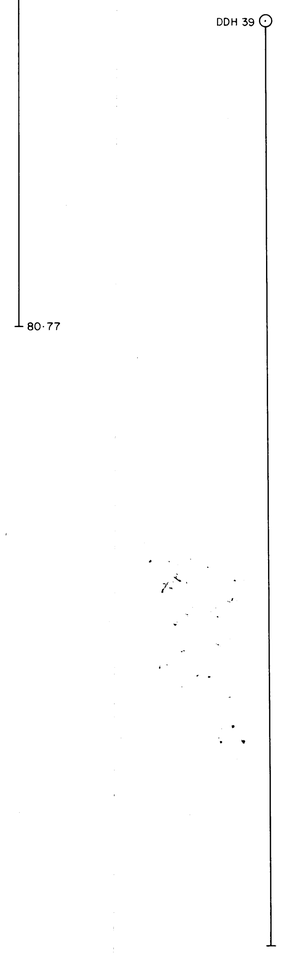
TRENCH MAP - GEOLOGY

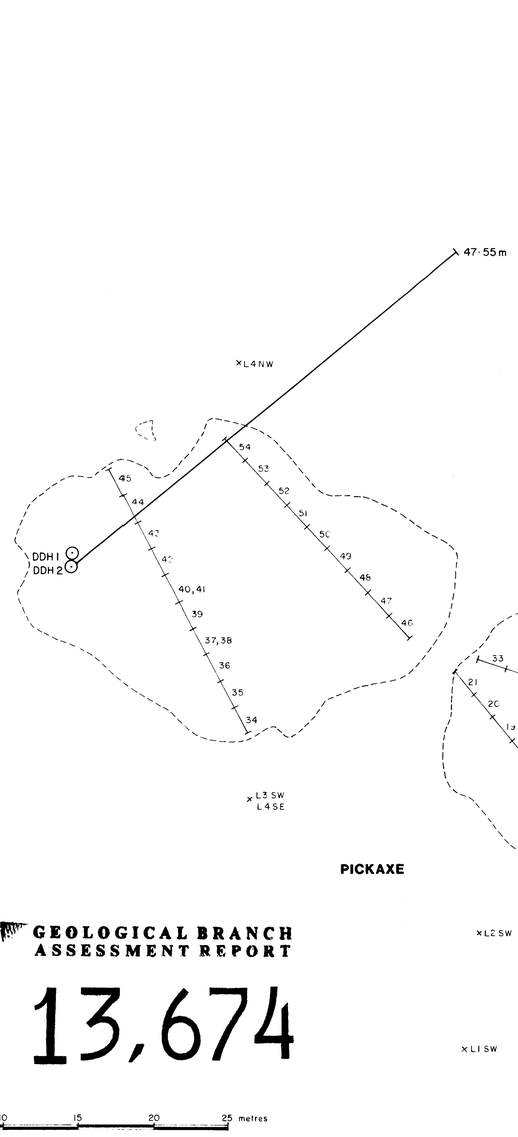
geology by: MS/JB	drawn by: D.M.C.	date: JAN, 85
scale: 1:200	n.t.s. 104 B/11	fig./proj. no. 12



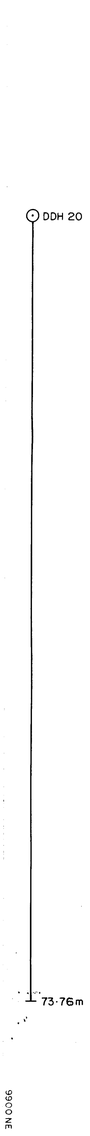
SIXTEEN ZONE

SAMPLE NO.	CU ppm/%	PB ppm	ZN ppm/%	AG g/t	AU g/t
055A				0.3	0.07
056A				0.2	0.07
057				0.2	0.07
058				4.7	1.51
059				0.5	0.07
060				0.3	0.07
061				0.2	0.07
062				1.1	0.20
063				1.4	0.27
064				1.6	0.55
065				1.4	0.17
066				0.8	0.07
067				0.5	0.10
068	330	303	3700	4.9	0.07
069	114	248	1150	3.3	0.17
070	134	1025	2450	16.0	0.14
071	55	131	580	1.2	0.07
072	64	216	190	2.6	0.14
073	380	144	220	4.6	0.17
074	220	105	90	3.8	0.41
075	134	88	60	7.8	0.51
076	3.66%	74	1340	154.6	3.57
077	350	28	268	1.5	0.07
080	176	123	350	1.6	0.17
081	345	149	470	3.4	0.34
082	1010	500	185	35.0	0.10
083	1810	97	234	11.0	0.17
084	34	16	234	0.3	0.17
154	2000	24	82	1.8	0.17
155	1100	62	300	9.2	0.10
156	2600	64	135	10.0	0.14
157	1320	67	128	5.8	0.24
158	250	52	130	2.6	0.14
159	230	79	102	2.2	0.14
160	67	76	108	1.3	0.07
161	57	31	69	0.8	0.07
162	760	365	227	9.6	0.14
163	124	177	141	3.3	0.14
164	2800	5320	3.4%	44.0	0.51
165	1.24%	176	590	63.4	0.31
170	4600	96	790	42.0	1.44
171	380	122	171	6.6	0.48
172	3000	68	114	9.2	0.45





PICKAXE



PICKAXE ZONE

SAMPLE NO.		CU ppm/%	PB ppm	ZN ppm	AG g/t	AU g/t
1-34-	001				0.6	0.07
	002				0.4	0.07
	003				1.2	0.07
	004				0.5	0.20
	005				0.8	0.07
	006				0.6	0.07
	007				1.1	0.07
	008				4.1	0.07
	009				1.8	0.14
	010				1.1	0.07
	011				3.4	0.07
	012				8.4	0.07
	013				3.8	0.07
	014				0.9	0.07
	015				1.0	0.07
	016	125	57	30	3.5	0.07
	017				2.9	0.14
	018				4.0	0.07
	019				3.4	0.07
	020				15.0	0.07
	021				1.8	0.10
	022				3.0	0.07
	023				1.4	0.07
	024	1.5%	28	192	31.0	0.24
	025	4500	67	128	16.0	0.20
	026	1260	115	156	11.0	0.14
	027	2000	68	108	26.0	0.48
	028				15.0	0.17
	029				28.0	0.20
	030				30.0	0.93
	031				69.2	1.03
	032				9.1	0.17
	033				2.5	0.07
	034				43.0	0.41
	035				1.4	0.07
	036				1.0	0.07
	037				1.4	0.07
	038				1.0	0.07
	039	1.54%	36	160	43.0	1.68
	040	2.49%	160	159	85.4	4.46
	041	3.08%	168	152	77.5	5.42
	042	4.22%	157	540	128.9	3.53
	043	4.02%	216	640	155.3	9.53
	044	4.88%	106	780	137.4	4.39
	045	1.17%	37	240	33.0	1.03
	046	5000	259	360	31.0	0.34
	047	5900	55	228	38.0	0.51
	048	1400	309	185	16.0	0.17
	049	5900	475	2000	40.0	0.20
	050	8700	144	600	40.0	0.17
	051				105.2	2.33
	052				49.0	0.55
	053				44.0	1.34
	054				26.0	0.41

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 5 10 15 20 25 metres

3N 009E

3N 006E

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

PICKAXE, N - 16 ZONE

TRENCH MAP - CHANNEL SAMPLES

geology by:	drawn by: D.M.C.	date: JAN, 85
scale: 1:200	n.t.s. 104 B/11	fig./proj. no. 13

DDH 31

DDH 18

DDH 17

DDH 25

DDH 14

10,300 NW

FAULT ZONE

?

?

DDH 40

△LI-NW

4

NW

6 (py,(cpy) mass.)

4

Trench 9600

2

K feldspar alteration and some biotite sericite

2

4

4

50°

py,cpy,diss.

5

15°

py,cpy,moss.

5,6

67°

py,cpy,diss.

DDH 4

24·38 m

LI-SE △

27·43

DDH 7

26·82 m

DDH 5

43·28m

DDH 6

114·30m

99·67 m

9650 NE

DDH 11

92·96m

84·73m

DDH 10

61·26 m

DDH 9

59·74m

155·45 m

LI-SW△

70°

4

6 diss & stringer py,cpy

70°

80°

4

80°

stringer py

6

5

88·70m

96·62m

K-feldspar sericite

5

△LI-W

gouge

80°

80°

80°

90°

80°

Trench 9730

Intense faulting

DDH 13

82·91 m

60°

60°

90°

90°

75°

Gouge

90°

5

90°

90°

△LI-E

DDH 12

142·04m

96·93 m

9750 NE

ALL 5,6↓ BRECCIATED WITH SOME PORPHYRITIC CLOCKS IN 5

△LI-NW

5

5

45°

60°

90°

20°

Quartz vein and chlorite

5

90°

90°

90°

5

Trench 9760

py

45°

5

5

5

△LI-SE

LEGEND

- Disseminated sulfide zone – rock type indicated
- Sulfide zone – minerology indicated
- 5 Cataclastic rock – original texture destroyed
- 4 Altered rock – texture destroyed – alteration/texture indicated
- Lapilli tuff
- Tuff breccia
- Quartz vein
- 40 Fault/shear – dip indicated
- Fracture set – dip indicated
- Foliation/bedding – dip indicated
- Gradational contact
- Sulfide filled fracture
- Alteration contact

INDEX MAP

SHEET A | SHEET B

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 5 10 15 20 25 metres

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLOUTIER ZONE

TRENCH MAP - GEOLOGY

geology by: MS/JB	drawn by: RD	date: DEC. /84
scale: 1:200	n.t.s 104 B/11	fig/proj no. 16

TRENCH SAMPLING --- CLOUTIER ZONE 9450

SAMPLE NO.	CU ppm	PB ppm	ZN ppm	AG g/t	AU g/t
126	12	41	56	1.6	0.10
127	5	21	20	0.7	0.10
128	13	17	22	1.3	0.14
129	8	22	35	1.2	0.07
130	8	21	52	0.8	0.07
131	17	15	30	0.6	0.07
132	8	18	56	0.7	0.07
133	6	5	58	0.4	0.07
134	7	98	60	0.3	0.07

CLOUTIER ZONE 9550

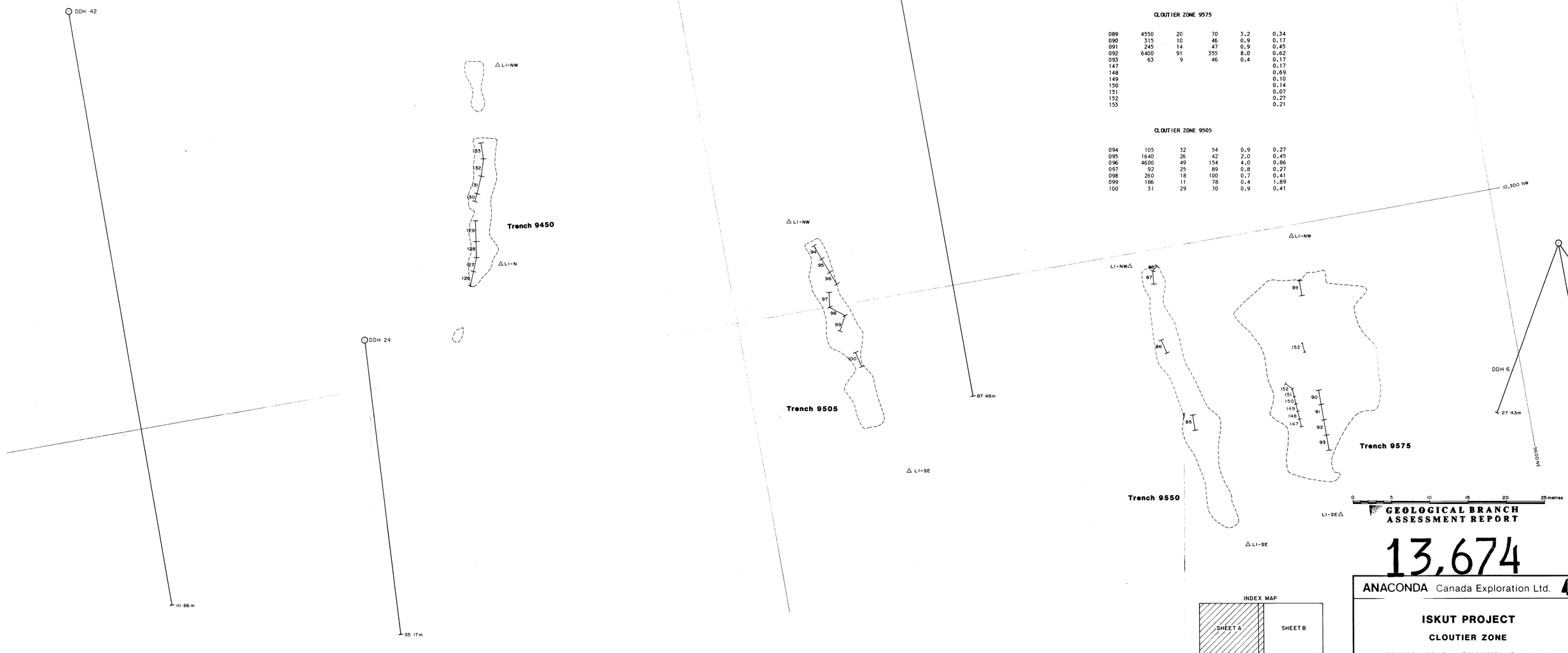
1-34- 085	31	44	60	2.9	0.27
086	19	9	78	0.6	0.17
087	4200	14	75	4.3	0.75
088	4.88%	20	264	44.0	1.17

CLOUTIER ZONE 9575

089	4550	20	70	3.2	0.34
090	315	10	46	0.9	0.17
091	245	14	47	0.9	0.45
092	6400	91	355	8.0	0.62
093	63	9	46	0.4	0.17
147					0.17
148					0.69
149					0.10
150					0.14
151					0.07
152					0.27
153					0.21

CLOUTIER ZONE 9505

094	105	32	54	0.9	0.27
095	1640	26	42	2.0	0.45
096	4600	49	154	4.0	0.86
097	92	25	89	0.8	0.27
098	260	18	100	0.7	0.41
099	186	11	78	0.4	1.89
100	31	29	70	0.9	0.41



INDEX MAP

SHEET A | SHEET B

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLOUTIER ZONE

TRENCH MAP - CHANNEL SAMPLES

geology	drawn by	date
MS/JB	RD	DEC./84
scale		fig./proj. no.
1:200	104 B/11	15

LEGEND

- Disseminated sulfide zone - rock type indicated
- Sulfide zone - minerology indicated
- 5 Cataclastic rock - original texture destroyed
- 4 Altered rock - texture destroyed - alteration/texture indicated
- 3 Lapilli tuff
- Tuff breccia
- Quartz vein
- Fault/shear - dip indicated
- Fracture set - dip indicated
- Foliation/bedding - dip indicated
- Gradational contact
- Sulfide filled fracture
- Alteration contact

DDH 42

111·86m

DDH 24

55·17m

△L1-NW

3

Trench 9450

3 Carbonate, feldspar, chlorite, py

δ (py, diss., stringers)

4 K feldspar, carbonate brecciated

△L1-N

DDH 41

87·48m

△L1-NW

δ py, cpy diss.

K-feldspar

Py, cpy, sph, gal, mass

K-feldspar

δ (py, cpy, sph, gal, diss.)

Trench 9505

△L1-SE

+500 SE

10,300 NW

L1-NW△

Py, cpy, (sph, gal) mass.

K-feldspar

δ (py, diss)

py veins

Py, cpy, mass.

Carbonate, chlorite

K-feldspar

2,6 (py)

Py, mass.

2,6 (py)

K-feldspar

Trench 9550

Trench 9575

△L1-SE

△L1-NW

L1-SE△

△L1-SE

DDH 6

27·43m

3600 NE

0 5 10 15 20 25 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

INDEX MAP

SHEET A | SHEET B

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLOUTIER ZONE

TRENCH MAP - GEOLOGY

geology by:	drawn by:	date:
MS/JB	RD	DEC./84
scale: 1:200	n.t.s. 104 B/11	fig./proj. no. 14

TRENCH SAMPLING --- CLOUTIER ZONE 9600

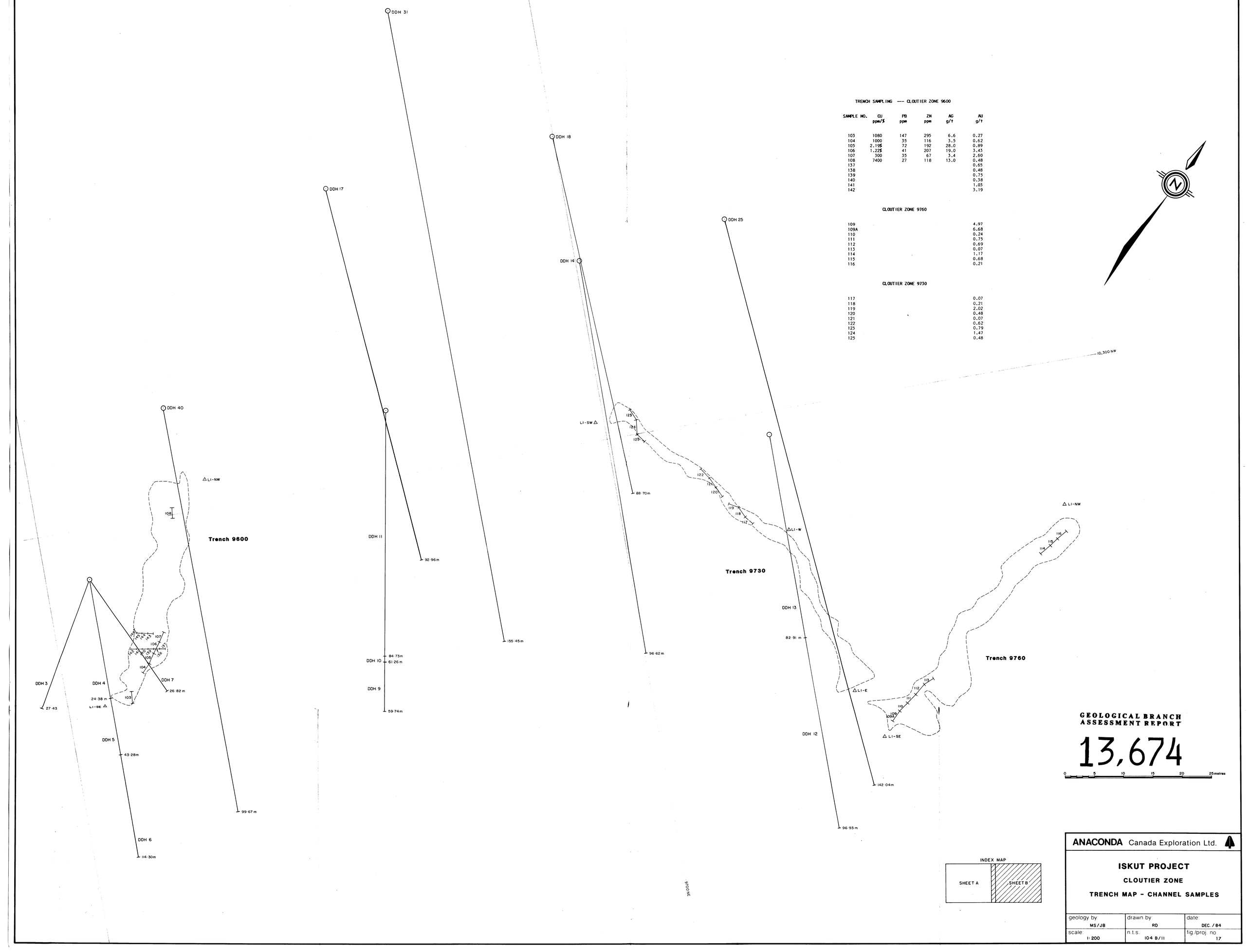
SAMPLE NO.	CU ppm/$	PB ppm	ZN ppm	AG g/t	AU g/t
103	1080	147	295	6.6	0.27
104	1000	35	116	3.5	0.62
105	2.19$	72	192	28.0	0.89
106	1.22$	41	207	19.0	3.43
107	300	35	67	3.4	2.60
108	7400	27	118	13.0	0.48
137					0.65
138					0.48
139					0.75
140					0.38
141					1.03
142					3.19

CLOUTIER ZONE 9760

109					4.97
109A					6.68
110					0.24
111					0.75
112					0.69
113					0.07
114					1.17
115					0.68
116					0.21

CLOUTIER ZONE 9730

117					0.07
118					0.21
119					2.02
120					0.48
121					0.07
122					0.62
123					0.79
124					1.47
125					0.48



INDEX MAP

SHEET A | SHEET B

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 5 10 15 20 25metres

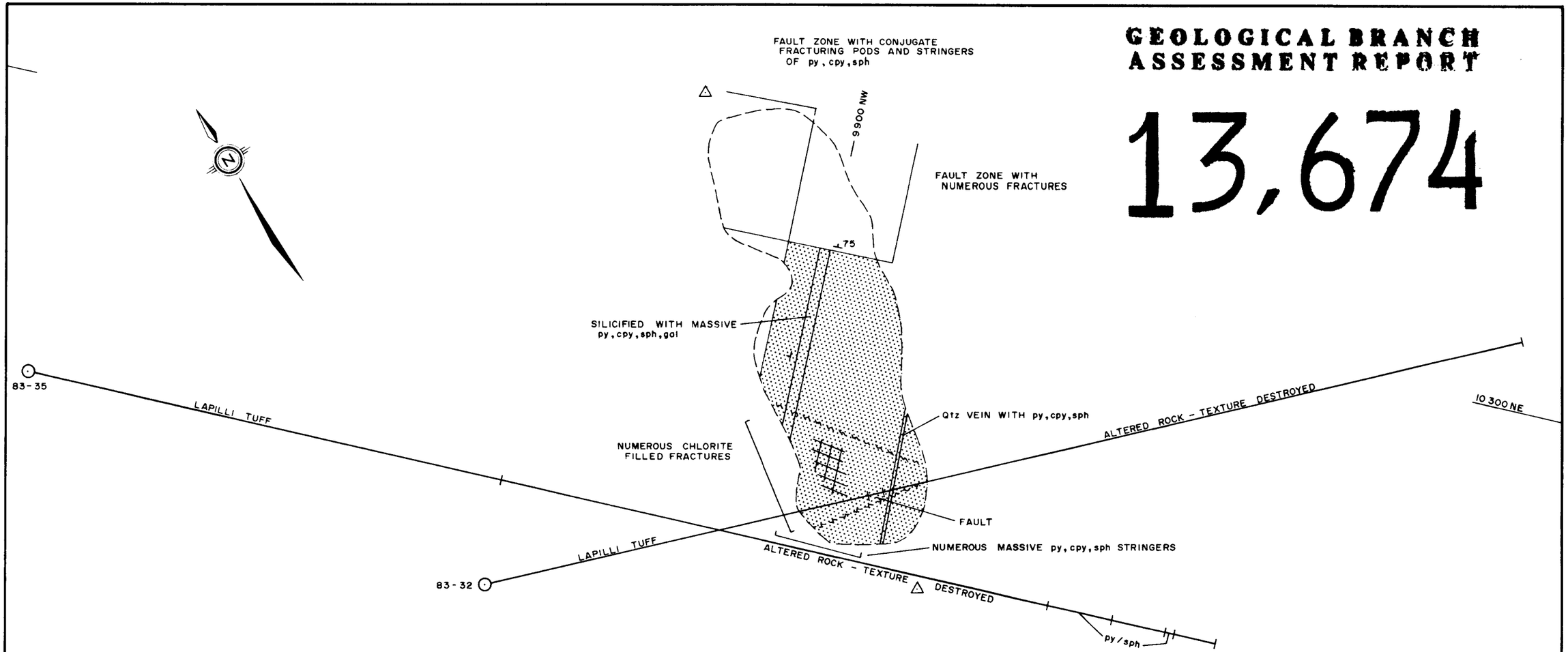
ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

CLOUTIER ZONE

TRENCH MAP - CHANNEL SAMPLES

geology by:	drawn by:	date:
MS/JB	RD	DEC. / 84
scale:	n.t.s.	fig./proj. no.
1:200	104 B/11	17



LEGEND

- ALTERED ROCK – TEXTURE DESTROYED
- LAPILLI TUFF
- DIAMOND DRILL HOLE
- SURVEY STAKE
- FAULT
- 75 STRIKE AND DIP

0 5 10 15m

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

R - 19 ZONE

GEOLOGY

geology by: MS / JB	drawn by: RD	date: DEC / 84
scale: 1:200	n.t.s. 104B 11	fig./proj. no. 18

LEGEND

COLUMN 1 – LITHOLOGY
- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta-argillite
- Meta-arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration
- Moderate pervasive, intense pervasive (texture obliterated)

b) Carbonate Alteration
- Pervasive, Vein, veinlet

c) Other Alteration
- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization

Disseminated	Pyrite
Vein, veinlets, stringers	Pyrite and chalcopyrite
Massive, semi massive	Other sulfides

b) Structure
- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining
- Vein

0 1 2 3 4 5 10 metres

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

SECTION 9625 NE

DDH 84-40

geology by	drawn by	date
MS / JB	RD	DEC. /84
scale	N.T.S.	fig./proj. no.
1:200	104 B/11	19

SE

NW

DDH 84-41 (145°, -45°)

1150 m

1100 m

87.84 m

py, cpy

py

py

py

py, cpy

py

0 1 2 3 4 5 10 metres

LEGEND

COLUMN 1 – LITHOLOGY

- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta – argillite
- Meta – arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration
- Moderate pervasive, Intense pervasive (texture obliterated)

b) Carbonate Alteration
- Pervasive, Vein, veinlet

c) Other Alteration
- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization

Disseminated	Pyrite
Vein, veinlets, stringers	Pyrite and chalcopyrite
Massive, semi massive	Other sulfides

b) Structure
- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining
- Vein

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

SECTION 9530 NE

DDH 84-41

geology by	drawn by	date
MS / JB	RD	DEC. / 84
scale	n.t.s	fig./proj. no
1:200	104 B/11	20

SE

NW

DDH 84-42 (135°, -45°)

1150 m

py in fracture

py

py

py

py

py, min. cpy

py, diss. cpy

po, cpy, go, sph

py, go, sph

py, cpy

po, sph

po, sph

1100 m

111.86 m

diss, sph, po, py

sph

LEGEND

COLUMN 1 – LITHOLOGY

- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta – argillite
- Meta – arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration
- Moderate pervasive, intense pervasive (texture obliterated)

b) Carbonate Alteration
- Pervasive, Vein, veinlet

c) Other Alteration
- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization
- Disseminated
- Vein, veinlets, stringers
- Massive, semi massive

(Pyrite; Pyrite and chalcopyrite; Other sulfides)

b) Structure
- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining
- Vein

0 1 2 3 4 5 10 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

SECTION 9418 NE

DDH 84-42

geology by	drawn by	date
MS / JB	RD	DEC./84
scale	n.t.s.	fig./proj. no.
1:200	104 B/11	21

10500 NE

10500NE

10000NE

9800 NW

9000 NW

9800NE

Thrust Plane Debris

McFadden Float Zone

A

B

C

DDH 45 (1410·4)
DDH 46 (1410·3)
DDH 44 (1410·2)
DDH 47 (1426·0)
DDH 48 (1439·4)
DDH 49 (1452·9)
DDH 50 (1467·8)
DDH 33 (1378·9)
DDH 34 (1379·0)

LEGEND

- Extent of snow or ice
- Ice fall
- Float train / thrust plane debris
- Medial moraine
- Lateral moraine
- Direction of ice flow
- Probable source area for McFadden float zone

Diamond drill hole number
Elevation at collar
DDH 26 (1219·0)
Projection
Collar location

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

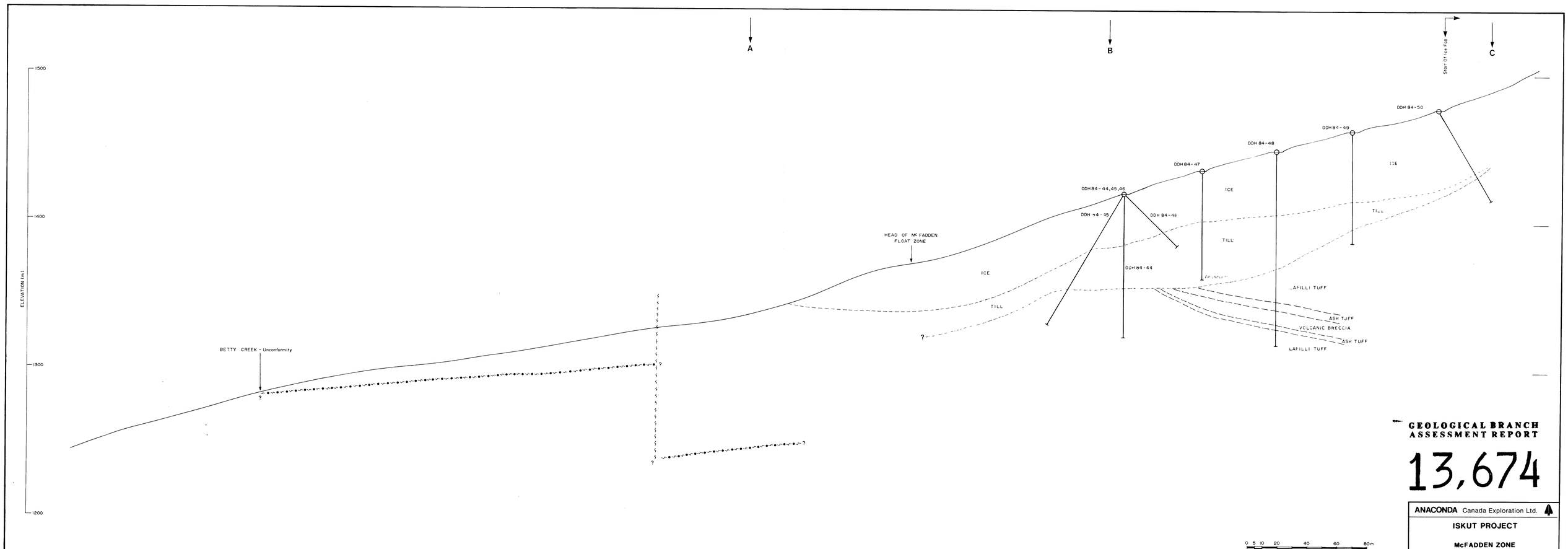
ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

McFADDEN ZONE

DRILL HOLE LOCATIONS

geology by: MS / JB	drawn by: RD	date: DEC. /84
scale: 1:1000	n.t.s. 104 B/11	fig./proj. no. 23



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

McFADDEN ZONE

SECTION A-C

geology by: J.B.	drawn by: R.D.	date: DEC. /84
scale: 1:1000	n.t.s.	fig./proj. no. 24

E

W

DDH 84 - 43 (100°, -45)

1200 m

1150 m

148·44 m

LEGEND

COLUMN 1 – LITHOLOGY

- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta – argillite
- Meta – arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration
- Moderate pervasive, intense pervasive (texture obliterated)

b) Carbonate Alteration
- Pervasive, Vein, veinlet

c) Other Alteration
- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization
- Disseminated
- Vein, veinlets, stringers
- Massive, semi massive

(Pyrite; Pyrite and chalcopyrite; Other sulfides)

b) Structure
- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining
- Vein

0 1 2 3 4 5 10 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

SECTION 9691 NE to 9751 NE

DDH 84-43

geology by	drawn by	date
MS / JB	RD	DEC. / 84
scale	n.t.s.	fig./proj. no.
1:200	104 B/11	22

DDH 19

DDH 30

DDH 28

DDH 29

DDH 26

DDH 27

DDH 36

DDH 15,16

DDH 20

DDH 37

DDH 21

DDH 39

DDH 1

DDH 2

DDH 38

DDH 12,13

DDH 17

DDH 9,10,11

DDH 40

DDH 3-7

DDH 41

DDH 43

DDH 25

DDH 18

DDH 14

DDH 31

DDH 42

DDH 24

DDH 22

DDH 23

DDH 8

12000 NE

11000 NE

10000 NE

10000 NW

9800 NE

9700 NE

9400 NE

9500 NE

LEGEND

INSTRUMENT : 2 EDA OMNIMAG
PPM 375 MAGNETOMETERS
BASE STATION VALUES :
1983 LINES : 57700
1984 LINES : 57545
CONTOUR INTERVAL : 50 GAMMAS

SHEET INDEX

1 2

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

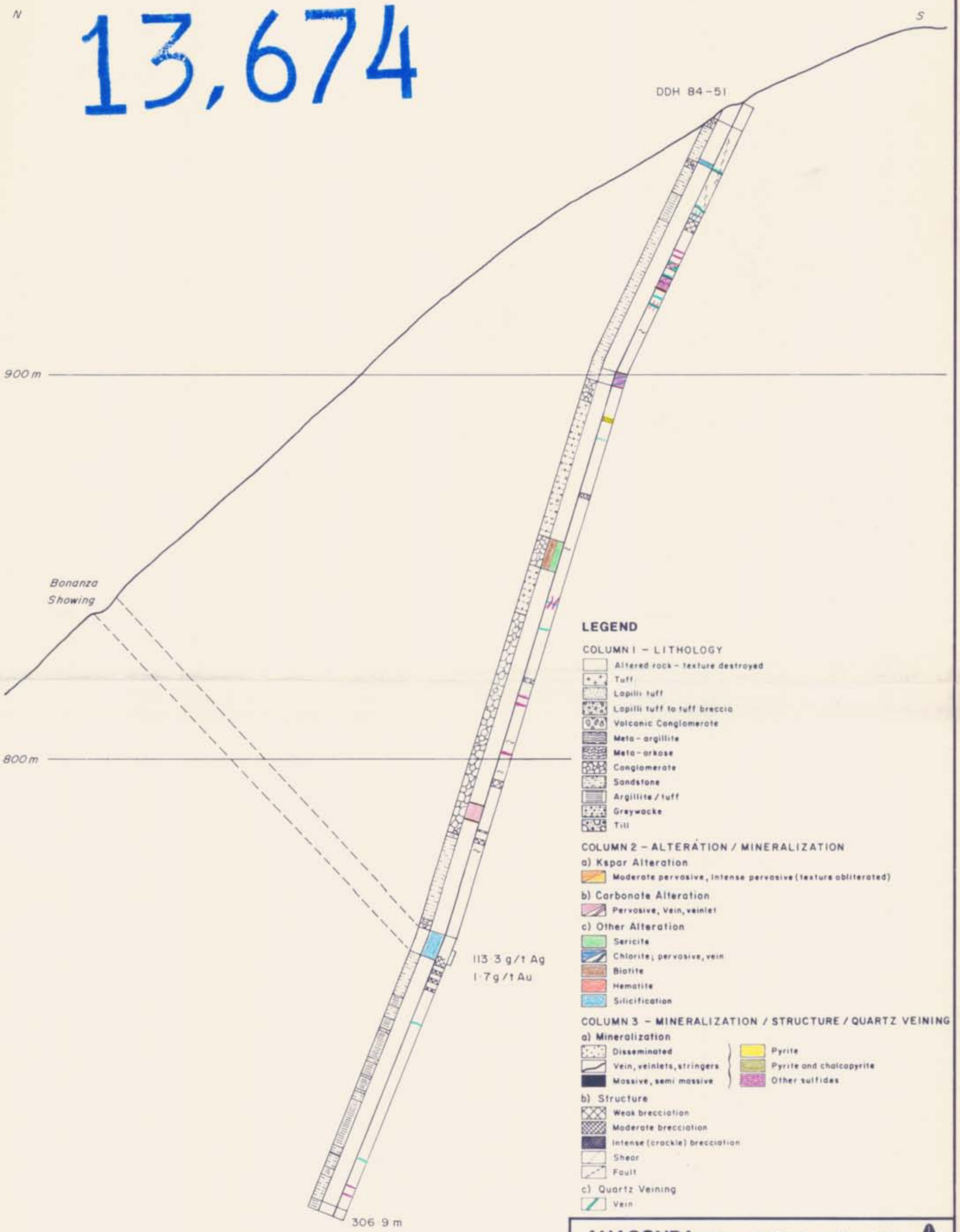
13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

TOTAL FIELD MAGNETOMETER SURVEY

geology by:	drawn by: RD	date: DEC. / 84
scale: 1:1000	n.t.s. 104 B / 11	fig./proj. no. 25



LEGEND

COLUMN 1 – LITHOLOGY

- Altered rock – texture destroyed
- Tuff
- Lapilli tuff
- Lapilli tuff to tuff breccia
- Volcanic Conglomerate
- Meta – argillite
- Meta – arkose
- Conglomerate
- Sandstone
- Argillite / tuff
- Greywacke
- Till

COLUMN 2 – ALTERATION / MINERALIZATION

a) Kspar Alteration
- Moderate pervasive, intense pervasive (texture obliterated)

b) Carbonate Alteration
- Pervasive, Vein, veinlet

c) Other Alteration
- Sericite
- Chlorite; pervasive, vein
- Biotite
- Hematite
- Silicification

COLUMN 3 – MINERALIZATION / STRUCTURE / QUARTZ VEINING

a) Mineralization
- Disseminated
- Vein, veinlets, stringers
- Massive, semi massive
- Pyrite
- Pyrite and chalcopyrite
- Other sulfides

b) Structure
- Weak brecciation
- Moderate brecciation
- Intense (crackle) brecciation
- Shear
- Fault

c) Quartz Veining
- Vein

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

BONANZA ZONE

SECTION DDH-84-51

geology by: M.S., J.B.	drawn by: D.M.C.	date: JAN. 84
scale: 1:1000	n.t.s. 104 B/11	fig./proj. no. 33

LEGEND

VLF CONDUCTOR AXIS

−10° +10°

IN PHASE
TILT ANGLE

INSTRUMENT : GEONICS VLF EM-16
STATION : NLK (SEATTLE, WASHINGTON
FREQUENCY : 24·8 KHz.

VLF CONDUCTOR

0 10 20 30 M

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

BONANZA ZONE

VLF EM-16 SURVEY

geology by: R G	drawn by: D M C	date: OCT, 84
scale: 1:500	n.t.s. 104 B/11	fig./proj. no. 32

9500 NE
9600 NE
9700 NE
9800 NE
9900 NE
10000 NE

DDH 42
DDH 41
DDH 24
DDH 40
DDH 17
DDH 9,10,11
DDH 31
DDH 18
DDH 14
DDH 25
DDH 3-7
DDH 12,13
DDH 38
DDH 23
DDH 43
DDH 36
DDH 29
DDH 22
DDH 27
DDH 28
DDH 26
DDH 15,16
DDH 30
DDH 21
DDH 39
DDH 20
DDH 37
DDH 1
DDH 2
DDH 19
DDH 8

Direction ← SE
Station - Seattle

Direction → NW
Station - Hawaii

BL 10000 NW
9900 NW
9800 NW
9700 NW
9600 NW
9500 NW

LEGEND

VLF CONDUCTOR AXIS
-10° +10°
IN PHASE
TILT ANGLE

INSTRUMENT : GEONICS VLF EM-16
STATION : NTM (LUALUALEI, HAWAII)
FREQUENCY : 23.4 KHz
STATION : NLK (SEATTLE, WASHINGTON)
FREQUENCY : 24.8 KHz

SHEET INDEX

1 2 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

MAIN GRID

VLF EM-16 SURVEY

geology by:	drawn by: RD	date: DEC. / 84
scale: 1:1000	n.t.s. 104 B/11	fig./proj. no. 29

DDH 45
DDH 44
DDH 46
DDH 47
DDH 48
DDH 49
DDH 50

9600 NW
9500 NW
9400 NW
+10%
0%
-10%
9000 NW
Direction ◄ NW
Station - Hawaii
20%
10100 NE
10000 NE
9950 NE
9900 NE
9850 NE
Direction ► SE
Station - Seattle
Steep Glacier
Cliff
10%
30%
9600 NW
9500 NW
9400 NW
9300 NW
9200 NW
9100 NW
9000 NW
8900 NW

N

LEGEND

VLF CONDUCTOR AXIS
-10°
+10°
IN PHASE TILT ANGLE

INSTRUMENT : GEONICS VLF EM-16
STATION : NTM (LUALUALEI, HAWAII)
FREQUENCY : 23.4 KHz
STATION : NLK (SEATTLE, WASHINGTON)
FREQUENCY : 24.8 KHz

SHEET INDEX

1 2 3

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

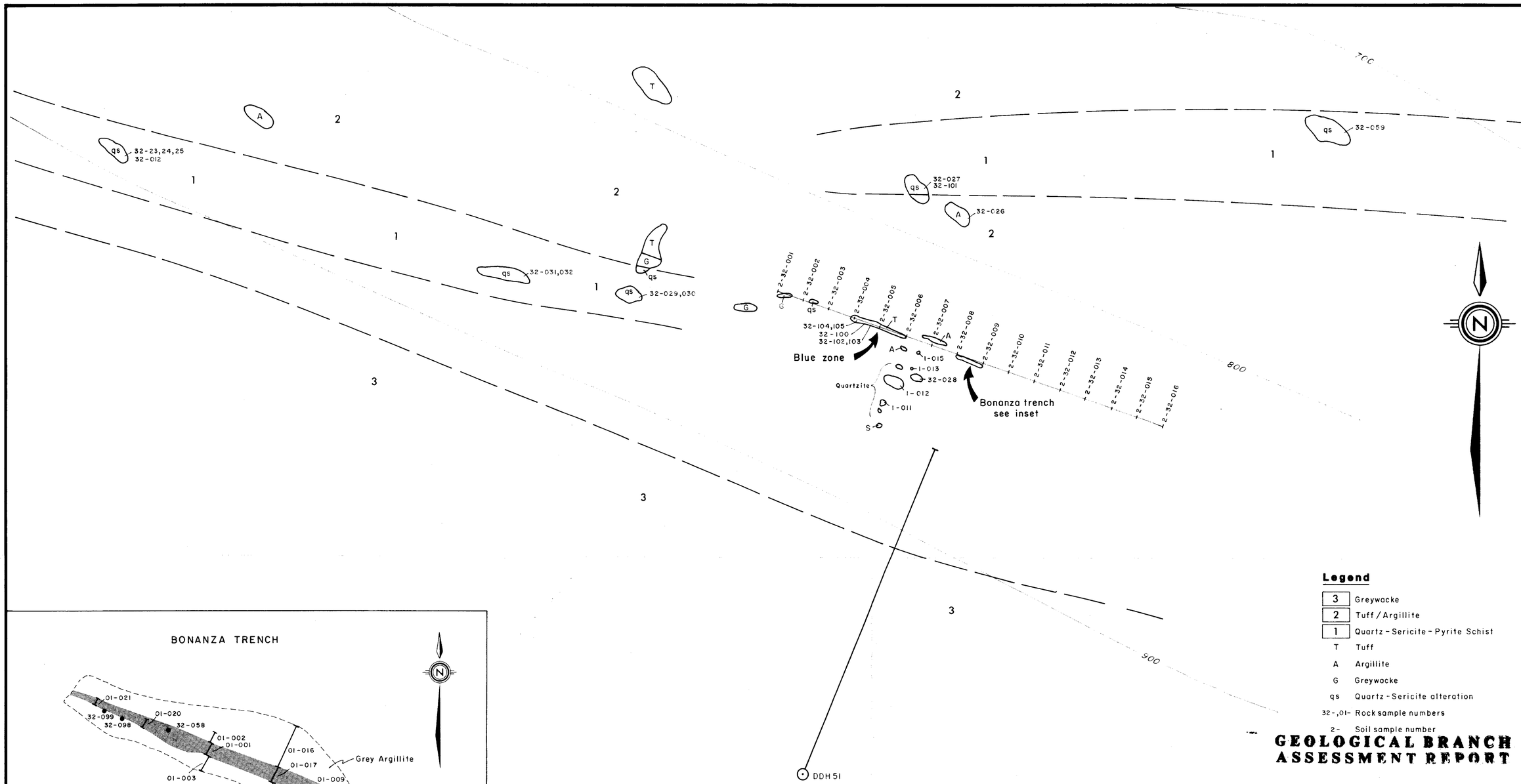
GEOLOGICAL BRANCH ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT
McFADDEN ZONE
VLF EM-16 SURVEY

geology by	drawn by	date
	RD	DEC./84
scale	n.t.s.	fig./proj. no
1:1000	104 B/11	30



Legend

3	Greywacke
2	Tuff / Argillite
1	Quartz - Sericite - Pyrite Schist
T	Tuff
A	Argillite
G	Greywacke
qs	Quartz - Sericite alteration
32-,01-	Rock sample numbers
2-	Soil sample number

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,674

0 10 20 30 40 50 M

BONANZA TRENCH

Sample No.	Cu (ppm/%)	Pb (ppm/%)	Zn (ppm/%)	Ag (g/t)	Au (g/t)
32-058	14.10%	45	8,300	13899	99.5
-098	1.00%	405	605	222.5	4.12
-099	121	4,080	9,800	7.6	0.07
1-01-001	3.60%	1,200	1,800	176.2	1.00
-002	3,300	600	1,900	27.4	0.45
-003	3,200	100	1,000	7.5	0.07
-009	1.38%	600	1,000	167.3	1.69
-016	1,268	183	1,211	12.9	0.07
-017	8,700	2,300	1,800	246.8	0.28
-018	1,887	620	1,782	20.7	0.07
-019	1,832	420	1,621	12.9	0.07
-020	5.55%	5,700	1.52%	1151	3.00
-021	6,900	700	2,800	60.0	0.07
-022	2.24%	254	904	435.3	8.35

Rock samples

Sample No.	Cu (ppm/%)	Pb (ppm/%)	Zn (ppm/%)	Ag (g/t)	Au (g/t)	Width (m.)
01-011	164	88	304	.9	0.07	±1.0
01-012	237	2056	3313	5.7	0.07	+1.0
01-013	121	411	808	1.3	0.07	+1.0
01-015	143	32	316	.1	0.07	+1.0
32-012	1390	3300	4.04%	42.0	1.79	2.0
32-023	440	4800	9500	16.0	0.14	1.2
32-024	3500	1.35%	9.70%	157.0	1.97	GRAB
32-025	1015	4400	1.30%	25.0	0.69	1.0
32-026	1125	8.20%	19.50%	216.0	0.45	0.15
32-027	825	11.10%	16.90%	280.8	0.48	GRAB
32-028	380	6400	1.24%	21.0	0.07	0.8
32-029	288	9000	3.35%	26.0	0.07	0.5
32-030	470	2400	6400	22.0	0.55	2.0m?
32-031	1055	1760	3000	33.0	1.45	2.0m?
32-032	208	2200	6600	12.0	0.66	2.0m?
32-059	1365	480	1140	132.0	3.38	GRAB
32-100	590	450	76	103.9	3.45	0.8
32-101	0.01%	0.01%	0.01%	0.7	0.17	GRAB
32-102	0.01%	<0.01%	<0.01%	27.4	2.14	1.0
32-103	0.03%	0.01%	<0.01%	50.7	1.10	1.0
32-104	0.03%	0.03%	<0.01%	38.1	1.72	1.0
32-105	<0.01%	<0.01%	<0.01%	6.2	0.83	1.0

Soil samples

Sample No.	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
2-32-001	935	702	4,465	4.9	285
2-32-002	171	938	446	31.5	1,630
2-32-003	283	2,683	987	15.1	560
2-32-004	133	536	370	13.9	825
2-32-005	1,377	468	906	6.7	425
2-32-006	89	967	133	138.0	2,310
2-32-007	220	534	108	34.2	635
2-32-008	171	566	208	11.7	290
2-32-009	184	456	147	6.0	125
2-32-010	55	231	81	11.4	175
2-32-011	125	192	196	6.1	105
2-32-012	50	197	110	2.6	215
2-32-013	64	332	131	1.8	325
2-32-014	51	473	129	12.7	145
2-32-015	63	446	104	5.7	315
2-32-016	48	312	82	9.8	355

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

BONANZA ZONE

GEOLOGY AND GEOCHEMISTRY

geology by: AK,GC,MS	drawn by: DMC	date: DEC, 84
scale: 1:1000	n.t.s. 104 B/11	fig./proj. no. 31

DDH 30
DDH 19
DDH 20
DDH 37
DDH 1
DDH 2
DDH 32
DDH 35
10000NW
10000NE
10500NE
9600NE

LEGEND

INSTRUMENT : 2 EDA OMNIMAG
PPM 375 MAGNETOMETERS
BASE STATION VALUES
1983 LINES : 57700
1984 LINES : 57545
CONTOUR INTERVAL : 50 GAMMAS

SHEET INDEX

1	2

0 10 20 30 40 50 60 70 80 90 100 METRES
1:1000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

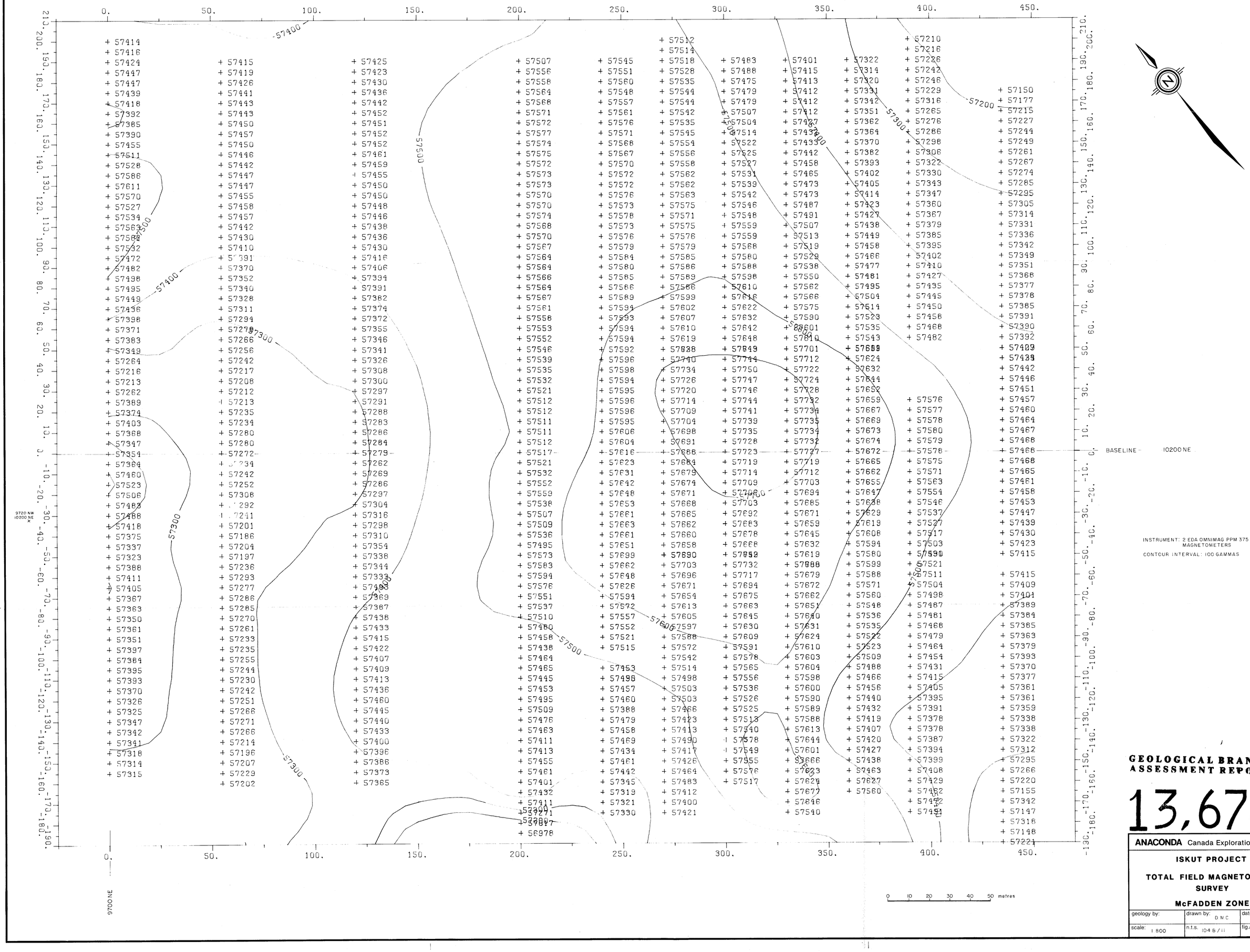
13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

TOTAL FIELD MAGNETOMETER SURVEY

geology by:	drawn by:	date:
	RD	DEC. /84
scale:	n.t.s.	fig./proj. no.
1:1000	104 B/11	26



INSTRUMENT: 2 EDA OMNIMAG PPM 375 MAGNETOMETERS

CONTOUR INTERVAL: 100 GAMMAS

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,674

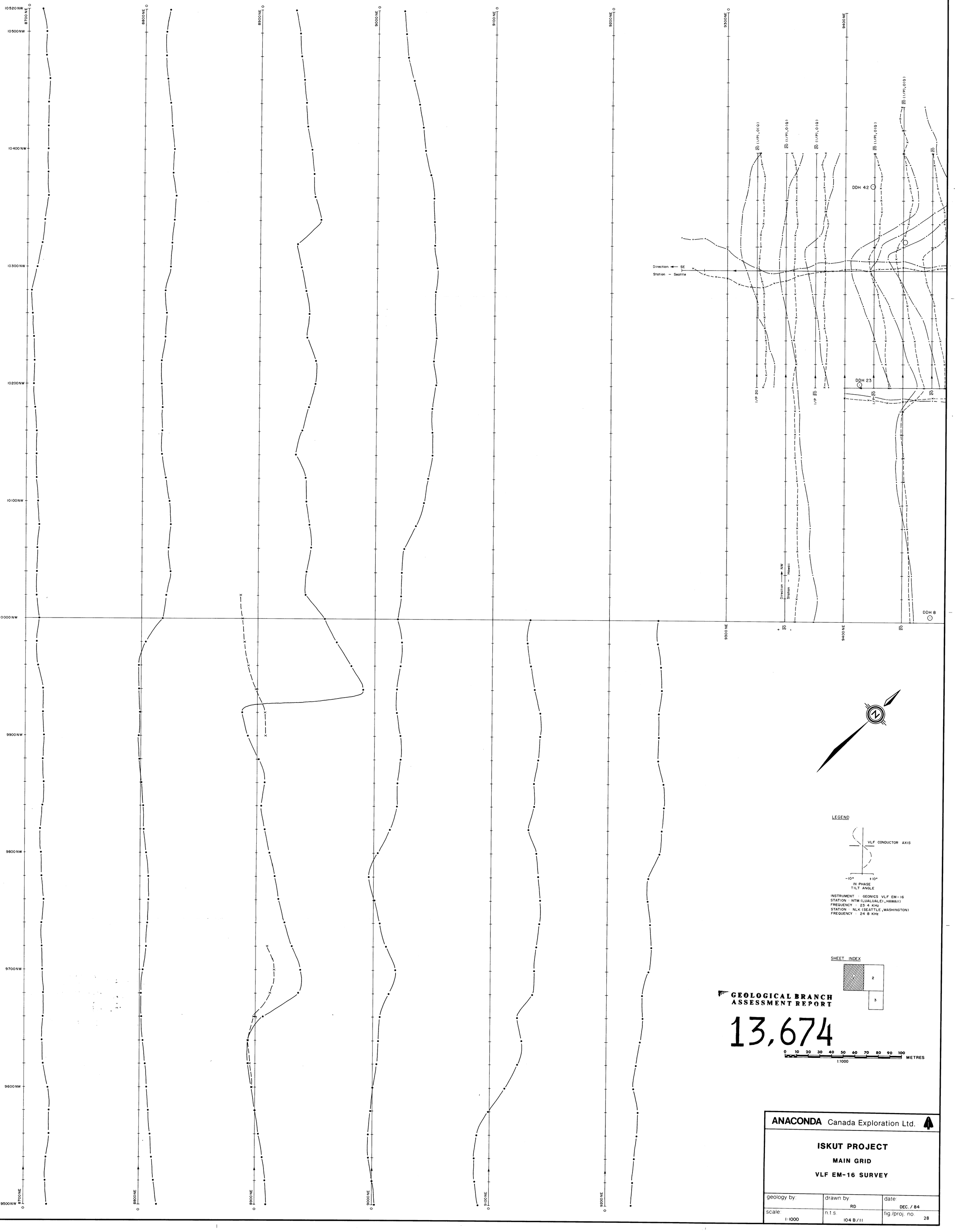
ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

TOTAL FIELD MAGNETOMETER SURVEY

McFADDEN ZONE

geology by:	drawn by: D.M.C	date: MAR, 85
scale: 1:800	n.t.s. 104 B/11	fig./proj. no. 27



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,674

ANACONDA Canada Exploration Ltd.

ISKUT PROJECT

MAIN GRID

VLF EM-16 SURVEY

geology by:	drawn by:	date:
	RD	DEC. / 84
scale: 1:1000	n.t.s. 104 B/11	fig./proj. no. 28