REPORT ON THE 1997 EXPLORATION PROGRAM

THE CHAPPELLE MINERAL CLAIMS

TOODOGGONE AREA
OMINECA MINING DISTRICT
BRITISH COLUMBIA

N.T.S. 94E/6E
LATITUDE 57 17 N
LONGITUDE 127 06 W

FOR
SABLE RESOURCES LTD.

BY
EDWARD W. CRAFT, P. ENG.
MANAGER
SABLE RESOURCES LTD.

JULY 31, 1998

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SUMMARY

A 1997 exploration program was carried out by Sable Resources Ltd. on the Chappelle property in the Toodoggone area of north Central British Columbia and consisted of soil and rock geochemistry, geological mapping, trenching and diamond drilling.

Exploration on the Chappelle property is a difficult task. The presence of quartz veins is of paramount importance.

The targets are small, 20,000 to 100,000 tons, in steep dipping veins. Ore grade material tends to be concentrated on the wider sections of the veins (plus 2 meters), however the veins narrow down to 0.1 to 0.2 meters in 1 to 2 meters and become barren or very low grade as far as gold-silver are concerned.

The main thrust of an exploration program on this property is to locate quartz veins first.

The 1997 exploration program generally found only narrow barren quartz veins despite the presence of significant gold-silver soil anomalies.

The one area that was different was the Clancey Zone where narrow ore grade quartz veins were located by prospecting.

All areas explored in 1997 require more work in order to prove or disprove ore grade material.

INTRODUCTION

The 1997 exploration program carried out by Sable Resources Ltd. on its Chappelle property was concentrated in two areas.

One area was the Mining Lease No. 49 , near the Baker Mill site and the other included the North Black Gossan Area and the Clancey Zone

The exploration program started June 5, 1997 with a four man crew under the direction of Edward W. Craft, P. Eng. and was completed on September 30, 1997.

The first part of the program concentrated on the Mining Lease Area with some prospecting done on the North Black Gossan Area and Clancey Zone as time permitted.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Chappelle property is located in the Mackenzie Basin in the Toodoggone area of north central British Columbia and is 27 miles north of Royal Oak Mines Inc. Kemess Project (Figure l). The Shasta property is located 7 miles south of and contiguous to the Chappelle property. The properties are located some 170 miles north of Smithers with road access from Mackenzie and Fort St. James. Air access via fixed wing aircraft is available to the Sturdee Airstrip, 7 miles from the Chappelle property and the adjacent Baker Mill owned by Sable Resources Ltd.

The Toodoggone area topography is moderately rugged with elevations ranging 1,400 meters above sea level on the valley floors to nearly 2,000 meters. Locally dense alpine spruce and fir extend from the valley floors to about 1,600 meters elevation above which is typical open alpine country featuring grasses and small shrubs. The valley floors are mainly open alpine and tundra, locally
covered by buckbrush and willows. Bedrock exposures are confined to drainages, steeper slopes and ridge crests.

The mean annual precipitation ranges from 50 to 75 cm, most of this occurring as rainfall during the summer months. Average temperatures vary from -20 C in winter to +12C in summer. Snow can be persistent at higher elevations until late June.

PROPERTY

The Chappelle and Shasta properties consists of 109 mineral claims (212 units) and two mining leases located in the Omineca Mining Division. Sable Resources Ltd. is the 100% owner of 24 mineral claims (112 units) and one mining lease. Multinational Mining Inc., a wholly owned subsidiary of Sable, is the 100% owner of 85 mineral claims (100 units) and one mining lease.

The configuration of the mineral claims and mining leases is shown on Figures 2 and details are as follows:

Claim Name	Record No.	Units	Expiry Date	Owner
Chappelle No. 256	245281	1	November 9, 2000	Sable
Chappelle No. 257	245282	1	November 9, 2000	Sable
Chappelle No. 258	245283	1	November 9, 2000	Sable
Chappelle No. 259	245284	1	November 9, 2000	Sable
Chappelle No. 260	245285	1	November 9, 1999	Sable
Chappelle No. 261	245286	1	November 9, 1999	Sable
Chappelle No. 262	245287	1	November 9, 1999	Sable
Chappelle No. 263	245288	1	November 9, 1999	Sable
Mosley 1	350369	18	September 11, 2001	Sable
Mosley 2	350640	16	September 11, 2001	Sable
Kevin 1	350641	1	September 12, 1999	Sable
Kevin 2	350642	1	September 12, 1999	Sable
Wild Rose 1	351161	1	September 29, 2000	Sable
Wild Rose 2	351162	1	September 29, 2000	Sable
Wild Rose 3	351163	1	September 29, 2000	Sable

Claim Name	Record No.	Units	Expiry Date	Owner
Wild Rose 4	351164	1	September 29, 2000	Sable
Wild Rose 5	351165	1	September 29, 2000	Sable
Wild Rose 6	351166	1	September 29, 2000	Sable
Shasta 2	239540	10	July 6, 2001	Sable
Shasta 3	238637	18	June 22, 2001	Sable
Shasta 4	238638	12	June 22, 2001	Sable
Shasta 5	238679	6	September 7, 2001	Sable
Shasta 6	241277	4	September 22, 2001	Sable
Shasta 7	241280	12	September 21, 2001	Sable
Mineral Lease #13	243454		June 13, 1998	Sable
Chappelle No. 12	244952	1	February 11, 2005	Multinational
Chappelle No. 14	244954	1	February 11, 2005	Multinational
Chappelle No. 15	244955	1	February 11, 2005	Multinational
Chappelle No. 16	244956	1	February 11, 2005	Multinational
Chappelle No. 21	244961	1	February 11, 2005	Multinational
Chappelle No. 22	244962	1	February 11, 2005	Multinational
Chappelle No. 25	244963	1	February 11, 1999	Multinational
Chappelle No. 26	307067	1	February 11, 1999	Multinational
Chappelle No. 27	244964	1	February 11, 1999	Multinational
Chappelle No. 28	244965	1	February 11, 1999	Multinational
Chappelle No. 29	244966	1	February 11, 1999	Multinational
Chappelle No. 30	244967	1	February 11, 1999	Multinational
Chappelle No. 37	307066	1	February 11, 2005	Multinational
Chappelle No. 38	244972	1	February 11, 2005	Multinational
Chappelle No. 39	244973	1	February 11, 2005	Multinational
Chappelle No. 40	244974	1	February 11, 2005	Multinational
Chappelle No. 41	244975	1	February 11, 2005	Multinational
Chappelle No. 42	244976	1	February 11, 2005	Multinational
Chappelle No. 43	245059	1	July 31, 1999	Multinational
Chappelle No. 44	245060	1	July 31, 1999	Multinational
Chappelle No. 45	245061	1	July 31, 1999	Multinational
Chappelle No. 46	245062	1	July 31, 1999	Multinational
Chappelle No. 47	245063	1	July 31, 1999	Multinational
Chappelle No. 48	245064	1	July 31, 1999	Multinational
Chappelle No. 49	245166	1	September 8, 2000	Multinational
Chappelle No. 50	245167	1	September 8, 2000	Multinational
Chappelle No. 51	245168	1	September 8, 2000	Multinational
Chappelle No. 52	245169	1	September 8, 2000	Multinational
Chappelle No. 53	245170	1	September 8, 2000	Multinational
Chappelle No. 54	245171	1	September 8, 2000	Multinational
Chappelle No. 59	245212	1	November 10, 1999	Multinational
Chappelle No. 60	245213	1	November 10, 1999	Multinational
Chappelle No. 61	245214	1	November 10, 1999	Multinational
Chappelle No. 62	245215	1	November 10, 1999	Multinational
Chappelle No. 63	245216	1	November 10, 1999	Multinational
Chappelle No. 64	245217	1	November 10, 1999	Multinational
Chappelle No. 65	245218	1	November 10, 1999	Multinational
Chappelle No. 66	245219	1	November 10, 1999	Multinational

Claim Name	Record No.	Units	Expiry Date	Owner
Chappelle No. 67	245220	1	November 10, 1999	Multinational
Chappelle No. 68	245221	1	November 10, 1999	Multinational
Chappelle No. 69	245222	1	November 10, 1999	Multinational
Chappelle No. 70	245223	1	November 10, 1999	Multinational
Chappelle No. 79	245224	1	November 10, 2000	Multinational
Chappelle No. 80	245225	1	November 10, 2000	Multinational
Chappelle No. 81	245226	1	November 10, 2000	Multinational
Chappelle No. 82	245227	1	November 10, 2000	Multinational
Chappelle No. 83	245228	1	November 10, 2000	Multinational
Chappelle No. 84	245229	1	November 10, 2000	Multinational
Chappelle No. 85	245230	1	November 10, 2000	Multinational
Chappelle No. 86	245231	1	November 10, 2000	Multinational
Chappelle No. 87	245232	1	November 10, 2000	Multinational
Chappelle No. 88	245233	1	November 10, 2000	Multinational
Chappelle No. 89	245234	1	November 10, 2000	Multinational
Chappelle No. 90	245235	1	November 10, 2000	Multinational
Chappelle No. 94	245289	1	November 10, 2000	Multinational
Chappelle No. 95	245290	1	November 10, 2000	Multinational
Chappelle No. 96	245291	1	November 10, 2000	Multinational
Chappelle No. 97	245292	1	November 10, 2000	Multinational
Chappelle No. 98	245293	1	November 10, 2000	Multinational
Chappelle No. 99	245294	1	November 10, 2000	Multinational
Chappelle No. 100	245295	1	November 10, 2000	Multinational
Chappelle No. 109	245296	1	November 10, 2000	Multinational
Chappelle No. 110	245297	1	November 10, 2000	Multinational
Chappelle No. 111	245298	1	November 10, 2000	Multinational
Chappelle No. 112	245299	1	November 10, 2000	Multinational
Chappelle No. 113	245300	1	November 10, 2000	Multinational
Chappelle No. 114	245301	1	November 10, 2000	Multinational
Chappelle No. 115	245302	1	November 10, 2000	Multinational
Chappelle No. 118	245244	1	November 9, 2000	Multinational
Chappelle No. 119	245245	1	November 9, 2000	Multinational
Chappelle No. 120	245246	1	November 9, 2000	Multinational
Chappelle No. 121	245247	1	November 9, 2000	Multinational
Chappelle No. 157	245253	1	November 9, 2000	Multinational
Chappelle No. 159	245255	1	November 9, 2000	Multinational
Chappelle No. 171	245265	1	November 9, 2000	Multinational
Chappelle No. 186	245273	1	November 9, 2000	Multinational
Chappelle No. 188	245274	1	November 9, 2000	Multinational
CW #1 FR.	245750	1	April 12, 1999	Multinational
Heck 1	358218	1	July 29, 1998	Multinational
Mineral Lease #49	243451		September 10, 1998	Multinational

HISTORY

Area History

The Toodoggone River area was initially investigated for placer gold in the 1920's. Considerable work was carried out near the junction of McClair Creek and Toodoggone River in 1934. The lode potential of the area was also investigated in the 1930's. Intermittent exploration work continued in the region until the 1960's when it was investigated by a number of companies for porphyry copper potential.

Gold-silver mineralization in quartz veins was recognized at the Chappelle property by Kennco Exploration (Western) Ltd. in 1969. The property was acquired by DuPont of Canada Exploration Ltd. in 1974 and placed in production in 1981 (Baker Mine). DuPont produced 95,000 tons at 100 tons per day from the gold-silver-copper Vein "A" deposit on this property from 1981-83. The production graded an equivalent value of 0.9 oz. of gold per ton.

Property History

Chappelle Property

The Chappelle property was acquired by Multinational Resources Inc. from DuPont in 1985 and over the next 3 years extensive exploration by Multinational was carried out on the Vein "B" deposit which outlined an accessible 20,000 tons of ore grading 0.5 oz. gold, 5 oz. silver and 1% copper per ton. In 1991, Sable arranged with Multinational to mine and mill the Vein "B" deposit and processed 17,250 tons of ore intermittently to 1997. The operation was initially by underground methods of mining and reverted to surface and open pit methods due to the very unstable ground conditions. The gold-silver-copper concentrate last produced in 1997 averaged 15 oz. gold, 101 oz. silver and 7% copper per dry ton (1996 - 24 oz. gold, 240 oz. silver and 15% copper per dry ton). Although much of the exploration between 1985 and 1988 on the Chappelle property focused on the immediate area of the Vein "B" deposit, several surveys were carried out on the peripheral mineral claims and in 1989 Multinational carried out an extensive exploration program consisting of 15 kilometers of VLF/Mag geophysics, trenching and the analysis of 653 soil and 316 rock samples. The 1989 program was successful in discovering seven new areas of gold mineralization which warranted drill testing of the target areas. These targets areas were the "B" Vein Offset, West Cirque Zone, Peter's Gulch Showing, Price Zone, Northwest Zone, Mt. Shasta Area, Clancey-North Black Gossan Zone (Delancey, 1989). In 1996, Sable acquired the Chappelle property by the acquisition of Multinational Mining Inc., a private company and now a wholly owned subsidiary of Sable.

Shasta Property

The Shasta property was staked in 1972 by International Shasta Resources Ltd. when interest in the area was sparked by the discovery and development of the Baker Mine by DuPont of Canada Exploration Ltd. Geochemical, geophysical and geological surveys were carried out between 1973 and 1975. In 1983, Newmont Exploration Canada Ltd. optioned the property and during the next two years staked additional claims. Newmont's extensive exploration identified the Creek Zone and two other mineralized structures, the Rainier and Jock Zones. Esso Minerals Canada Ltd. optioned the property in 1987 and carried out two seasons of extensive exploration with the main result of this work being the discovery of the JM and O Zones. Homestake Canada Ltd. took over Esso's interest in the Shasta property in 1989 and carried out extensive exploration programs over

1989 - 1990. In addition to the exploration program operated by Homestake, International Shasta and Sable Resources Ltd. mined and processed 117,000 tons of ore from the Creek, JM and D Zones. The initial 1989 open-pit operation shifted to an underground operation in 1990 and production from the JM and D deposits averaged 50,000 tons each with ore grades of 0.25 oz gold and 17 oz. silver per ton. Mill production at Sable's Baker Mill was initially 100 tons per day and ultimately increased to 250 tons per day by 1991. In 1994, Sable acquired 100% ownership of the Shasta mineral claims and mining lease. Two small drill programs were carried out by Sable in 1994 and 1995 with no further ore grade zones delineated.

GEOLOGY

Regional Geology

The Toodoggone River area lies within the Stikine Terrane on the eastern margin of the Intermontaine Belt, in the Cassiar-Omineca Mountains (Figure 3). This 2 - 20 kilometer wide, northwesterly belt extends 90 kilometers from Thutade Lake on the south to the Stikine River on the north.

The oldest rocks in the area are the Permian Asitka Group limestones, which are in thrust contact with Upper Triassic Stuhini Group volcanics. Stuhini Group rocks are dominantly alkaline to sub-alkaline, submarine, mafic flows and derived sediments. Unconformably overlying the Stuhini Group are Lower to Middle Jurassic Hazelton Group rocks representing a proable island-arc sequence of volcanics and associated sediments. The Jurassic Toodoggone volcanic rocks represent a distinct Quartz-bearing facies of the Hazelton Group and comprise dominatnly calc-alkaline, intermediate to felsic subaerial volcanic rocks and associated sediments. The youngest rocks in the area are chert-pebble conglomerates and sandstones of the Teriary to Cretaceous Sustut Group, which unconformably overlies the Toodoggone volcanics. Lower Jurassic to Upper Triassic Omineca plutonic rocks, consisting of granodiorite and quartz monzonite, intrude the Stuhini and Toodoggone volcanics

Several precious metal epithermal vein deposits have been discovered in the Toodoggone area in the last two decades. These deposits are generally related to fault structures cutting Toodoggone volcanic rocks or older Takla rocks. The character of the deposits is generally related to the level of deposition within the hydrothermal system. Precious metal mineralization at the Baker Mine (Chappelle property) is hosted in quartz veins cutting Takla basic volcanic rocks. The Cheni Mine mineralization is largely in silicified zones and amythestine breccias. The Shasta Mine (Shasta property) is characterized by braided stockwork zones of quartz, calcite and potassic feldspar with grey sulphides and electrum.

The structure of the Toodoggone area is dominated by normal faults of Lower Jurassic to Tertiary age which have north-northwesterly to north-northeasterly trends. Some of the older faults are thought to have acted as conduits for mineralizing hydrothermal solutions (Schroeter, 1982). The proximity of mineral deposits to these regional structures is shown in Figure 4.

Property Geology

Chappelle Property

The southwestern portion of the Chappelle property is underlain by Permian limestones which have been thrust over basic Takla volcanic rocks of Upper Triassic age. Rocks exposed in the northeast portion of the property are Toodoggone volcanics of the Jurassic Hazelton Group. The south-central area is cut by a large granitic stock . Contacts between the rock units are generally along northwest trending faults. The Takla volcanic rocks are mostly andesite pyroxene porphyry flows and breccias. Other litholigies include coarse fragmentals, bedded tuffs and argillites.

The Toodoggone volcanics consist of a moderately dipping package of calc-alkaline, felsic, subaerial rocks characterized by dacite, lapilli tuff and quartz-feldspar porphyry. The Toodoggone rocks have been divided into 24 statigraphitic units (H. Marsden, 1988). The uppermost unit is the Saunders grey dacite. This unit, and the underlying Hornblende-Feldspar Porphyry Flow unit, cover much of the northeastern portion of the Chappelle property. The extrusion of the Saunders grey dacite is separated from the rest of the Toodoggone volcanic activity by a hiatus that coincided with the end of significant gold mineralization. Mapping has indicated little difference between the dacite and porphyry flows. The quartz content varies locally.

Prominent quartz-sericite-chorite-pyrite gossamous alteration zones occur throughout the area. Precious metal mineralization occurs along, or closely associated with, steeply dipping fault structures. On the Chappelle property, the Baker system of quartz veins strike northeasterly. The Clancey and Peter's Gulch vein structures strike northwesterly. Rock adjacent the veins, faults and fractures, show local silicification and sericitization. Alteration of feldspars to clay and the presence of quartz-carbonate-epidote veinlets increases with proximity to the structures. The quartz veins or quartz breccias frequently are vuggy.

Gold-silver mineralization is generally associated with pyrite, sphalerite, galena or chalcopyrite. However, there is no direct correlation between the presence of sulphides and the presence of precious metals.

Shasta Property

The Shasta property is underlain predominately by a succession of feldspar, quartz, biotite and hornblended crystal-rich pyroclastic and epiclastic rocks within the Toodoggone volcanics. In the Shasta deposit area these rocks have been informally termed the basal series, the pyroclastic series and the epivolcaniclastic series, based on differences in composition and depositional environments (Holbek, 1989). In general, the epivolcaniclastic rocks occur to the west and north of the Shasta deposit area, whereas the pyroclastic rocks host the mineralization and underlie most of the area immediately south and east of the Shasta deposit. The oldest rocks in the property area are pyroxene-feldspar-bearing basalt flows and derived fragmental rocks of the Upper Triassic Stuhini Group. These rocks are exposed on the extreme southern edge of the property, strike east-northeast and dip gently to the northwest. Unconformably overlying the Stuhini Group are a series of pyroclastic and epivolcaniclastic rocks termed the 'basal series', that are typical of Hazelton Group rocks. This unit consists of dark green lapilli tuffs charaxterized by quartz and feldspar phenocrysts less than 2 millimeters in diameter, and interbedded purple and green volcanic-derived sediments (Marsden and Moore, 1990).

The structure on the Shasta property is dominated by north to northwest trending normal and/or dextral block faulting. The rock units are gently tilted and lack any evidence of ductile deformation, although regionally, the Toodoggone volcanic rocks are reported to display broad open folds (Panteleyev, 1982). Tilting and rotation of the fault blocks and fracturing on the property is important because structural breaks controlled the initial emplacement and the subsequent displacement of mineralization.

Mineralization on the Shasta property, which consists of argentite, electrum, native silver and gold and minor amounts of sphalerite, galena and chacopyrite, is hosted by structurally controlled quartz-carbonate, stockwork veins and breccia zones. The best precious metal grades typically occur within the breccias or adjacent areas of intense stockwork veins.

1997 EXPLORATION PROGRAM

I. Mining Lease Area

The exploration targets on the Mineral Lease area were the "B" Vein Extension Zone, and the area between the "B" Vein Extension Zone to, and including the West Cirque Zone.

Four trenches were excavated with a Hitachi 200 excavator across the "B" Vein Extension Zone soil anomaly. No quartz veins were located but areas of intense alteration were encountered. None of the samples showed more than background gold-silver values. Despite these results, it was decided to drill two diamond drill holes in this area.

Two road cuts, shown in green in Figure 5, were excavated across the hillside between the "B" Vein Extension Zone and the West Cirque Zone. The purpose of these cuts was to expose bedrock as this hillside is covered with a 0.5 - 1.0 meter thickness of talus.

Three quartz showings were located just west of the "B" Vein Extension Zone. Low grade gold-silver was reported in the samples taken from this area. Seven diamond drill holes tested this area. The lower road provided access to the West Cirque Zone. A quartz vein was located but samples taken reported low grade gold-silver mineralization. One diamond drill hole tested this quartz vein.

Diamond Drilling

The diamond drill program on the Mineral Lease area was conducted by Britton Bros. Diamond Drilling Ltd. and carried out between June 30 and July 7, 1997. A total of 589.51 meters was completed in eight drill holes. The location of the drill holes is shown on Figure 5 and marked in red. The diamond drill hole specifications are detailed as follows.

Drill Hole No.	Dip	Azm.	Length	Location
DD97-01	-45	90	62.18 m	"B" Vein Extension
DD97-02	-45	320	84.43 m	"B" Vein Extension
DD97-03	-45	156	105 m	South of "B" Vein
DD97-04	-45	144	115 m	South of "B" Vein
DD97-05	-45	133	93.6 m	South of "B" Vein
DD97-06	-45	180	45.7 m	South of "B" Vein
DD97-07	-45	04	35.7 m	South of "B" Vein
DD97-08	-45	345	47.9 m	West Cirque Zone

No ore grade intersections were encountered. Logging and sampling of the core is detailed in Appendix I.

Geochemistry

Soil geochemistry has proven to be a moderately effective exploration tool on the Chappelle property. The purpose of the 1997 survey was to test the area south of the Vein "B" between and including the West Cirque Zone. A total of 36 rock samples were collected over two contour soil grid lines. Samples were collected from decomposed material (Horizon B) at 25 meter spacing and at a 15 - 30 cm depth. The location of these grid lines is shown in green on Figure 5.

Of the samples taken, 17 returned gold values ranging from 0.1 to 0.65 g/tonne and 32 returned silver values ranging from 1.0 to 27.5 g/tonne.

An additional 34 soil and 52 rock samples were taken in the Vein "B" extension at the end of the season to re-sample the structure encountered during the construction of the drill access road. Although no economic mineralization was encountered by diamond drill earlier in the season, the samples returned values up to 520 ppb gold and 5 ppm Ag. It is important to note, that the Vein "B" deposit initially had similar gold-in-soil values and little significant mineralization in the early drilling.

Results are included in Appendix II and III. Several of the 1997 anomalous results will be tested by closer spaced sampling proposed for the 1998 exploration program.

2. North Black Gossan Area

Previous prospecting of the North Black Gossan Area was carried out without easy access to the zone. In 1998 access to this zone was improved by building a road, shown in green on Figure 6. Construction of this road, using a CAT D8 dozer and a Hitachi 200 excavator, will provide access to both the ridge of the Black Gossan Area and the base of the Clancey Zone. Mapping of the bedrock on the west slope of the hillside, covered with 1 - 1.5 meters of talus, was made possible as a result of the road construction.

Geochemistry

The 1997 survey contour soil lines were run from south to north along the west slope of the North Black Gossan ridge. A total of 88 rock samples and 279 soil samples were collected from decomposed material (Horizon B) over four contour grid lines and at a depth of 15 - 30 cm. The results of this survey indicated a gold anomaly with values shown on Figure 7 and a silver anomaly with values shown on Figure 8.

It is interesting to note that the gold and silver anomalies occupy different areas. Also, the ICP analysis indicates that the gold and silver are the only metals showing anomalous values in their respective areas (Cavendish Laboratory Ltd., Certificate of Analysis 970829B).

Complete results are included in Appendix II and III.

No further work was done on the silver anomaly.

Trenching

A total of 12 trenches of various lengths were excavated above the gold anomaly in order to identify its source. A number of alteration zones were located with significant silicification but with no quartz veins present. One alteration zone striking at 310 degrees was traced for 150 meters. This was panel sampled but returned only low gold values. This is not uncommon for near surface samples in this area as surface leaching is quite wide spread.

Diamond Drilling

Britton Bros. Diamond Drilling Ltd. was recalled to the property to drill the structure located by the above trenching. A total of 663.69 meters was completed in eight drill holes between September 22 and 27, 1997. The location of the drill holes is shown on Figure 9 in red. The diamond drill hole specifications are detailed as follows.

Drill Hole No.	**Dip**	**Azm.**	**Length**
DD97-09	-45	220	64.0 m
DD97-10	-60	220	45.1 m
DD97-11	-45	220	30.5 m
DD97-12	-60	220	45.7 m
DD97-13	-60	220	42.7 m
DD97-14	-45	277	106.7 m
DD97-15	-45	277	106-7 m
DD97-16	-45	24	76.2 m
DD97-17	-55	24	109.8 m

No gold mineralization was encountered and only narrow quartz veins were intersected. In conclusion, the drilling program did not confirm the structure as the source of this gold anomaly. Logging and sampling of the core is detailed in Appendix I.

3. Clancey Zone

Prospecting in 1997 located a number of narrow gold-silver bearing quartz veins at the base of the Clancey Zone. These veins are different from the norm in that they are of ore grade mineralization with values up to 19.3 g/tonne Au and 3200 g/tonne Ag.

A small soil geochemistry grid was run near one of these veins but did not return any significant gold-silver values. Results are included in Appendix II and III.

The Clancey Zone has much more pervasive silicification than the rest of the property and much more work is required.

CONCLUSIONS

Although no conclusive results were obtained from the 1997 program, the data from the extensive sampling and trenching along with the drilling results will require further evaluation before additional exploration work on the significant gold and silver anomalies is carried out. This target together with the numerous other targets on the Chappelle Property should be prioritized and an exploration program prepared for 1998.

July, 1998

Edward W. Craft, P. Eng.

COST STATEMENT

1. Assays			
- 188 rock samples	@ $16.11	$ 3,029.00	
- 367 soil samples	@ $10.00	3,670.00	
- 126 ICP	@ $ 6.00	756.00	$ 7,455.00
2. Bulldozing, Trenching & Road Contruction			
- 966 C Cat Loader	98 hrs. @ $110.00	10,780.00	
- Peterbilt Dumptruck	141 hrs. @ $60.00	8,460.00	
- 930 Cat Loader	39 hrs. @ $75.00	2,925,00	
- D8 Cat Tractor	97 hrs. @ $145.00	14,065.00	
- Hitachi 200 Excav.	393 hrs. @ $125.00	49,125.00	
- Site Personnel			
- C. Craft, K. Craft & P. Johnston	- June 21-Sept. 17 - 89 days @ $109 x 3	29,328.40	
- M. Marshall	- June 27-Sept. 17 - 55 days @ $108	5,962.14	120,645.54
3. Surface Drilling			
- B Zone			
- 8 holes	1,894 ft. @ $22.15	41,952.50	
- Black gossan			
- 9 holes	2,157 ft. @ $24.27	52,360.00	94,312.50
4. Geology			
- Consultants			
- N. Carter	- Feb. 9,10 & Sept. 20 - 2.83 days @ $400.	1,132.80	
- B.E. Spencer	- July 15-16, Sept.6-8 - 6 days @ $350.	2,100.00	
		3,232.80	
- Field Contractor			
- G. Mowatt	- June 3 - Oct. 2 - 122 days @ $209	25,550.00	
- Senior Supervision			
- E.W. Craft	- Jun.21-Aug.16 & Sept. 8-17 - 67 days @ $188	12,644.40	41,427.20
5. Communications			3,216.54
6. Maps, Reports			248.39
7. Shipping & Freight			855.10

COST STATEMENT (cont'd)

8. Field Supplies			848.31
9. Board & Lodging			
- June 21 - Sept. 17	89 days x 5 = 445		
- Sept. 18 - Oct. 2	14 days x 1 = 14		
	459 days@$57.50/day		26,394.11
10. Transportation			
- On Site	4 x 4 x 3.5 mos.	3,290.00	
- To/From Site		6,816.63	10,106.63
TOTAL COSTS - EXPLORATION			**$305,509.32**

STATEMENT OF QUALIFICATIONS

I, Edward W. Craft, of the City of Castlegar, in the Province of British Columbia hereby certify as follows:

1) I am a Mining Engineer residing at 1070 Bridgeview Crescent, Castlegar, British Columbia V1N 3H7.

2) I am a registered Professional Engineer of the Province of British Columbia.

3) I am a graduate of the University of British Columbia with a degree of B.A. Sc. (Mining) (1963).

4) I have practised my profession as a Mining Engineer for more than thirty years.

5) I have personally been on the property and directed the exploration program started on June 5, 1997 and completed on September 30, 1997.

Date Nov. 8/98

Edward W. Craft, P. Eng.

STATEMENT OF QUALIFICATIONS

I, William A. Howell, of the City of Surrey, in the Province of British Columbia hereby certify as follows:

1) I reside at and conduct a geological consulting practice at 15294 96-A Avenue, Surrey, British Columbia V3R 8P5.

2) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Reg. No. 20440).

3) I am a graduate of the University of British Columbia and hold a Bachelor of Science Degree (1971).

4) I have practised my profession in mineral exploration on a full time basis for over twenty-seven years, having worked in northern and western Canada, western U.S.A., Mexico and Panama, in diverse geological and physical environments.

5) The drill core, pertaining to this report, was logged at the property between June 1 and June 21, 1998.

6) I own no interest, financial or otherwise, in the mineral claims owned or operated by, or in Sable Resources Ltd. nor do I expect to receive any such interest.

7) I consent to the use of the drill logs in any report by Sable Resources Ltd. as may be required for filing by any securities exchange, regulatory body or governmental agency or ministry.

Sept. 28 1998
Date

William A. Howell, P. Geo.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
W. A. HOWELL
GEOSCIENTIST

REFERENCES

Delancey, Peter R., (1989): 1989 Exploration Report on the Chappelle Property; a report for Multinational Resources Inc.

Holbek, P.M., (1989): 1988 Exploration Report on the Shasta Claim Group; an in house report for Esso Minerals Canada Ltd.

Marsden, H.M., Moore, J.M., (1988): Geological Fieldwork, Paper 1989-1.

Marsden, H.M., and Moore, J.M., (1990): Stratigraphic and Structural Setting of the Shasta Silver-Gold Deposit, North-Central, B.C.; B.C.E.M.P.R. Geological Fieldwork 1989, Paper 1990-1, pp. 305-314.

Panteleyev, A., (1982): Geology Between Toodoggone and Sturdee Rivers, B.C.; B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1982, Paper 1983-1, pp. 143-148.

Schroeter, T.G., (1982): Toodoggone River, B.C.; B.C. Ministry of Energy, Mines ad Petroleum Resources, Geological Fieldwork 1981, Paper 1982-1, pp. 122-133

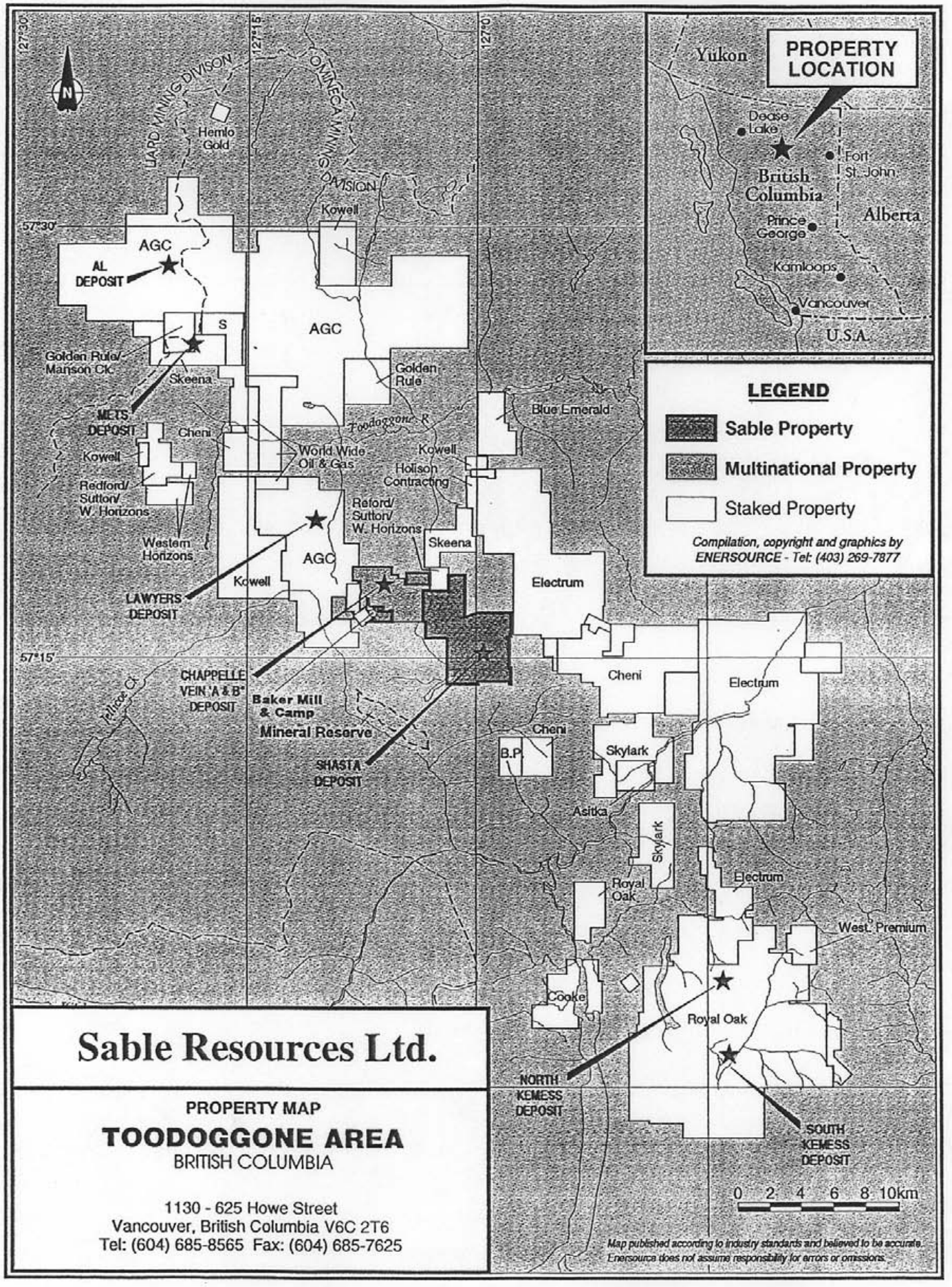

PROPERTY LOCATION
Yukon
Dease Lake
Fort St. John
British Columbia
Alberta
Prince George
Kamloops
Vancouver
U.S.A.
LEGEND
Sable Property
Multinational Property
Staked Property
Compilation, copyright and graphics by ENERSOURCE - Tel: (403) 269-7877
LARD MINING DIVISION
OMINECA MINING DIVISION
Hemlo Gold
Kowell
AGC
AL DEPOSIT
S
Golden Rule/ Manson Ck.
Skeena
METS DEPOSIT
Cheni
Kowell
Redford/ Sutton/ W. Horizons
Western Horizons
Golden Rule
Toodoggone R.
Blue Emerald
World Wide Oil & Gas
Holison Contracting
Reford/ Sutton/ W. Horizons
Skeena
Electrum
LAWYERS DEPOSIT
CHAPPELLE VEIN 'A & B' DEPOSIT
Baker Mill & Camp
Mineral Reserve
SHASTA DEPOSIT
Cheni
Electrum
B.P
Skylark
Asitka
Royal Oak
West Premium
Cooke
NORTH KEMESS DEPOSIT
SOUTH KEMESS DEPOSIT
0 2 4 6 8 10km
Map published according to industry standards and believed to be accurate. Enersource does not assume responsibility for errors or omissions.
Sable Resources Ltd.
PROPERTY MAP
TOODOGGONE AREA
BRITISH COLUMBIA
1130 - 625 Howe Street
Vancouver, British Columbia V6C 2T6
Tel: (604) 685-8565 Fax: (604) 685-7625

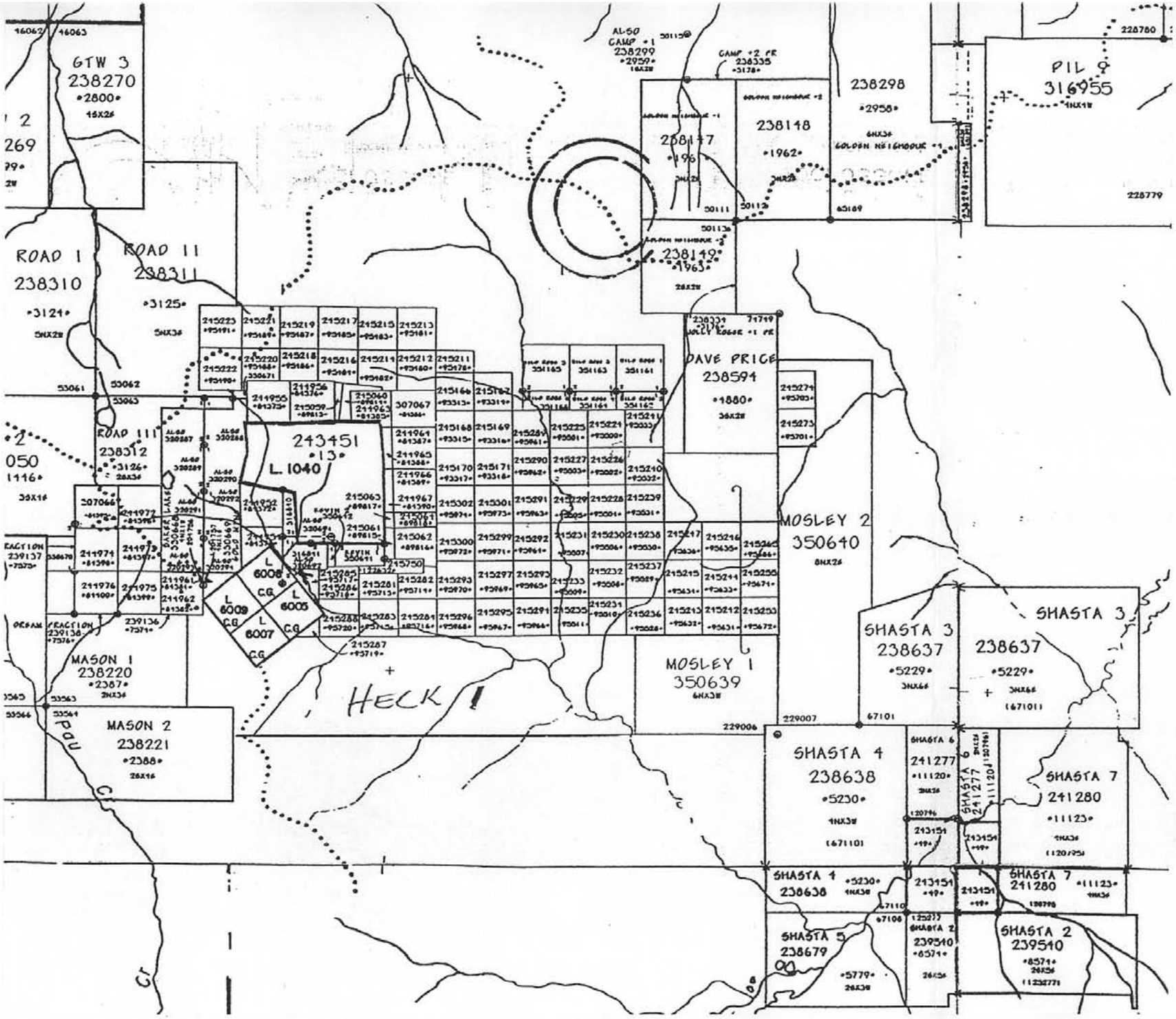
Figure 1

Sable Resources Ltd.

PROPERTY MAP

TOODOGGONE AREA

BRITISH COLUMBIA



LEGEND

- O Sable Resources Ltd.
- O Multinational Mining Inc.

MINERAL TITLES REFERENCE

MAP 094E06E

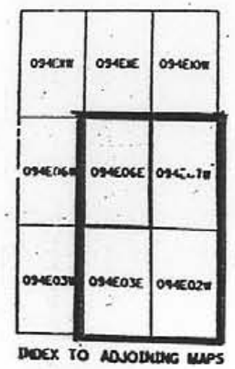
U.T.M. ZONE 9

LAST MAP UPDATE: 1996 NOV 21

ORIGINAL PRODUCED AT 1:31680

METRES

500 0 500 1000 1500 2000



094E06E

Figure 2

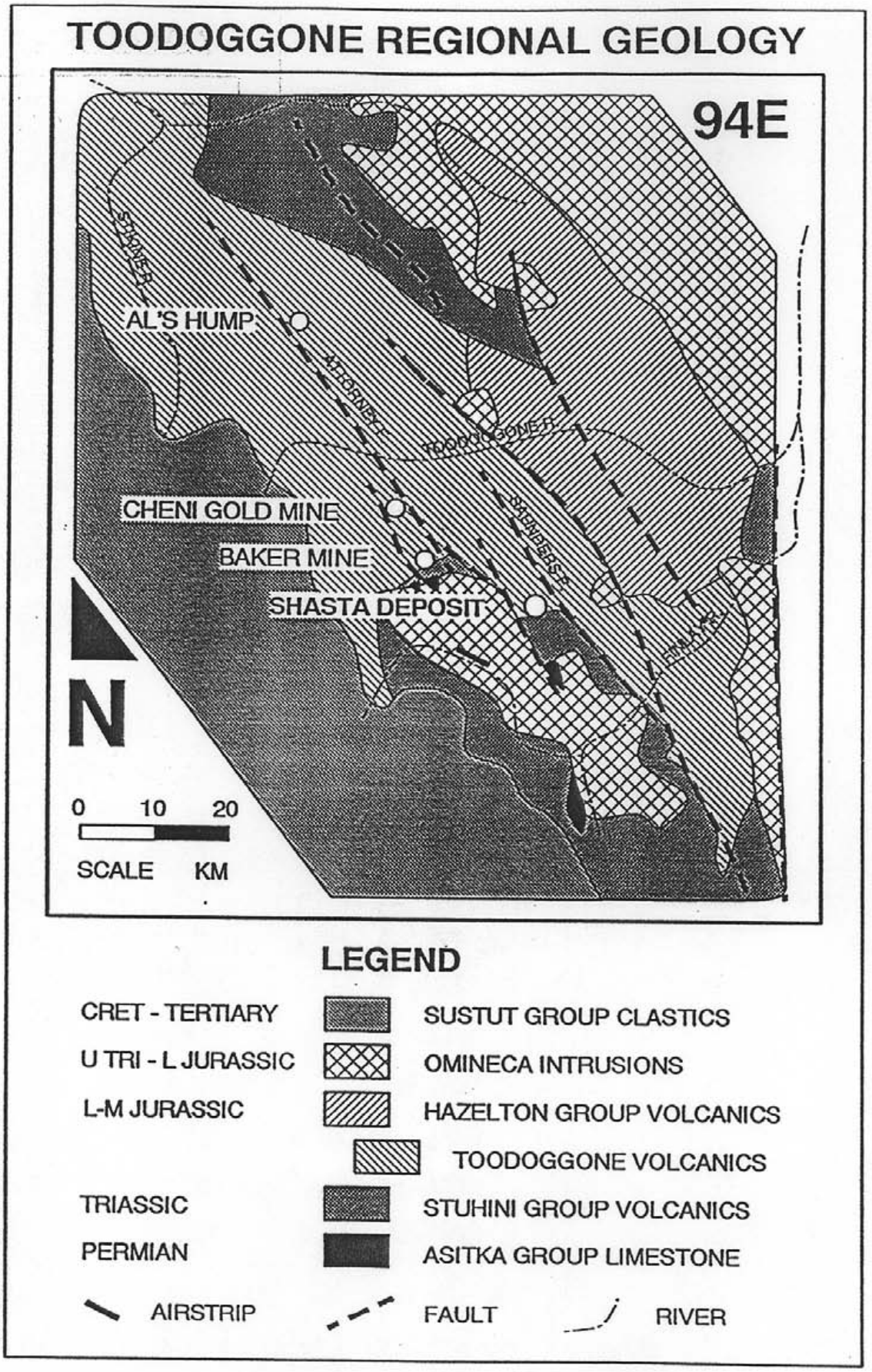
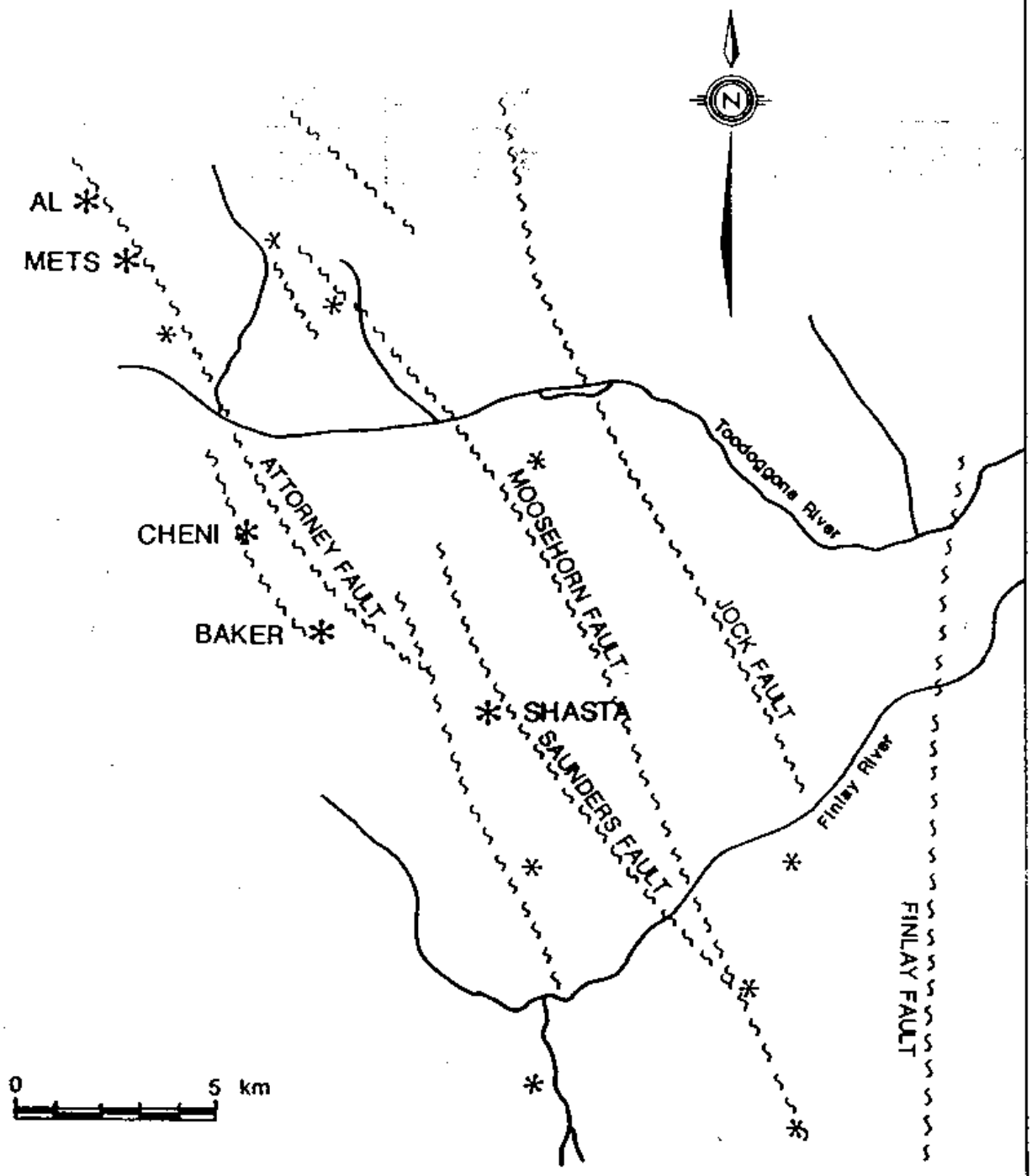

TOODOGGONE REGIONAL GEOLOGY
94E
AL'S HUMP
CHENI GOLD MINE
BAKER MINE
SHASTA DEPOSIT
N
0 10 20
SCALE KM
LEGEND
CRET - TERTIARY
U TRI - L JURASSIC
L-M JURASSIC
TRIASSIC
PERMIAN
AIRSTRIP
SUSTUT GROUP CLASTICS
OMINECA INTRUSIONS
HAZELTON GROUP VOLCANICS
TOODOGGONE VOLCANICS
STUHINI GROUP VOLCANICS
ASITKA GROUP LIMESTONE
FAULT
RIVER
by P. Thiersch after Vullmuri et al. 1986.

Figure 3



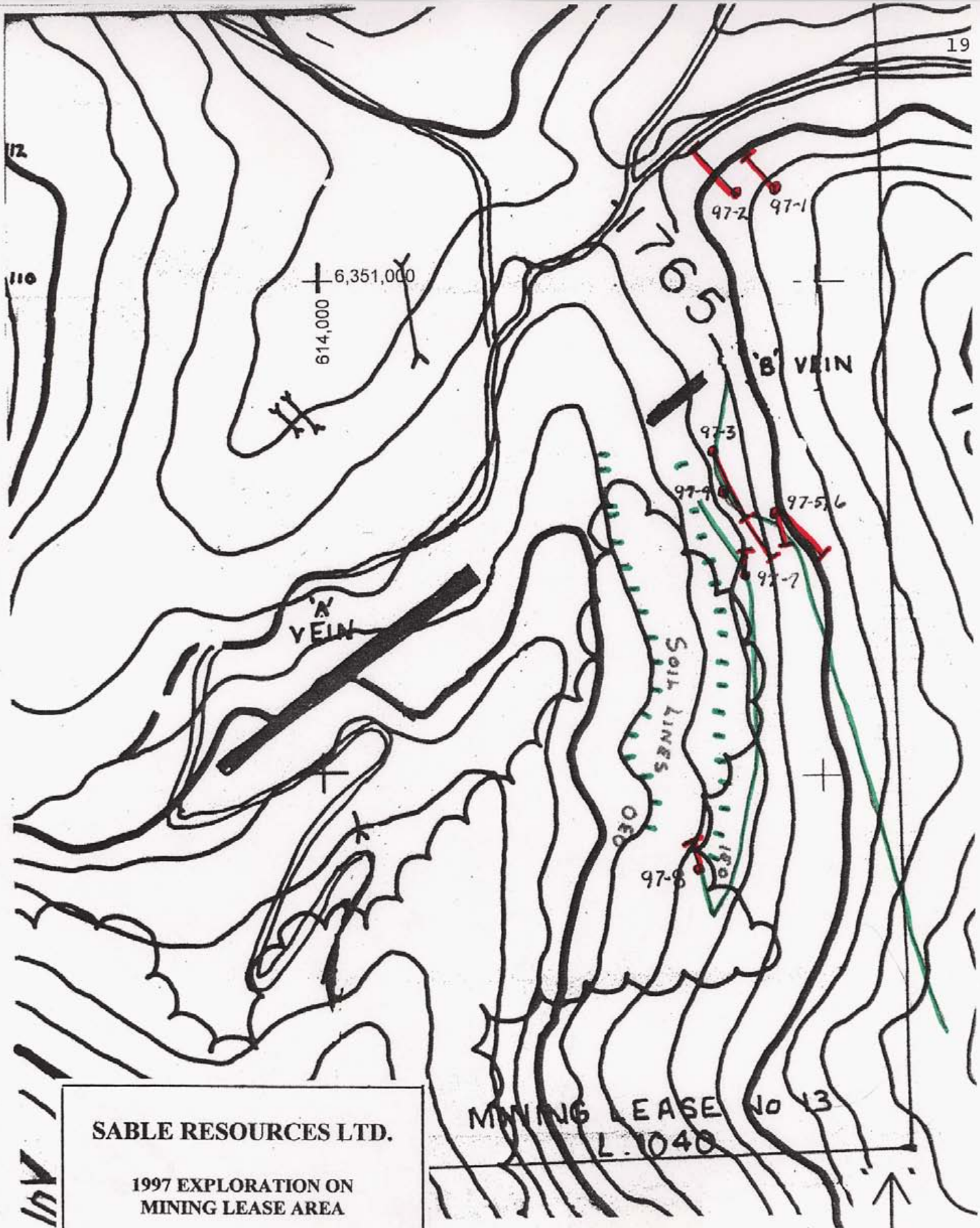
Sable Resources Ltd

TOODOGGONE AREA

Mineral Deposits and Regional Faults of the Toodoggone District

DRAWN	DATE	NTS	
MDM	11/90	94E/2,3	

Figure 4



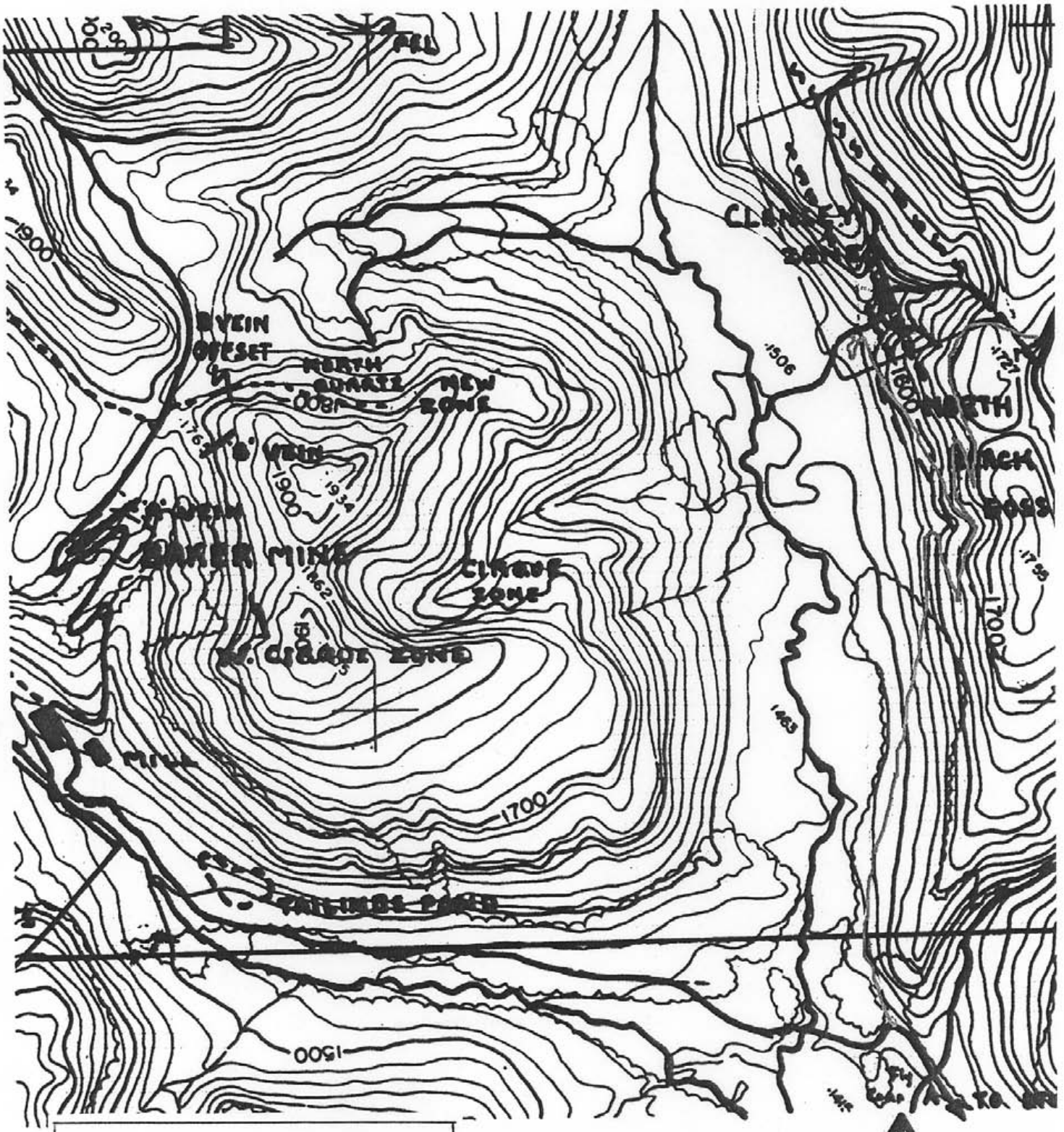
SABLE RESOURCES LTD.

1997 EXPLORATION ON MINING LEASE AREA

Road Cuts, Geochemistry Grid & Diamond Drill Hole Locations

Scale 1:5000

Figure 5



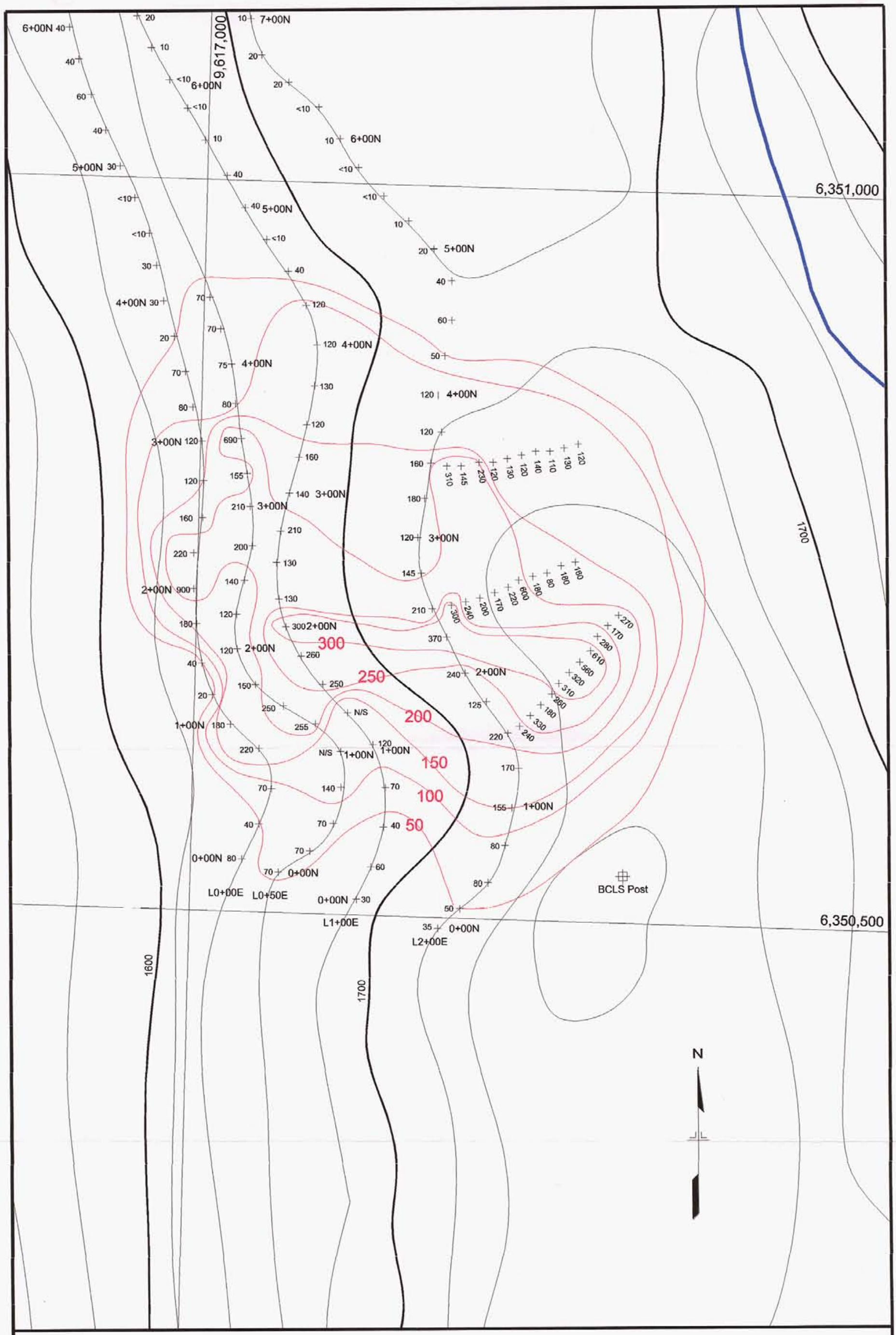
SABLE RESOURCES LTD.

1997 EXPLORATION PROGRAM
NORTH BLACK GOSSAN AREA

Access Road

Scale 1:20000

Figure 6



Drawn by EWC

July 1998

+ Soil Sample Site

SABLE RESOURCES LTD.

NORTH BLACK GOSSAN AREA

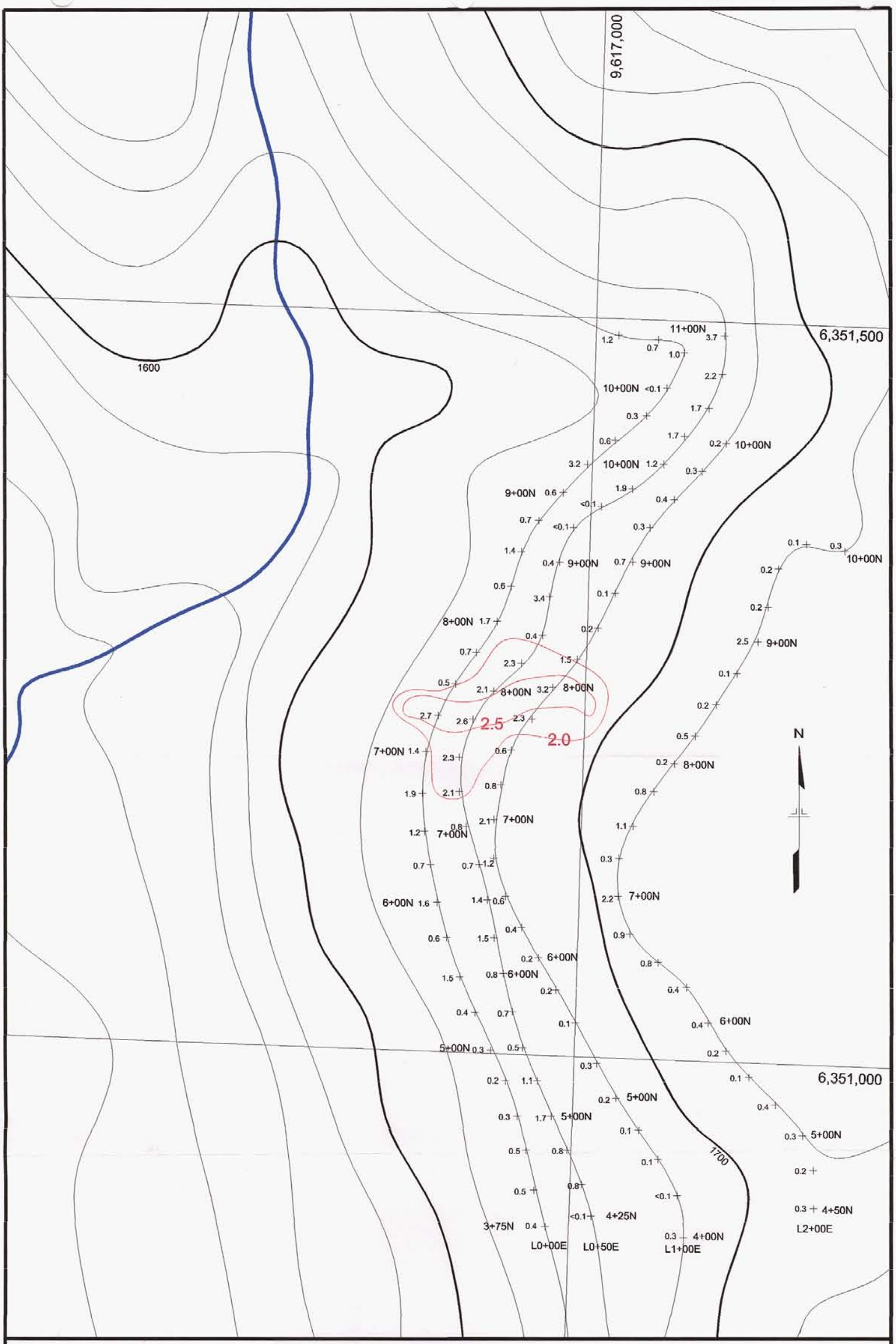
Gold Anomaly in PPB

FIGURE 7

Scale 1:2500

Ref: NTS No 94E6

UTM Coordinates



Drawn by EWC

July 1998

\+ Soil Sample Site

SABLE RESOURCES LTD.

NORTH BLACK GOSSAN AREA

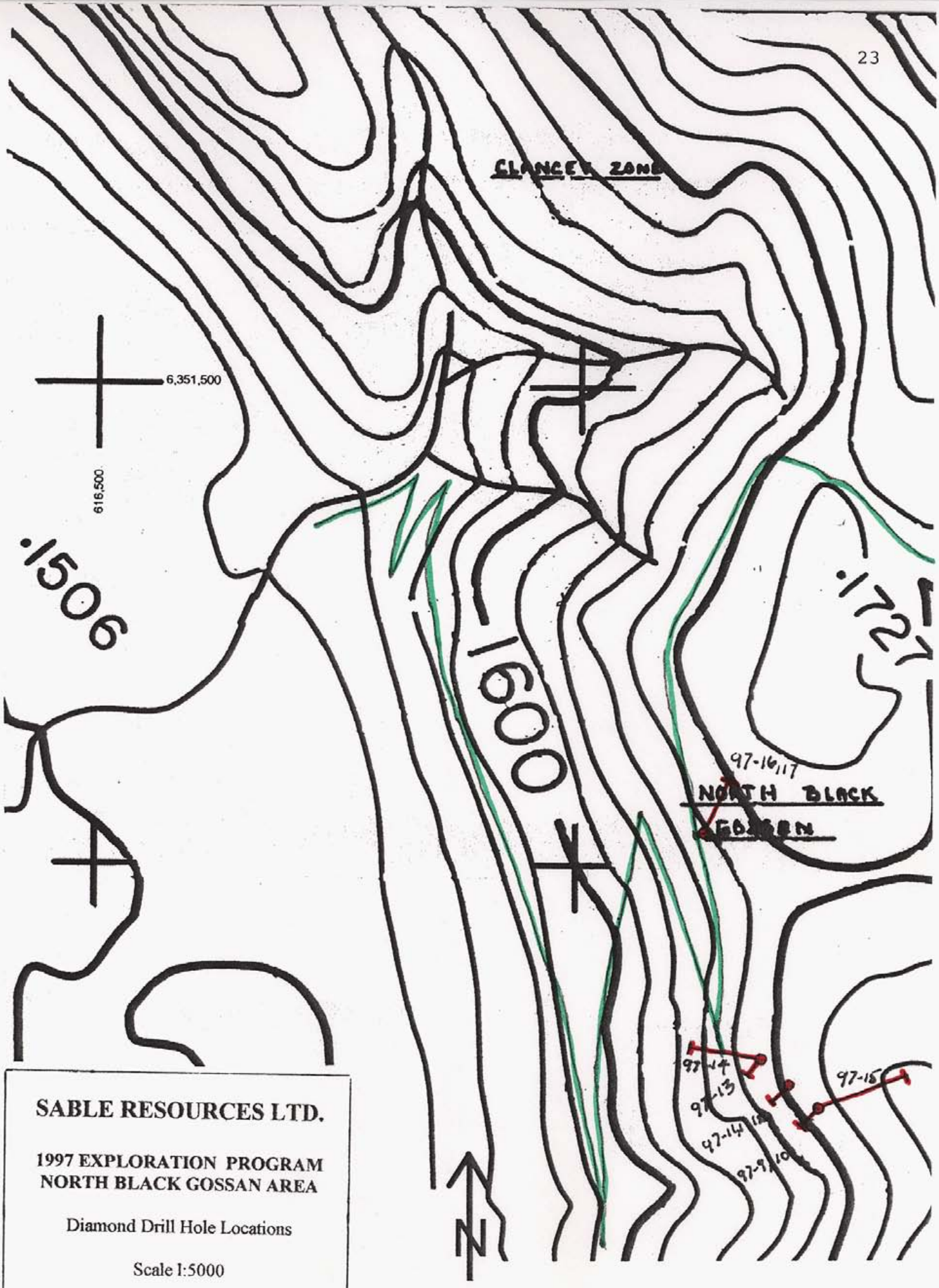
Silver Anomaly in PPM

FIGURE 8

Scale 1:2500

Ref:NTS No 94E6

UTM Coordinates



SABLE RESOURCES LTD.

1997 EXPLORATION PROGRAM
NORTH BLACK GOSSAN AREA

Diamond Drill Hole Locations

Scale 1:5000

Figure 9

APPENDIX I

DIAMOND DRILL RECORD

PROPERTY CHAPELLE - B ZONE HOLE No. 97-01 P 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-01 Sheet No. 1
Section
Date Begun JUNE 29/97
Date Finished JUNE 30/97

Lat. 2424
Dep. 12423
Bearing AZ 320 -45°
Elev. Collar

Total Depth 62.6 m
Logged By W.A HOWELL
JUNE 1998

DEPTH M.	Recy	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
0 - 4.5	0%	0 - 4.5 OVERBURDEN		
4.5 - 5.18	95	4.5 - ~~16.8~~ AUGITE (H_b) PORPHYRITIC ANDESITE		
5.18 - 8.23		VARIABLY DARK CHLORITIC TO PALE SERICITIC ALT'D.		
8.23 - 11.28		AUGITE PHENOCRYSTS ARE BOTH PRIMARY & SECONDARY,		
14.33		1° AUGITE (H_b) IS BOTH PALE GREEN CHL/SER. ALT'D		
17.38		2° AUGITE PHENOS ARE COMMONLY DARKER EUHEDRAL		
20.43		GROWTHS ALT'D TO CHL. ROCK IS MODERATELY		
23.48		FRACTURED TO RUBBLE AND IS THE MOST		
26.52		COMPETENT ROCK IN THE BOXES.		
29.57		FRACTS ARE 0-90°, COMMONLY 30-60°,		
36.62		DARK RUSTY, W. OCC PY. PY IS ALSO		
35.67		MINOR DISS IN THE ANDESITE.		
		12.1 - 13 INCREASED RUBBLE & RUSTY YELLOW		
		CLAY GOUGE ON FRACTS 20 - 45° TO C.A.		
		15.0 - 15.8 RUBBLE INCLUDES PINK MONZONITIC		
		OR DACITIC DIKE ROCK, INCREASED PY ON FRACTURES		
		16.8 - 24.6 RUBBLE - CLAY GOUGE - MIXED DACITE		
		& ALT'D ANDESITE, RUSTY YELLOW CLAY, MINOR PY.		
		OCC. FERRICRETE BX WITH DACITIC FRAGS		
		FRACTS & SHEAR PLANES 30° TO C.A.		

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-01

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-01 Sheet No. 2 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By WAH

DEPTH	Rec'y	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
23.48 - 26.52		24.6 - 26.1 FELD. PPY DACITE (FPD) STRONGLY BROKEN						
29.57		DARK BROWN LIMONITIC FRACTURES, YELLOW CLAY ± PY						
36.62		STRONG CLAY RUBBLE ON CONTACTS						
35.67		26.1 - 27.3 AUGITE PPY ANDESITE (APA) - RUBBLE						
		ON CONTACTS						
		27.3 - 29.1 FELD PPY DACITE (FPD)						
		CONTAINS MINOR APA INCLUSIONS						
		29.1 - 40.3 RUBBLE & FERRICRETE CEMENTED RUBBLE						
		40.3 - 42.28 APA WITH MINOR FPD						
		42.28 - 59.85 RUBBLE - MIXED APA & FPD						
		VERY RUSTY FRACTURES & CEMENT.						
		LIMONITE / FERRICRETE GOUGE 53-55' @ 55°-75° to C.A.						
		MIXED APA & PINK FPD 55-59.85						
		59.85 - ~~203.90~~ 62.16 CLAY / CHL RUBBLE						
		& SMALL CHUNKS OF APA						
		62.16 - 62.26 FPD - SINGLE CLAST?						
		62.26 - [illegible]						

Rec'y ~ good, 90-100% WITH LOSSES IN STRONG RUBBLE & CLAY ZONES WITH DEPTH, REC'Y IS GENERALLY CLOSE TO 100%. PARTICULARLY IN FPD-CRETE.

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-01

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No..... Sheet No.....
Section.....
Date Begun.....
Date Finished.....

Lat.....
Dep.....
Bearing.....
Elev. Collar.....

Total Depth.....
Logged By.....

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
	— COMMENTS — HOLE 97-01						
	THE ENTIRE HOLE APPEARS TO BE IN A						
	SHEARED & BROKEN CONTACT ZONE BETWEEN						
	DARK GREEN APA & PINK, SOMETIMES PORPHYRITIC						
	DACITE, LOCAL SECTIONS OF ONE OR THE						
	OTHER ARE LIKELY LARGER CLASTS, YELLOW						
	CLAY ± FER-CRETE MATRIX IS UBIQUITOUS.						
	OCC CLAY GOUGE ALSO CONTAINS PYRITE -						
	2 SPECIES OF PYRITE ARE OBS. - YELLOW &						
	RARELY WHITE OR STEELY COLOURED. (NOT ASPY)						
	NO Cu MINERALS OBS. BUT MAY BE PRESENT						
	IN VERY MINOR AMOUNTS						
	MINOR ~~ARE~~ GREY/BLUE QTZ FLOAT						
	OCCURS NEARBY TO DDH 97-01 AND						
	OCC. FLOAT BOULDER OF SILICIFIED QTZ.						
	PEBBLE CONGLOMERATE, o/c OF ANDESITE						
	& FPD OCCUR ON THE WESTERN SIDE OF						
	"THE PASS" AT THE HEAD OF ADIT CIR, ABOUT						
	200 m W OF THE COLLAR OF DDH 97-01						
	- WAH.						

DIAMOND DRILL RECORD

PROPERTY CHAPELLE B-ZONE HOLE No. 97-02 P.1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-02 Sheet No. 1
Section
Date Begun JUNE 30/97
Date Finished JULY 1/97

Lat. 2426
Dep. 12423
Bearing 320 -45

Total Depth 82.32 m.
Logged By W.A. NOWELL
JUNE 01 1998

DEPTH M.	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
0 - 10.06	OVERBURDEN		
10.06 - 26.68	ANDESITE -		
	10.06 - 15.24 VERY BROKEN & RUSTY WITH		
	STRONG ORANGE - YELLOW & BLACK (Mn_2O_2) OXIDES		
	ONLY FROM HS-50 CAN ROCK BE IDENTIFIED.		
	15.24 - 26.52 WELL BROKEN, DIMINISHING OXIDATION		
	ANDESITE IS FRACTURED & LOCALLY K-SPAR ALT'D.		
	RANDOM WHITE CARBONATE STRINGERS EVIDENT IN "COMPETENT"		
	SECTIONS. - PYRITE WITH FRACTURES, ORIGINAL		
	TEXTURE MAY BE LAPILLI TUFF		
	T.S. # 1%		
26.52 - 41.46	FELDSPAR - AUGITE PRY - ANDESITE		
	ROCK BECOMES LIGHTER COLOUR, LOSES		
	THE CARBONATE VEINING AND DEVELOPS A		
	WEAK FELD. PRY OCC. AUGITE PHENOCRYSTS.		
	MATRIX & AUGITE ARE CHL ALT'D & FELDS		
	ARE CHALKEY. OCC FRACTURES SUB ∥ TO		
	C.A ARE RUSTY WITH PYRITE & CLAY.		
	THIS ROCK IS DISTINCTIVE FOR ITS LACK OF CARB.		
	CORE IS VERY BROKEN WITH LOCAL COMPETENT SECTIONS		
	OCC FRACTURES ARE COATED WITH VERY FINE		

DIAMOND DRILL RECORD

A. 2

PROPERTY .....

HOLE No. 97-02

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-02 Sheet No. .....
Section .....
Date Begun .....
Date Finished .....

Lat. .....
Dep. .....
Bearing .....
Elev. Collar .....

Total Depth .....
Logged By W.A Howell
June 01 1998

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
26.52 - 41.46	CONT'D (40.85)		
	PINK ZEOLITE (?) INTERGROWN WITH SELENITE		
	FRACTURES COMMONLY HAVE A DIRTY KHAKI BROWN -		
	GREEN COLOUR, IN PART DUE TO EPIDOTE(?) MIXED		
	WITH FINE LUSTROUS BLACK SPECKS (MnO_2 ?)		
	AND Fe OXIDES.		
	STRONG SHEAR @ 41.46, WITH INCREASED		
	LOCAL FRACTURING & LIMONITIC STAINING,		
	IS CONTACT @ ~30° TO C.A		
41.46 - 51.83	FELD. Hb PPY DACITE (FHP) ROCK IS PINK COLOUR		
	WITH DISTINCT PINK ORTH. PHENOS & CHLORITIZED		
	RELICT Hb. CORRODED OUTLINES OF SAUSSERITIZED		
	PLAG. WEAK FO ON FRACTS. F.G. BLACK		
	SPECKS ARE MnO_2(?) GRANULAR, SPARSE		
	PINK MINERAL ON FRACTURES AND THROUGHOUT THE ROCK		
	LOOKS LIKE RHODOCHROSITE BUT NO FIZZ. PINK ZEOLITE(?).		
	OXIDIZED LOCAL FRACTS HAVE BLACK COATINGS.		
	OCC HAIRLINE FRACTS HAVE		
	VVfg SULPHIDES. ROCK EXHIBITS CHILLING		
	TOWARDS BOTTOM CONTACT.		

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-02

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-02 Sheet No. .....
Section .....
Date Begun .....
Date Finished .....

Lat. .....
Dep. .....
Bearing .....
Elev. Collar .....

Total Depth .....
Logged By W.A. Nowell
June 01 '98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
41.46 - 51.83	CONT'D.		
	ORTH OCLASE REMAINS DISTINCT PINK		
	Hb. DIMINISHES IN SIZE, PLAG RELICTS REMAIN		
	GROUND MASS BECOMES FINER GRAINED.		
51.83 - (205) 62.5	ANDESITE - FRAGMENTAL. INCLUDES ~ 40%		
	CLASTS OF PINK DACITE (FNP), ANDESITE IS STRONGLY		
	CHLORITIZED. UPPER CONTACT IS LOST		
	IN LOCAL RUBBLE, 20° (?) to C.A		
	FRACTS ARE COMMONLY LIMONITIC.		
	VERY LOW SULPHIDE CONTENT.		
62.5 - 82.32	ANDESITE. VERY BROKEN, RUBBLE,		
	LACK OF PINK DACITE AND DEGREE OF		
	FRACTURING DISTINGUISHES FROM ABOVE.		
	LOCALLY QTZ & PYRITE ON FRACT FACES		
	211 - 217 = 50% REC'Y		
	217 - 227 80% REC'Y		
	227 - 237 50% REC'Y		
	OCC SMALL, fg. PINK DACITE DIKE CARRIES		
	3-5% PY, ie @ 72.4		
	[illegible]		

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-08

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. .....
Section .....
Date Begun .....
Date Finished .....

Lat. .....
Dep. .....
Bearing .....
Elev. Collar .....

Total Depth 82.32 m
Logged By W.A NOWELL

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
82.50 - 82.32	CONT'D						
	ONLY 10% RECY FROM 81.4 — 82.32						
	ROCK IS CHILLED FHP WITH FRACTURE SULPHIDES.						
	Hb PHENOS ARE STRONGLY CHLORITIZED.						
	PLAG HAS PINK/ORANGE RIMS. (Fe OXIDES?, ZEOLITE?)						
	ORTH. APPEARS UNCHANGED.						
	FRACTS HAVE ± FINE CLOTS OF MnO_2(?)						
	- THIS ROCK MAY BE CONTACT PHASE OF						
	INTRUSIVE. LAST ROCKS IN THE BOX ARE						
	COARSER GRAINED FHP.						
	270' = 82.32 m E.O.H.						
	IN THIS HOLE AND HOLE #1, DRILLERS						
	APPEAR TO HAVE PLACED BLOCKS EVERY 10'						
	INDEPENDENT OF THE RUN LENGTH. EVEN IN						
	BROKEN RUBBLE CORE.						

DIAMOND DRILL RECORD

PAGE 1

PROPERTY .....

HOLE No. 97-03

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-03 Sheet No. 1

Section .....

Date Begun JULY 2/97

Date Finished JULY 3/97

Lat. 2244

Dep. 1240.4

Bearing 156° / ~~dip~~ -45°

Elev. Collar .....

Total Depth 101.5

Logged By W.A. HOWELL

JUNE 02/98

REC'D ON BACK OF THIS PAGE

DEPTH M	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
0 – 11.2	OVERBURDEN & CASING.		
11.2 – 38.72	AUGITE PPY ANDESITE CHL/ARG ALT. MODERATE TO WELL BROKEN. LIMONITIC FRACT TO 16°. DARK GREEN TO KHAKI OCC CARB STRINGERS. AND IS PARTLY LAMILLI CARBONATE FILLED NARROW SHEARS ARE 20° TO C.A. 32 – 32.62 GREY CLAY/CARB GOUGE WITH vfg PY. 50° to C.A		
38.72 – 61	GREY ANDESITE, QSP ALTERATION. FRAGMENTAL, VARIABLY SILICEOUS W DISTINCTIVE QTZ & PALE CREAM COLOURED FRAGS TO 2 cm. AUGITE PHENOS PERSIST. TO ABOUT 150 44.21 – 44.64 INCREASED QTZ & CLAY 44.66 CLAY GOUGE 15° TO C.A. 46.65 20 cm of CLAY GOUGE 50° TO C.A 50.0 – 50.91 INCREASED QTZ & CLAY, 50.30 CLAY GOUGE 20° TO C.A. <1% PY PRESENT. INCREASED SILICA WITH DEPTH & DECREASED CARB. SINCE 127		

97-03

Rec'y m	Rec'y FT.	Blocks	Measured	% Rec'y
11.78	0 - 37			
		1		10%
14.33	47			
		6		60%
17.38	57			
		9		90
20.42	67			
		10		100
23.48	87			
		10		100
26.52	87			
		12		120
29.57	97			
		7		70
32.62	107			
		4.3		43
35.67	117			
		9.3		93
38.72	127			
		10		100
41.77	137			
		7.9		79
44.82	147			
		8.4		84
47.86	157			
		8.8		88
50.91	167			
		10.0		100
53.96	177			
		10.2		102
57.01	187			
		9.6		96
60.06	197			
		10.0		100
63.11	207			
		8.6		86
66.16	217			
		10.0		100
69.21	227			
		10.6		106
72.26	237			
		9.4		94
75.30	247			

Block		Measured	% Rec'y
78.35	257		
		9.4	94
81.40	267		
84.45	277		

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97 - 03

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-03 Sheet No. 2 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth.....

Logged By W.A. NOWELL

JUNE 02/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
38.72 – 61.0	CONT'D.						
	50.91 - 51.2 CLAY GOUGE 45° TO C.A.						
	56.95 - 57.07 BROKEN, INCREASED CLAY						
	PYRITE CONTENT THROUGHOUT THE CORE						
	ALTERATION RUNS ABOUT ~5%						
61.0 – 74.27	ANDESITE. PINK & GREEN COLOURS						
	FROM PINK, ZEOLITES & ORTHOCLASE & EPIDOTE						
	ORTH. ON DOC. QTZ STRINGER MARGINS AND						
	AS FLOODED PATCHES						
	EPIDOTE AS VEINLETS AND FLOODED PATCHES						
	DARK GREY HOST IS STRONGLY SER/QTZ ALTD						
	PY IS NOT STRONG. EXCEPT LOCALLY						
	AFTER 66 m, EP DIMINISHES						
	ORTH CONTINUES AND						
72.8	LOSES PINK COLOUR - QV's INCREASE						
	IN No & SIZE SEVERAL ARE 1-3 CM WIDE						
	AND EXHIBIT WEAK BANDING (MULTIPLE EVENTS ?)						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-03

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-03 Sheet No. 3
Section.....
Date Begun.....
Date Finished.....

Lat.....
Dep.....
Bearing.....
Elev. Collar.....

Total Depth.....
Logged By W.A. HOWELL
JUNE 02/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
61.0 - 74.27	CONT'D - ANDESITE - SILICIFIED, MULTIPLE QV TO 3cm.		
	@ 73.0 PINK AU SMEARED ON FRACTURE FACE ~35° TO C.A.		
74.27 - 76.33	QUARTZ VEIN - LOCALLY PYRITIC, CLOTS OF SPECULAR HEMATITE ARE INTERGROWN WITH PYRITE		
76.33 - 101.5	ANDESITE - EPIDOTIZED & ZEOLITED (PINK) + SOME ORTHOCLASE, PY IS ~<1%, MINOR CPY PRESENT. POSSIBLE VG ON HAIRLINE QV @ 86.0 ANDESITE IS FRAGMENTAL, & GIVES A MOTTLED APPEARANCE.		
	@ 83.5, (*) ~~AU~~ IS SMEARED (ARTIFICIALLY) LIGHTLY ON THE CORE FOR 10 cm - ORIGINS UNKNOWN		
	@ 84.85 GOUGE SEAM 2 cm, 35° TO C.A		
	86.4 - 86.7 SMALL SHEAR ZONE 45° TO C.A.		
	@ 87.3 2 cm GOUGE @ 50° TO C.A.		
	CLASTS ARE GENERALLY DARKER WITH EPIDOTE ON FRACTURES BLEACHING & "PINKING" OCCURS ALONG THE FRACTURE MARGINS AND INTO SOME CLASTS		

(*) Not Au - WAH

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-03 P 04

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-03 Sheet No. 4 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By W A NOWELL
JUNE 03/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
76.33 - 101.5	CONT'D						
	90.35 SHEAR 10° TO CA SLICKS @ 30° PLUNGE.						
	92 SIMILAR						
	93.6 - 94 STRONG QTZ & EP WITH 2 QV 1.5cm & 2cm @ 45° to C.A. LOCAL T.S ≈ 1%						
	98.6 SIMILAR, LESS QTZ						
	101.5m / 333 ft. E.O.H						
	COMMENTS						
	THE ALTERATION (EP + QTZ + ORTH) DIMINISHES FROM THE QV @ 75 m ROCK IS GENERALLY MORE COMPETENT WITH DEPTH AND ANDESITE IS LESS FRAGMENTAL DISTALLY TO THE Q.V.						

DIAMOND DRILL RECORD

PROPERTY SABLE / CHANDELLE / B ZONE

HOLE No. 97-04 Page 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. 1
Section
Date Begun JULY 3/97
Date Finished JULY 4/97

Lat. 2215
Dep. 17416.5
Bearing 149° /-45°
Elev. Collar

Total Depth 108.23
Logged By W.A. HOWELL JUNE 03/98

REC'Y ON BACK OF THIS SHEET.

DEPTH (m)	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
0 - 4.54	OVERBURDEN & CASING						
4.54 - 8.7	ANDESITE STRONG QUARTZ-SERICITE ALT'N.	111501			0.004	TR	
	ROCK IS VERY BROKEN - POOR REC'Y						
	OCC QTZ FRAG IN THE BOX						
8.7 - 16.9	QTZ VEIN MIXED WITH INTENSE QTZ/SER ALT'N 'GOUGE'						
	@ 10° TO C.A. POOR REC'Y (SEE OVER), MOSTLY						
	QTZ/SER RUBBLE & 'GOUGE' + MINOR ANDESITE						
	RUBBLE MAY REPRESENT EPITHERMAL ZONE WITH						
	LITTLE MOVEMENT ON 'GOUGE' ZONES.						
16.9 - 19.75	ANDESITE						
	16.9 - 19.26 MOD TO STRONG QTZ/SER ALT'N						
	19.0 - 19.75 STRONGLY BROKEN & RUBBLE						
19.75 - 20.7	QTZ VEIN VERY LITTLE MATERIAL IN BOX	111502			0.019	TR	
	QTZ IS BLUE GREY COLOUR, VUGGY/SINTER WITH						
	5-10% PY. UPPER & LOWER CONTACTS @ 45° TO C.A.						
20.7 - 22.66	ANDESITE STRONG TO LOCALLY INTENSE						
	QTZ/SER ALT'N, GOUGE SEAMS @ 21 - 22.30						
	CARB VEINLET/FRACT ZONE @ 22.3 - 22.66 45° TO C.A.						

RECOVERY
97-04

Block (m)	Block (ft)	Measured ft.	Rec'y	
0		2.1	12%	
5.18	17	1.5	15%	
8.23	27	3.7	37%	
11.28	37	1.7	17%	
14.33	47	3.4	34%	
17.38	57	5.7	57%	- ABOUT 4' OF QV LOST
20.43	67	8.7	87%	- ABOUT 1' OF QV LOST
23.48	77	7.9	79%	
26.52	87	9.8	98%	
29.57	97	10.3	103%	
32.62	107	10.3	103%	
35.67	117	11.0	110%	
38.72	127	9.8	98%	
41.77	137	10.0	100%	
44.82	147	10.0	100%	
47.86	157	10.0	100%	
50.91	167	10.0	100%	
53.96	177	10.0	100%	
57.01	187	10.0	100%	
60.06	197	10.0	100%	
63.11	207	10.0	100%	
66.15	217	10.0	100%	
69.21	227	10.0	100%	
72.25	237	10.0	100%	
75.30	247	10.0	100%	
78.35	257	10.0	100%	
81.40	267	9.7	97%	
84.45	277	8.7	87%	
87.50	287	9.4	94%	
90.55	297	11.10	111%	
93.60	307	9.8	98%	
96.65	317	9.4	94%	
99.70	327	10.3	103%	
102.74	337	8.0	80%	
105.79	347	8.4	105%	E.O.H.
108.23	355			

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-04 Page 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. 2 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth.....

Logged By W.A. HOWELL JUNE 03 '98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
22.66 - 28.8	ANDESITE CHL /EPIDOTE / 'PINKING' (?ZEOLITES?)						
	ALTERATION, OCC CARB STRINGERS, NOT MUCH						
	'PINKING' BUT EP IS OBVIOUS. TOWARDS THE						
	LOWER PART OF SECTION SOME QTZ/SERICITE AND						
	DIMINISHED EPIDOTE. & INCREASED ARGILLIC ALT'N.						
28.8 - 29.57	QTZ VEIN. MIXED WITH CARB & ANDESITE	111503			0.006	0.14	
29.57 - (46.34)	ANDESITE EPIDOTE / ARGILLIC ALT'N, INCREASING						
	TO MINOR QTZ/CARB/SER. ON LOCAL MINOR FRACTS						
	MINOR 'PINKING' PRESENT LOCALLY.						
	30.0 CLAY/SER GOUGE 10° TO C.A.						
	30.75 RUBBLE & CLAY/CHL						
	31.5 SMALL QTZ STRINGER 20° TO C.A.						
	32.0 CLAY/CHL RUBBLE 45° TO C.A.						
	32.6 CLAY/SER GOUGE 10° TO C.A.						
	35.6 CORE TAKES ON AN EP/CHL CHARACTER						
	-LOSES KHAKI COLOUR BECOMES SLIGHTLY						
	PINKISH-GREEN.						
	37.5 CHL/CLAY GOUGE 30° TO C.A.						
	39.0-40.2 BROKEN & RUBBLE CLAY/-CHL/+SER.						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-04 Page 3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. 3
Section.....
Date Begun.....
Date Finished.....

Lat.....
Dep.....
Bearing.....
Elev. Collar.....

Total Depth.....
Logged By W. A. HOWELL
JUNE 04/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
29.57 –	ANDESITE – CONT'D						
	39.0 – 40.2 (CONT'D) STRONG C/S GOUGE + PY						
	@ 39.0 & 39.5, 30° TO C.A. QTZ IN RUBBLE						
	@ 40.25 VERY STRONG SHEARING & QSP ALT'N						
	INTERVENING CORE FROM 37.0 m – 40.85 m						
	IS SHATTERED & BROKEN, PY ASSOCIATES WITH CLAY/SER						
	ON LOW ANGLE TO C.A. PRIMARILY						
	SOME CARB. PRESENT 40. – 40.5						
		111504			0.003	TR	
	40.85 – CORE BECOMES SLIGHTLY 'PINK' WITH EPIDOTE						
	FRACTS ARE BLEACHED & PYRITIC, MINOR QTZ						
	@ 43.6 WITH INCREASED CARB FLOODING ALONG						
	LOCAL FRACTS.						
	43.9 SMALL CLAY/SER GOUGE WITH MINOR PY						
	30° TO C.A.						
	44.4 – 44.5 SHATTER ZONE 45° TO C.A. INCREASED						
	LOCAL CLAY/CARB.						
	44.9 2 SMALL QTZ VEINS 60° TO C.A.						
	45.15 5cm CLAY GOUGE 30° TO C.A.						
	45.6 2cm " " " "						
	EDRE IS LOCALLY MODERATELY EPIDOTIZED						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-04 Page 04

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. 4 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By W.A. HOWELL

JUNE 04/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
29.57 - 47.90	ANDESITE CONT'D						
	46.4 - 46.8 4 SMALL 2CM QV 15°-30° TO C.A.						
	46.8 - 47.9 INCREASED SILICA ALT'N, SEVERAL						
	QTZ + PY STRINGERS TO 1 CM. CORE IS PINKISH						
	(ORTHO) & FRAGMENTED & SILICA HEALED - INCIPIENT BX.						
47.9 - 49.3	Q.V. WITH SILICIFIED ANDESITE.	111505			0.024	0.07	
	PY, SPEC. HEM, CPY, UPPER CONTACT 45° TO C.A.						
	LOWER CONTACT 30° TO C.A.						
49.3 - 68.70	ANDESITE - EPIDOTE ALT'N OVERPRINTED WITH						
	QTZ & PY. PINK MINERAL ALONG FRACTS IS ZEOLITE.						
	CLAY/PY FRACTURES ARE COMMON AT 30-45 TO C.A.						
	60.5 - 61 THIN (.5cm) CLAY SEAM WITH PY						
	CORE IS LESS SILICIFIED SINCE ~ 55m.						
	63.0 - 67.0 CORE IS 'CRACKLED' WITH WEAK SILICA/PY						
	67.0 - 68.06 CRACKLE & SILICA/PY INCREASES	111506			0.020	0.06	
	SHEAR ZONE - CLAY PY GOUGE @ 67.7 - 67.8						
68.70 - 69.0	QTZ VEIN & SHEAR 40° TO C.A.	111507			0.005	0.03	

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-04 Page 05

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. 5
Section.....
Date Begun.....
Date Finished.....

Lat.....
Dep.....
Bearing.....
Elev. Collar.....

Total Depth.....
Logged By WA Howell
June 04/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
69.0 – 70.52	ANDESITE, CRACKLED, OCC. QTZ. STRINGER TO 3cm.						
	EP. OVERPRINTED WITH CLAY/PY						
70.52 - 71.56	QUARTZ VEIN STOCKWORK	111508			0.006	0.05	
71.56 – 78.79	ANDESITE CLAY/PY ALT'D - GREY COLOUR	111511			0.007	TR	
	5% PY. CONTACT @ 78.79 = 30° TO C.A.						
72.79 - 74.0	QUARTZ VEIN & SILICIFIED ANDESITE BX.	111509			0.010	0.06	
74.0 - 108.23	ANDESITE						
	GREY - WEAKLY PYRITIC 74.70 - 75.30	111512			0.011	0.05	
	GREY - SILICIFIED, PYRITIC 74.7 - 75.30	111510			0.009	0.02	
	FOLLOWS CLAY/SER/QTZ. SEAM 5° TO C.A.						
	CORE BECOMES BROKEN & RUBBLE THRU 82.00						
	82 – 86 WEAK EP & OCC 1 cm QV 30° TO CA						
	87.0 SMALL CLAY PY SHEAR 30° TO C.A.						
	90.6 - 90.65 CRACKLE, STOCKWORK WITH QTZ/CLAY/EP.						
	92.6 EP + PY ALONG FRACTS.						
	94.2 - 98 GREY, PY/CLAY ON OCC FRACTS						
	GENERALLY SILICEOUS CORE - WELL BROKEN						

DIAMOND DRILL RECORD

PROPERTY Sally / CHANELLE B-ZONE HOLE No. 97-04 P. 06

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-04 Sheet No. Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 108.23 m
Logged By W.A. HOWELL JUNE 04 / 98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
74.0 - 108.23	CONT'D						
	ANDESITE						
	GREY / GREEN - PINK FROM 98 TO END						
	GREY AREAS ARE MORE SILICEOUS & BRITTLE. &						
	CONTAIN 2% FINE GR. Py ie. 102 - 104						
	PINK ZEOLITES ON FRACTS TOWARDS BOTTOM						
	OF HOLE. OCC Py FRACT IN ADCAL AUGITE Py						
	AND.						
	108.23 E.O.H.						
	COMMENTS :- GREY ANDESITE IS GENERALLY						
	MORE SILICEOUS THAN OTHER VARIANTS						
	EPIDOTE ANDESITE IN THIS HOLE · COMMONLY HAS PYRITIC ± CLAY						
	ZONES. IN HOLE #3 PYRITE DID NOT SHOW						
	UNTIL QTZ / SER. / Py ALT'N AND EP / CHL DISSAPEARED						
	IN HOLE 4 THE EP. MAY BE RETROGRADE ALT'N						
	FORMED AFTER(?) THE CLAY / Py. Py OFTEN						
	ACCOMPANIES THE EPIDOTE SECTIONS.						
	QTZ VEINS ARE WELL DEVELOPED AS VEINS AND						
	AS STOCKWORKS. Py IS MUCH MORE COMMON						
	IN HOLE 4 THAN IN PREVIOUS HOLES.						

DIAMOND DRILL RECORD

PROPERTY SABLE / CHAPELLE - B-ZONE

HOLE No. 97-05 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-05 Sheet No. 1

Section

Date Begun JUNE 4/97

Date Finished JULY 5/97

Lat. 2161.4

Dep. 12447.4

Bearing AZ 133° -45°

Elev. Collar

Total Depth 93.6 m

Logged By W.A. NOWELL JUNE 5/98

RECOVERY LOG ON REVERSE OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
0 - 7.62	OVERBURDEN & CASING		
7.62 - 93.6	ANDESITE GREY GREEN COLOUR, 'GHOST'		
	PLAGIOCLASE VARIABLY PRESENT. EPIDOTE CLOTS		
	AND FRACTURES ARE VARIABLY COMMON.		
	LOCAL ZONES ARE BLEACHED AND VARIABLY QSP		
	ALT'D. VERY LOW SULPHIDE (PY).		
	8.3 5cm QTZ VEIN 20° TO C.A		
	11.4 - 12.1 STRONGLY BROKEN & CHLORITE/CLAY ALT'D. 45° to C.A.		
	WEAKLY PYRITIC		
	12.1 - 14.3 MOD - STRONG QTZ/SER, 1 cm QV @		
	13.75 & 14.2 1 cm Q.V. @ 45° & 30° TO C.A.		
	14.8 - 15.0 DIKE(?) OF QTZ MONZ, RELICT Hb → CHL		
	ORTHOCLASE FLOODING & OVERTH. RIMS ON PLAG. 1% DISS. PY.		
	EPIDOTE COMMON.		
	15.25 - 15.4 QV - NO SULPHIDES. BROKEN CORE		
	16.4 - 16.7 QV @ 30° TO C.A. LOWER CONTACT HAS		
	1cm OF PYRITE		
	17.0 CLAY ED SHEAR @ 30° TO C.A, BROKEN CORE TO		
	17.6.		
	14.2 QSP ALT'N 40° TO C.A.		

RECOVERY 97-05

	BLOCK (m)	BLOCK (FT)	MEASURED (FT)	REC'Y
0	7.62		-8	40%
	8.23	27	7.6	76%
	11.28	37	7.2	72%
	14.33	47	8.6	86%
	17.38	57	8.7	87%
	20.43	67	10.6	106%
	23.48	77	10.7	107%
	26.52	87	10.0	100%
	29.57	97	9.5	95%
	32.62	107	9.6	96%
	35.67	117	9.8	98%
	38.72	127	9.8	98%
	41.77	137	10.2	102%
	44.82	147	10.0	100%
	47.86	157	10.0	100%
	50.91	167	10.7	107%
	53.96	177	12.0	120%
	57.01	187	9.8	98%
	60.06	197	9.9	99%
	63.11	207	10.0	100%
	66.15	217	10.0	100%
	69.21	227	11.4	114%
	72.25	237	11.1	111%
	75.30	247	10.0	100%
	78.35	257	~~100~~	~~100~~%

	BLOCK (m)	BLOCK (FT)	MEASURED (FT)	REC'Y
	78.35	257	10.0	100%
	81.40	267	10.0	100%
	84.45	277	9.8	98%
	87.50	287	9.2	92%
	90.55	297	9.9	99%
	93.60	307		

307 = E.O.H. = 93.60 m.

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-05 P2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-05 Sheet No. 2 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth.....

Logged By W.A NOWELL

JUNE 5/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
7.62 - 93.6	CONT'D						
	ANDESITE						
	18.4 - 18.65 QTZ VEIN MINOR BY ON CONTACTS						
	45° TO C.A.						
	18.65 - 20.1 Q/S ALT'D - BROKEN & RUBBLE CORE.						
	PY is < 3%						
	20.8 - 21.0 EP/CARB VEIN W. PINK ZEOLITE.						
	23.85 - 26.8 QSP ALT'N						
	23.85 - 24.55 BROKEN/RUBBLE - STRONG QSP ALT'N	111513			0.109	0.04	
	24.55 - 26.25 BROKEN/RUBBLE - STRONG QSP ALT'N	111514			0.025	0.47	
	26.25 - 28.0 BROKEN - STRONG TO MOD QSP ALT'N	111515			0.020	0.30	
	LAST 25 cm IS QTZ VEIN - VERY LOW SULPHIDES.						
	28.0 - 29.57 MOD QSP ALT. 2-3% PY						
	29.8 EPIDOTE/CLAY 20° TO C.A. EP & WEAK						
	BLNK ZEOLITES TO 32.62.						
	32.62-34.9 MOD/STRONG QSP 1-5% PY	111516			0.028	0.26	
	35.0 - CARB SHEAR 15° TO C.A. WITH BRECCIATED CONTACT						
	EP/CHL, 1% PY						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-05 P3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-05 Sheet No. 2 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth.....

Logged By W.A. HOWELL

JUNE 5 /98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
7.62 - 93.60	CONT'D - ANDESITE						
	45.0-46.1- FAULT/SHEAR 30° TO C.A. QTZ/SER/CHL/PY GOUGE WITH						
	ANDESITE & QTZ VN FRAGS.	111517	1.1 m		0.015	0.04	
	46.1 - 52 GREY ANDESITE - MOD. SILICIFIED,						
	BROKEN, PY ON FRACTURES TS 1-2%						
	52 - 70. PALE GREEN CHL/EP/SILICA ALT.						
	TS 1% OR LESS, SMALL SHEARS OF						
	1 - 2 cm ARE LOCALLY QSP ALT'D						
	70.0 occ. CARB VEINS & PINK ZEOLITE STRINGERS						
	73. - 81.6 CORE BECOMES GREY/GREEN AUGITE PHY ANDESITE.						
	CHLORITIC ALT'N WITH EPIDOTE & WEAK 'PINKING'						
	ON FRACTS PY < 1% OVERALL						
	81.6 - 83.8 CLAY/QTZ/SER ALT'N						
	83.8 - CLAY/SER/QTZ/PY ON SMALL SHEARS 10° TO C.A.						
	84.6 - QSP ALT'N & BROKEN CORE AND 3cm QTZ-CARB						
	VEIN 5° TO C.A.						
	85.34 - 85.6 STRONG QSP GOUGE 30° TO C.A.	111518			0.013	0.06	
	86.15 - 86.55 STRONG QSP GOUGE 30° TO CA.	111519			0.005	TR	
	CHL/CLAY/EP ALT TO EOH. < 1% PY.						
	93.60 EOH						

DIAMOND DRILL RECORD

PROPERTY SABLE / CHAPELLE / B-VEIN. HOLE No. 97-06 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-06 Sheet No. 1
Section
Date Begun JULY 5/97
Date Finished JULY 5/97

Lat. 2159.3
Dep. 12445.8
Bearing AZ 140° -45°
Elev. Collar

Total Depth 46.04
Logged By W.A. HOWELL
JUNE 6/98

RECOVERY LOG ON REVERSE OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
0 — 8.23	OVERBURDEN & CASING.						
8.23 - 26.52	ANDESITE MODERATE QSP ALT. MINOR CARB STRINGERS - OCC. QTZ VEINLETS & CRACKLE FILL MINOR PINK ZEOLITE ALONG QTZ VEINS MINOR EPIDOTE OCC PRESENT.						
	9.5-11.3 RUBBLE, VERY POOR REC'Y CLAY/SER GOUGE ON MARGINS AT 30-40° TO C.A. SOME QTZ.						
	16.0-16.15 BANDED QTZ/CARB VEIN 45° TO C.A.						
	19.3 - 25.0 INCREASED SILICIFICATION - SEVERAL STRINGERS 5°-45° TO C.A.						
	25.0 - 26.52 INCREASED FRACTURES/SHEARS & LOCAL CLAY ALT'N. GOUGE IS 40°-60° TO C.A.						
26.52 — 30.30	QTZ VEIN [THIS SECTION HAS BEEN PREVIOUSLY SPLIT.] GRAB SAMPLES OF SPLIT CORE	111520			0.003	0.02	
	SECTION IS COMPOSED OF BOTH QTZ VEIN & STRONGLY SILICIFIED & BRECCIATED ANDESITE						
	A MED. SOFT BLACK MINERAL IS TENT. ID AS ARGENTITE						
	LOW PY CONTENT :- FROM < 1% TO 2%.						

RECOVERY 97-06

Block (m)	Block (FT)	Measured (FT)	Rec'y
8.23	27	7.0	70 %
11.28	37	5.5	55 %
14.33	47	8.3	83 %
17.38	57	9.9	99 %
20.43	67	10.5	105 %
23.48	77	10.7	107 %
26.52	87	8.6	86 %
29.57	97	9.6	96 %
32.62	107	10.2	102 %
35.67	117	9.8	98 %
38.72	127	9.0	90 %
41.77	137	9.3	93 %
44.82	147	3.7	92.5 %
46.04	151		

E.O.H 151' = 46.04 m

Block (m)	Block FT	Measured FT	Rec'y

DIAMOND DRILL RECORD

PROPERTY SABLE / CHANELLE / BVEIN HOLE No. 97-06 PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-06 Sheet No. 2 Lat.

Section Dep.

Date Begun Bearing

Date Finished Elev. Collar

Total Depth 46.04

Logged By W.A. Howell
JUNE 6/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
30.30 - 46.04	ANDESITE. UPPER CONTACT SHEARED AT						
	60° TO C.A. CORE IS CRUMBLY, CLAY ALT'D ALONG						
	FRACTURES						
	32.6 - 37.65 COMPETENT CORE, EP, CARB ALT.						
	WEAK PY ≈ 1% , OCC LOCAL Bx WITH QTZ/CARB						
	OCC. FRACT 10°-20° TO C.A ARE QTZ/CARB/PY						
	HEALED.						
	37.65 - 37.70 CLAY/PY GOUGE 70° TO C.A.						
	37.70 - 46.04 BROKEN SHARP RUBBLE (HORNFELS)						
	CORE IS MORE PINK - SEVERAL SMALL						
	DIKES OF PINK F.g. DACITE. LOCAL EP.						
	& PY FRACTURES ARE COMMONLY 30°-45° TO C.A						
	& 70° TO C.A,						
	44 - 46.04 MORE COMPETENT COARSER						
	GRAINED DIKES AT 70° TO C.A.						
	INCREASED EP. IN ANDESITE						
	DIKES ARE F.G. PINK DACITE / MONZONITE						
	EOH @ 46.04 M = 151 FT.						

DIAMOND DRILL RECORD

PROPERTY SABLE / CHAPELLE / B-VEIN

HOLE No. 97-07 PAGE 01

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-07 Sheet No. 1

Section

Date Begun JULY 6/97

Date Finished JULY 7/97

Lat. 2111

Dep. 12426

Bearing AZ 040 -45

Elev. Collar

Total Depth 35.67 M

Logged By W.A NOWELL JUNE 06/98

RECOVERY LOG ON BACK OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
0 - 4.57	OVERBURDEN & CASING						
4.57 - 35.67	ANDESITE 4.57 - 13.2 TOP OF HOLE HAS MUCH RUBBLE & BROKEN CORE. BROKEN CORE IS STRONGLY SILICIFIED WITH RELICT PLAG GONE TO SILICA AND FAINTLY VISIBLE AS GHOSTS. ORTHOCLASE HAS GONE TO CLAY/SERICITE AND EPIDOTE(?), OCC CLOTS OF EPIDOTE MAY BE RELICT AUGITE. GROUNDMASS MATRIX IS TOTAL SILICA AND PARTLY TRANSLUCENT GREY COLOUR LOWER CONTACT IS SHEARED AT 35° TO C.A.						
	SEVERAL ZONES ARE BROKEN & GROUND, LOST CORE.						
	8.75 - 9.25(?) CLAY/SER GOUGE 25° TO C.A.						
	11.28 - 11.4(?) QTZ RUBBLE WITH ARGENTITE	111521	.12		0.015	0.25	
	ADJACENT BROKEN CORE HAS 1-2 CM QV+ARG & ORTH. @ 45° TO CA	111522	.1 m		0.011	0.15	
	11.7 SMALL SHEAR 35° TO CA, CLAY/SER						
	11.95 " " 10° TO CA " "						
	13.2 LOWER CONTACT OF STRONGLY SILICIFIED AND.						
	@ 45° TO C.A.						

RECOVERY 97-07

BLOCK (m)	BLOCK (FT)	MEASURED (FT)	REC'Y %
4.57	15	.5	25%
5.18	17	3.5	35%
8.23	27	6.8	68%
11.28	37	8.9	89%
14.33	47	9.2	92%
17.38	57	9.8	98%
20.43	67	9.6	96%
23.48	77	10.5	105%
26.52	87	9.3	93%
29.57	97	11.0	110%
32.62	107	10.5	105%
35.67	117		

107' = 35.67m = E.O.H.

~ BARRA. CBC. Cu
for 2000 bag.

DIAMOND DRILL RECORD

PROPERTY SABLE / CHAPELL / B - VEIN

HOLE No. 97-07 PAGE 02

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-07 Sheet No. 1
Section
Date Begun
Date Finished

Lat.
Dep.
Bearing
Elev. Collar

Total Depth 35.67 m
Logged By W.A. Howell
JUNE 06 /98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
	CONT'D						
[illegible] -	13.2 - 15.0 ANDESITE, EP/CARB/GARNET(?) ALTN						
	15.0 - 18.0 ANDESITE :- PALE GREY/GREEN, EP FRACT						
	WEAK FRACTURE PY.						
	18 - 20.75 ANDESITE :- DARK GREEN CHL/EP ALTN WITH						
	EP OR PINK ZEOLITE ON FRACTS.						
	20.75 - 22.0 ANDESITE :- BUFF - PINK COLOUR, NO CHL,						
	INCREASED SIL/CARB (?), ORTHOCLASE IS PINK,						
	PLAG. IS SERICITIZED. GROUNDMASS INCLUDES SMALL						
	CLOTS OF EPIDOTE & < 1% DISS. PY. AS SMALL						
	CUBES.						
	22.0 - 34.60 ANDESITE ;- GENERALLY DARK GREEN						
	+/- EPIDOTE ON FRACTURES OCC BLEACHING ALONG						
	FRACTS. 1 CM ORTH/EP + HEM & CPY VEIN 30° TO C.A.						
	@ 32.5.						
	34.6 - 35.67 ANDESITE ;- PALE TAN - GREEN, QTZ						
	STRINGERS + PY, CHL/SER +/- PY ON SHEARS						
	30° TO C.A.						
	35.67 ANDESITE ; DARK GREY/GREEN WEAK PY.						
	EOH = 35.67						

DIAMOND DRILL RECORD

PROPERTY SABLE HOLE No. 97-08 PAGE 01

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-08 Sheet No. 1
Section
Date Begun JULY 7/97
Date Finished JULY 8/97

UTM
Lat. 6,350,405
Dep. 9,614,371
Bearing 345° -45°
Elev. Collar

Total Depth 47.86 m
Logged By W.A. HOWELL
JUNE 06 1998

RECOVERY LOG ON BACK OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 7.01	OVERBURDEN & CASING						
7.01 - 10.4	FINE GR. GREEN ANDESITE :- SLIGHTLY BLEACHED, RUSTY FRACTS, GROUND MASS IS PALE GREEN SER/CHL SLIGHTLY PINK PHENOS OF ORTHOCLASE (?) PRESENT.						
10.4 - 33.35	AUGITE PPY ANDESITE (APA)"						
	10.4 - 10.8 "LEOPARD ROCK" - SPOTS ARE OUTLINED BY RIMS OF DK GREEN CHL.						
	10.8 - 33.35 AUGITE PPY ANDESITE, FRACTURES ARE COMMONLY CHL/EPIDOTE +/- CARB +/- QTZ						
	CORE IS COMPETENT WITH OCC RUSTY FRACT. AND ARE RANDOM 90° - 10° TO C.A						
	27.7 - 27.75 QV WITH HEMATITE INTERGROWTHS 90° TO C.A.						
	30.0 - 30.30 3 x 5cm QTZ/CARB VEINS 40° TO C.A WITH HEMATITE INTERGROWTHS - LIKE "SHRINKAGE CRACKS"						
	33.35 BRECCIATED AND QTZ FILLED FOR 10 cm CONTACT AT 60° TO C.A.						
33.35	FINE GRAINED GREEN ANDESITE						

RECOVERY DDH 97-08

BLOCK (M)	BLOCK (FT)	MEASURED FT.	RECOVERY %
7.01	23	2.7	67.5%
8.23	27	8.8	88%
11.28	37	10.5	105%
14.33	47	8.6	86%
17.38	57	10.3	103%
20.43	67	9.7	97%
23.48	77	11.0	110%
26.52	87	10.0	100%
29.57	97	10.1	101%
32.62	107	10.3	103%
35.67	117	10.0	100%
38.72	127	9.5	95%
41.77	137	10.0	100%
44.82	147	10.0	100%
47.86	157		

157' = EOH = 47.86m

DIAMOND DRILL RECORD

PROPERTY SABLE HOLE No. 97-08 PAGE 02

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-08 Sheet No. 2 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 47.86
Logged By W.A. HOWELL
JUNE 06/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE
33.5 - 41.77	FINE GRAINED GREEN ANDESITE:		
	CORE IS 'CRACKLED' - MORE FRACTURES -		
	CHL. FILLED. CORE HAS BECOME LOCALLY HEMATITIC		
	ON FRACTURES ALSO, THIS IMPARTS A SLIGHT		
	PURPLE COLOUR.		
*	BETWEEN 36.60 & 37.5 THERE IS A LIGHT 'SMEAR'		
*NOT Au-WAH.	OF ~~GOLD~~ ALONG THE TOP OF THE CORE IN THE		
	OUTER ROW OF THE BOX. SIMILAR TO THE OCCURRENCE		
	NOTED PREVIOUSLY. AS IF THE CORE HAD BEEN		
	STROKED OR WASHED? BY A HAND WITH A RING ON IT.		
	NO RINGS ARE WORN BY THE LOGGER.		
	THE PURPLE COLOURATION IS LOCALLY MORE PRONOUNCED		
	LOWER IN THE SECTION FRACTURING BECOMES LOCALLY		
	BRECCIATION. NEAR LOWER CONTACT @ 41.77 ABOUT		
	.5m OF CORE IS QTZ/SER/PY ALT'D. AND CRUMBLED		
41.77 - 42.95	PURPLE FELDSPAR PPY DACITE (FPD) DIKE.		
	CONTAINS STRONGLY CHLORITIC MAFICS, PALE PINK		
	ORTHOCLASE (?) IN A SILICEOUS DARK PURPLE, HEMATITIC(?)		
	F.G. GROUND MASS WITH MINOR DISS PY.		

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-08 P. 03

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-08 Sheet No. 3 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth 47.86

Logged By W. A. HOWELL

JUNE 06/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
41.77 - 42.95	FPD DIKE						
	CONTACT IS @ 35° TO C.A AND IS MARKED BY						
	GRAIN SIZE CHANGE AND COLOUR CHANGE.						
	THERE IS A NARROW (1-1.5 cm) CHILLED MARGIN						
	ON THE DACITE. ROCK CONTAINS COMMON						
	FINE MAGN INCL						
42.95 - 44.0	FINE GRAINED GREEN ANDESITE (SIMILAR TO PREVIOUS						
	SECTION, 33.5 - 41.77'.						
	LOWER CONTACT IS AT 75° TO C.A WITH						
	LOWER 4-5 CM OF THE AND FLOODED WITH						
	PINK K-SPAR AND SHOWING VARY FINE GRAINED						
	TEXTURE CONTACT IS INTRUSIVE & "TIGHT"						
44.0 - 47.86	PINK / PURPLE FPD.						
	ROCK BECOMES COARSER GRAINED TOWARDS						
	THE BOTTOM OF THE HOLE. AND BEGINS						
	TO LOOK MORE LIKE A QTZ MONZONITE OR						
	GRANITE. MAGN. GRAINS OR SMALL CLOTS						
	ARE COMMON, ALSO MINOR PY.						
	THE ROCK IS VERY HARD & INDURATED.						
	EOH = 47.86'						

DIAMOND DRILL RECORD

PROPERTY STABLE / BLACK GOSSAN AREA HOLE No. 97-9 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-9 Sheet No. 1
Section
Date Begun SEPT 23/97
Date Finished SEPT 23/97

UTM
Lat. 6,350,744
Dep. 9,617,254
Bearing 220° -45°

Total Depth 64.02 m
Logged By W.A. HOWELL
JUNE 11, 1998

RECOVERY LOG ON REVERSE OF THIS SHEET

DEPTH (m.)	FORMATION	SAMPLE No.	WIDTH OF SAMPLE FROM	WIDTH OF SAMPLE TO	LENGTH OF SAMPLE (m)	Au oz./T	Ag oz./T	
0 - 7.52 m	CASING.							
7.52 - 27.84	ANDESITE LAPILLI:							
	QSP ALT'N IS VERY STRONG.	111526	7.52	9.15	1.63	0.002	TR	
	OCC. CLASTS HAVE A SLIGHT PINK RIM AND ARE COMMONLY	111527	9.15	10.68	1.53	0.004	0.06	
	± PYRITIZED RELATIVE TO GROUNDMASS	111528	10.68	12.20	1.52	0.006	TR	
	TS ≈ 10 - 12% PY + MINOR CPY + TR GREY SULPHIDE.	111529	12.20	13.73	1.53	0.004	TR	
	- ORIGINAL FABRIC IS ALMOST OBLITERATED BY ALT'N.							
	- ORIGINAL MINERALOGIES ARE OBLITERATED.							
	11.45 LOCAL BRECCIATION STRONG QPy MATRIX							
	13.7 BRECCIATION ALONG FRACTURE 5° TO C.A.	115 30	13.73	15.24	1.51	0.009	0.11	
	± QTZ / CHAY / PY filled	115 31	15.24	16.77	1.53	0.002	0.08	
	ALT'N IS NEAR TOTAL. OCC. RELIC. GHOST	115 32	16.77	18.30	1.53	0.004	TR	
	IS QTZ / SER / PY REPLACED, NO RELICT MAFIC	115 33	18.3	19.83	1.53	0.006	TR	
	MINERALS OR PSEUDOMORPHS OBS.	115 34	19.83	21.34	1.51	0.005	0.09	
	THE ROCK IS OCC. A MYRIAD OF TINY	115 35	21.34	22.87	1.53	0.025	0.05	
	QTZ / PY STRINGERS WITHIN THE QSP TOTAL	115 36	22.87	24.4	1 53	0.004	TR	
	OVER PRINT.	1115 37	24.4	26.12	1.72	0.003	TR	
27.84 - 29.9	ANDESITE BX:- STRONG QTZ PY MATRIX. IN A	111538	26.12	27.84	1.72	0.002	TR	
	FRAGMENTED QSP ALT'D MATRIX	111537	27.84	29.9	2.06	0.004	TR	
	BX LIES BETWEEN 2 SHEARS.							

Blocks (m)	Blocks Ft	Measured Ft	Recovery %
7.62	25	25	50%
9.15	30	7.8	78%
12.20	40	10.7	107%
15.24	50	9.7	97%
18.3	60	9.8	98%
21.34	70	10.0	100%
24.40	80	9.8	98%
27.44	90	7.7	77%
30.49	100	8.8	88%
33.54	110	10.9	109%
36.58	120	10.2	102%
39.63	130	9.8	98%
42.68	140	10.0	100%
45.73	150	10.0	100%
48.78	160	10.0	100%
51.83	170	9.7	97%
54.88	180	10.0	100%
57.92	190	10.0	100%
60.98	200	10.0	100%
64.02	210		
64.02m	210'		E.O.H.

Blocks (m)	Blocks (Ft.)	Measured Ft.	Recovery %

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN HOLE No. 97-9 PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-9 Sheet No. 2 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 64.02m
Logged By W.A. Howell
JUNE 11, 1998

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE FROM TO	WIDTH OF SAMPLE	Au oz./T	Ag oz./T	
27.84 - 29.9	ANDESITE BX CONT'D						
	MATRIX QTZ IS MULTI-EPISODAL						
	OCC VUGGY, PYRITE PREDOMINATES, MINOR TO TR						
	CPY, RARE SPKT BLACK SHINY SULPHIDE						
	(ARGENTITE?) TAKES ON A SLIGHT PINKISH HUE OR						
	TARNISH. CPY/PY ≪ 1:10						
	27.84 SHEAR, CLAY GOUGE 45° TO C.A.						
	29.9 SHEAR, CLAY GOUGE & RUBBLE 55° TO C.A.						
29.9 - 38.12	ANDESITE :- FINE GRAINED, LESS FRAGMENTAL	111540	29.9 30.49	0.59	0.003	TR	
	THAN PREVIOUS, OCC. CLAST VISIBLE.	111541	30.49 32.0	1.51	0.004	TR	
	STRONG Q.S.P. OVERPRINT. CPY/PY ≪ 1:10	111542	32.0 33.54	1.54	0.004	0.10	
	T.S. 5-10% PY; diss & on FRACTURES	111543	32.54 35.0	2.46	0.005	TR	
	WEAK OCC. CHL RIMS ON CLASTS WITH +DEPTH.	111544	35.0 36.58	1.58	0.003	TR	
	38.12 SHEARING, SOME GOUGE & RUBBLE, 10° TO C.A.	111545	36.58 38.12	1.54	0.019	TR	
38.12 - 48.70	ANDESITE: WEAKLY FRAGMENTAL, SIMILAR TO	111546	38.12 41.0	2.88	0.082	TR	
	ABOVE. DARKER, MED. GREEN CLOTS APPEAR TO	111547	41.0 43.0	2.00	0.012	TR	
	BE ALT'D CHL. PARTLY SERICITIZED(?)	111548	43.0 45.0	2.00	0.007	TR	
	TS ≈ 5% CPY/PY ≈ 1:5 to 1:10	111549	45.0 47.0	2.00	0.003	TR	
	CONTACT @ 48.70 IS SHEARED/GOUGE 30° TO C.A.	111550	47.0 48.7	1.70	0.003	TR	

DIAMOND DRILL RECORD

PROPERTY SABLE — BLACK GOSSAN — HOLE No. PAGE 03

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-09 Sheet No. Lat. Total Depth 64.02 m
Section Dep. Logged By W.A. HOWELL
Date Begun Bearing JUNE 11, /98
Date Finished Elev. Collar

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE FROM	TO	WIDTH OF SAMPLE	Au oz./T	Ag oz./T
48.7 – 64.02	ANDESITE :– AUGITE PPY GREY GREEN COLOUR.						
	DISTINCT CHLORITIC CLOTS AFTER AUGITE.						
	OCC. PINK CLASTS OR PATCHES OF QTZ./ORTH/SER.						
	COMMONLY CONTAIN HIGHER RATIOS OF CPY/PY ; 1/5						
	OCC. FRACTURE WITHIN CLASTS IS ≥ 10:1						
	GROUND MASS IS HARD TO BRITTLE CHL/QTZ ?						
	TS IS 5-8%. CPY/PY ≈ 1/10						
	50 – 64.02 CORE APPEARS TO BE HORNFELS						
	GROUNDMASS IS DARKER COLOUR (+ CHL?)						
	PY FRACTURES ARE COMMON						
	CPY/PY is << 1:10, FINE DISS. MAGN IS						
	COMMON. CORE 'RINGS' WHEN STRUCK.						
	PINK ORTH. APPEARS TO BE SPATIALLY RELATED						
	TO PY FRACTURES						
	55.55 – 56.05 QTZ/SER/ORTH ALT'D AROUND	111551	55.55	56.05	0.50	0.002	TR
	SHEAR GOUGE @ 55.65. ALT'N HAS INCREASED						
	CPY/PY ; 1/5 to 1/10. MOST ORTH. ALT IS APPROXIMAL						
	TO A FRACTURE IN THIS SECTIONS FRACTURES						
	COMMONLY HAVE BLEACHED/ORTH. SELVAGES.						
	E.O.H. = 64.02 m						

500,000 Tons x (.22) ≈ ; 500 Tons/Day of ore.
≈ 1% sulphide

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN AREA HOLE No. 97-10 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-10 Sheet No. 1
Section
Date Begun Sept 24/97
Date Finished Sept 24/97

UTM
Lat. 6,350,749
Dep. 9,617,254
Az 220° -60°
Bearing
Elev. Collar

Total Depth 45.20
Logged By W.A. Howell
June 12 1998

DEPTH	FORMATION	SAMPLE No.	~~WIDTH OF SAMPLE~~ FROM TO	WIDTH OF SAMPLE	Au oz./T	Ag oz./T
0 - 9.15	CASING & OVERBURDEN					
9.15 - 24.0	ANDESITE :- AUGITE PPY(?) WITH BRECCIATED					
	& FRAGMENTAL VARIANTS.					
	CORE IS MASSIVELY & INTENSELY QUARTZ / SER. / PY ALT'D.					
	LOCAL SECTIONS ARE +/- SILICIFIED, +/- CLAY.					
	CORE IS GREY TO VERY PALE GREEN. RELICT AUGITE					
	IS APPARENT AS SOFT PALE GREEN CLOTS AFTER ORIG.					
	CHLORITIC FRAGS AND CHLORITIC AUGITE PHENOCRYSTS.					
	SULPHIDES ARE PREDOMINANTLY PY. WITH					
	INITIALLY VERY MINOR TO TRACE CPY.					
	SULPHIDES ARE DISSEMINATED AND ON FRACTURES.					
	TS = 10-12% CPY/PY ≈ 50/1					
	MATRIX SILICA HAS COMMONLY OBLITERATED AND					
	REPLACED ORIGINAL TEXTURES & MINERALOGY, OCC.					
	RELICT PLAG m? PSEUDOMORPH CAN BE SEEN.					
	13.20 - 14.55 BRECCIATED & SILICA HEALED FRACTURE ZONE	111552	13.20 14.55	1.35	0.005	TR
	2-3 cm WIDE FOLLOWS (+/-) CORE AXIS.					
	20.48 - 20.60 FRACTURE/Bx ZONE - MATRIX IS	111553	20.48 20.60	.12	0.008	TR
	VUGGY, QTZ/PY FILLED, MINOR CHALCOCITE COATING					
	OF PY. & COMMON 'PEACOCK' TARNISH.					

Block (m)	Block (ft)	Measured	Recovery %
9.15	30.0		~ 75%
10.06	33		~ 95%
11.58	38		~ 95-100
12.8	42		
15.85	52		
18.29	60		
21.34	70		
	80		
27.44	90		
30.41	100		
33.54	110		
36.59	120		
39.64	130		
42.68	140		
45.12	148		

Recoveries are overall very good.
near sfc

in large shear/Bx Zones Rec'y dropped to about 75%
@ 38.55 - 40.92

DIAMOND DRILL RECORD

PROPERTY SABLE BG ZONE HOLE No. 97-10 PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-10 Sheet No. 2
Section
Date Begun
Date Finished
Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By W.A. Hawell
JUNE 13/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
24.00 - 38.55	ANDESITE :- CONT'D					
	APPROX 24.0 - 28.0 (GRADATIONAL) - CORE LOSES SPOTTED					
	TEXTURE EXCEPT FOR CLOTS OR RESORBED					
	CLASTS, ALT'N NEARLY OBLITERATES ALL.					
	CORE IS SLIGHTLY DARKER - MORE PALE GREEN.					
	~ 28.0, CORE BECOMES GREY, STILL WITH					
	SPOTTED 'CLASTS'					
	30.0 CLASTS ARE CLAY ALT'D, SLIGHTLY PINK					
	COLOURED. FRACTS 30 - 50° TO C.A.					
	MINOR SHEARING, 30° TO C.A. STILL MINOR					
	OXIDIZED FRACTS					
33.2 - 33.35	GOUGE & RUBBLE 20° TO C.A.	111554	32.50 33.54	1.04	0.003	TR
	STRONG CLAY/SILICA/PY ALT'N					
34.6 - 34.7	LOCAL FRACT ZONE 40° TO C.A. PY ≈ 1%					
	QTZ PY HEALED/REPLACED FRACTS.					
35 - 35.5	OXIDIZED FRACT ∥ TO C.A.					
38.55	CLAY/SER/PY GOUGE 45° TO C.A.	~~111555~~	~~38.55 40.80~~	~~2.25~~		

DIAMOND DRILL RECORD

PROPERTY SABLE B.G ZONE HOLE No. 97-10 PAGE 3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-10 Sheet No. 3 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 45.20
Logged By W.A. HOWELL
JUNE 13 1998

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
38.55 - 42.12	ANDESITE BRECCIA: INCREASE IN CLAY,					
	CLASTS & MATRIX ARE QTZ/SER/PY ALT'D.	111555	38.55 40.80	2.25	0.002	TR
	CLASTS ARE QTZ + PY, - DARK GREY.					
Box 6	TS = 3-5%; cpy/py = >> 10:1	111556	40.80 42.12	1.32	0.001	TR
Box 7	SHEARING IS 15° TO C.A & 60° TO C.A.					
	Qtz ~ 75%					
42.12 - 45.20	ANDESITE FINE GRAINED, NO SPOTS, NO	111557	42.12 43.62	1.50	0.003	TR
	OBVIOUS CLASTS, STRONG QTZ/SER/PY ± CLAY	111558	43.62 45.20	1.58	0.004	0.07
	ALT'N					
	45.20 = E.O.H.					

DIAMOND DRILL RECORD

PROPERTY SABLE B.G ZONE HOLE No. 97-11 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-11 Sheet No. 1
Section
Date Begun SEPT 24/97
Date Finished SEPT 24/97

UTM
Lat. 6,359,449
Dep. 9,617,225
Bearing 220° -45
Elev. Collar

Total Depth 30.48 m
Logged By W.A. HOWELL
JUNE 13 1998

RECOVERY LOG ON REVERSE OF THIS SHEET.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
0 - 6.1	CASING, OVERBURDEN IS MINIMAL (< 1M).						
6.1 - 19.45.	ANDESITE (?) (ORIGINALLY) :- ROCK IS TOTALLY						
	ALTERED TO CLAY/SILICA/PY, OXIDATION ON						
	FRACTURES IS PERVASIVE TO ~15m AND DIMINISHING						
	TO > 30m ON OCC FRACTURES.						
	ROCK IS WELL BROKEN ON A WIDE VARIETY	111 559	9.76 13.0	3.24	0.003	0.05	
	OF ATTITUDES, 45-55° TO C.A IS COMMON.						
	FRACTURES HAVE YELLOW BROWN to BLACK OXIDES,	111 560	15.24 16.8	1.56	TR	TR	
	CORE IS WHITE CHALKY COLOUR INITIALLY,						
	BECOMING A PALE GREY TO LIGHT GREEN WITH						
	LESS CLAY AND MORE FINE GRAINED SERICITE.						
	FRACTURES ARE ABIQUITOUS, FILLED WITH QTZ						
	& PY. AND FROM 15 - 19.45 FORM A RETICULATE						
	NETWORK ALMOST A VERY FINE STOCKWORK						
	EXCEPT THEY ARE VERY THIN.						
	TS = 3-5% - ALL PY.						
	19.45 SMALL SHEAR 20° TO C.A MARKS CONTACT.	111 561	19.45 21.34	1.89	0.002	TR	

Blocks (m)	Blocks Ft.		Blocks Measured (ft)	Recovery %
6.1	20			
		10	3.4	34%
9.15	30			
		2	1.8	90%
9.76	32			
		8	6.3	79%
13.0	40			
		10	10.4	104%
15.24	50			
		10	10.2	102%
18.29	60			
		10	10.3	103%
21.34	70			
		10	10.5	105%
24.39	80			
		10	10.0	100%
27.44	90			
		10	10.0	100%
30.49	100			

E.O.H. = 100 Ft.

DIAMOND DRILL RECORD

PROPERTY SABLE — BLACK GOSSAN AREA — HOLE No. 97-11 — PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-11 Sheet No. 2
Section
Date Begun
Date Finished
Lat.
Dep.
Bearing
Elev. Collar

Total Depth 30.49
Logged By W.A. HOWELL JUNE

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
19.45 - 29.6	ANDESITE (?) (ORIGINALLY)					
	ROCK HAS BEEN TOTALLY QTZ/SERICITE/PY ALT'D.					
	SPOTS AND CLOTS OF SER/PY LOOK SIMILAR TO	111562	21.34 22.87	1.53	0.003	TR
	UNALT'D AUGITE ANDESITE / FRAGMENTAL ANDESITE.					
	RELICT FRAGMENTS ARE APPARENT. ROCK IS	111563	22.87 23.34	.47	0.005	TR
	COMPETENT, DRILLS WELL, FRACTURES 30 - 45° TO C.A					
	ARE COMMON & HAVE WEAK OXIDES.	111564	23.34 24.62	1.28	0.003	0.03
	T.S. 5% - PY ON FRACTS & DISS.					
	MINOR SHEARING, CLAY GOUGE @ 20.5m 45° TO C.A.					
	" " " " @ 23.5 30 TO C.A.	111565	28.20 29.6	1.40	0.006	TR
	10cm SHEARING, CLAY GOUGE / RUBBLE @ 29.6 - 29.7 60° TO C.A.					
29.6 - 30.28	BRECCIA - CLASTS ARE SIMILAR TO PREVIOUS	111566	29.6 30.28	.68	0.008	0.04
	BUT HAVE QTZ MATRIX, VUGGY QTZ, 7% PY					
	QTZ IS LOCALLY ADULARIA, OCC. VERY WEAK AMETHYST.					
	ALTERATION IS NEARLY TOTAL					
	CONTACT @ 30.28 IS WEAKLY SHEARED 45° TO C.A.					
30.28 - 30.46	FINE GRAINED ANDESITE (?) (ORIGINALLY)					
	ROCK IS NEAR TOTALLY ALT'D ONLY RELICT					
	TEXTURE IS PRESERVED. THE SHORT SECTION					
	... THE					

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN AREA. HOLE No. 97-12 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-12 Sheet No. 1
Section
Date Begun SEPT 24/97
Date Finished SEPT 24/97

UTM
Lat. 6,350,449
Dep. 9,617,225
Bearing BE 220° -60°
Elev. Collar

Total Depth 45.73
Logged By W.A. NOWELL
JUNE 14/98

REC'Y LOG IS ON BACK OF THIS SHEET.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
0 - 6.10	CASING - OVERBURDEN IS < 1m						
6.10 - 45.73	ANDESITE ; FRAGMENTAL (?) (ORIGINALLY)						
	ROCK HAS BEEN TOTALLY ALT'D, GHOSTS OF ORIG.						
	TEXTURES REMAIN ; MINERALOGY IS TOTALLY	111567	9.40 10.80	1.40	0.014	TR	
	ALT'D TO QTZ ± CLAY ± SER + PY, CLAY RICH						
	CORE IS WHITE TO CREAM COLOURED, CHALKEY IN CLAY RICH						
	SECTIONS. BECOMING DARK GREY/GREEN IN SERICITE						
	RICH ZONES. QUARTZ IS PERVASIVE THROUGHOUT MATRIX						
	AND ALONG FRACTURS. PYRITE IS UBIQUITOUS, AS						
	DISSEMINATIONS AND AS FRACTURE FILLING/COATINGS.						
	OXIDES ON FRACTURES ARE YELLOW, THROUGH ALL BROWNS TO						
	BLACK. OXIDATION IS STRONG TO ABOUT 17m						
	AND DIMINISHES WITH DEPTH TO ABOUT 35m						
	TOTAL SULPHIDES RANGE ABOUT 5-12%, AND IS						
	DOMINANTLY PY.						
	0 - 15m CLAY RICH VARIETY						
	9.8 - 10.6 SILICIFIED GOUGE 20° TO C.A.						
	12.83 - 12.9 " " 70° TO C.A.	111568	12.9 14.4	1.50	0.004	TR	
	14.0 - 15.0 STRONGLY OXIDIZED FRACTURES 0° TO C.A.						
	16.0 - 23 STRONGLY BROKEN CORE COMMONLY						

BLOCKS (M)	BLOCKS (FT)	MEASURED INTERVAL	DRILLED INTERVAL	REC'Y %
6.1	20			
		6.9	10	69 %
9.15	30			
		9.0	10	90 %
13.0	40			
		9.8	10	98 %
15.24	50	8.0	8	100 %
	58	1.0	2	50 %
18.29	60			
		5.7	10	57 %
21.34	70			
		10.0	10	100 %
24.39	80			
		10.0	10	100 %
27.44	90			
		10.0	10	100 %
30.49	100			
		9.9	10	99 %
33.54	110			
		10.2	10	102 %
36.58	120			
		11.0	10	110 %
39.63	130			
		10.2	10	102 %
42.68	140			
		8.9	10	89 %
45.73	150			

60' BLOCK IS PROBABLY PLACED WRONG. - MOST LOSS LOOKS LIKE @ 58 - "60"
FAULT & CORE LOSS IS 58' - 64.3' WITH ABOUT 1' OF REC'D RUBBLE.

EOH = 150' = 45.73

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-18 SHEET 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-12 Sheet No. 2 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth 45.73

Logged By W.A. Howell

June 14/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
6.19 – 45.73	ALT'D ANDESITE (CONT'D)						
	16-23 (CONT'D) ... COMMONLY AT LOW ∠ TO C.A.						
	SHEETED FRACTURES 10-20° TO C.A. ARE MORE OFTEN/SER						
	PY THAN HOST ROCK WHICH HAS MORE CLAY	111569	19.9 21.0	1.10	0.053	TR	
	SILICA HERE MAY BE VERY WEAKLY AMETHYST.						
	25 – 37 CORE IS GENERALLY DARKER, GREY GREEN,	111570	23.0 24.15	1.12	0.005	TR	
	WITH DECREASED CLAY AND INCREASED SER.						
	RELICT CLAST 'GHOSTS' ARE APPARENT	111571	27.0 28.15	1.15	0.003	TR	
	37 – 37.2 CLAY/RUBBLE GOUGE.						
	37.2 – 38 end of Box 6 SLIGHT INCREASE IN CLAY CONTENT.	111572	34.66 36.0	1.34	0.012	0.03	
	FINE GRAINED DISS. PY. IS ABOUT 10-12%						
	38.0 – 45.73 CORE IS COMPETENT, DRILLS WELL.	111573	38.57 39.9	1.33	0.046	TR	
	FRACTURES EXHIBIT SILICA VUGS LOCALLY						
	CLAST ARE WHITISH & SERICITE/CLAY(?) RICH,	111574	41.2 42.4	1.20	0.010	0.06	
	WHILE MATRIX IS SILICA RICH. – BOTH FRACTURE						
	& DISSEM. PY. ARE PRESENT PERHAPS SOME	111575	43.6 44.7	1.10	0.011	TR	
	V.F.G. CPY(?) ON FRACTURES						
	45.73 E.O.H.						

DIAMOND DRILL RECORD

PROPERTY SABLE – BLACK GOSSAN ZONE

HOLE No. 97-13 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-13 Sheet No. 1

Section

Date Begun Sept 24/97

Date Finished Sept 25/97

Lat. L.T.M. 6 350 800

Dep. 9 617 196

Bearing 270° – 60°

Elev. Collar

Total Depth

Logged By W.A. Howell June 13/98

RECOVERY LOG ON THE REVERSE OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
0 – 4.57	CASING – OVERBURDEN IS MINIMAL, (< 1m)					
4.57 – 38.33	ANDESITE :- FRAGMENTAL, TOTALLY ALT'D TO SER/QTZ					
	± K-SPAR(?) + PY.					
	ROCK IS GREY GREEN. COLOUR - CLASTS	111576	6.3 7.53	1.23	0.008	0.01
	ARE:- ① A DARKER, SOMEWHAT BLUISH GREEN, TRANSLUCENT					
	CLOT OR MASS OF VERY FINE SERICITE(?)	111577	11.57 12.20	.63	0.006	TR
	② TAN TO FAINT PINKISH ORTHOCLASE (PRIMARILY) RIMMED WITH					
	QTZ IN A WHITE/GREY GROUNDMASS OF QTZ,					
	SERICITE AND PYRITE.	111578	20.55 21.76	1.21	0.011	TR
	INITIALLY THE CORE IS LIGHTER COLOURED AND					
	DARKENS TO ~ 30m WITH PINKISH CLASTS					
	MORE OBVIOUS. BCC SHEARS (14.5m) HAVE	111579	24.75 26.0	1.25	0.005	0.09
	INCREASED CLAY/PY ON FRACTURES 45° TO C.A.					
	WELL OXIDIZED FRACTURES PERSIST TO ABOUT	111580	30.20 31.55	1.35	0.003	0.07
	20m AND OXIDATION DIMINISHES TO ALMOST 0 @ 35m					
	TOTAL SULPHIDES ARE ~ 5% WITH CPY A MINOR	111581	32.86 34.1	1.24	0.005	TR
	COMPONENT :- CPY/PY ≈ 1/20 OVERALL, LOCALLY					
	MAY REACH ≈ 1/8	111582	36.59 38.0	1.41	0.002	TR
	CORE IS WELL BROKEN TO APPROX. 30m					
	(SAME AS OXIDATION)					

BLOCKS (m)	BLOCKS (FT)	MEASURED INTERVAL (FT)	Δ FT FROM BLOCKS	REC'Y
4.57	15	3.6	5.0	72%
6.1	20	10.2	10	102 %
9.15	30	10.8	10	108%
12.20	40	10.0	10	100 %
15.24	50	9.2	10	92 %
18.29	60	8.0	10	80 %
21.34	70	10.8	10	108%
24.39	80	9.0	10	90%
27.44	90	9.3	10	93%
30.49	100	9.6.	10	96%
33.54	110			
	120			
	130			
	140			

70' BLOCK MAY BE MISPLACED TOO SHORT.

DIAMOND DRILL RECORD

PROPERTY SABLE - BLACK GOSSAN ZONE. HOLE No. 97-13 P. 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-13 Sheet No. 2 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 140' = 42.68
Logged By W.A. HOWELL
JUNE 15 1998

DEPTH	FORMATION	SAMPLE No.	WIDTH ~~OF SAMPLE~~	WIDTH	Au oz./T	Ag oz./T	
4.67 - 38.33	ANDESITE CONT'D						
	32' CORE BEGINS TO LIGHTEN IN COLOUR						
	FRACTURES ARE HEAVILY PYRITIC						
	34' FRACTURES & PYRITE BECOME ALMOST BRECCIATED.						
	QUARTZ ON FRACTURES IS LOCALLY VUGGY.						
	37' CORE HAS A CLAY COMPONENT.						
	38.33 FAULT GOUGE @ 30° TO C.A.						
	TO 38.55						
38.33 - 39.80	FAULT - CLAY GOUGE / GRANULAR QTZ.						
	& STRONGLY CLAY ALT'D FRAGMENTAL ANDESITE						
	STRONG GOUGE 38.33 - 38.55 } QTZ/CLAY/SER/PY						
	39.0 - 39.8 }						
39.8 -	ANDESITE - FRAGMENTAL, STRONGLY CLAY ALT'D.	111583	39.20 40.65	1.45	0.003	TR	
	WITH QTZ/PY STRINGERS TO 40.65						
	40.60 & 40.65 THIN CLAY GOUGE SEAMS 70° TO C.A.	111584	40.65 42.09	1.44	0.004	TR	
	CLAY DIMINISHES PAST 40.65, CORE IS						
	COMPETENT QTZ/SER.+PY + LOCAL CPY & TR. BN.						
	40.90 - 3cm WIDE PY SEAM 30° TO C.A.						
	41.10 - 40.40 CLAY/QTZ PY GOUGE 30° TO C.A.						
	42.68 = E.O.H.						

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN AREA HOLE No. 97-14 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 1
Section
Date Begun SUMMER 25/97
Date Finished SUMMER 25/97

UTM
Lat. 6,350,800
Dep. 9,617,196
Az. Bearing 277° - 45°
Elev. Collar

Total Depth 106.70 m
Logged By W.A. Howell
JUNE 15/98

RECOVERY LOG ON REVERSE OF THIS SHEET.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
0 - 6.1	CASING, OVERBURDEN IS MINIMAL (< 1 m)						
6.1 - 48.08	ANDESITE FRAGMENTAL						
	ROCK IS GREY/GREEN COLOUR, AND IS STRONGLY						
	TO LOCALLY INTENSELY QTZ, ±SER, ±CLAY, ±ALT'D.						
	FRACTURES ARE STRONGLY WEATHERED AND						
	OXIDIZED TO ABOUT 20 m WITH OCC. WELL						
	OXIDIZED FRACTURES PERSISTING TO >35 m						
	FRACTURES ARE COMMONLY STRONGLY PYRITIC.						
	20.7 - 20.8 STRONG CLAY GOUGE - SOME Fe	111585	20.70 22.82	2.12	0.002	TR	
	OXIDES, 30° TO C.A.						
	CORE ON BOTH SIDES IS GREY GREEN	111586	22.82 24.0	1.18	0.004	TR	
	MOD. HARD & COMPETENT. CLASTS IN THE ANDESITE						
	ARE WEAKLY K-FELD. +SER. IN CLOTS (AFTER CHL?)						
	AND ARE FOR THE MOST PART RESORBED OR						
	OVERPRINTED BY THE ALTERATION WITH ONLY TEXTURE						
	OR GRANULARITY TO DISTINGUISH THE CLAST EXCEPT						
	WHERE A SLIGHT COMPOSITION CHANGE (K-SPAR) OCCURS.						
	OVERALL TS = 3-5% PY ≈ >> CPY						
	2° B_1 IS OBS IN CORE @ ~ 10.5 m — IS THIS						
	RELICT B_1 FROM Hfls OR HIGHER ALT PRODUCT?						

97-14

Blocks (m)	Blocks (Ft)	Measured Interval	Δ Ft (Blocks)	% Recovery	
6.1	20	6.4	10	64 %	
9.15	30	10.2	10	102 %	
12.20	40	8.6	10	86 %	
15.24	50	10.0	10	100 %	
18.3	60	10.5	10	105 %	
21.34	70	9.7	10	97 %	
24.40	80	10.0	10	100 %	
27.44	90	9.4	10	94 %	
30.49	100	11.2	10	112 %	
33.54	110	10.0	10	100 %	
36.58	120	10.0	10	100 %	
39.63	130	10.0	10	100 %	
42.68	140	10.5	10	105 %	
45.73	150	9.5	10	95 %	
48.78	160	7.0	7	100 %	
50.91	167	10.0	10	100 %	
53.96	177	6.2	5	124 %	
55.48	182	7.2	8	90	
57.42	190	10.1	10	101 %	
60.97	200	9.8	10	98 %	
64.02	210	10.2	10	102 %	+ 2.7
67.07	220	10.0	10	100 %	
70.12	230	9.7	10	97 %	
73.17	240	9.8	10	98 %	
76.21	250				
	260	10.0	10	100 %	

Blocks (m)	Blocks (Ft)	Measured Interval	Δ Ft (Blocks)	% Recovery	
79.26	260	10.0	10.	100 %	
82.32	270	9.5	10	100 %	
85.37	280	10.6	10	106 %	
88.41	290	9.0	10	106 %	
91.46	300	10.0	10	100 %	FAULT / CAVE
94.51	310	10.0	10	100 %	
97.56	320	10.	10	100 %	+ 9.2' Box 18
100.61	330	10	10	100 %	
103.66	340	10	10	100 %	
106.71	350				

E.O.H. = 350' = 106.70 m

DIAMOND DRILL RECORD

PROPERTY SABLE B.G ZONE HOLE No. 97-14 PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 2 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 106.70 m
Logged By W.A. Howell
June 16/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
6.1 - 48.08	ANDESITE CONT'D					
	23.6 - 27.66 STRONGLY SILICIFIED & BRECCIATED CORE APPROACHES A QTZ STOCKWORK.	111587	24.0 26.0	2.0	0.009	0.09
	23.3 STRONG SHEARING 30° TO C.A WITH LOCAL CLAY GOUGE & Fe OXIDES	111588	26.0 26.35	.35	0.006	TR
	27.44 - 27.66 SIMILAR, CLAY GOUGE & RUBBLE					
	26.15 - 26.25 ALMOST MASSIVE PY WITH QV. 30° TO C.A.					
	PY. FRACT ACROSS CORE @ 45° TO C.A					
	SILICEOUS SECTION HAS ~ 1-2% VERY FINE DARK GREY TO BLACK SULPHIDE + PY.	111589	26.35 27.44	1.09	0.006	0.03
	TS IS 8% PY > CPY.	111590	27.44 28.8	1.35	0.010	0.03
	27.66 - +/- 33.54 ; CORE IS STRONG TO INTENSE QTZ/SER ALT'D, FRACTURES ARE COMMONLY LIMONITIC	111591	28.8 30.49	1.69	0.002	TR
	OCC CLAST RELICTS ARE SLIGHTLY K-FELD. ENHANCED	111592	30.49 32.55	2.05	0.011	0.12
	LIGHT BROWNISH COLOUR IN THE AINISH					
	GROUNDMASS IS THE INITIAL DEVELOPMENT OF 2° Bi	111593			0.006	TR
	CPY IS APPARENT AS VERY FINE GRAINS DISSEMINATED					
	AND ON FRACTURES TS = 5-8% CPY/PY ≈ 1/3	111594	32.55 33.54	.99	0.002	0.10

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN AREA. HOLE No. 97-14 PAGE 3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 3
Section
Date Begun
Date Finished
Lat.
Dep.
Bearing
Elev. Collar

Total Depth 106.70
Logged By W.A. HOWELL
JUNE 15/98

DEPTH	FORMATION	SAMPLE No.	WIDTH ~~OF SAMPLE~~	WIDTH	Au oz./T	Ag oz./T	
6.1 – 48.08	ANDESITE CONT'D						
	33.54 – 36.50 ANDESITE LOOKS LIKE ALT'D INTRUSIVE	111595	33.54 34.95	1.41	0.003	0.08	
	ON FRESH BROKEN SPC.S (RELICT CLASTS BETRAY ORIG.						
	ORIGINS) ALTERATION IS SER/K SPAR/± Bi ± QTZ	111596	41.0 42.5	1.50	0.016	TR	
NOT GOLD WAH. (*)	36.50 – 37.25 – OCC (*) ~~GOLD~~ CONTAMINATION ON CORE						
	SIMILAR TO PREV. – LOOKS LIKE A RING RUBBED	111597	43.64 44.35	.71	0.005	0.03	
	ALONG THE TOP OF CORE IN THE BOX (THIS W.A.H.						
	CORE LOGGER IS NOT WEARING ANY JEWELLRY)	111598	44.35 44.53	.18	0.004	0.02	
	2" Bi BECOMES A LITTLE MORE PROMINENT. V.F.GR.						
	CPY IS INCREASINGLY APPARENT ON FRACTS AND	111599	44.53 45.00	.47	0.007	TR	
	DISSEMINATED. CPY/PY = 1/4, TS = 5 %						
	TR. MoS_2 ON OCC FRACTS	111600	47.25 48.08	.83	0.006	0.01	
	A DIRTY YELLOW BROWNISH GREEN AMORPHOUS V.F.GR.						
	MINERAL ON FRACT & IN ROCK, H=5-6, ASSOCIATES WITH						
	THE CPY. IT IS TEMPTING TO CALL IT EPIDOTE BUT						
	PERHAPS IT IS SCAPOLITE (?)						
	(THERE IS VERY MINOR CONTAMINATION OF CORE WITH						
	Cu BEARING GREASE.)						
	(OVERALL GRADUAL TEXTURAL CHANGES ARE SOMEWHAT						
	REMINISCENT OF DRILLING INTO THE "PPY PEARL"						

DIAMOND D... RECORD

PROPERTY SABLE BLACK CROSSAN HOLE No. 97-14 PAGE 4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 4 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 106.70
Logged By W.A. HOWELL
JUNE 16 '98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH.	Au oz./T	Ag oz./T	
6.1 - 48.8	ALT'D ANDESITE FRAGMENTAL CONT'D						
	37.25 - 44.35 FRAGMENTAL ANDESITE AS						
	BEFORE - HARD, COMPETENT VERY STRONGLY ALT'D						
	GHOST CLASTS ARE MOSTLY RESORBED						
	FRACTS ARE WELL OXIDIZED CORE HAS A						
	SOFT MEDIUM GREEN COLOUR. T.S. IS ~ 3-5%						
	cPy/Py ≈ 1/10 OR LESS; CPY IS PRESENT AS						
	V.F DISSEM.						
	44.35 - 44.55 FELD PPY DIKE 30°-40° TO C.A.						
	PINK COLOUR VERY FINE DARK GREY RED						
	GROUNDMASS WITH ORANGE/PINK FELD. PHENOCRYSTS						
	44.55 - 48.08 CORE BECOMES MORE BROKEN						
	& RUBBLY WITH OXIDIZED FRACTURES - VERY LITTLE						
	GRINDING OF CORE. PINK/ORANG COLOUR OF						
	FELDSPAR IS DUE LARGELY TO STAINING.						
	CONTACT WITH DIKE BELOW IS SHEARED WEAKLY @ 30° TO C.A.						
48.08 - 58.25	FELDSPAR PPY DIKE	111601	48.08 49.63	1.55	0.004	TR	
	CHILLED UPPER MARGIN FOR ± 2 m.						
	OCC DUMORTIERITE ON FRACTS AS XTLINE COATING						
	OR AMORPHOUS COATINGS.						

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK CROSSAN HOLE No. 94-14 PAGE 5

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 5 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 106.70
Logged By W.A. NOWELL
JUNE 18 98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
48.08 - 58.25	FELD PPY DIKE CONT'D.						
	FELDS ARE ORTHOCLASE & STRONGLY ALT'D (SER(?))						
	PLAG. MINOR CHL/B.(?) , MINOR	111 602			0.02	TR	
	QTZ IS UBIQUITOUS - COMPOSITIONALLY						
	THE ROCK IS NOT DIFFERENT FROM THE ANDESITE						
	BUT DOES DIFFER TEXTURALLY.	111 603	54.4 55.65	1.25	0.003	0.03	
	SULPHIDES ARE PY, CPY, MINOR Bn(?) AND						
	TRACES OF F.G. BLACK TO DARK GREY MINERAL.						
	T.S. = 3-5% CPY/PY in 1/B (.1-.2% Cu)						
	SULPHIDES ARE FRACT & DISS. WITH TR.						
	Bn(?) ON FRACTS.						
	FELD PHENOS ARE PARTLY CLAY ALT'D AND						
	Fe STAINED. GROUNDMASS IS QTZ/ORTH +(?)						
58.25 - 100.71	ALT'D ANDESITE SIMILAR TO EARLIER SECTION	111 604	58.25 60.98	2.73	0.005	TR	
	INTENSELY ALT'D, INITIALLY SCAPOLITE THEN,						
	THEN QTZ/FELD (?). 'DUSTY' BLUE FRACTURE	111 605	62.75 64.25	1.50	0.005	TR	
	COATINGS MAY BE DUMORT.(?)						
		111 606	67.03 68.56	1.53	0.003	TR	

DIAMOND DRILL RECORD

PROPERTY SABLE — BLACK CROSSAN — HOLE No. 97-14 — Page 6

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 6 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 106.70
Logged By W.A. Hawkes
JUNE 17/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
58.25 - 100.71	ALT'D ANDESITE :- FRAGMENTAL CONT'D.					
	SMALL MED. GREEN CLOTS OF DENSE V.F.G.R.					
	MINERAL ARE PSEUDOMORPHS AFTER MAFIC					
	MINERALS AND MAFIC RICH CLASTS (?) THE					
	PRESENT COMPOSITION IS ASSUMED TO BE SERICITE					
	AND HAS BEEN SO DESCRIBED PREVIOUSLY.	111 607	70.17 71.7	1.53	0.007	TR
	THERE IS A FINE GRAINED TAN GROUNDMASS TO					
	THE ROCKS HERE THAT LOOKS LIKE A COARSER	111 608	76.21 77.74	1.53	0.006	TR
	VARIETY OF SERICITE +(?) AND IS COMMONLY ASSOC. WITH					
	SILICA. FROM	111 609	82.32 83.85	1.53	0.005	TR
	60.84 - TO (~~Box 18~~ 100.37) FRAGMENTAL VOLC / INTRUSIVE					
	THIS ROCK HAS NOT FUNDAMENTALLY DIFFERENT FROM	111 610	85.37 86.89	1.52	0.011	TR
	HIGHER UP EXCEPT IN DEGREE OF ALTERATION.					
	HERE IS MORE INTENSE MULTIPLE FRACTURES -	111 611	91.46 92.98	1.52	0.006	TR
	INCIPIENT BX PYRITIC WEAK CPY					
	QTZ/SER/K-SPAR/SCAP. MULTIPLE EPISODES	111 612	97.56 99.08	1.52	0.010	TR
	FRACTURING OCC FELD. ANY CLAST.					
	TS = 10-12% CPY/PY VARIES FROM 1/8 - 1/20	111 613	103.66 105.18	1.52	0.004	TR
	POSSIBLE VFG BN ON OCC FRACT.					
	QTZ AY FRACTS COMMON 30° TO C.A.					
	MINOR SHEARING ON 40°-45° TO C.A.					

DIAMOND DRILL RECORD

PROPERTY SABLE B. G. ZONE HOLE No. 97-14 PAGE 7

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-14 Sheet No. 7 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 106.7
Logged By W.P. Hawkes
JUNE 17/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
	94.51 MAJOR FAULT						
	94.2 - 94.51 SAND						
	94.51 - 94.70 CLAY / SILICA GOUGE						
	EOH 106.71						

DIAMOND D... RECORD

PROPERTY BABLE B.G - ZONE HOLE No. 97-15 WALL

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-15 Sheet No. 1
Section
Date Begun Sept 25/97
Date Finished Sept 26/97

UTM
Lat. 6350750
Dep. 9617254
Bearing AZ 70° -45

Total Depth 137.2 m
Logged By W.A. HOWELL JUNE 17 98

RECOVERY LOG ON REVERSE OF THIS SHEET.

DEPTH m	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
0 - 6.1 m	CASING (OVERBURDEN IS MINIMAL, < 1m)						
6.1 m -	ALT'D FRAGMENTAL ANDESITE; - STRONGLY ALT'D						
	- ORIGINAL MINERALOGY IS REPLACED CLASTS ARE						
	EASILY DISTINGUISHED TEXTURALLY.						
	ROCK IS PYRITIC BOTH ON FRACTS & DISS.						
	COARSEN BY TENDS TO THE CLASTS	111619	9.75 11.27	1.52	0.006	TR	
	6.1 - 12.6: WHITE, SINTER-LIKE, CLAY/SILICA, BLEACHED.						
	DISSEMINATED SULPHIDES ARE MOSTLY LEACHED OUT						
	& FRACTURES ARE HEAVILY OXIDE & LIMONITE COATED						
	7.2-9.0 CLAY GOUGE, 30° TO C.A (?)						
	12.6 - 22.5: GREY COMPETENT ROCK LIMONITE	111620	15.0 16.5	1.5	0.005	0.08	
	FRACTS, SILICA/SER ALT'N. CLASTS						
	ARE REPLACED (AND HAVE BEEN THROUGHOUT	111621	20.42 21.77	1.35	0.005	TR	
	HOLES 9 - 15 SO FAR) BY A SOFT MEDIUM						
	TO PALE GREEN TO WHITE, SINTER OR 'GEL',						
	WEAKLY BOTRYOIDAL, FAINT LAYERING, MASSES						
	ARE OCC. RIMMED WITH ORTHOCLASE OR						
	QTZ. HOSTS GENERALLY COARSER GRAINED						
	PY.						

Blocks (m)	Blocks (Ft)	Measured	Rec'y
6.1	20	30	30%
9.15	30	9.3	93%
12.20	40	10.0	100%
15.24	50	10.0	100%
18.29	60	10.1	101%
21.34	70	10	100%
24.39	80	10	100%
27.44	90	10	100%
30.49	100	10	96%
33.54	110	11	111%
36.58	120	10	100%
39.63	130	10.5	105%
42.68	140	10.5	105%
45.73	150	10.0	100%
48.78	160	10.6	106%
51.83	170	10.6	106%
54.88	180	9.5	95%
57.93	190	10.0	100%
60.98	200	10.5	105%
64.02	210	10.5	105%
67.07	220	10.0	100%
70.12	230	9.7	97%
73.17	240	10.6	106%
76.21	250	10.0	100%

125.0 Box 6 = 38.38

227.0 Box 12 = 69.21

Blocks (m)	Blocks (Ft)	Measured	Rec'y
76.21	250	10.0	100%
79.27	260	9.3	93%
82.32	270	9.5	95%
85.37	280	10.4	104%
88.41	290	9.6	96%
91.46	300	9.7	97%
94.51	310	9.8	98%
97.56	320	9.0	90%
100.61	330	10.0	100%
103.66	340	10.0	100%
106.71	350	9.2	92%
109.76	360	10.3	103%
112.80	370	10.5	105%
115.85	380	10.0	100%
118.90	390	10.0	100%
121.95	400	10.0	100%
125.00	410	9.8	98%
128.05	420	10.0	100%
131.1	430	10.0	100%
134.15	440	10.0	100%
137.2	450		

EOH = 450' = 137.2m

Dr. Hewitt Psych.
822-0932 "Injections"

DIAMOND DRILL RECORD

PROPERTY SABLE B.G ZONE HOLE No. 97-15 W. 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-15 Sheet No. 2
Section
Date Begun
Date Finished
Lat.
Dep.
Bearing
Elev. Collar

Total Depth 137.2
Logged By W.A. HOWELL
JUNE 18/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
6.1 -	ALT'D ANDESITE CONT'D.						
	22.5 - 26.30 GREEN CORE - CLAST HAVE						
	CHL (?) RIMS PALE GREEN 'GEL' HAS OCC						
	F.G. CHL CORES.						
	26.30 WEAK SHEARING 30° TO C.A.						
	ALT'N GIVES A BEDDED APPEARANCE.						
	26.30 - CORE BECOMES GENERALLY						
	GREY COLOUR WITH INCREASED QTZ/SER	111622	28.6 30.0	1.40	0.006	TR	
	& LESS CHL. CLASTS ARE STILL EVIDENT						
	BUT BECOME WHITE, NOT GREEN & BECOME						
	PREF HOSTS FOR PY.						
	OCC WEATHERED FRACT PERSISTS TO ~ 30 m.	111 623			0.004	TR	
	WITH ATTENDANT LOCAL BLEACHING.						
	FRACTS 30 - 45° TO C.A ARE COMMON						
	LOCAL INCREASED PY WITH VUGGY QTZ						
	@ 36.0 - 36.5	111 624	40.7 42.28	1.58	0.011	0.05	
	MINOR CLAY / SHEARING. 30° TO C.A @ 38.9						
	& 40.9	111 625	46.14 47.47	1.33	0.011	TR	
	SIMILAR 15° TO C.A @ 51.65 & 54.9						
	& 59.2	111 626	51.57 52.83	1.25	0.007	TR	
	SIMILAR WITH CLAY & RUBBLE 61.0 - 61.5						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-15 P3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-15 Sheet No. 3 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth 137.' ✓

Logged By W.A. HOWELL JUNE 18/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
6.1 –	ALT'D ANDESITE CONT'D					
	FROM ABOUT 45 – 65 CORE IS	111627	56.77 58.1	1.33	0.005	TR
	INCREASINGLY SILICEOUS					
	BY 67, IT IS ALMOST ALL SILICA REPLACED	11628	62.04 63.20	1.15	0.004	TR
	BTILL WITH PY AND ORIGINAL FRAG.					
	TEXTURES.	111629	65.05 66.55	1.50	0.003	TR
	68.2 GRAY/CARB GOUGE 40° TO C.A.					
	MARKS A BRECCIATED ZONE TO 69.0	111630	67.93 69.21	1.28	0.004	0.12
	WITH QTZ FRAGS (OF REPLACED RK) AND					
	A WHITE TO CREAMY YELLOW CARBONATE MATRIX.					
	LOWER CONTACT @ 69.0 IS SHEARED ALSO					
	BELOW CONTACT RK IS QTZ/PY STOCKWORK					
	FROM 6.1 – 69.0 PY HAS GENERALLY					
	INCREASED FROM 5-10% to 10-15% WITH					
	TRACE TO MINOR CPY VARIABLY PRESENT					
	DEEPER IN THE HOLE. SILICA IS VARIABLY					
	PRESENT BUT GENERALLY INCREASES WITH					
	DEPTH TO AT LEAST 69m (PRESENT LIMIT OF					
	LOGGING)					

DIAMOND DRILL RECORD

PROPERTY SABLE B.G. ZONE HOLE No. 97-15 PAGE 4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-15 Sheet No. 4 Lat.
Section Dep.
Date Begun Bearing
Date Finished Elev. Collar

Total Depth 137.2
Logged By W.A. HOWELL
JUNE 15/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE				
6.1 - 70.20	ALT'D ANDESITE CONT'D.						
	SHEARED & SILICIFIED CONTACT						
	35° TO C.A. @ 70.12						
70.20 - 85.1	FRAGMENTAL ANDESITE - GREENSTONE						
	CHLORITIC, VARIABLY HORNFELSED.						
	THIS IS THE ORIGINAL ROCK FROM WHICH						
	THE ALTERED ROCKS PREVIOUSLY DESCRIBED						
	DERIVED.						
	79.85 MINOR CLAY GOUGE @ 5° TO C.A.						
	83.4 5 CM CLAY/OARS GOUGE 45° TO C.A.						
	84 - 86 BROKEN CORE WITH MINOR CLAY GOUGE						
	35-60 TO C.A. PY = 3%						
85.1 - 92.0	FINE GRAINED ANDESITE						
	LOCALLY GRANULAR FRAGMENTATION ALONG						
	FRACTURES 10° TO C.A. @ 88.0, 89.7, & 92.0						
	ROCK IS GREY, HARD. F.G. SULPHIDES ARE 3-5%						
92.0 -	FRAGMENTAL ANDESITE (GREENSTONE)						
	HARD, HORNFELSED TO 2" B.A. OCC PINK ORTH.						

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-15 P5

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-15 Sheet No. 5 Lat.....

Section..... Dep.....

Date Begun..... Bearing.....

Date Finished..... Elev. Collar.....

Total Depth 137.2

Logged By W.A. Nowell

JUNE 19/98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
92 - 137.2	FRAGMENTAL ANDESITE (CONT'D)						
	FRACTURE WITH MINOR CLAY GOUGE. 20° TO 30° TO C.A.						
	@ 94.7, 96.8, 97.4 (WITH MINOR CARB.)						
	97.6 - 99.3 BROKEN CORE, MINOR CLAY GOUGE						
	ON FRACTS. 30 - 60° TO C.A.						
	90.7 - 91.5 = DIKE, F.G. QTZ MONZ.						
	OR QTZ DIORITE - 3% F.G DISS. PY.						
	100 - 103 COMPETENT CORE, SILICEOUS MATRIX						
	WEATHERS GREY IN CONTRAST TO SOFTER KHAKI						
	COLOURED FRAGS						
	106.0 5 cm CLAY GOUGE 30° TO C.A.						
	107.35 5 cm " " " " "						
	105 - EOH CORE IS OVERALL HARD, SILICA						
	RICH. GREY TO PALE GREEN, 2-5% PY						
	OCC CARB MATRIX ON BROKEN CORE						
	124.8 5 cm CLAY GOUGE 60° TO C.A.	111631	134.3 134.5	.20	0.002	TR	
	130 - 137.2 OCC LONG FRACTURES 5° TO C.A.						
	137.2 E.O.H.						

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN ZONE HOLE No. 97-16 PAGE 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-16 Sheet No. 1
Section
Date Begun SEPT 26/97
Date Finished SEPT 26/97

UTM
Lat. 6,351,035
Dep. 9,617,135
Bearing AZ 240 -45

Total Depth
Logged By

RECOVERY LOG ON REVERSE OF THIS PAGE.

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T
0 - 4.57	CASING (MINIMAL OVB < 1 m)					
4.57 - END	SILICIFIED F.G. ANDESITE (?)					
	INITIALLY TO ~ 10" ROCK IS CRUMBLED & BLEACHED					
	WITH FRACTS TOTALLY WEATHERED & LIMONITE COATED					
	10 - 15" CORE IS BROKEN GREY MOD. SILICIFIED					
	ANDESITE, FRACTS ARE STRONGLY PYRITIC & WEATHERED.					
	15 - 18" CORE TAKE ON A LIGHT BROWN COLOUR					
	STILL VERY HARD ONLY PY IDENTIFIED.					
	T.S ~ 3 to 5% OCC PEACOCK TARNISH ON PY OCC					
	GRAIN LOOKS LIKE BN. BUT IS PY.					
	25-27 CORE BECOME GREY, WITH INCREASED SILICA					
	& PY OCC. FRACTS STILL STRONGLY WEATHERED					
	T.S. ~ 5-8%					
	27.4 - 28.0 QV(?) ROCK IS RUBBLE & LOW					
	RECY					
	30.3 - 31.0 QV (?) QTZ RUBBLE & LOW RECY	111632	30.49 32.0	1.51	0.003	TR
	RUBBLE IS FINE SILICA WITH PY, WEAKLY VUGGY	111633	32.9 33.0	1.00	0.004	0.09
	ROCK IS highly SILICEOUS TO ~ 32.55					
	32.55 - 44.82 BROKEN CORE, LESS SILICA + SER.	111634	39.0 40.5	1.50	0.002	TR
	RUSTY FRACTURES. RETICULATE PYRITIZED					
	FRACTURES NETWORK ... LEACHED ANKERITE.					

BLOCK (m)	BLOCK (ft)	MEASURED INTVL	INTERVAL	REC'Y	
	15	2.8	5		
6.1	20	9.8	10	98%	
9.15	30	8.0	8	100%	
11.59	38	10.0	10	100%	
14.63	48	10.0	10	100%	
17.68	58	8.8	9.8	98%	
20.43	67	6.0	5.	120%	MISPLACED BLOCKS
22.0	72	5.4	8	67.5%	-RECOVERY IS GOOD.
24.39	80	7.8	10	78.0%	RUBBLE & MINOR GRINDING @ 90' ? Q.V.
27.44	90	5.7	10	57.%	SILICIFIED RUBBLE 95-100
30.49	100	9.3	10	93.0%	SILICIFIED RUBBLE 100-102 & Strong Rubble to 110.
33.54	110	7.5	7	107 %	
35.67	117	10.3	10	103 %	
38.72	127	9.8	10	98 %	
41.77	137	10.0	10	100 %	
44.82	147	10.0	10	100 %	
47.87	157	10.0	10	100 %	
50.91	167	10.0	10	100 %	
53.96	177	2.2	2	110 %	
54:57	179	10.4	10	104 %	
57.62	189	10.2	10	102 %	
60.67	199	10.0	11	91 %	
64.02	210				

DIAMOND DRI. RECORD

PROPERTY SABLE - BLACK GOSSAN ZONE HOLE No. 97-16 PAGE 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-16 Sheet No. 2 Lat. Total Depth 76.22
Section Dep. Logged By W.A. Howell
Date Begun Bearing Claim
Date Finished Elev. Collar Core Size NQ
Date Logged JUNE 19 /98

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
4.57	76.22		SILICIFIED FINE GRAINED ANDESITE (CONT'D)								
			44.82 - 56 :- STRONGLY SILICIFIED, QTZ/SER/PY	111634	39.0	40.5	1.50		0.002	TR	
			ALT'N OCC. MARIPOSITE, TRACE CPY,	111635	46.1	47.6	1.50		.0.003	0.05	
			TS = 8%, CPY << PY								
				111636	51.65	53.15	1.50		0.002	TR	
			56 - 57.62 :- MINOR CARBONATE ON FRACTURES								
			CORE WEATHERS SLIGHTLY BROWNISH.	111637	57.92	59.44	1.52		0.003	TR	
			TS 5-8% CPY << PY, CORE								
			STILL RETAINS DISTINCTIVE PYRITIZED FRACTURE								
			NET. OCC. MINOR FINE BLACK SULPHIDES								
			57.62 - 66.46 :- STRONG SILICA ALT'N / REPL								
			OF ORIGINAL ROCK, + FINE SER.								
			SULPHIDES ARE DISS. & ON DISTINCTIVE RETICULATE								
			NETWORK OF FRACTURES. CORE IS GREY,								
			COMPETENT, MOD HARD.								
			SHORT PREVIOUS SPLIT SECTION 44.0 — 44.66								
			WEAK SHEARING @ 44.82 30° TO C.A.								
			WEAK SHEARING + CLAY @ 45.00 25° TO C.A.								

DIAMOND DRILL RECORD

PROPERTY SABLE - BLACK GOSSAN ZONE HOLE No. 97-16 PAGE 3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-16 Sheet No. 3
Section
Date Begun
Date Finished
Date Logged JUNE 20 /98

Lat.
Dep.
Bearing
Elev. Collar

Total Depth 76.22
Logged By W.A. HOWELL
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
			CONT'D								
			51.3 - 52.3 LOCAL SHEARING / BRECCIATION								
			INCREASED MATRIX CLAY / SER.								
			FRACTS 30° TO C.A AND 0° TO C.A.								
				111638	63.70	65.16	1.45		0.004	TR	
			63.0 - 63.75 STRONG CLAY GOUGE 20° TO C.A.								
				111639	67.75	69.15	1.40		0.005	0.01	
			66.46 - 76.22 CORE REMAINS HARD								
			SILICA DIMINISHES TO END	111640	73.30	74.65	1.35		0.004	TR	
			SER INCREASES TO END								
			RETICULATE NETWORK DIMINISHES								
			TO END.								
			DISS PY IS COMMON								
			TS = 5% ALL PY.								
			EOH = 76.22 = 250'								

DIAMOND DRILL RECORD

PROPERTY SABLE B.G. ZONE HOLE No. 97-17 P.1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. _____
Section _____
Date Begun SEPT 26/97
Date Finished SEPT 27/97
Date Logged JUNE 20 98

UTM
Lat. 6,351,035
Dep. 9,617,135
Bearing Az 24° -55°
Elev. Collar _____

Total Depth _____
Logged By W.A. NOWELL
Claim _____
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
.6	7.9	67%	SILICEOUS: FINE GRAINED ANDESITE (?)				
			STRONGLY WEATHERED FRACTS WHITE - GREY				
7.9	12.2	100%	DISS & FRACT PY TS = 3-5%				
			FRACTS FORM WEAK RETICULATE NET. SIMILAR				
			TO 97-16.				
			SILICEOUS ALTERATION/REPLACEMENT. IS NEAR TOTAL.				
			SAME				
12.2	17.07	87%	DARK GREY STRONGLY SILICEOUS + F.G. SER.				
			LOSES 'FLINTY' NATURE. PY IS 3-5%				
			BOTH DISS. & FRACT CONTROLLED.				
			FRACTS ARE ONLY VERY LIGHTLY WEATHERED				
			AT 17.07. GROUND CORE @ 16.0m				
			SAME				
17.07	22.86	100	DARK GREY COMPETENT CORE WEAK RETICULATE				
			NET OF PYRITIC FRACTS. ALSO WISPY DARK				
			PYRITIC BANDING ~ 70° TO 80° TO C.A.				
			LOCALLY CORE BECOMES 'SPOTTED' IN SLIGHTLY PROPYLITIC				
			SECTIONS - TRACE CHL. IN MATRIX & EP. AROUND CLASTS				
			TS IS 5% CPY << PY				
			PEACOCK STAINS SUGGEST COPPER BUT				
			ONLY TENTATIVE I.D. MADE.				

DIAMOND DRILL RECORD

PROPERTY _____ HOLE No. 97-17 P. 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 2 Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By W. A. Howell

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size NQ

Date Logged JUNE 20 / 98

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
22.86	28.07	100%	SAME :-				
			DARK GREY, FINE GR. QTZ/SER/PY				
			WEAK NETWORK PY FRACTS				
			OCC DARK CLAST.				
			FRACTS 5-30° TO C.A. OCC WEATHERED.				
			TS 5-8% CPY << PY				
28.07	33.08	100%	SAME :-				
			DARK GREY, LOCALLY GROUNDMASS IS				
			MORE CLAY RICH - F.GR. XTLINE MATRIX				
			APPARENT WITH CHALKEY FELDS.				
			PY IS LOCALLY ABUNDANT ON FRACTS AND				
			AS DISS. (FED) T.S. = 5-8% CPY << PY.				
33.08	38.54	90%	SAME ROCK :-				
			DARK GREY MINOR CARB FRACTS.				
			LIMONITE & CLAY ON BROKEN CORE 3Fc's				
			LOWER PART OF BOX IS MORE SILICIFIED.				
			ORIG TEXT. OBLITERATED				
			3-5% PY FED.				
			WELL BROKEN, POSS. VEIN ZONE 37 - 38.5.				

DIAMOND DRILL RECORD

PROPERTY SABLE - BLACK GOSSAN ZONE. HOLE No. 97-17 PAGE 3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 3
Section
Date Begun
Date Finished
Date Logged JUNE 20/98

Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By W.A. HOWELL
Claim
Core Size N.Q

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
38.54	43.75	98%	SAME :- GREY SILICIFIED ANDESITE -				
			WEAK RETICULATE PY VEINLETS/FRACTS				
			OCC CARB. MINOR LIMONITE ON FRACTS				
			OCC. Py VEINLETS HAVE BLEACHED PINKISH SELVAGES				
43.75	49.27	100%	SAME :- HARD GREY CORE. INCREASED				
			BLEACHING & MINOR CARB DEVELOPMENT ON FRACTS.				
			MINOR RHODOCHROSITE (?) OR PINK CALCITE				
			FRACTS ARE COMMONLY 30° TO C.A.				
			CORE IS STRONGLY SILICIFIED THROUGOUT WITH				
			VERY FINE DISS PY. & COARSER FRACTURE PY				
			TS = 3-5% ONLY TR. CPY.				
49.27	54.88	100%	SAME : HARD GREY CORE. GHOST TEXTURES				
			OF ORIGINAL MINERALS (PLAG) LESS CARB				
			THAN PREVIOUS. SLIGHT INCREASE IN PY				
			TS = 5% NO VISIBLE CPY				
54.88	60.12	100%	SAME :- MINOR INCLUSION OF MAFIC SERICITE				
			WITH MINOR MARIPOSITE.				

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN

HOLE No. 97-17 PAGE 4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 4 Lat.

Section Dep.

Date Begun Bearing

Date Finished Elev. Collar

Date Logged JUNE 20 / 98

Total Depth

Logged By W. A. HOWELL

Claim

Core Size N.Q

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
60.12	65.49	100%	SAME:- HARD GREY CORE WITH GHOST RELICT TEXTURES								
			35 cm of VUGGY QTZ BRECCIA PREVIOUSLY	111651	64.0	65.49	1.49		0.003	0.03	
			SPLIT & SAMPLED @ 61.8 - 62.15								
			TOTAL OBLITERATION OF RELICT TEXTURES & INCREASED								
			SILICA @ 64.02 WITH A WEAK PINK/ORANGE								
			FLOODING OF CORE. (ORTHOCLASE(?))								
65.49	70.94	100%	SIMILAR: LESS PINK/ORANGE FLOODING.								
			OCC CLAY GOUGE @ 30° TO C.A.								
			WEAK RETICULATE NET OF PYRITIC FRACTS.								
70.94	76.22	100%	SIMILAR: RELICT TEXTURE SLIGHTLY MORE	111652	74.72	76.22	1.50		0.002	TR	
			APPARENT, FRACTURE SELVAGES ARE								
			BLEACHED & WEAKLY CARBONATE FILLED								
			STILL WITH PY. OCC ORTHOCLASE" XTL MASS								
			DEVELOPED IN MATRIX & ON SELVAGES								
			PY IS FINELY DISS & HEAVILY COATED ON								
			FRACTS T.S. = 5% PY DOMINATES								
			75.34 - 76.22 WEAKLY BRECCIATED WITH								
			CARBONATE & BLEACHED MATRIX.								

DIAMOND DRILL RECORD

PROPERTY SABLE BLACK GOSSAN

HOLE No. 97-17 PAGE 5

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 5
Section
Date Begun
Date Finished
Date Logged JUNE 21 /98

Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By W.A. HOWELL
Claim
Core Size N.Q

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
76.22	82.01	98%	SIMILAR: COMPETENT, HARD, GREY; FINE GR. ANDESITE:				
			STRONGLY ALT'D WITH QTZ/±SER±PY REPLACING				
			ORIGINAL MINERALOGY & TEXTURES.				
			OCC GHOST RELICT TEXTURES				
82.01	87.04	100%	SIMILAR ALT'D ANDESITE:				
			82.32 - 82.6 BROKEN, MINOR CLAY ON FRACTS 15° TO C.A.				
			83.1 -83.6 FOLIATION 25° TO C.A LOOKS LIKE SANDY TUFF(?)				
			BLEACHED & SHEARED WITH INTENSE CLAY/SILICA				
			ALT'N AT 83.25 35° TO C.A.				
			83.64 - 84.35: DARK GREY DIKE(?) WITH				
			WHITE INDISTINCT PLAG. PHENOCRYSTS.				
			CONTACTS ARE BROKEN & NOT CLEAR, 35° TO C.A(?)				
			85.85 - 86.45 PREVIOUSLY SPLIT, KHAKI GREEN.		85.85	86.45	
			FINE EPIDOTE(?) THROUGHOUT MATRIX.				
			RELICT TEXTURES NOT CLEAR. NB ALT'N CHANGE!!				
87.04	92.71	100%	COMPETENT HARD ALT'D AND. (SIMILAR TO PREV)				
			CORE IS A PALE GREY GREEN. FINE EP. (?)				
			NO CARB. PRESENT.				
			91.46 CORE COLOUR CHANGES FROM KHAKI				
			MORE				

DIAMOND DRILL RECORD

PROPERTY SABLE B.G. ZONE HOLE No. 97-17 PAGE 6

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 6 Lat. _____ Total Depth _____

Section _____ Dep. _____ Logged By W.A. HOWELL

Date Begun _____ Bearing _____ Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged JUNE 21 1998

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
92.71	98.54	100	HARD COMPETENT ALT'D F.C. ANDESITE (HFLS)				
			93.80 - 94.51 PREVIOUSLY SPLIT.		93.80	94.51	
			MINOR BLEACHING AROUND PYRITIC FRACTS.				
			TS IS 3-5% PY. THERE ARE				
			SEVERAL DARK GREY CLAST INCLUSIONS				
			IN THE CORE WITH VARIABLE REACTION				
			RIMS FROM 1 cm BLEACHED, WEAKLY PYRITIC				
			± MINOR EPIDOTE TO NO REACTION.				
98.54	103.66	100%	VERY HARD COMPETENT ALT'D (HFLS) ANDESITE.				
			98.65 - 99.0 BROKEN CLAY/CHL ON FRACTS				
			100 - 103.66 NO ORIGINAL TEXTURES OCC. CLAST IS				
			RELATIVELY UNREACTIVE, MINOR FRACTURE				
			NETWORK WITH SLIGHTLY BLEACHED SELVAGES.				
			PYRITE WITH MINOR SPHALERITE ON				
			FRACTURES. MINOR DISS. PY, MOST SULPHIDE				
			IS ON FRACTS T.S. 2-3% PY/SPH =				
			5/1				
			103.05 - 103.66 PREVIOUSLY SPLIT		103.05	103.66	

DIAMOND DRILL RECORD

PROPERTY SABLE - B.G. ADAR HOLE No. 97-17 PAGE 7

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 7 Lat. Total Depth

Section Dep. Logged By W.A. HOWELL

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size N.Q

Date Logged JUNE 21/98

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE		Au oz./T	Ag oz./T	
103.46	109.36	98%	VERY HARD GREY COMPETANT CORE								
			NOW DESCRIBED AS HORNFELSED (ALT'D)								
			SAME ROCK AS BEFORE		103.75	104.05					
			103.75 - 104.05 PREVIOUSLY SPLIT								
			105.15 - 105.3 SHEARED SOFTER	111653	105.15	105.3	.15		0.012	TR	
			GREY QTZ/SER/PY ALT'D								
			TS IS 10% INCLUDES 1-2%								
			FINE BLACK GRANULAR SULPHIDES								
			(NOT SPH.) IN A GRANULAR/FRAGMENTAL								
			QTZ/SER. MATRIX.								
			MINOR GRINDING & LOSS OF CORE @ 105.2								
			NO CU MINERALS IDD								
			103.3 CONTACT (SHEAR) @ 30° TO C.A								
			103.3 - 104.15 HARD DARK GREY DIKE.								
			SIMILAR TO PREVIOUS. LOWER								
			CONTACT IS INTRUSIVE, IRREGULAR.								
			106.65 - 106.71 WEAK SHEARING IN TAN								
			HFLS ANDESITE WITH MINOR CARB								
			& SPH. WITH PYRITE IN A CLAY/SER								

DIAMOND DRILL RECORD

PROPERTY .....

HOLE No. 97-17 – Page 8 END

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 97-17 Sheet No. 8
Section.....
Date Begun.....
Date Finished.....

Lat.....
Dep.....
Bearing.....
Elev. Collar.....

Total Depth.....
Logged By. W.A. Hawkle
JUNE 21 /98

DEPTH	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	WIDTH	Au oz./T	Ag oz./T	
	CONT'D						
	106.71 - 109.76						
	GREY/TAN COLOURED HARD HFLS AND.	111654	107.86 109.36	1.50	0.003	TR	
	OCC PYRITIC FRACTURES, OCC MINOR CARB						
	FILLED FRACTURES.						
	E.O.H = 109.76 = 360'						
	COMMENTS - THE FINE GRAINED ANDESITE						
	MAY BE MORE DACITIC TUFF ORIGINALLY						
	THERE IS A WEAK PERSISTENT FOLIATION/PARTING @						
	30° TO C.A. WITH DEPTH THE ALTERATION						
	BECOMES MORE LIKE HORNFELS - THIS IS CONSISTENT						
	WITH THE HARD SILICIC NATURE AND PRESENCE						
	OF MINOR EPIDOTE, PARTICULARLY IF THE ORIGINAL						
	ROCK WAS A DACITIC TUFF. HIGHER PY						
	CONTENT (±CPY) APPEARS TO GO HAND IN HAND WITH						
	QTZ/SER ALT'N. EITHER PERVASIVELY OR ON						
	SHEARS. THE ENTIRE HOLE APPEARS TO						
	BE IN A STRONGLY ALT'D AND/OR HORNFELSED						
	FINE GRAINED HOST.						

APPENDIX II

CDN RESOURCE LABORATORIES LTD.
2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97185
Date: 09/30/97

Attn: Linda

MINING LEASE SOIL GRID

	Au ppb	Ag ppm
0E 0 + 00N	520	0.7
0E 0 + 25N	30	0.3
0E 0 + 50N	80	2.1
0E 0 + 75N	80	0.2
0E 1 + 00N	70	0.4
0E 1 + 25N	120	1.0
0E 1 + 50N	35	0.4
0E 1 + 75N	55	0.5
0E 2 + 00N	240	0.8
0E 2 + 25N	40	0.7
0E 2 + 50N	80	0.3
0E 2 + 75N	100	0.6
0E 3 + 00N	90	0.7
0E 3 + 25N	100	1.2
0E 3 + 50N	60	1.1
0E 3 + 75N	70	1.4
0E 3 + 90N	105	1.3
1E 0 + 00N	25	0.2
1E 0 + 25N	20	0.2
1E 0 + 50N	25	0.2
1E 0 + 75N	30	0.2
1E 1 + 00N	30	0.4
1E 1 + 25N	15	0.2
1E 1 + 50N	20	0.8
1E 1 + 75N	25	0.4
1E 2 + 00N	20	0.6
1E 2 + 25N	10	0.6
1E 2 + 50N	< 5	1.2
1E 2 + 75N	25	1.0
1E 3 + 00N	30	0.5

1740 Elev

1770 Elev.

Duncan Sanderson
Licensed Assayer of British Columbia

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Vancouver, B.C.
V6C 2T6

File No: 97185
Date: 09/30/97

Attn: Linda

MINING LEASE SOIL GRID

	Au ppb	Ag ppm
1E 3 + 25N	50	1.5
1E 3 + 50N	65	1.4
1E 3 + 75N	80	2.0
1E 4 + 00N	120	5.0

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*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97146
Date: 08/15/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb	Ag ppm
0 + 00 E	0 + 00 N	80	1.1
0 + 00 E	0 + 25N	40	1.0
0 + 00 E	0 + 50N	70	1.2
0 + 00 E	0 + 75N	220	1.6
0 + 00 E	1 + 00N	180	0.9
0 + 00 E	1 + 25N	20	1.0
0 + 00 E	1 + 50N	40	1.1
0 + 00 E	1 + 75N	180	0.9
0 + 00 E	2 + 00N	900	1.2
0 + 00 E	2 + 25N	220	0.4
0 + 00 E	2 + 50N	160	0.5
0 + 00 E	2 + 75N	120	0.6
0 + 00 E	3 + 00N	120	0.7
0 + 00 E	3 + 25N	80	0.7
0 + 00 E	3 + 50N	70	0.6
0 + 00 E	3 + 75N	20	0.4
0 + 00 E	4 + 00N	30	0.5
0 + 00 E	4 + 25N	30	0.5
0 + 00 E	4 + 50N	< 10	0.3
0 + 00 E	4 + 75N	< 10	0.2
0 + 00 E	4 + 90N	30	0.3
0 + 00 E	5 + 25N	40	0.4
0 + 00 E	5 + 50N	60	1.8
0 + 00 E	5 + 75N	40	0.6
0 + 00 E	6 + 00N	40	1.6
0 + 00 E	6 + 25N	20	0.7
0 + 00 E	6 + 50N	60	1.2
0 + 00 E	6 + 75N	70	1.9
0 + 00 E	7 + 00N	50	1.4
0 + 00 E	7 + 25N	60	2.7

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V6C 2T6

File No: 97146
Date: 08/15/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb	Ag ppm
0 + 00 E	7 + 50N	20	0.5
0 + 00 E	7 + 75N	30	0.7
0 + 00 E	8 + 00N	40	1.7
0 + 00 E	8 + 25N	20	0.6
0 + 00 E	8 + 50N	10	1.4
0 + 00 E	8 + 75N	< 10	0.7
0 + 00 E	9 + 00N	< 10	0.6
0 + 00 E	9 + 25N	20	3.2
0 + 00 E	9 + 50N	20	0.6
0 + 00 E	9 + 75N	30	0.3
0 + 00 E	10 + 00N	30	< 0.1
0 + 00 E	10 + 25N	40	1.0
0 + 00 E	10 + 50N	30	0.7
0 + 00 E	10 + 75N	40	1.2
1 + 00 E	0 + 00 N	30	0.2
1 + 00 E	0 + 25N	60	0.6
1 + 00 E	0 + 50N	40	1.1
1 + 00 E	0 + 75N	70	0.2
1 + 00 E	1 + 00N	120	0.2
1 + 00 E	1 + 25N	No	Sample
1 + 00 E	1 + 50N	250	0.2
1 + 00 E	1 + 75N	260	0.2
1 + 00 E	2 + 00N	300	0.5
1 + 00 E	2 + 25N	130	0.2
1 + 00 E	2 + 50N	130	0.2
1 + 00 E	2 + 75N	210	0.2
1 + 00 E	3 + 00N	140	0.2
1 + 00 E	3 + 25N	160	0.3
1 + 00 E	3 + 50N	120	0.4

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1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97146
Date: 08/15/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb	Ag ppm
1 + 00 E	3 + 75N	130	0.1
1 + 00 E	4 + 00N	120	0.3
1 + 00 E	4 + 25N	120	< 0.1
1 + 00 E	4 + 50N	40	0.1
1 + 00 E	4 + 75N	< 10	0.1
1 + 00 E	5 + 00N	40	0.2
1 + 00 E	5 + 25N	40	0.3
1 + 00 E	5 + 50N	10	0.1
1 + 00 E	5 + 75N	< 10	0.2
1 + 00 E	6 + 00N	< 10	0.2
1 + 00 E	6 + 25N	10	0.4
1 + 00 E	6 + 50N	20	0.6
1 + 00 E	6 + 75N	10	1.2
1 + 00 E	7 + 00N	40	2.1
1 + 00 E	7 + 25N	20	0.8
1 + 00 E	7 + 50N	20	0.6
1 + 00 E	7 + 75N	70	2.3
1 + 00 E	8 + 00N	20	3.2
1 + 00 E	8 + 25N	20	1.5
1 + 00 E	8 + 50N	10	0.2
1 + 00 E	8 + 75N	10	0.1
1 + 00 E	9 + 00N	10	0.7
1 + 00 E	9 + 25N	< 10	0.3
1 + 00 E	9 + 50N	< 10	0.4
1 + 00 E	9 + 75N	< 10	0.3
1 + 00 E	10 + 00N	< 10	0.2
1 + 00 E	10 + 25N	10	0.5
1 + 00 E	10 + 50N	< 10	0.4
1 + 00 E	10 + 75N	< 10	0.4
1 + 00 E	11 + 00N	< 10	0.3

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To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97146
Date: 08/15/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb	Ag ppm
2 + 00 E	4 + 50N	60	0.3
2 + 00 E	4 + 75N	40	0.2
2 + 00 E	5 + 00N	20	0.3
2 + 00 E	5 + 25N	10	0.4
2 + 00 E	5 + 50N	< 10	0.1
2 + 00 E	5 + 75N	< 10	0.2
2 + 00 E	6 + 00N	10	0.4
2 + 00 E	6 + 25N	< 10	0.4
2 + 00 E	6 + 50N	20	0.8
2 + 00 E	6 + 75N	20	0.9
2 + 00 E	7 + 00N	10	2.2
2 + 00 E	7 + 25N	20	0.3
2 + 00 E	7 + 50N	20	1.1
2 + 00 E	7 + 75N	30	0.8
2 + 00 E	8 + 00N	20	0.2
2 + 00 E	8 + 25N	10	0.5
2 + 00 E	8 + 50N	< 10	0.2
2 + 00 E	8 + 75N	10	0.1
2 + 00 E	9 + 00N	< 10	2.5
2 + 00 E	9 + 25N	< 10	0.2
2 + 00 E	9 + 50N	< 10	0.2
2 + 00 E	9 + 75N	< 10	0.1
2 + 00 E	10 + 00N	20	0.3
2 + 00 E	10 + 25N	20	0.2
2 + 00 E	10 + 50N	20	< 0.1

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*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97146
Date: 08/15/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

	Au ppb	Ag ppm
97GS01	20	0.8
97GS02	10	0.6
97GS03	10	0.3
97GS04	40	0.5
97GS05	< 10	0.4
97GS06	< 10	1.1
97GS07	280	0.3
97GS08	60	0.2
97GS09	30	0.5
97GS10	10	0.3
97GS11	20	0.4

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*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97155
Date: 08/22/97

NORTH BLACK GOSSAN SOIL GRID

Attn: Linda

	Au ppb	Ag ppm
0 + 00W 1 + 55N	15	0.6
97 GS 12	30	0.9
97 GS 13	80	1.0
97 GS 14	25	0.3

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2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax. 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd.
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97161
Date: 08/29/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb
0 + 50 E	0 + 00 N	70
0 + 50 E	0 + 25N	70
0 + 50 E	0 + 50N	70
0 + 50 E	0 + 75N	140
0 + 50 E	1 + 00N	No sample
0 + 50 E	1 + 25N	255
0 + 50 E	1 + 50N	250
0 + 50 E	1 + 75N	150
0 + 50 E	2 + 00N	120
0 + 50 E	2 + 25N	120
0 + 50 E	2 + 50N	140
0 + 50 E	2 + 75N	200
0 + 50 E	3 + 00N	210
0 + 50 E	3 + 25N	155
0 + 50 E	3 + 50N	690
0 + 50 E	3 + 75N	80
0 + 50 E	4 + 00N	75
0 + 50 E	4 + 25N	70
0 + 50 E	4 + 50N	30
0 + 50 E	4 + 75N	50
0 + 50 E	5 + 00N	60
0 + 50 E	5 + 25N	40
0 + 50 E	5 + 50N	15
0 + 50 E	5 + 75N	10
0 + 50 E	6 + 00N	25
0 + 50 E	6 + 25N	10
0 + 50 E	6 + 50N	20
0 + 50 E	6 + 75N	20
0 + 50 E	7 + 00N	20
0 + 50 E	7 + 25N	55

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CDN RESOURCE LABORATORIES LTD.

2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97161
Date: 08/29/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb
0 + 50 E	7 + 50N	50
0 + 50 E	7 + 75N	55
0 + 50 E	8 + 00N	120
0 + 50 E	8 + 25N	40
0 + 50 E	8 + 50N	20
0 + 50 E	8 + 75N	25
0 + 50 E	9 + 00N	20
0 + 50 E	9 + 25N	20
0 + 50 E	9 + 50N	20
0 + 50 E	9 + 75N	25
+ 50 E	10 + 00N	45
0 + 50 E	10 + 25N	30
0 + 50 E	10 + 50N	30
0 + 50 E	10 + 75N	35
0 + 50 E	11 + 00N	40
0 + 50 E	11 + 25N	25
0 + 50 E	11 + 50N	25
0 + 00 E	0 + 25S	55
0 + 00 E	0 + 50S	60
0 + 00 E	0 + 75S	55
0 + 00 E	1 + 00S	30
0 + 00 E	1 + 25S	60
0 + 00 E	1 + 50S	30
0 + 00 E	1 + 75S	35
0 + 00 E	2 + 00S	35
0 + 50 E	0 + 25S	40
0 + 50 E	0 + 50S	65
0 + 50 E	0 + 75S	50
0 + 50 E	1 + 00S	50
0 + 50 E	1 + 25S	30

Duncan Sanderson
Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd.,
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97161
Date: 08/29/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb
0 + 50 E	1 + 50S	40
0 + 50 E	1 + 75S	30
0 + 50 E	2 + 00S	20
1 + 00 E	0 + 25S	100
1 + 00 E	0 + 50S	30
1 + 00 E	0 + 75S	30
1 + 00 E	1 + 00S	20
1 + 00 E	1 + 25S	15
1 + 00 E	1 + 50S	10
1 + 00 E	1 + 75S	20
1 + 00 E	2 + 00S	50
2 + 00 E	0 + 25S	40
2 + 00 E	0 + 50S	55
2 + 00 E	0 + 75S	20
2 + 00 E	1 + 00S	15
2 + 00 E	1 + 25S	40
2 + 00 E	1 + 50S	15
2 + 00 E	1 + 75S	20
2 + 00 E	2 + 00S	15
2 + 00 E	2 + 25S	30
2 + 00 E	2 + 50S	10
2 + 00 E	0 + 00 N	35
2 + 00 E	0 + 25N	50
2 + 00 E	0 + 50N	60
2 + 00 E	0 + 75N	80
2 + 00 E	1 + 00N	155
2 + 00 E	1 + 25N	170
2 + 00 E	1 + 50N	220
2 + 00 E	1 + 75N	185
2 + 00 E	2 + 00N	240

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*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97161
Date: 08/29/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb
2 + 00 E	2 + 25N	370
2 + 00 E	2 + 50N	210
2 + 00 E	2 + 75N	145
2 + 00 E	3 + 00N	120
2 + 00 E	3 + 25N	180
2 + 00 E	3 + 50N	160
2 + 00 E	3 + 75N	120
2 + 00 E	4 + 00N	120
2 + 00 E	4 + 25N	50
0 + 00 E	2 + 00N	255
+ 00 E	7 + 25N	40

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2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd..
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97172
Date: 09/12/97

Attn: Linda

NORTH BLACK GOSSAN SOIL GRID

		Au ppb	Ag ppm
1 + 50 N	2 + 10 E	240	0.6
1 + 50 N	2 + 20 E	330	1.5
1 + 50 N	2 + 30 E	190	2.1
1 + 50 N	2 + 40 E	210	0.9
1 + 50 N	2 + 50 E	310	2.7
1 + 50 N	2 + 60 E	330	3.5
1 + 50 N	2 + 70 E	630	0.3
1 + 50 N	2 + 80 E	610	<0.1
1 + 50 N	2 + 90 E	280	<0.1
1 + 50 N	3 + 00 E	170	<0.1
1 + 50 N	3 + 10 E	170	<0.1
2 + 50 N	2 + 10 E	300	0.4
+ 50 N	2 + 20 E	240	0.2
2 + 50 N	2 + 30 E	200	<0.1
2 + 50 N	2 + 40 E	170	2.3
2 + 50 N	2 + 50 E	220	2.2
2 + 50 N	2 + 60 E	460	<0.1
2 + 50 N	2 + 70 E	180	<0.1
2 + 50 N	2 + 80 E	80	<0.1
2 + 50 N	2 + 90 E	180	<0.1
2 + 50 N	3 + 00 E	160	<0.1
3 + 50 N	2 + 10 E	310	<0.1
3 + 50 N	2 + 20 E	140	<0.1
3 + 50 N	2 + 30 E	270	<0.1
3 + 50 N	2 + 40 E	120	<0.1
3 + 50 N	2 + 50 E	130	<0.1
3 + 50 N	2 + 60 E	120	<0.1
3 + 50 N	2 + 70 E	140	<0.1
3 + 50 N	2 + 80 E	110	<0.1
3 + 50 N	2 + 90 E	130	<0.1
3 + 50 N	3 + 00 E	120	<0.1
NBG UR	0 + 87M	1900	0.1
2 + 50 N	2 + 20 E Gravel	80	0.1

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Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd.
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97175
Date: 09/17/97

Attn: Linda

NORTH BLACK GOSSAN GRID

		Au ppb	Ag ppm
5 + 00E	0 + 00N	80	3.4
5 + 00E	0 + 25N	60	0.7
5 + 00E	0 + 50N	60	1.0
5 + 00E	0 + 75N	100	0.1
5 + 00E	1 + 00N	80	0.2
5 + 00E	1 + 25N	85	0.3
5 + 00E	1 + 50N	70	0.2
5 + 00E	1 + 75N	75	0.2
5 + 00E	2 + 00N	110	0.2
5 + 00E	2 + 25N	110	0.3
5 + 00E	2 + 50N	55	0.1
5 + 00E	2 + 75N	85	0.1
5 + 00E	3 + 00N	40	0.1

Duncan Sanderson
Licensed Assayer of British Columbia

CAVENDISH LABORATORY LTD.
1650 Pandora Street
Vancouver, B.C. V5L 1L6
Ph:(804)251-4458 Fax:258-9497

To: CDN RESOURCE LAB.
2225 S Springer Ave.
Burnaby , B.C. Canada V5B-3N1

Attention: Duncan
Project: Sable

NORTH BLACK GOSSAN ICP

Samples: 101
Date In: 8/29/97
Date Out: 9/3/97
Sample Type: Solutions
Preparation: None
Type of Analysis: ICP32 AR

CERTIFICATE OF ANALYSIS# *970829A*

Sample Name	PPM Ag	% Al	PPM As	PPM B	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	% S	PPM Sb	PPM Sc	% Sl	PPM Sn	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
0+50E 0+00N	3.2	1.22	16	50	275	0.4	4	0.01	1.2	3	8	70	7.39	0.22	11	0.39	335	8	0.06	2	1642	78	n/a	<2	<5	0.04	<5	20	<.01	33	21	105
0+50E 0+25N	2.3	1.44	17	47	343	0.5	<3	0.02	0.8	2	9	40	5.24	0.30	11	0.51	372	7	0.09	2	1878	80	n/a	<2	<5	0.04	<5	30	0.01	33	13	79
0+50E 0+50N	2.1	1.14	14	47	220	0.4	<3	0.01	1.0	<2	4	26	7.31	0.16	12	0.42	334	7	0.05	3	1812	77	n/a	<2	<5	0.05	<5	22	<.01	28	8	59
0+50E 0+75N	0.8	0.71	15	51	125	0.2	<3	<.01	<.5	<2	3	23	8.84	0.08	8	0.22	78	17	0.02	<1	1360	69	n/a	<2	<5	0.04	<5	12	<.01	27	8	21
50E 1 - 00N empty	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
0+50E 1+25N	1.5	0.36	13	46	39	0.3	<3	<.01	<.5	<2	6	27	9.88	0.03	7	0.18	87	36	0.01	1	816	48	n/a	<2	<5	0.05	<5	8	<.01	26	4	23
0+50E 1+50N	1.3	0.63	33	41	219	0.3	<3	<.01	<.5	<2	5	39	6.52	0.16	12	0.22	69	40	0.03	<1	1188	66	n/a	<2	<5	0.04	<5	9	<.01	25	5	36
0+50E 1+75N	0.3	0.84	4	30	159	0.3	<3	<.01	<.5	3	7	49	5.48	0.09	14	0.25	197	63	0.02	<1	1313	73	n/a	<2	<5	0.04	<5	7	<.01	30	7	54
0+50E 2+00N	0.6	1.37	14	38	416	1.0	<3	0.07	1.5	10	4	136	6.02	0.28	14	0.44	585	20	0.03	4	1473	54	n/a	<2	<5	0.04	<5	22	0.04	58	6	178
0+50E 2+25N	0.5	1.11	<2	42	267	0.4	<3	0.01	<.5	2	6	70	6.74	0.32	14	0.37	171	43	0.04	2	1585	57	n/a	<2	<5	0.04	<5	18	0.01	48	4	41
0+50E 2+50N	<.1	1.89	<2	44	351	0.5	<3	0.01	0.6	<2	8	67	5.52	0.24	12	0.25	147	73	0.04	2	1504	43	n/a	<2	<5	0.04	<5	16	<.01	57	11	37
0+50E 2+75N	0.7	1.45	18	40	294	0.5	<3	0.02	0.7	3	24	77	8.38	0.35	18	0.63	212	29	0.05	4	2078	47	n/a	<2	<5	0.05	<5	18	0.05	80	<2	53
0+50E 3+00N	0.7	1.48	28	38	338	0.6	<3	0.02	<.5	3	23	56	8.04	0.30	15	0.58	182	21	0.06	4	2078	41	n/a	<2	<5	0.05	<5	27	0.05	84	7	60
0+50E 3+25N	0.3	1.54	12	39	383	0.5	<3	0.02	<.5	3	22	47	8.92	0.37	14	0.66	198	22	0.07	4	2377	38	n/a	6	<5	0.04	<5	38	0.05	84	2	41
0+50E 3+50N	0.8	1.14	<2	37	200	0.3	<3	0.01	<.5	<2	10	43	7.47	0.60	12	0.50	108	12	0.06	1	1494	18	n/a	<2	<5	0.04	<5	14	<.01	40	<2	26
0+50E 3+75N	1.1	1.28	13	44	359	0.5	<3	0.01	<.5	<2	15	32	7.61	0.22	13	0.36	178	15	0.08	8	1857	30	n/a	<2	<5	0.04	<5	29	0.01	44	7	37
0+50E 4+00N	<.1	1.33	<2	45	315	0.4	<3	0.01	0.5	<2	14	28	5.54	0.14	8	0.33	250	19	0.05	5	1506	24	n/a	3	<5	0.03	<5	20	0.02	48	3	37
0+50E 4+25N	<.1	1.43	<2	45	183	0.4	<3	0.01	<.5	<2	12	19	3.63	0.08	8	0.17	178	7	0.02	4	1111	23	n/a	<2	<5	0.04	<5	14	<.01	48	<2	33
0+50E 4+50N	0.8	1.18	16	41	336	0.5	<3	<.01	<.5	<2	8	19	6.16	0.10	10	0.22	142	4	0.10	4	2158	31	n/a	4	<5	0.05	<5	32	0.03	43	<2	32
0+50E 4+75N	0.8	0.70	13	35	306	0.3	<3	0.01	<.5	<2	15	17	7.08	0.13	11	0.27	104	3	0.07	3	1673	34	n/a	<2	<5	0.05	<5	26	0.07	60	6	20
0+50E 5+00N	1.2	0.92	40	39	289	0.4	<3	0.01	<.5	<2	9	18	11.50	0.23	18	0.14	124	3	0.13	4	3537	33	n/a	<2	<5	0.04	<5	46	0.02	41	6	31
0+50E 5+25N	1.1	1.32	17	40	312	0.5	<3	0.01	<.5	3	12	22	8.18	0.09	13	0.22	436	3	0.06	8	2268	42	n/a	<2	<5	0.06	<5	42	0.03	52	<2	38
0+50E 5+50N	0.8	1.31	19	41	248	0.5	<3	0.01	<.5	3	13	18	8.04	0.09	10	0.23	208	4	0.05	7	2101	53	n/a	<2	<5	0.05	<5	33	0.05	54	<2	55
0+50E 5+75N	0.7	0.66	31	37	258	0.4	<3	0.01	<.5	<2	9	18	8.59	0.17	13	0.19	180	4	0.08	4	1792	67	n/a	<2	<5	0.05	<5	40	0.05	50	<2	57
0+50E 6+00N	0.8	1.30	27	43	298	0.6	<3	0.01	0.5	2	14	24	9.89	0.16	13	0.31	262	4	0.08	8	2047	42	n/a	<2	<5	0.04	<5	38	0.04	69	<2	61
0+50E 6+25N	1.5	1.48	42	40	255	0.6	<3	0.02	0.5	2	8	21	8.24	0.15	10	0.27	440	3	0.04	6	2240	78	n/a	<2	<5	0.05	<5	26	0.02	56	<2	79
0+50E 6+50N	1.4	1.48	38	40	380	0.6	<3	0.02	<.5	4	13	32	7.34	0.18	10	0.30	611	2	0.04	8	2248	81	n/a	<2	<5	0.04	<5	42	0.02	46	<2	88
0+50E 6+75N	0.7	1.28	45	33	280	0.6	<3	0.02	<.5	3	13	24	7.00	0.12	7	0.31	370	3	0.03	6	1930	58	n/a	<2	<5	0.04	<5	23	0.04	41	<2	82
0+50E 7+00N	0.8	1.22	47	30	237	0.8	<3	0.01	<.5	4	11	28	8.03	0.11	11	0.33	351	4	0.03	6	2180	77	n/a	3	<5	0.05	<5	23	0.04	48	<2	110
0+50E 7+25N	2.1	1.38	39	29	188	0.6	<3	0.01	<.5	6	11	43	8.07	0.14	7	0.28	815	5	0.03	8	1900	82	n/a	6	<5	0.05	<5	18	0.04	48	4	101
0+50E 7+50N	2.3	1.27	54	28	294	0.5	<3	0.02	<.5	3	7	29	7.89	0.26	11	0.36	441	4	0.04	4	1651	59	n/a	3	<5	0.04	<5	30	0.04	45	3	80
0+50E 7+75N	2.6	1.17	69	34	280	0.5	<3	0.02	0.7	4	9	31	9.32	0.18	14	0.33	411	5	0.03	8	2265	59	n/a	<2	<5	0.05	<5	37	0.03	46	<2	78
0+50E 8+00N	2.1	1.22	45	34	334	0.5	<3	0.02	<.5	3	8	28	9.21	0.21	11	0.40	372	7	0.05	7	2120	66	n/a	<2	<5	0.05	<5	36	0.07	53	<2	91
0+50E 8+25N	2.3	0.84	42	28	147	0.4	<3	0.02	<.5	3	2	17	8.81	0.33	22	0.26	282	8	0.28	4	2447	80	n/a	<2	<5	0.05	<5	117	0.11	42	<2	51
0+50E 8+50N	0.4	0.83	34	36	317	0.3	<3	0.05	<.5	3	2	15	6.86	0.21	10	0.18	220	4	0.08	3	1964	22	n/a	<2	<5	0.07	<5	78	0.04	28	<2	24
0+50E 8+75N	3.4	0.81	56	31	217	0.3	<3	<.01	<.5	2	<1	14	8.48	0.10	19	0.10	114	10	0.04	<1	3294	55	n/a	<2	<5	0.05	<5	42	0.01	44	4	29
0+50E 9+00N	0.8	1.22	18	40	154	0.3	<3	0.01	<.5	<2	<1	18	4.47	0.06	7	0.10	218	5	0.03	2	832	19	n/a	<2	<5	0.04	<5	17	<.01	26	<2	20
0+50E 9+25N	<.1	1.34	18	42	175	0.3	<3	0.01	<.5	<2	1	12	5.68	0.06	4	0.13	138	5	0.05	2	1328	19	n/a	3	<5	0.05	<5	24	0.04	30	<2	25
0+50E 9+50N	<.1	1.85	10	42	198	0.5	<3	0.02	<.5	5	21	23	5.37	0.05	6	0.38	242	2	0.03	15	721	30	n/a	2	<5	0.07	<5	18	0.05	40	<2	57
0+50E 9+75N	1.9	1.51	35	36	303	0.5	<3	0.26	<.5	4	14	29	10.61	0.14	10	0.20	265	7	0.09	75	2621	30	n/a	<2	<5	0.11	<5	59	0.11	52	5	41
0+50E 10+00N	1.2	1.38	21	36	245	0.4	<3	0.09	0.7	3	<1	14	8.73	0.09	5	0.18	264	6	0.05	2	1891	29	n/a	3	<5	0.12	<5	49	0.12	36	<2	48

File Name:CDN0829A.XLS

CERTIFIED BY: Wade Reeves

CAVENDISH LABORATORY LTD.
1650 Pandora Street
Vancouver, B.C. V5L 1L6
Ph:(604)251-4456 Fax:258-9497

To: CDN RESOURCE LAB.
2225 S Springer Ave.
Burnaby , B.C. Canada V5B-3N1

Attention: Duncan
Project: Sable NORTH BLACK GOSSAN ICP

Samples: 101
Date In: 8/29/97
Date Out: 9/3/97
Sample Type: Solutions
Preparation: None
Type of Analysis: ICP32 AR

CERTIFICATE OF ANALYSIS# 9708294

Sample Name	PPM Ag	% Al	PPM As	PPM B	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	% S	PPM Sb	PPM Sc	% Sr	PPM Th	PPM Ti	% Tl	PPM V	PPM W	PPM Zn
0-50E 10+25N	1.7	1.25	28	31	288	0.5	<3	0.09	<.5	8	<1	17	9.72	0.14	8	0.19	550	2	0.09	4	1888	91	n/a	4	<5	0.10	<5	86	0.14	30	<2	82
0-50E 10+50N	1.7	1.86	28	42	221	0.6	<3	0.25	<.5	9	1	21	8.61	0.09	7	0.18	862	3	0.08	6	1900	37	n/a	<2	<5	0.11	<5	70	0.13	28	<2	78
0+50E 10+75N	2.2	1.44	36	33	148	0.5	<3	0.09	0.6	25	2	24	8.86	0.08	4	0.21	2388	13	0.02	8	1854	45	n/a	<2	<5	0.10	<5	24	0.11	24	<2	83
0+50E 11+00N	3.7	2.40	39	28	74	2.5	<3	1.18	0.8	11	<1	25	14.20	0.10	23	0.15	526	20	0.03	6	1678	48	n/a	3	<5	0.18	<5	98	<.01	29	<2	84
0+50E 11+25N	1.1	1.52	15	43	101	0.4	<3	0.03	0.8	8	4	13	4.81	0.01	3	0.18	1855	3	0.02	3	2298	22	n/a	<2	<5	0.06	<5	8	<.01	48	<2	45
0+50E 11+50N	1.8	2.21	4	40	72	0.8	<3	0.08	0.8	6	1	17	5.90	0.02	7	0.11	1884	3	0.02	4	2023	27	n/a	3	<5	0.16	<5	19	<.01	30	<2	60
0+00E 0+25S	1.3	1.30	12	28	316	0.5	<3	0.01	0.7	3	5	26	7.89	0.24	14	0.39	298	11	0.07	3	1855	80	n/a	5	<5	0.04	<5	28	0.01	34	<2	78
0+00E 0+50S	2.3	1.78	22	36	416	0.8	<3	0.03	0.8	9	9	36	9.02	0.16	12	0.48	489	7	0.10	8	2885	83	n/a	3	<5	0.05	<5	62	0.04	45	<2	97
0+00E 0+75S	1.7	1.41	17	27	348	0.7	<3	0.02	0.7	2	4	44	10.21	0.23	13	0.30	287	13	0.11	4	2896	58	n/a	<2	<5	0.05	<5	84	0.03	48	2	88
0-00E 1+00S	0.7	1.84	15	31	234	0.6	<3	0.01	0.8	2	6	18	6.66	0.14	10	0.38	448	5	0.06	2	1996	47	n/a	<2	<5	0.05	<5	34	0.01	28	<2	80
0-00E 1+25S	0.3	0.81	23	21	280	0.4	<3	0.03	0.8	3	7	21	7.08	0.27	14	0.27	185	5	0.06	3	1724	53	n/a	3	<5	0.05	<5	51	0.04	31	3	57
0+00E 1-50S	1.7	1.38	31	35	337	0.7	4	0.02	<.5	3	1	27	8.78	0.19	12	0.15	281	4	0.06	4	2592	100	n/a	<2	<5	0.06	<5	80	0.02	35	<2	68
0+00E 1-75S	0.7	1.24	30	35	263	0.7	<3	0.03	<.5	3	20	32	8.99	0.19	13	0.28	321	9	0.08	8	2413	53	n/a	3	<5	0.06	<5	78	0.02	31	<2	61
0+00E 2+00S	<.1	1.13	9	35	169	0.6	<3	0.01	1.1	3	9	21	5.48	0.12	11	0.22	329	4	0.08	8	1613	37	n/a	<2	<5	0.03	<5	36	<.01	29	4	53
0+50E 0+25S	0.4	1.57	9	31	282	0.5	5	0.02	<.5	<2	<1	40	6.57	0.26	12	0.55	280	3	0.07	2	1858	17	n/a	5	<5	0.03	<5	39	<.01	24	2	62
0+50E 0+50S	2.0	1.43	18	28	372	0.8	<3	0.06	1.1	3	5	32	10.14	0.20	16	0.52	487	8	0.12	5	2987	88	n/a	<2	<5	0.06	<5	112	0.04	36	8	101
0+50E 0+75S	3.6	1.86	18	31	258	0.8	<3	0.03	<.5	2	4	38	12.10	0.08	11	0.24	376	3	0.07	7	2470	60	n/a	<2	<5	0.11	<5	96	0.03	52	6	69
0+50E 1+00S	1.1	0.88	32	30	236	0.6	<3	0.02	<.5	2	<1	18	6.04	0.09	13	0.23	174	2	0.06	2	1372	106	n/a	4	<5	0.08	<5	47	0.03	26	7	85
0-50E 1+25S	1.4	1.11	27	38	267	0.8	<3	0.03	0.8	2	10	30	8.53	0.22	18	0.23	286	4	0.12	6	2651	97	n/a	6	<5	0.08	<5	114	0.03	42	3	57
0-50E 1+50S	2.1	0.75	34	33	288	0.8	<3	0.01	1.2	3	11	38	9.84	0.27	20	0.16	270	3	0.11	3	2786	278	n/a	6	<5	0.04	<5	58	0.07	44	6	181
0+50E 1-75S	0.3	0.65	13	44	142	0.5	<3	0.01	0.8	3	7	17	2.95	0.06	7	0.14	347	5	0.04	4	1094	21	n/a	<2	<5	0.04	<5	21	<.01	18	4	42
0+50E 2+00S	0.9	1.06	19	40	181	0.7	4	0.01	<.5	4	10	24	4.07	0.10	12	0.24	375	3	0.05	9	1211	36	n/a	<2	<5	0.04	<5	28	0.02	25	7	58
1+00E 0+25S	2.3	1.06	19	37	369	0.7	<3	0.02	0.6	4	3	27	8.30	0.22	18	0.28	319	6	0.11	4	2338	123	n/a	6	<5	0.04	<5	57	0.02	27	13	68
1+00E 0+50S	0.3	0.88	19	36	178	0.6	<3	0.01	0.7	<2	6	17	5.41	0.18	11	0.24	280	5	0.08	3	1846	57	n/a	<2	<5	0.04	<5	36	<.01	26	10	47
1+00E 0+75S	0.2	0.70	18	38	215	0.6	<3	0.01	<.5	<2	1	23	5.82	0.27	10	0.09	127	4	0.08	3	1968	84	n/a	<2	<5	0.04	<5	57	0.01	31	10	35
1+00E 1+00S	<.1	0.81	20	42	128	0.8	4	0.02	<.5	2	4	21	4.88	0.17	11	0.11	134	5	0.06	3	1430	44	n/a	<2	<5	0.03	<5	54	0.01	22	<2	48
1-00E 1+25S	0.3	1.15	18	47	191	0.8	<3	0.02	1.1	4	9	23	3.85	0.11	10	0.24	210	5	0.05	8	1154	38	n/a	7	<5	0.04	<5	27	<.01	27	8	53
1+00E 1-50S	<.1	1.04	18	39	177	0.7	<3	0.01	<.5	3	9	24	3.56	0.10	12	0.27	371	4	0.05	8	1228	44	n/a	<2	<5	0.03	<5	30	0.01	25	7	53
1+00E 1-75S	<.1	1.25	7	46	140	0.8	5	0.03	0.9	8	18	26	3.62	0.06	8	0.38	430	2	0.03	19	847	57	n/a	5	<5	0.04	<5	21	0.03	29	8	79
1+00E 2+00S	<.1	1.11	23	32	152	0.6	<3	0.03	0.9	8	12	18	3.27	0.10	11	0.42	628	<1	0.03	12	1104	40	n/a	3	<5	0.03	<5	21	0.02	30	4	93
2+00E 0+25S	1.2	0.68	12	40	184	0.4	<3	0.01	1.1	3	2	21	7.80	0.61	34	0.24	206	12	0.13	2	1732	63	n/a	<2	<5	0.03	<5	48	<.01	14	<2	67
2+00E 0+50S	2.2	0.88	17	42	170	0.4	<3	<.01	<.5	<2	7	17	8.73	0.45	16	0.02	243	8	0.06	2	1590	112	n/a	<2	<5	0.03	<5	31	<.01	31	5	91
2+00E 0+75S	0.8	0.92	10	38	225	0.5	<3	0.01	<.5	3	10	20	5.27	0.91	10	0.21	270	7	0.06	3	1855	38	n/a	2	<5	0.04	<5	27	<.01	33	<2	84
2-00E 1+00S	0.4	0.99	16	40	225	0.5	4	0.01	<.5	<2	8	22	4.84	0.23	12	0.17	210	6	0.04	6	1487	21	n/a	<2	<5	0.03	<5	38	<.01	28	<2	95
2-00E 1-25S	0.4	1.24	13	39	169	0.7	5	0.01	1.1	4	6	25	4.61	0.11	14	0.26	339	4	0.08	9	1358	38	n/a	<2	<5	0.04	<5	25	<.01	30	<2	80
2+00E 1+50S	1.0	0.83	25	41	332	0.7	<3	0.01	<.5	2	1	20	5.83	0.40	34	0.11	212	11	0.08	3	1818	50	n/a	6	<5	0.04	<5	98	<.01	17	<2	40
2+00E 1+75S	1.4	1.57	20	47	227	0.8	4	0.02	0.8	5	10	28	4.71	0.10	12	0.28	375	4	0.04	10	944	66	n/a	3	<5	0.05	<5	28	0.02	33	2	72
2+00E 2+00S	<.1	1.36	48	44	278	0.8	<3	0.02	0.8	4	5	3	5.08	0.21	22	0.21	590	15	0.04	5	1476	65	n/a	<2	<5	0.04	<5	24	<.01	30	6	65
2+00E 2+25S	<.1	1.02	27	37	257	0.7	5	0.07	1.0	8	5	17	4.65	0.17	13	0.62	918	7	0.03	13	1200	62	n/a	<2	<5	0.04	<5	21	<.01	38	7	201
2-00E 2+50S	<.1	0.80	20	38	475	0.5	8	0.10	0.7	6	5	16	3.80	0.24	18	0.47	481	5	0.03	6	1087	40	n/a	2	<5	0.03	<5	35	0.01	28	4	44
2+00E 0+00N	1.0	1.02	20	25	204	0.6	<3	<.01	0.7	6	5	19	5.94	0.21	19	0.42	368	11	0.06	5	1804	148	n/a	5	<5	0.05	<5	21	<.01	35	2	118

CERTIFIED BY: Wade Reeves

CAVENDISH LABORATORY LTD.
1650 Pandora Street
Vancouver, B.C. V5L 1L6
Ph:(604)251-4456 Fax:258-9497

To: CDN RESOURCE LAB.
2225 S Springer Ave.
Burnaby , B.C. Canada V5B-3N1

Attention: Duncan
Project: Sable NORTH BLACK GOSSAN ICP

Samples: 101
Date In: 8/29/97
Date Out: 9/3/97
Sample Type: Solutions
Preparation: None
Type of Analysis: ICP32 AR

CERTIFICATE OF ANALYSIS# 970829A

Sample Name	Ag PPM	Al %	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Ca %	Cd PPM	Co PPM	Cr PPM	Cu PPM	Fe %	K %	La PPM	Mg %	Mn PPM	Mo PPM	Na %	Ni PPM	P PPM	Pb PPM	S %	Sb PPM	Sc PPM	Sr %	Th PPM	Ti PPM	Ti %	V PPM	W PPM	Zn PPM
2+00E 0+25N	1.4	0.53	22	28	242	0.4	9	<.01	0.6	<2	6	22	11.08	0.21	20	0.28	184	9	0.06	4	2622	158	n/a	<2	<5	0.05	<5	42	0.03	32	<2	53
2+00E 0+50N	<.1	0.80	19	32	200	0.4	10	0.01	1.2	<2	5	20	8.12	0.28	35	0.48	195	42	0.06	2	1948	62	n/a	<2	<5	0.04	<5	60	<.01	27	2	46
2+00E 0+75N	1.1	1.40	38	38	317	0.6	11	0.01	1.1	5	8	27	8.51	0.24	18	0.58	289	10	0.11	4	2444	120	n/a	7	<5	0.06	<5	62	0.05	42	<2	109
2+00E 1+00N	0.3	0.88	18	25	156	0.4	8	<.01	<.5	<2	17	35	9.73	0.06	8	0.62	112	25	0.02	5	1924	80	n/a	<2	<5	0.05	<5	8	<.01	71	<2	31
2+00E 1+25N	1.3	0.64	18	38	184	0.3	4	<.01	0.6	3	7	20	5.21	0.21	16	0.17	125	28	0.03	3	1847	46	n/a	<2	<5	0.04	<5	24	<.01	23	<2	28
2+00E 1+50N	1.6	0.49	42	31	138	0.3	8	<.01	<.5	<2	19	29	9.78	0.26	12	0.32	93	35	0.04	3	2980	70	n/a	7	<5	0.04	<5	17	<.01	90	6	31
2+00E 1+75N	1.1	0.48	35	39	89	0.3	6	<.01	<.5	2	2	18	8.72	0.07	8	0.13	78	27	0.02	2	1282	36	n/a	5	<5	0.04	<5	5	<.01	23	4	21
2+00E 2+00N	0.8	0.82	18	41	167	0.3	<3	<.01	<.5	3	28	29	9.57	0.19	12	0.39	110	32	0.02	4	1470	50	n/a	3	<5	0.04	<5	11	<.01	51	5	36
2+00E 2+25N	1.0	0.78	42	39	291	0.3	4	<.01	<.5	2	7	24	8.17	0.27	16	0.27	102	48	0.04	3	1108	61	n/a	3	<5	0.04	<5	10	<.01	29	6	38
2+00E 2+50N	1.0	0.67	29	38	265	0.3	4	<.01	<.5	<2	8	24	4.83	0.25	11	0.27	102	27	0.04	2	940	45	n/a	<2	<5	0.04	<5	7	<.01	23	4	24
2+00E 2+75N	0.1	1.05	18	41	212	0.4	9	<.01	0.5	<2	13	27	5.89	0.26	13	0.40	146	16	0.04	4	1491	37	n/a	6	<5	0.04	<5	8	<.01	40	<2	38
2+00E 3+00N	<.1	1.33	9	38	274	0.4	8	0.01	0.8	<2	18	25	7.06	0.26	13	0.54	211	18	0.04	5	1480	27	n/a	<2	<5	0.05	<5	10	<.01	62	<2	32
2+00E 3+25N	<.1	1.80	28	36	315	0.6	4	0.02	1.3	4	36	48	9.27	0.38	15	1.07	286	22	0.06	8	2842	51	n/a	5	<5	0.05	<5	48	0.09	128	<2	46
2+00E 3+50N	<.1	1.62	22	37	418	0.6	9	0.02	<.5	4	24	28	9.05	0.28	18	0.69	278	24	0.06	8	2843	42	n/a	7	<5	0.05	<5	27	0.01	82	<2	48
2+00E 3+75N	<.1	1.81	12	38	448	0.5	4	0.02	<.5	2	18	28	8.04	0.28	17	0.76	254	57	0.05	7	2306	38	n/a	3	<5	0.04	<5	28	0.02	80	4	40
2+00E 4+00N	0.2	2.07	15	41	373	0.6	7	0.01	0.9	3	18	24	8.70	0.16	13	0.58	273	18	0.04	6	1712	38	n/a	11	<5	0.06	<5	11	0.01	71	<2	45
2+00E 4+25N	<.1	1.25	5	52	119	0.4	3	0.01	0.6	<2	14	15	3.21	0.02	8	0.17	78	10	0.02	3	1065	23	n/a	3	<5	0.05	<5	8	<.01	34	4	21
0+00E 2+00N	0.5	1.74	6	42	128	0.6	<3	0.02	1.3	3	7	149	8.88	0.61	20	0.42	195	88	0.11	5	2206	88	n/a	4	<5	0.05	<5	29	0.06	82	4	42
0+00E 7+25N	7.7	1.42	48	42	136	0.5	9	0.02	<.5	4	8	23	6.76	0.10	10	0.20	265	7	0.02	7	1389	49	n/a	4	<5	0.04	<5	15	0.01	45	<2	48

CERTIFIED BY: Wade Reeves

CDN RESOURCE LABORATORIES LTD.
2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

*** GEOCHEMICAL REPORT ***

To: Sable Resources Ltd.
1130 - 625 Howe Street
Vancouver, B.C.
V6C 2T6

File No: 97137
Date: 07/25/97

Attn: Linda

CLANCEY ZONE SOIL GRID

		Au ppb	Ag ppm
0 + 00 W	0 + 00 N	20	0.2
0 + 00 W	0 + 10 N	110	0.8
0 + 00 W	0 + 20 N	80	0.4
0 + 00 W	0 + 30 N	10	0.2
0 + 00 W	0 + 40 N	20	0.2
0 + 00 W	0 + 50 N	20	0.2
0 + 00 W	0 + 60 N	10	0.4
0 + 00 W	0 + 70 N	10	1.2
0 + 00 W	0 + 80 N	10	0.9
0 + 00 W	0 + 90 N	50	1.0
0 + 00 W	1 + 00 N	20	0.4
0 + 00 W	1 + 10 N	15	0.2
0 + 00 W	1 + 20 N	5	0.2
0 + 00 W	1 + 30 N	35	0.8
0 + 00 W	1 + 40 N	10	0.2
0 + 00 W	1 + 50 N	20	0.2
0 + 00 W	1 + 60 N	15	0.2
0 + 00 W	1 + 70 N	10	0.5
0 + 00 W	1 + 80 N	20	0.2
0 + 20 W	0 + 00 N	10	0.2
0 + 20 W	0 + 10 N	10	0.2
0 + 20 W	0 + 20 N	5	0.4
0 + 20 W	0 + 30 N	5	0.2
0 + 20 W	0 + 40 N	5	0.2
0 + 20 W	0 + 50 N	5	0.4
0 + 20 W	0 + 60 N	5	1.0
0 + 20 W	0 + 70 N	5	0.4
0 + 20 W	0 + 80 N	20	0.4
0 + 20 W	0 + 90 N	5	0.5

Duncan Sanderson
Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
2225 Springer Ave., Burnaby, B.C., V5B 3N1, 291-1303, Fax: 291-1392

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To: Sable Resources Ltd.
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File No: 97137
Date: 07/25/97

Attn: Linda

CLANCEY ZONE SOIL GRID

		Au ppb	Ag ppm
0 + 20 W	1 + 00 N	5	0.3
0 + 20 W	1 + 10 N	15	0.2
0 + 20 W	1 + 20 N	5	0.2
0 + 20 W	1 + 30 N	15	0.2
0 + 20 W	1 + 40 N	10	0.2
0 + 20 W	1 + 50 N	5	0.2
0 + 20 W	1 + 60 N	20	0.2
0 + 20 W	1 + 70 N	10	0.2
0 + 20 W	1 + 80 N	5	0.2
0 + 20 W	1 + 90 N	5	0.2
0 + 20 W	2 + 00 N	380	0.2
0 + 40 W	0 + 00 N	5	0.5
0 + 40 W	0 + 10 N	5	0.4
0 + 40 W	0 + 20 N	20	0.4
0 + 40 W	0 + 30 N	5	0.3
0 + 40 W	0 + 40 N	5	0.6
0 + 40 W	0 + 50 N	5	0.2
0 + 40 W	0 + 60 N	30	0.8
0 + 40 W	0 + 70 N	5	0.6
0 + 40 W	0 + 80 N	15	0.3
0 + 40 W	0 + 90 N	5	0.2
0 + 40 W	1 + 00 N	20	0.2
0 + 40 W	1 + 10 N	5	0.2
0 + 40 W	1 + 20 N	20	0.3
0 + 40 W	1 + 30 N	5	0.3
0 + 40 W	1 + 40 N	5	0.4
0 + 40 W	1 + 50 N	15	0.7
0 + 20 E	1 + 40 N	40	1.4
0 + 20 E	1 + 50 N	20	0.7
0 + 20 E	1 + 60 N	20	0.5

Duncan Sanderson
Licensed Assayer of British Columbia

APPENDIX III

ROCK SAMPLE DESCRIPTION RECORD

Sample No.	Tag No.	Sample Location	Sample Description	Analytical Results Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR01	3151	West Cirque	27+cm-1.8 m wide quartz vein orange/brown gossan dissem. pyrite	0.50	5.0		
B2-1	3152	Trench B2	9.1 - 9.5 m	0.15	2.0		
B2-2	3153	Trench B-2	11.2 - 12.0 m	0.20	1.0		
B2-3	3154	Trench B-2	17.3 - 17.8 m	<0.10	2.0		
B2-4	3155	Trench B-2	18.0 - 18.9 m	<0.10	1.5		
B2-5	3156	Trench B-2	23.6 24.8 m	0.20	1.0		
97GBRC -01	3157	B Zone Road Cut	85 - 90 m	<0.10	2.0		
97GBRC -02	3158	B Zone Road Cut	90 - 95 m	0.65	1.0		
97GBRC)3	3159	B Zone Road Cut	95 - 100 m	0.35	3.0		
97GBRC -04	3160	B Zone Road Cut	117.0 - 121.9 m	0.20	20.0		
97GBRC -05	3161	B Zone Road Cut	130.2 - 131.0 m	<0.10	4.0		
97GBRC -06	3162	B Zone Road Cut	165.9 - 169.2 m	<0.10	3.0		
97GR02	3163	New Zone	Quartz vein. No vis sulphides.	<0.10	0.5		
97GR03	3164	West Cirque	Silicious skarn zone, mal & azurite staining	0.20	8.0		
97GR04	3165	West Cirque	Sil. Gossan volc. (and.)	<0.10	<0.5		
97GR05	3166	West Cirque	Strong gossan altered volc. 1 - 2% pyrite	<0.10	2.0		
97GR06	3167	A Vein Ridge		<0.10	2.5		
97GR07	3168	B Vein Low Road	0.8 m wide quartz vein, mal srain with minor pyrite & calcophyrite	<0.10	9.0		

Sample	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
3R08	3169	B Vein Low Road	Black quartzy veinlets in yellow alt. (gouge) muck	0.10	6.0		
97GR09	3170	North -North Black Gossan	FLOAT: yellow/brown gossan volanic finely dissem. pyrite	<0.10	1.0		
97GR10	3171	North-North Black Gossan	FLOAT: quartz with minor pyrite	<0.10	2.0		
97GR11	3172	Clancey	FLOAT: quartz with minor dissem. pyrite	0.10	<0.5		
97GR12	3173	Clancey	25 cm. Quartz vein shear with pyrite	<0.10	0.5		
97GR13	3174	Clancey	Yellow gossan with calcopyrite & pryite	0.10	27.5		
97GR14	3175	Clancey	Quartz shear with 1-2% dissem. pyrite	0.10	23.0		
97GR15	3176	West of Vein "A"	FLOAT: quartz with calcopyrite & pyrite	<0.10	3.0		
97GR16	3177	West of Vein "A"	High grade quartz with mal staining	<0.10	2.0		
DD97-3	3178	West of Vein "B"	72.8 - 74.27 m	0.10	7.0		
DD97-3	3179	West of Vein "B"	74.27 - 75.0 m	0.10	9.0		
97-3	3180	West of Vein "B"	75.0 - 75.73 m	0.10	6.5		
DD97-3	3181	West of Vein "B"	75.73 - 76.03 m	0.20	17.0		
DD97-3	3182	West of Vein "B"	76.03 - 76.33 m	0.20	8.0		
DD97-3	3183	West of Vein "B"	76.33 - 77.24 m	<0.10	4.0		
DD97-6	3184	West of Vein "B"	30.0 - 30.4 m	<0.10	17.0		
DD97-7	3185	West of Vein "B"	26.5 - 27.8 m	<0.10	2.0		
DD97-6	3186	West of Vein "B"	27.8 - 29.6 m	<0.10	4.0		
97GR17	3187	Clancey	Dark gossan massive pyrite altered volcanic	<0.10	<1.0		
97GR18	3188	Clancey	Quartz stringers, blebby pyrite part. In volcanic margins	1.03	23.0		
97GR19	3189	Clancey	11 cm. Quart vein with minor pyrite & calcopyrite	6.72	402		
97GR20	3190	Clancey	14 cm. Quartz vein with pyrite	0.10	4.0		

Sample No.	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR21	3191	Clancey	0.5 x 1 m. quartz vein (breccia) minimal pyrite	0.10	25.0		
97GR22	3192	S.W. Clancey	Quartz veinlet in sil altered zone pyrite, calcopyrite, galena	3.65	1150		
97GR23	3193	W. Clancey	6-8 cm. quartz vein with minor pyrite, calcopyrite, galena	<0.10	5.0		
97GR24	3194	W. Clancey	Subcrop quartz with minor suphide	<0.10	2.0		
97GR25	3195	W. Clancey	FLOAT: sil. Gossan host rock with pyrite	<0.10	4.0		
97GR26	3196	North Black Gossan Creek	Gossan strongly sil. alt. replaced volcanic with dissem. pyrite	<0.10	3.0		
97GR27	3197	North Black Gossan Creek	Sil. alt. volcanic with large amount of pyrite	0.10	5.0		
97GR28	3198	North Black Gossan Road	Sil. bleached volcanic with large amount of pyrite	0.30	3.0		
97GR29	3199		Sil. strongly alt. gossan volcanic with large amount of pyrite	0.20	5.0		
97GR30	3200	E. North Black Gossan Creek	Strongly gossan chl altered volcanic with heavy dissem. Pyrite	0.40	5.0		
97GR31	3251	E. North Black Gossan Creek	FLOAT: small amount of quartz pyrite & cubed pyrite	<0.10	4.5		
97GR32	3252	E. North Black Gossan Creek	1-2 cm. Quartz fracture fills & sil. volcanic with dissem. pyrite	0.15	2.5		
97GR33	3253	E. North Black Gossan Creek	Quartz veinlets & minor pyrite	0.25	3.0		
97GR34	3254	E. North Black Gossan Creek	0.5 m. blob of quartz veinlets with pyrite	0.20	4.5		
97GR35	3255	Clancey	Main vein with sphal., calcopyrite & pyrite	0.40	69.0		
97GR36	3256	Clancey	Main vein, massive galena, calco-pyrite, pyrite & sphal.	19.3	3200		
97GR37	3257	Clancey	Quartz carbonate with dissem. Pyrite brecciated	<0.10	5.5		
97GR38	3258	Clancey	Main vein, galena, calcopyrite, sphal. & pyrite	1.80	820		
97GR39	3259	Clancey	8 cm. brecc. Quartz vein blocky pyrite/ep.	1.10	8.0		
97GR40	3260	Clancey	Sil. gossan mal/az stained volcanic vuggy with pyrite & calcophyrite	0.10	1.0		
97GR41	3261	N.W. Clancey	Quartz/carb shear with minor pyrite	0.10	2.0		
97GR42	3262	N.W. Clancey	Ladderwork quartz/carb veinlets with pyrite	0.50	2.5		
97GR43	3263	N.W. Clancey	Quartz veinlets/sil. altered heavy gossan with massive pyrite	0.20	14.0		

Sample	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
3R44	3264	N.W. Clancey	6 cm. milky white quartz vein with minor pyrite & calcopyrite				
97GR45	3265	N.W. Clancey	Quartz/carb vein with pyrite beccia	0.40	11.0		
97GR46	3266	N.W. Clancey	Sil. altered volcanic heavy pyrite with cubed pyrite	0.10	7.0		
97GR47	3267	N.W. Clancey	Quartz vein with minor pyrite	0.20	1.0		
97GR48	3268	N.W. Clancey	Milky white quartz vein, minor dissem. pyrite, brown/red gossan	2.00	37.0		
97GR49	3269	N.W. Clancey	12 cm. wide quartz vein, 6 m. plus finely dissem. Pyrite	0.55	10.0		
97GR50	3270	N.W. Clancey	Ext. sil. carb. lens of altered volc. with large amount of dissem. pyrite			0.007	0.35
97GR51	3271	S.W. Clancey	Sil. zone with minor calcophyrite staining			0.006	0.87
97GR52	3272	S.W. Clancey	Kiss of death sample. Sil. gossan with minor pyrite & galena			0.009	1.95
97GR53	3273	S.W. Clancey	3 cm. quartz veinlet, white with minor calcopyrite			0.026	0.03
97GR54	3274	S.W. Clancey	11 cm. vein/lens with pyrite & minor calcopyrite & ?			0.001	0.34
R55	3275	S.W. Clancey	White quartz vein with pyrite & minor calcopyrite			0.001	0.29
3R56	3276	N.W. Clancey	Quartz vein & minor sulphide			0.003	0.09
97GR57	3277	North Black Gossan	Bleached material, some pyrite			0.001	<0.03
97GR58	3278	North Black Gossan	Ext. sil. altered host volcanic, very rusty gossan with large amount py.			0.006	<0.03
97GR59	3279	North Black Gossan	Yellow (limonitic) staining, minor pyrite altered volcanic			0.001	<0.03
97GR60	3280	North Black Gossan	FLOAT: grey/white sil. with heavy dissem. Pyrite, limonitic stain			0.017	0.02
97GR61	3281	North Black Gossan	Strong yellow gossan, fine dissem. pyrite			0.006	0.05
97GR62	3282	North Black Gossan	Quartz vein/sil. host dark brown gossan, dissem. pyrite			0.005	<0.03
97GR63	3283	North Black Gossan	Angular pink/green (Kspar?) alt. volanic with dissem. pyrite			0.003	<0.03
97GR64	3284	North Black Gossan	Subcrop? Pinky/green fine grained volcanic sil. , minor pyrite			0.001	<0.03
97GR65	3285	North Black Gossan	Sil. Kspar rock. No vis sulphides (0+00E, 2+00N)			0.017	<0.03
97GR66	3286	North Black Gossan	Bleached volcanic, minor pyrite			0.001	<0.03

Sample No.	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz../ton
97GR67	3287	North Black Gossan	Rusty red gossan, sil. volcanic with minor dissem. pyrite			0.001	<0.03
97GR68	3288	North Black Gossan	Strongly bleached alt. zone with pyrite $?			0.001	<0.03
97GR69	3289	South Black Gossan	FLOAT: milky white quartz, minor pyrite & calcopyrite			0.001	0.35
97GR70	3290	South Black Gossan	Subcrop ext. sil. volcanic, some dissem. Pyrite -tuff?			0.009	<0.03
97GR71	3291	South Black Gossan	FLOAT: dark brown gossan, sil. volcanic with dissem. pyrite			0.009	<0.03
97GR72	3292	South Black Gossan	Orang/pink with ep. Bio, & dacite?			0.009	<0.03
97GR73	3293	South Black Gossan	Same as above with more sil. & pyrite			0.009	<0.03
97GR74	3294	South Black Gossan	Same as above with less pink k-spars.			0.006	<0.03
97GR75	3295	South Black Gossan	Rusty gossan volcanics bleached inside with large amount of pyrite			0.009	0.06
97GR76	3296	Clancey	4-10 cm quartz vein, 15 m long, large amount of pyite			<0.002	0.03
7GR77	3297	Clancey	Quartz-carbonate with minor pyrite			<0.002	0.06
97GR78	3298	Clancey	Quartz vein with minor pyrite & cal-copyrite			0002	0.07
97GR79	3299	Clancey	White quartz vein with pyrite			0.002	0.01
97GR80	3300	Clancey	Quartz vein with pyrite			0.002	0.04
97GR81	3301	Clancey	Veinlets/breccia with dissem. Pyrite			0.097	3.53
97GR82	3302	Clancey	15 cm. quartz vein, nice dissem. Pryite			0.002	0.05
97GR83	3303	Clancey	Pinky sil. carbonate altered volcanics with large amount pyrite & born.			0.003	0.13
97Gr84	3304	Clancey	3-4 cm. quartz vein, red/yellow/ brown gossan & dissem. Pyrite			0.003	0.26
97GR85	3305	Clancey	Quartz veinlet & alt. volcanics, very sil., very pyrite			0.003	0.16

Sample	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR86	3306	Clancey	Quartz veinlet with minor calco-pyrite, galena & large amount pyrite			0.011	1.98
97GR87	3307	North Black Gossan	Pinky grey/green (k-spar) sil. altered volcanics			0.002	0.01
97GR88	3308	North Black Gossan	Sil. grey/black rubble in yellow gouge material			0.002	0.02
97GR89	3309	North Black Gossan	Black quartz stringers in brown gossan dissem. & bleb pyrite			0.003	0.01
97GR90	3310	North Black Gossan	Pinkish white sil. altered volcanics with 1-2% dissem. Pyrite			0.002	0.01
97GR91	3311	North Black Gossan	Bleached (sil.) volcanics with large amount dissem pyrite (volc.)			0.002	0.01
97GR92	3312	North Black Gossan	FLOAT: quartz boulder gossan, vuggy, minor pyrite			0.002	0.02
97GR93	3313	North Black Gossan	Light regy/green/pink sil. repl. Volcanics with fine dissem. pyrite			0.002	<0.01
97GR94	3314	North Black Gossan	FLOAT: white quartz brown/red gossan minor dissem. Gal.			<0.002	<0.01
97GR95	3315	No. 1 Trench - NBG	Mottled green volcanic with minor dissem. Pyrite (5 m)			0.002	0.04
97GR96	3316	No. 2 Trench - NBG	Ext. silic. Volcanics with minor dissem. Pyrite			<0.002	0.06
97GR97	3317	No. 2 Trench - NBG	Green volcanics, strong gossan with pyrite			0.002	<0.01
97GR98	3318	No. 3 Trench - NBG	Dark grey/black quartz stringers, well dissem. Pyrite			0.013	0.09
97GR99	3319	No. 1 Trench - NBG	Green volcanics with dissem. Pyrite (15 - 30 m)			0.013	0.09
97GR100	3320	No. 2 Trench - NBG	Alt. bleached volcanics zone (22.5 - 27.0 m)			0.026	<0.01
97GR101	3321	No. 2 Trench - NBG	Alt. silic. zone, dissem. Pyrite (3.5 - 4.6 m)			0.029	<0.01

Sample No.	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR102	3322	No. 2 Trench - NBG	Alt. silic. zone, dissem. Pyrite (4.6 - 6.1 m)			0.026	0.03
97GR103	3323	No. 2 Trench - NBG	Alt. silic. zone, dissem pyrite (6.1 - 7.0 m)			0.049	0.01
97GR104	3324	No. 4 Trench - NBG	Alt. bleached zone (26 - 28 m)			0.025	<0.01
97GR105	3325	No. 6 Trench - NBG	grey/white silic. alt. volcanics dark quartz micro veinlets (27 - 30 m)			0.005	0.01
97GR106	3326	No. 6 Trench - NBG	Yellow/brown gossan, alt. volcancis with samll quartz stringers, minor pyrite (85 m)			0.001	<0.01
97GR107	3327	No. 6 Trench - NBG	Strongly alt. volcanics with heavy dissem. Pyrite (43 - 44 m)			0.003	<0.01
97GR108	3328	No. 3 Trench - NBG	Alt. yellow/grey/brown volcanics clayey large alt. zone (70 - 72.5 m)			0.003	0.11
97GR109	3329	No. 3 Trench - NBG	As above (72.5 - 75.0 m)			0.003	0.05
97GR110	3330	No. 3 Trench - NBG	As above (75.0 - 77.5 m)			0.006	0.03
97GR111	3331	No. 3 Trench - NBG	As above (77.5 - 80.0 m)			0.006	0.03
97GR112	3332	No. 3 Trench - NBG	Leached angular volc. Upper portion (90 m)			0.006	0.02
97GR113	3333	No. 3 Trench - NBG	Friable crumbly clay, yellow/brown/black lower (90 m)			0.003	0.02
97GR114	3334	No. 2 Trench - NBG	Clay mucked up grey volcanics with light green stain (mal?)(40 m)			0.003	0.02
97GR115	3335	No. 7 Trench - NBG	Grey/black clay, remnant rock & blocky pyrite (15 m)			0.002	0.05
97GR116	3336	No. 8 Trench - NBG	Black quartz vein at rd. no visible suplhide			0.002	0.02
97GR117	3337	No. 8&2 Trench - NBG	Bleached/leached volcanics with mal.			0.002	0.02

Sample	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR118	3338	No. 8 Trench - NBG	Grey/green lightly alt. volcanics with fine dissem. Pyrite (27 m S)			0.003	0.03
97GR119	3339	No. 8 Trench - NBG	Vuggy grey lifeless rock, minor pyrite (mal?) (5 m S)			0.002	0.02
97GR120	3340	No. 8 Trench - NBG	Grey alt. volcanics, yellow/brown gossan (5 m N)			<0.002	0.02
97GR121	3341	No. 8 Trench - NBG	As above (25 m N0			0.002	0.01
97GR122	3342	No. 8 Trench - NBG	Grey silic. altered volcanics (60 m N)			0.002	0.01
97GR123	3343	No. 8 Trench - NBG	Quartz vein 1-2% pyrite, 6 cm wide strike: 160			0.004	0.01
97GR124	3344	No. 8 Trench - NBG	110 - 115 m			0.003	0.01
97GR125	3345	No. 8 Trench - NBG	105 - 110 m			0.002	0.01
97GR126	3346	No. 8 Trench - NBG	100 - 105 m			0.004	0.01
R127	3347	No. 8 Trench - NBG	95 - 100 m			0.003	0.01
97GR128	3348	No. 8 Trench - NBG	90 - 95 m			0.003	0.01
97GR129	3349	No. 8 Trench - NBG	85 - 90 m			0.003	0.01
97GR130	3350	No. 8 Trench - NBG	80 - 85 m			0.003	0.01
97GR131	3229	No. 8 Trench - NBG	75 - 80 m			0.003	0.01
97GR132	3230	No. 8 Trench - NBG	70 - 75 m			0.003	0.01
97GR133	3231	No. 8 Trench - NBG	65 - 70 m			0.003	0.01
97GR134	3232	No. 8 Trench - NBG	60 - 65 m			0.003	0.01
97GR135	3233	No. 8 Trench - NBG	55 - 60 m			0.003	0.01
97GR136	3234	No. 8 Trench - NBG	50 - 55 m			0.003	0.01
97GR137	3235	No. 8 Trench - NBG	45 - 50 m			0.003	0.01
97GR138	3236	No. 8 Trench - NBG	40 - 45 m			0.003	0.01
R139	3237	No. 8 Trench - NBG	35 - 40 m			0.004	0.01

Sample No.	Tag No.	Sample Location	Sample Location	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR140	3238	No. 8 Trench - NBG	30 - 35 m			0.004	0.01
97GR141	3239	No. 8 Trench - NBG	25 - 30 m			0.003	0.01
97GR142	3240	No. 8 Trench - NBG	20 - 25 m			0.003	0.01
97GR143	3241	No. 8 Trench - NBG	15 - 20 m			0.004	0.01
97GR144	3242	No. 8 Trench - NBG	10 - 15 m			0.003	0.02
97GR145	3243	No. 8 Trench - NBG	05 - 10 m			0.012	0.01
97GR146	3244	No. 8 Trench - NBG	00 - 05 m			0.012	0.01
97GR147	3245	No. 8 Trench - NBG	00 - 05 m S			0.003	0.01
97GR148	3246	No. 8 Trench - NBG	05 - 10 m S			0.004	0.01
97GR149	3247	No. 8 Trench - NBG	10 - 15 m S			0.003	0.02
97GR150	3248	No. 8 Trench - NBG	15 - 20 m S			0.004	0.01
97GR151	3249	No. 8 Trench - NBG	20 - 25 m S			0.003	0.02
97GR152	3433	No.11 Trench -NBG	5 - 7 m			<0.001	<0.01
97GR153	3434	No.11 Trench -NBG	10 - 11 m			<0.001	<0.01
97GR154	3435	No.11 Trench -NBG	17 - 18 m			<0.001	0.04
97GR155	3436	No.11 Trench -NBG	28 - 32 m			<0.001	<0.01
97GR156	3437	No.11 Trench -NBG	40 - 41 m			<0.001	<0.01
97GR157	3438	No.12 Trench -NBG	10 - 11 m			<0.001	0.01
97GR158	3439	No.12 Trench -NBG	38 - 47 m			0.002	<0.01
97GR159	3043	DD97-16 - NBG	41.3 - 41.4 m			<0.001	0.02
97GR160	3044	DD97-17 - NBG	64.9 - 65.2 m			<0.001	0.01
97GR161	3045	DD97-17 - NBG	85.9 - 86.5 m			<0.001	<0.01
97GR162	3046	DD97-17 - NBG	93.9 - 94.5 m			<0.001	<0.01
97GR163	3047	DD97-17 - NBG	103.0 - 103.7 m			<0.001	<0.01

uple no.	Tag No.	Sample Location	Sample Description	Au g/tonne	Ag g/tonne	Au oz./ton	Ag oz./ton
97GR164	3048	DD97-17 - NBG	46.5 - 46.7 m			0.014	0.03
97GR165	3049	DD97-17 - NBG	104.0 - 104.3 m			0.004	0.01
97GR166	3050	DD97-16 - NBG	106.5 - 106.7 m			0.005	0.08
97GR167	3250	DD97-16 - NBG	44.5 - 44.9 m			0.001	0.01
97GR168	3440	Vein "A"	Narrow quartz vein in silic. zone			0.002	<0.01