DIAMOND DRILLING

Area: Indian Bay

Report No: 33

WORK PERFORMED FOR: Calnor Resources Ltd.

RECORDED HOLDER: SAME AS ABOVE [ ]

: OTHER [x] Gladys Stephens

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
K 23943	SC-86-1	200'	Jan/86	(1) (2)
	SC-86-2	145'	Jan/86	(1) "
	SC-86-3	300'	Jan/86	(1) "
	SC-86-3A	30'	Jan/86	(1) "
	SC-86-4	350'	Jan/86	(1) "
K 20965	SC-86-6	377'	Jan/86	(1) "
K 20694	SC-86-7	407'	Feb/86	(1) "
K 20695	SC-86-8	487'	Feb/86	(1) "
K 20694	SC-86-9	409'	Feb/86	(1) "
K 20695	SC-86-10	527'	Feb/86	(1) "
	SC-86-11	357'	Feb/86	(1) "
	SC-86-12	387'	Feb/86	(1) "
	SC-86-13	325'	Feb/86	(1) "
	SC-86-14A	59'	Feb/86	(1) "
	SC-86-15	300'	Feb/86	(1) "
	SC-86-16	597'	Feb/86	(1) "
K 20694	SC-86-17	497'	Feb-Mar/86	(1) "
K 20965	SC-86-18	397'	Feb/86	(1) "
K 20696	SC-86-19	500'	March/86	(1) "
K 638629	SC-86-20	218'	March/86	(1) "
K 23943	SC-86-21	362'	March/86	(1) "
K 638629	SC-86-22	346'	March/86	(1) "

NOTES: (1) #55-86 (filed in May/87)

(2) Also submitted under O.M.E.P. - report # OM85-3-C-217 - Nov./88.

REPORT

on

DIAMOND DRILLING PROGRAMME

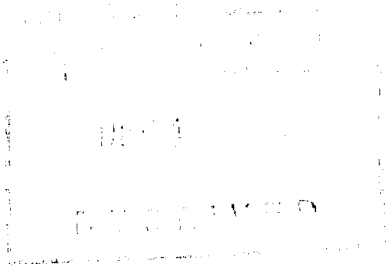
on the

HIGH LAKE PROPERTY

Kenora Mining Division, Ontario

- for -

CALNOR RESOURCES LTD.
860 - 625 HOWE STREET
VANCOUVER, B. C.
V6C 2T6



- prepared by -

Dawson Geological Consultants Ltd.
102 - 310 Nicola Street
Kamloops, B. C. V2C 2P5

James M. Dawson, P. Eng.

March 31, 1986

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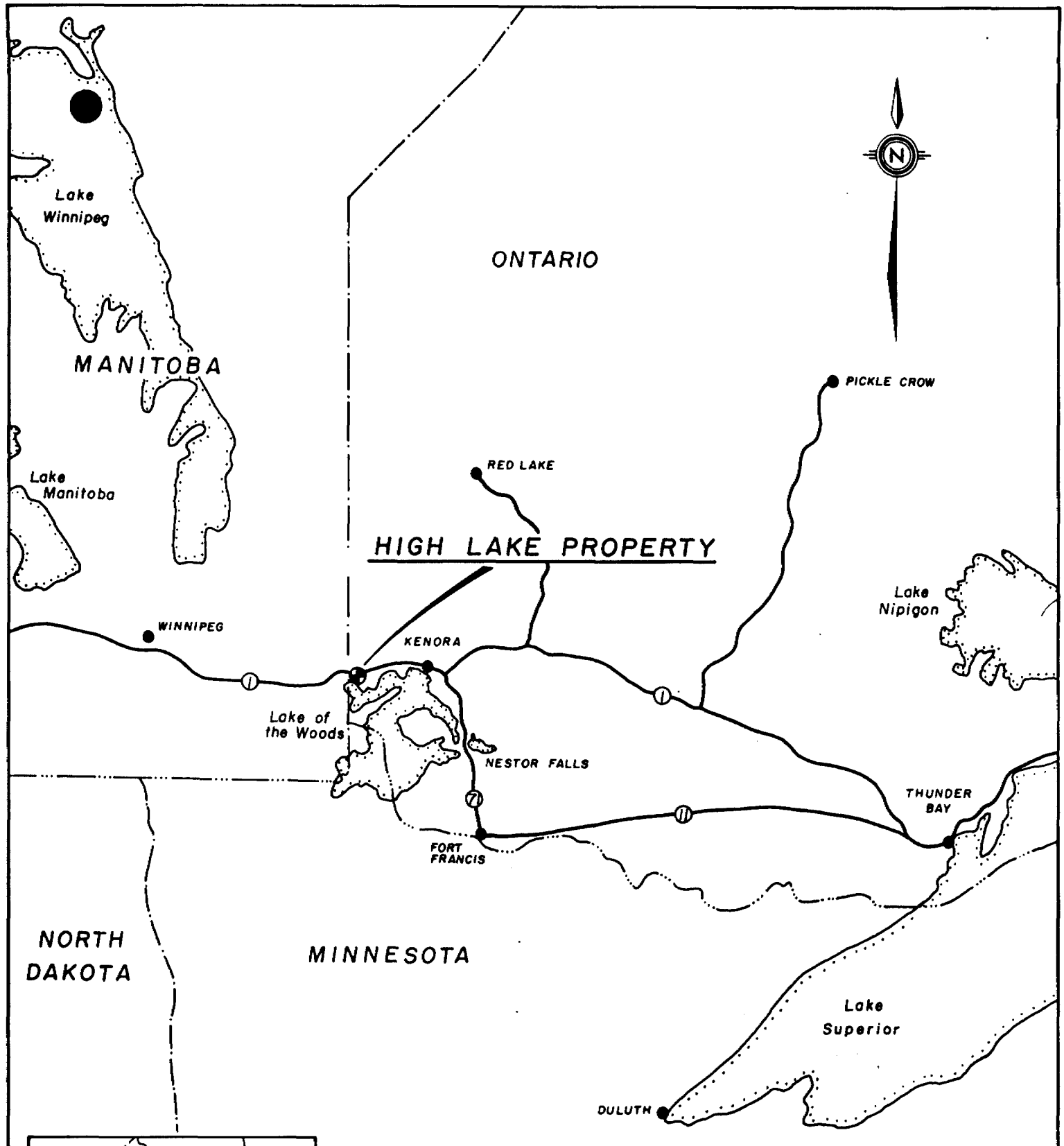
LIST OF MAPS

NOTE : All Maps were present when report placed on file.



To accompany a report by J.M. Dawson, P.Eng.

CALNOR RESOURCES LTD.	
LOCATION MAP	
HIGH LAKE GOLD PROSPECT	
KENORA MINING DIVISION, ONTARIO.	
Technical Work By: Dawson Geological Cons. Ltd.	Scale: 1" = 64 mi
Drawn By: P.J.M.	Date: March, 1986
Approved By: J.M.D.	Fig. No. 386-1

INTRODUCTION

This report has been prepared at the request of the directors of Calnor Resources Ltd. It reviews and interprets the results of a diamond drilling programme carried out on the subject property during January - March, 1986. Data are presented on a series of plans and sections accompanying this report. Detailed logs of each drill hole are included in Appendix A.

SUMMARY AND CONCLUSIONS

(1) The High Lake gold prospect consists of 23 contiguous claims located in relatively flat terrain approximately 25 miles west of Kenora, Ontario and is road accessible. The property is under option to Calnor Resources Ltd.

(2) The Kenora district has been actively explored for gold since the late 1800's, however prospecting in the High Lake area dates only from the 1930's when gold was discovered by Mr. C. Alcock. Serious exploration work on the subject property began in 1953 when gold was discovered on what is now "B" zone. In that year San Antonio Gold Mines drilled 24 core holes on various targets on and near the present property. In 1956 one hole was drilled by Green Bay Mines in what is now "A" zone. In 1960 - 61, an extensive programme of geological and geophysical surveys as well as the drilling of approximately 70 core holes was completed by Electrum Lake Gold Mines. This company essentially outlined the presently known A, B, C, P and W mineralized zones. In 1981 Sherritt Gordon Mines performed geological and geophysical surveys on two claims of the present block. This company also drilled six core holes in "C" zone. In 1983 an extensive programme of geological, geochemical and geophysical surveys was carried out by Barrier Reef Resources Ltd.

(3) The property is underlain by Archean greenstone intruded by a small stock of porphyritic granodiorite. Faults, fractures and shear zones are primarily aligned in an east-northeasterly direction. In some shear zones, lenses of highly altered rock, e.g. quartz-sericite schist or hornblende-biotite-chlorite schist depending on the original composition, may be up to 150 feet wide.

(4) Gold mineralization is primarily associated with pyrite and quartz in zones of faulting or shearing. Chalcopyrite-magnetite-pyrite mineralization is found as irregular lenses and disseminations in some contact zones. It is believed to be older than the gold mineralization, however in some cases it is spatially related to it.

(5) The present drilling programme has succeeded in locating at least three new areas of gold mineralization, one of which contains relatively high grade material, however as in the past difficulty has been experienced in linking up intersections within individual zones. It is the writer's belief that gold mineralization is primarily confined to east-northeasterly zones of shearing within which there are individual ore shoots which may have one or more orientations. Further work is required to define fully the ore controls of such mineralized zones and ore shoots. However given the number of gold occurrences, the potential for high grade material and the ideal location of the property, the writer feels that there is an excellent chance of developing a small to medium sized gold mine.

PROPERTY

The property consists of 23 contiguous claims as follows:

Unpatented Claims

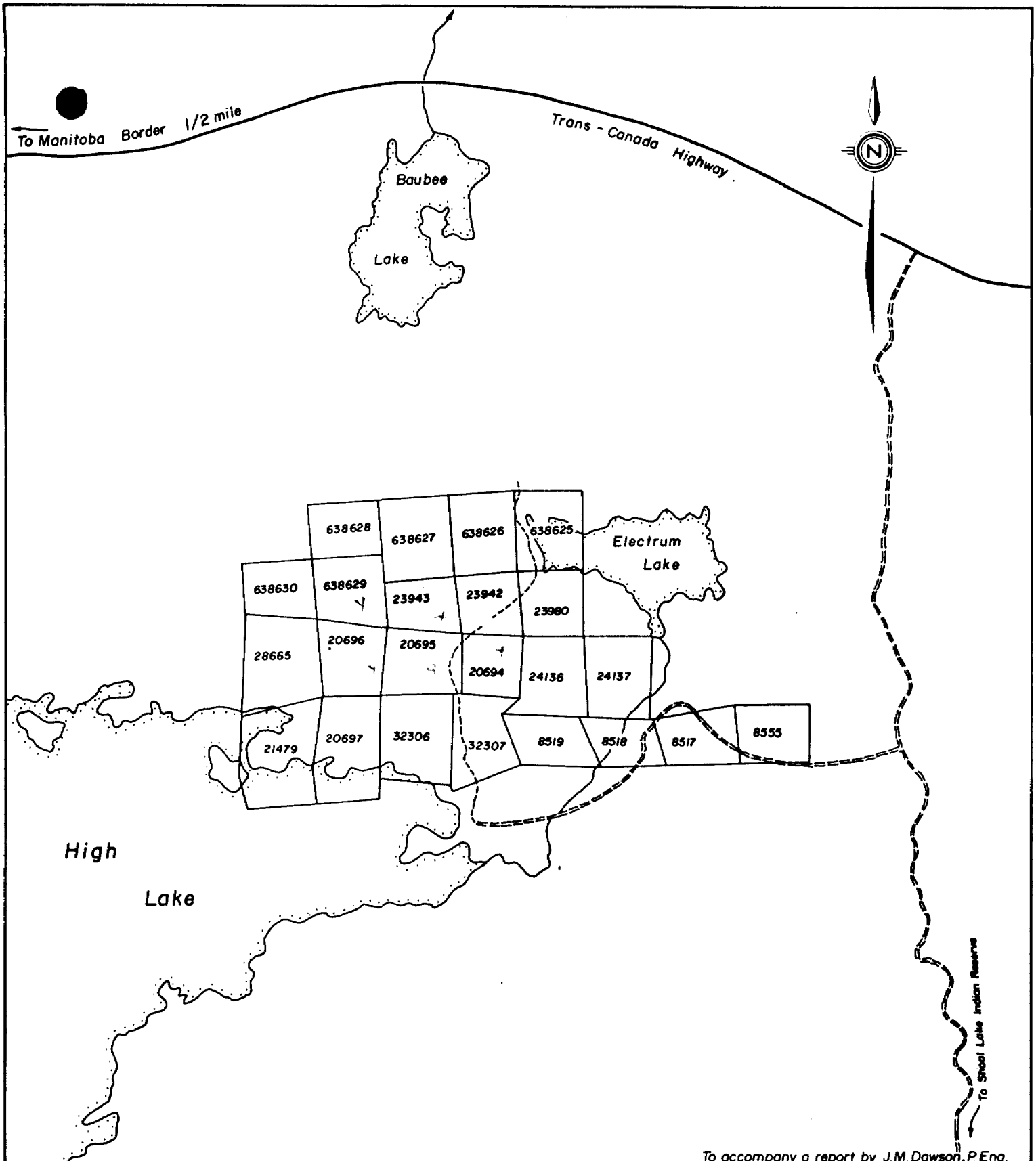
Claim No.	Assessment Date	Owner
K638625	February 4, 1987	Gladys Stephens
K638626	February 4, 1987	Gladys Stephens
K638627	February 4, 1987	Gladys Stephens
K638628	February 4, 1987	Gladys Stephens
K638629	February 4, 1987	Gladys Stephens
K638630	February 4, 1987	Gladys Stephens

Patented Claims

Claim No.	Date Taxes Due	Owner
K 8555	October 1, 1986	Roslyn Alcock
K 8517	October 1, 1986	Roslyn Alcock
K 8518	October 1, 1986	Roslyn Alcock
K 8519	October 1, 1986	Roslyn Alcock

Leased Claims

Claim No.	Mining Lease No.	Lease Expiry Date	Date Lease Payment Due	Owner
K 23942	104078	Dec. 31, 2005	Dec. 31, 1986	Gladys Stephens
K 23943	104079	Dec. 31, 2005	Dec. 31, 1986	Gladys Stephens
K 20696	104080	Dec. 31, 2005	Dec. 31, 1986	Roslyn Alcock
K 20697	104081	Dec. 31, 2005	Dec. 31, 1986	Roslyn Alcock
K 21479	104082	Dec. 31, 2005	Dec. 31, 1986	Roslyn Alcock
K 20694	104083	Dec. 31, 2005	Dec. 31, 1986	Roslyn Alcock
K 20695	104084	Dec. 31, 2005	Dec. 31, 1986	Roslyn Alcock



To accompany a report by J.M. Dawson, P.Eng.

CALNOR RESOURCES LTD.

CLAIM MAP

HIGH LAKE GOLD PROSPECT

KENORA MINING DIVISION, ONTARIO.

Technical Work By Dawson Geol. Cons. Ltd.	Scale 1" = 0.5mi.
Drawn By P.J.M.	Date March, 1986
Approved By J M D	Fig. No 386-2

Claim No.	Mining Lease No.	Lease Expiry Date	Date Lease Payment Due	Owner
K 28663	101164	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock
K 23980	101165	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock
K 24136	101166	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock
K 32306	101169	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock
K 32307	101170	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock
K 24137	101171	Sept. 30, 1987	Sept. 30, 1986	Roslyn Alcock

Disposition of these claims is shown on Figure 386-2.

The claims are currently under option to Calnor Resources Ltd.

LOCATION AND ACCESS

The property is located in northwestern Ontario about 25 miles west of the city of Kenora and approximately 2 miles east of the Ontario-Manitoba border. Approximate geographic center of the property is at 49° 43' north and 95° 06' west.

Access from Kenora is gained by driving west on the Trans-Canada Highway for about 30 miles to the Shoal Lake Road; thence south for 2 miles to the High Lake access road. This gravel road leads west for about 2 miles to the old drill camp on the east shore of High Lake. A rough winter road leads northerly for about 3/4 mile to the center of the claim block.

PHYSIOGRAPHY AND VEGETATION

The property covers an area of low rolling topography between the northeast side of High Lake and the west shore of Electrum Lake. There is a predominant east-northeasterly structural grain to the country manifested by linear draws and ridges having this orientation. A prominent north-trending swampy area located on the western quarter of the property could be the surface expression of a strong fault zone.

Maximum relief on the property is in the order of 150 feet. Elevations vary from about 1,100 feet a.s.l. at High Lake to just over 1,250 feet on some of the higher ridge tops.

Vegetation is typical of shield terrain, varying from open swampy areas through swamps with a dense growth of tag alders. Well drained areas vary from densely wooded sections with mixed spruce, fir, cottonwood and birch to dryer rocky areas where pines predominant.

HISTORY

The first recorded prospecting activity in the district took place in the mid 1930's when Mr. C. Alcock discovered gold south of Electrum Lake and molybdenum and copper around the shores of High Lake.

On the subject claim block gold was discovered by Mr. R. Longe on what is now the "B" zone in 1953. In that year San Antonio Gold Mines optioned a large block of ground which included the present claims. This company drilled 24 holes on a number of showings, geophysical targets and inferred shear zones but dropped their option at the end of the year.

In 1956, Green Bay Mines Ltd. was investigating some of the porphyry copper occurrences around High Lake and drilled one hole (GB-6) in what is now known as "A" zone.

In 1960-61, an extensive exploration programme was carried out by Electrum Lake Gold Mines Ltd. This company performed geological mapping, magnetic and ? electromagnetic surveys and drilled approximately 70 core holes on the ground included in the present property. The option was dropped in late 1961.

In 1981, two claims of the present block (23942 and 23943) were optioned by Sherritt Gordon Mines Ltd. This company performed geological and geophysical surveys and drilled six core holes aggregating 1248 feet in "C" zone. Sherritt Gordon dropped their option in 1982.

Mr. J. E. Tilsley, a consultant for Sherritt Gordon did a detailed study of all previous drilling and integrated it with the more recent work.

In 1983, the property as presently constituted was optioned by Barrier Reef Resources Ltd. and a detailed exploration programme consisting of geological mapping, geochemical soil sampling, magnetometer and VLF electromagnetic surveys was carried out.

In 1984, Barrier assigned its rights in the High Lake property to a subsidiary company Francis Resources Ltd.

In 1985, Francis Resources Ltd. was merged with a Northair Group company, Northcal Resources Ltd. to form Calnor Resources Ltd.

CURRENT DRILLING PROGRAMME

The current drilling programme ran from January 7 to March 13, 1986. Winter roads were constructed to drill sites and water sources using a TD-15 crawler tractor. Office and core storage facilities were established on the property.

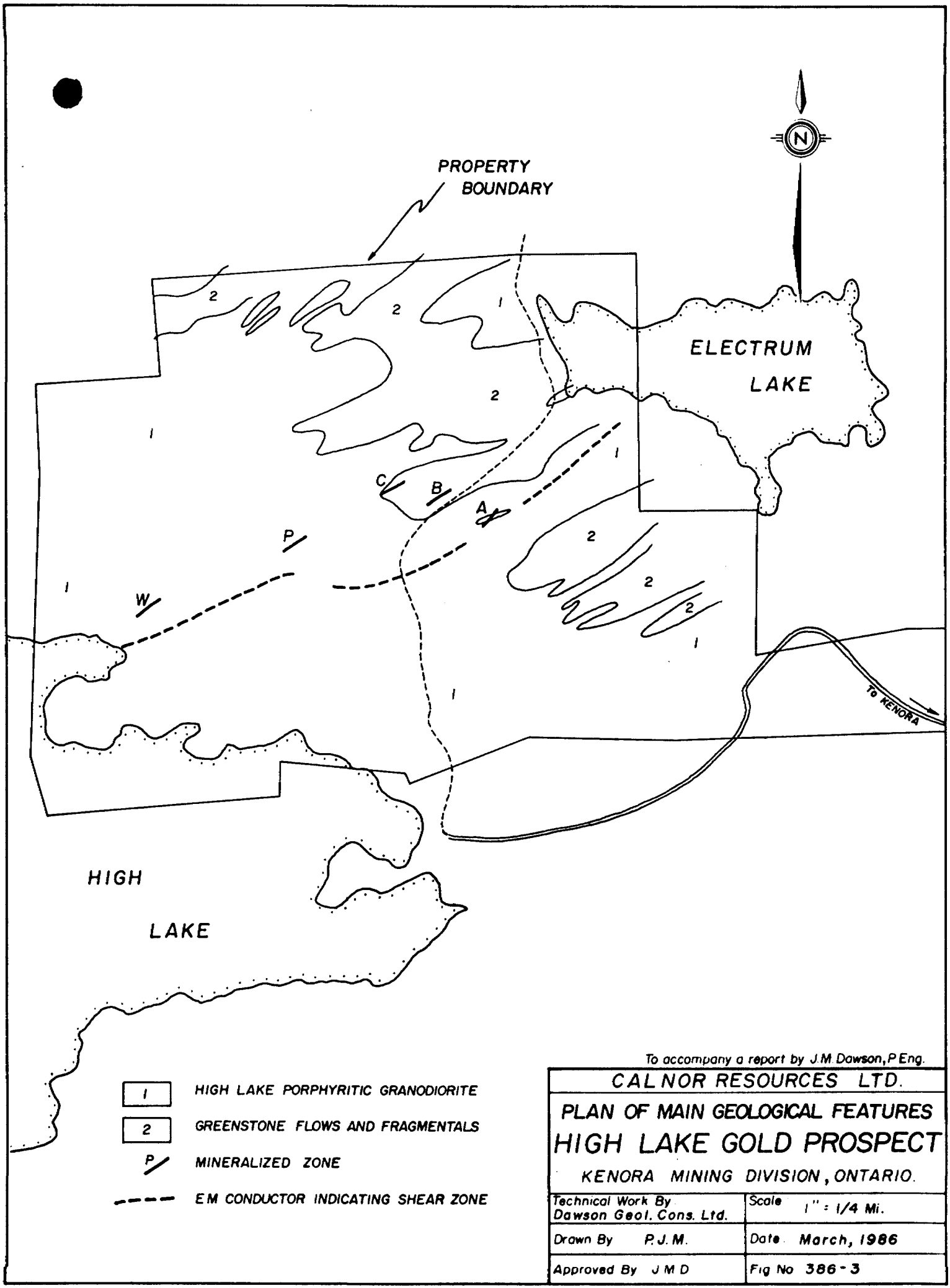
A total of 7,594 feet of drilling was performed by three separate contractors: 2,294 feet of NQ size by Triangle Diamond Drilling of Lively, Ontario; 4,800 feet of NQ by Amisk Drilling of Flin Flon, Manitoba; and 500 feet of BQ by Drillcor Industries Ltd. of Vancouver, B. C.

The core was logged and selected portions split at the property. Assaying was carried out by Warnock Hersey Professional Services Ltd. of Winnipeg, Manitoba. Drill logs with assay results are included in Appendix A of this report.

GEOLOGY

The property is underlain by Archean basic volcanics of the Keewatin Group, intuded by a small stock of porphyritic granodiorite also of early Precambrian age. Faults, fractures and shear zones are primarily aligned in an east-northeasterly direction.

The Keewatin volcanics consist primarily of flow rocks of basaltic composition. They are mostly fine grained and massive although fragmental rocks varying from lapilli tuff through coarse breccias are occasionally seen. Pillow structures are reported by Forsgren (1982) although none were identified by the writer.



To accompany a report by J.M. Dawson, P.Eng.

CALNOR RESOURCES LTD.

PLAN OF MAIN GEOLOGICAL FEATURES
HIGH LAKE GOLD PROSPECT

KENORA MINING DIVISION, ONTARIO.

Technical Work By Dawson Geol. Cons. Ltd.	Scale 1" = 1/4 Mi.
Drawn By P.J.M.	Date March, 1986
Approved By J M D	Fig No 386-3

In a number of places, particularly near depressions (interpreted as fault or shear zones) weak to prominent foliation or schistosity is observed and in at least one locality the rocks resemble a gneissic amphibolite. Evidence of such shearing is commonly seen in drill core of the greenstone. It may vary from weakly foliated and chloritic basalt to coarser recrystallized, schistose basalt which in many cases is referred to as a hornblende-biotite-chlorite schist (HBC schist).

The intrusive stock is interpreted to dip shallowly under the volcanics which may be a series of stoped blocks separated by north-easterly trending embayments of granitic material. In places the intrusive contact is sharp, however there are large areas of "hybrid" intrusive-volcanic rocks. Such "hybrid rocks" vary from dense dark green to black basaltic looking rocks with phenocrysts of quartz and the distinctive large, euhedral orthoclase crystals to varieties of porphyritic granodiorite with a dark, chloritic or basaltic matrix.

The High Lake stock is generally referred to as a porphyritic granodiorite. Typically this rock is grey weathering and massive, containing about 60% plagioclase, 30% quartz and up to 10% biotite. Greyish quartz-eyes and coarse, euhedral microcline crystals (up to 4 cm. long) are frequently present.

The actual contact between the greenstone and granodiorite appears as a ragged interfingering zone. This is further complicated by the fact that there are frequently large areas of "hybrid granodiorite" adjacent to the greenstone proper where zones sometimes in excess of several hundred feet wide contain partly to completely digested xenoliths of basalt. It may be significant that a number of gold soil geochemical anomalies coincide with this broad, diffuse contact zone.

Adjacent to some of the pronounced east-northeasterly trending depressions (interpreted as major faults) there are local zones of foliation or shearing within the intrusive rocks. These zones vary from a few inches to several feet wide and are frequently limonite stained. Such zones can resemble phyllite or quartz sericite schist with scattered stringers or discrete veins of quartz.

Much of the recent drilling was carried out along a east-northeasterly trending linear which extends west from "A" zone (see Figure 386-4). Some of these drill holes encountered wide zones of shearing and fracturing or alternatively many narrow parallel zones separated by unfoliated and unaltered rock. Depending upon the original composition of the rock i.e. relatively "pure" porphyritic granodiorite or contaminated or hybrid varieties containing varying amounts of digested basalt, the sheared rock could range from light-brown phyllite through quartz-eye sericite schist to varying types of chlorite schist or chlorite-sericite schist.

The predominant orientation of fracturing and foliation is approximately 060°T with moderate to steep dips to the north. However there is a weaker fracture set, sometimes containing narrow "tension gash" quartz stringers, which seems to be oriented at approximately 010° to 040°T with a moderate (55° - 40°) easterly dip.

MINERALIZATION

Pyrite is commonly present in most rock types as a minor accessory mineral. It is present locally in amounts up to 5% in some sericitic shear zones within the High Lake stock. Low grade "porphyry" copper and copper-molybdenum mineralization as disseminations and fracture coatings is present in several localities within the High Lake intrusive. An attempt was made to mine a narrow vein type molybdenum occurrence about two miles south of the Calnor property. Reserves are reported to be in the order of 200,000 tons of 0.8% M_oS_z. Molybdenite has not been seen on the subject claims however minor chalcopyrite has been observed as thin fracture coatings in intrusive rocks on surface and in drill holes.

At three locations (A, B and C zones) in the immediate vicinity of the intrusive contact local concentrations of magnetite, chalcopyrite, pyrrhotite and pyrite occur in dense, sheared, hornblende-rich hornfels. These minerals may occur separately or together and locally form small, semi-massive lenses. Such lenses are rarely in excess of one to two feet wide and are usually narrow stringers or clots from one to two inches wide with or without associated quartz. This mineralization is extremely irregular and usually cannot be traced for more than a few feet or tens of feet along strike.

Gold mineralization has been found at a number of locations on the property. The original discoveries were made by prospectors panning sulphide material from sericitic shear zones within the intrusive rocks. Some of these zones were found to extend into the volcanics and are at least spatially related to some of the chalcopyrite-magnetite mineralization. Since such mineralization has a magnetic response, early exploration utilizing magnetometers was carried out in the hope of finding other auriferous zones. A number of magnetic features were outlined and several of them were drilled however, apart from "A", "B" and "C" zones, no significant gold mineralization was encountered.

Two other areas known as "P" and "W" zones (see Figure 386-4) have also had significant work in the past (a detailed summary of results of previous drilling is contained in Dawson (1982). Here gold is found in zones of shearing within clean, uncontaminated High Lake granodiorite. It is associated with pyrite-filled fractures and with pyrite-bearing quartz tourmaline veins.

A consistent feature of all the previous drilling was the highly irregular nature of the mineralization and the difficulty in joining up intersections in adjacent drill holes.

The current drilling programme had two objectives:
(a) to test one or more of the presently known gold-bearing zones at depth, and (b) to explore in a reconnaissance fashion a number of the geochemical and geophysical anomalies outlined by the detailed 1983 surface exploration programme.

Four of five planned holes were drilled in "C" zone. This is insufficient for a definitive test - especially as the western extension of the zone was not addressed. It did indicate however, that in the areas drilled gold values decrease and the width of the mineralized zone narrows with depth even though the apparent ore control, the zone of sheared, schistose metabasalt, persists.

The bulk of the remainder of the drilling was carried out in No. 1 Anomaly (see Figure 386-4) where the first hole drilled (SC-86-6) encountered a number of significant intersections including 26 feet averaging 1.364 oz. Au/ton. All the holes drilled east of SC-86-6 had one or more intersections of lower grade material, varying from 0.02 to 0.21 oz. Au/ton over a minimum width of 5 feet (see Figure 386-13). This would seem to confirm that this new zone (No. 1 Anomaly or "R" zone) does connect up the "A" zone (see Figure 386-4).

West of drill hole SC-86-6 only hole SC-86-13, collared at 16 feet grid west and 59 feet grid south of SC-86-6 encountered significant mineralization. Here again a wide intersection of lower grade material but including 11 feet averaging 0.836 oz Au/ton and 6 feet averaging 0.30 oz Au/ton was made.

In an attempt to get an idea of the geometry of the higher grade ore shoot(s) hole SC-86-17 was drilled from the south at azimuth 300°T dip -45°. This hole cut several zones of lower grade material including 3 feet at 0.17 oz Au/ton and 5 feet at 0.13 oz Au/ton but nothing approaching the grades encountered in SC-86-6 or SC-86-13 (see Figure 386-18).

Hole SC-86-8 drilled 530 feet grid west and 180 feet grid north made three intersections (see Figure 386-13): 6 feet at 0.37 oz Au/ton, 6 feet at 0.11 oz. Au/ton and 5 feet at 0.03 oz. Au/ton. However this is believed to be a different zone or a northerly faulted extension of No. 1 Anomaly.

Anomaly No. 2 is an extremely strong VLF-EM conductor. A subsequent CEM vertical loop EM survey verified the conductor. It had previously been tested by one hole (San Antonio Gold Mines in 1952) which indicated a strong fault zone containing appreciable pyrite. The best intersection obtained by San Antonio was 5 feet averaging 0.05 oz. Au/ton. Hole SC-86-19 was drilled 880 feet grid east of the San Antonio hole and encountered nothing that would explain the VLF anomaly. The best intersection was 5 feet at 0.02 oz. Au/ton.

Hole SC-86-20 was drilled in Anomaly No. 5 to test an area of extremely high gold soil geochemistry and an interpreted fault zone. The best intersection encountered was 10 feet averaging 0.05 oz. Au/ton in weakly to moderately foliated granodiorite with minor pyrite and a trace of chalcopyrite.

Hole SC-86-21 was drilled in Anomaly No. 3 (see Figure 386-4) where there were coincident gold and copper soil geochemical anomalies, a magnetic high and an inferred fault zone. It cut a 50 foot zone averaging 0.037 oz. Au/ton including 5 feet at 0.09 and 5 feet at 0.08. This zone was in "hybrid" basalt-granodiorite with 5+ percent pyrite and scattered minor chalcopyrite.

Hole SC-86-22 was drilled in Anomaly No. 4. It cut relatively fresh granodiorite and "hybrid" granodiorite. No significant intersections were made.

DISCUSSION OF RESULTS

The long exploration history of the High Lake property has consistently demonstrated the difficulty of attaining continuity between drill holes in any one mineralized zone. Although the writer is convinced that the most important ore control is the predominant east-northeasterly trending zones of shearing, within such zones a number of other factors make the geometry of the gold mineralization exceedingly complex.

From the recent drilling programme, a number of conclusions can be drawn which may help to decipher the secondary ore controls:

(1) Gold mineralization is definitely associated with zones of strong east-northeasterly trending shearing and rock type does not seem to be an important factor. Although higher grade material is usually associated with very strongly altered rock, some apparently fresh, unfoliated granodiorite contains gold values up to 0.21 oz. Au/ton. It is suspected that the gold is associated with scattered pyrite coated fractures in such cases. The zones of shearing pinch and swell and within any one "zone"

horses of relatively unaltered rock are frequently present between parallel or en echelon lenses of sheared rock.

(2) Sulphide content is definitely an important factor. Intensely altered rock whether originally greenstone or intrusive must have some pyrite or it rarely contains gold. However not all pyrite bearing rock contains gold. Thin lenses of very fine grained pyrite seem to be more prevalent in gold-bearing zones. In zones where chalcopyrite is present gold frequently reports especially in sheared greenstone. However a few chalcopyrite bearing zones are barren.

(3) Where free gold was seen it is usually fine and associated with thin "tension gash" quartz stringers. Where these could be measured they appear to cross cut the main foliation and have an orientation of about 030^{o} with a moderate easterly dip. By contrast gold seen in wider, more tabular veins is coarser. Such veins often contain tourmaline.

(4) The zone(s) of mineralization cut by holes SC-86-6, 13 and 17 could be explained by an elongate lense-like ore shoot having a northerly to northeasterly strike, a moderate easterly dip and a northeasterly plunge. Alternatively by connecting up the high grade zones encountered in holes SC-86-6 and 13, a moderately to steeply southeasterly plunging cylinder-like lense can be envisaged. There does seem to be some continuity of lower grade values between holes SC-86-13 and SC-86-7 (see Figure 386-13) and the writer believes that this trend continues to link up with some of the intersections in "A" zone (see Figure 386-4). However it is also probably that there are some conformable mineralized lenses within the northeasterly trending zones of shearing which pinch out or are offset in an en echelon pattern over short distances.

(5) It is probable that the "nugget" effect has some influence. One sample with coarse free gold assyed only 0.11 oz. Au/ton while an assay

of the pulp and reject returned only 0.032 and 0.033 respectively. In drill hole SC-86-6 the pulp and reject assay of a sample which ran 0.04 oz. Au/ton returned 0.053 and 0.152 respectively.

In summary the present programme succeeded in locating three new gold bearing zones on the High Lake property. While the geometry of individual ore shoots is complex, overall continuity of "A" zone with No. 1 Anomaly zone has been established. This zone is at least 1,100 feet long and still open to the east and there is no reason why similar depth continuity should not be expected.

Diligent work will be required to unravel and trace individual mineralized zones and ore shoots, however given the location, access and nearby existing infrastructure, the writer believes the property has excellent potential to develop a small to medium sized gold mine and further work is recommended.

RECOMMENDATIONS

Phase I

(a) Investigate mineralization and alteration patterns by thin section and polished section studies of a suite of drill core specimens.

(b) Carry out some experimental geophysical surveys i.e. possibly induced polarization, resistivity or various types of electro-magnetic surveys to establish possible signatures or trends over areas of known mineralization.

(c) Stripping and blasting should be carried out over some of the areas of highly anomalous gold geochemistry to see if patterns or trends of mineralization can be discovered.

(d) Detailed geological mapping should be done in stripped areas as well as in the existing exposures around "B", "C" and "R" (Anomaly No. 1) zones.

(e) Computer modeling of the existing drilling data should be performed to investigate possible orientation(s) of ore shoots and/or mineralized zones.

Phase II

Based on the results of Phase I a programme of exploratory drilling should be undertaken to test the results of those studies.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

respectfully submitted,

DAWSON GEOLOGICAL CONSULTANTS LTD.,

James M. Dawson

James M. Dawson, P. Eng.

Kamloops, B. C.
March 31, 1986.

APPENDIX A

DRILL LOGS

KERR—DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suite 206 - 310 Nicola St.
Kamloops, B.C.
Phone 374-0544

PROPERTY HIGH LAKE HOLE No. SC-86-1

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -90°
Claim
Section
Bearing 152 T

Total Depth 200 ft.
% Recovery
Elev. Collar
Latitude 0 + 93 NW
Departure 33 + 26 NE

Sheet No. 1 of 4
Logged by J. M. Dawson
Date Begun Jan 21, 1986
Date Finished Jan. 23/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz./T)			
		Hole cased to 10 feet.						
10 - 17	6"	Dark green grey to black, fine grained, dense, relatively fresh basalt - minor narrow calcite stringers up to ½" wide at random angles; minor fine grained disseminated pyrite cubes.						
17 - 27	0	Similar to last section; @ 19' 10" a 2½" vein of quartz with minor pyrite and magnetite; vein at 20° to core axis.						
27 - 37	0	Similar fine grained dense basalt; trace disseminated pyrite.						
37 - 47	0	Similar to last section; trace pyrite.						
47 - 57	0	Similar to last section; narrow stringers of quartz with small magnetite blebs at end of section.						
57 - 67	0	Similar to last section; minor quartz and quartz-epidote stringers.						

KERR—DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suite 1 - 219 Victoria St.
Kamloops, B.C.
Phone 374-0544

PROPERTY HIGH LAKE HOLE No. SC-86-1 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz/T)			
67-77	0	Similar to last section; minor fine grained pyrite						
		as scattered grains and stringers.						
77-87	0	Similar dense, hornfelsed basalt; minor fine grained						
		pyrite along some narrow quartz stringers; @ 80' a						
		2½" vein of quartz-epidote with scattered blebs of						
		chalcopyrite and pyrite.						
87-97	0	Dark greenish black basalt; becoming denser and						
		more hornfelsic; minor quartz and calcite veinlets;						
		minor pyrite as scattered small grains or narrow						
		elongate stringers.						
97-107	0	Similar to last section.						
107-117	0	Similar to last section; 10-15 small irregular						
		stringers of quartz and calcite from 20° to 60°						
		to core axis; minor pyrite.	88101	114-119	.04			
117-127	0	From 117-119' similar black dense, hornfelsed						
		basalt with scattered narrow quartz-calcite						
		stringers; minor pyrite; from 119-125'4" dark greenish						
		black foliated meta-basalt (hornblende-biotite-						
		chlorite schist) with numerous conformable thin						
		calcite layers and narrow pyrite seams; 2 narrow						
		pyrite-chalcopyrite-magnetite zones (¼" to ½"	88102	119-124	.08			
		thick) at 121' and 121'7"; from 125'4" to 127'						

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PROPERTY HIGH LAKE HOLE No. SC-86-1 SHEET No. 3 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz/T)			
		massive unfoliated hornfelsed basalt with thin						
		grey quartz-carbonate stringers; 1-2% sulphides						
		between 119' and 125'4".	88103	124-129	Tr.			
127-137	0	From 127' to 132'1" dense black, hornfelsed basalt						
		with minor calcite stringers; from 132'1" to 137'						
		primarily foliated meta-basalt - heavily veined	88104	129-132	Tr.			
		with quartz, calcite and orange-pink ankerite(?);						
		scattered blebs of pyrite up to ½" wide; pyrite	88105	132-137	Tr.			
		~ ½%.						
137-144	0	From 137-138½' dense black hornfelsed basalt with	88106	137-138½	Tr.			
		irregular carbonate stringers; scattered blebs						
		of pyrite; from 138½ - 144' grey to pinkish						
		porphyritic granodiorite; parts are much darker	88107	138½-144	Nil			
		from contained partly digested basalt; rounded to						
		ghost-like grey quartz-eyes; one ½" wide barren						
		quartz vein @ 139'3" @ 20° to core axis.						
144-147	0	Pink to grey granodiorite - consists of 60% pink,						
		equant feldspar crystals (1-3 mm), 20% contained						
		grey to black basaltic material (biotite, chlorite,						
		hornblende) and 20% quartz as rounded quartz eyes						
		and diffuse clots.						
147-157	0	Similar to last section; minor scattered very fine						
		grained pyrite and rarely larger blebs.						

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PROPERTY HIGH LAKE HOLE No. SC-86-1 SHEET No. 4 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz/T)			
157-167	0	Similar grey "hybrid" porphyritic granodiorite - occasional euhedral orthoclase crystals up to 1" long; traces fine grained, disseminated pyrite.						
167-177	0	Similar to last section.						
177-187	0	Similar hybrid granodiorite; several narrow (¼-½") quartz stringers @ 5-10% to core axis containing minor pyrite and traces chalcopyrite	88108 88109	177-182 182-187	Nil Tr.			
187-197	0	From 187-189' similar to last section; from 189-197' dark grey-brown, relatively fresh hornfelsed basalt; knife edge contact with intrusive rocks @ 30° to core axis.						
197-200	0	From 197-198'4" similar black, dense basalt; from 198'4"-200' dark grey, unaltered hybrid porphyritic granodiortie; minor pyrite associated with small, vuggy quartz-calcite lense at 199'8".						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. SC-86-2 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -60° .....
Claim .....
Section .....
Bearing ..... 152 T .....

Total Depth ..... 145 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 0 + 93 NW .....
Departure ..... 33 + 26 NE .....

Sheet No. ..... 1 ..... of ..... 3 .....
Logged by ..... J. M. Dawson .....
Date Begun ..... Jan 23/86 .....
Date Finished ..... Jan 24/86 .....
Core Stored at ..... Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T)			
		Hole cased to 14 feet.						
14-17	16"	Dark green to black, finegrained, dense basalt.						
17-27	0	Similar basalt; @ 24' a 2" quartz vein at 20° to						
		core axis; minor blebs of pyrite and chalcopyrite						
		@ 25'2"; @ 26'3" a ½" quartz stringer with blebs						
		of pyrite.						
27-37	0	Black, dense basalt.						
37-47	0	" " "						
47-57	0	" " "						
57-67	0	Black, dense, hornfelsed basalt cut by occasional						
		stringers of quartz-calcite; @ 61'3" a ½" quartz	88128	57-62	Tr.			
		vein with minor disseminated pyrite and chalcopyrite;						
		@ 63'9" a 2" lense or vein of quartz with semi-						
		massive magnetite, chalcopyrite and pyrite at						
		approximately 30° to core axis; from 63'9" to end	88129	62-67	.01			
		of section several thin pyrite stringers at 30-40°						
		to core axis; rock is foliated at same orientation.						

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PROPERTY HIGH LAKE HOLE No. SC-86-2 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz/T)			
67-77	0	Black, foliated basalt or hornblende, biotite						
		chlorite schist; zone is quite magnetic; contains	88130	67-72	.03			
		3-4% pyrite as thin seams parallel to foliation						
		or schistocity; also disseminated pyrite grains	88131	72-77	.03			
		in thin, dark grey conformable quartz lenses.						
77-87	0	Similar black, foliated, highly magnetic altered	88132	77-82	.03			
		basalt; locally up to 3% pyrite in narrow quartz						
		lenses as at 81'10", however overall pyrite content						
		is ½% - 1%.	88133	82-87	.03			
87-97	0	From 87-89½' similar foliated basalt or HBC schist-						
		traces pyrite only; 89½-92 foliated basalt heavily	88134	87-89½	Tr.			
		mineralized with pyrite-chalcopyrite-magnetite in						
		quartz stringers parallel to schistocity i.e. about	88135	89½-92	1.42			
		40° to core axis; 15-20% sulphides; from 92-97'						
		black foliated basalt with 2-3% pyrite in						
		conformable stringers.	88136	92-97	.02			
97-107	0	From 97-98'3" foliated basalt cut by quartz						
		stringers with some disseminated pyrite-chalcopyrite-						
		magnetite ~ 5-7% sulphides; from 98'3"-99'10"	88137	97-102	.28			
		similar metabasalt with traces of pyrite and						
		chalcopyrite in thin conformable stringers;						
		99'10"-101'8" similar basalt with 3 lenses of quartz						
		containing pyrite, chalcopyrite and magnetite						
		~ 2-3% sulphides in section; 101'8"-107' schistose	88138	102-107	.05			

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PROPERTY HIGH LAKE HOLE No. SC-86-2 SHEET No. 3 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au (oz/T)			
		metabasalt with scattered clots of siliceous						
		material containing minor pyrite and chalcopyrite;						
		~ 1% sulphides in this section.						
107-117	0	Similar to last section cut by 10-15 irregular	88139	107-112	.04			
		stringers of quartz-calcite; minor scattered pyrite;						
		< 1% pyrite in section; trace chalcopyrite -	88140	112-117	Tr.			
		several strongly magnetic zones.						
117-127	0	From 117-118½' foliated metabasalt as before,						
		minor scattered pyrite; from 118½-127' dark blue-	88141	117-118.5	.10			
		grey to black massive, unfoliated hornfelsed	88142	118.5-122	Tr.			
		basalt; minor scattered pyrite stringers.	88143	122-127	Tr.			
127-137	0	From 127-134'10" dark green grey to black, horn-						
		felsed basalt; from 134'10"-137' medium to dark						
		grey 'hybrid' porphyritic granodiorite.						
137-145	0	Similar relatively fresh "hybrid" granodiorite.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. SC-86-3 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -90°
Claim
Section
Bearing 152T

Total Depth 300 ft.
% Recovery
Elev. Collar
Latitude 1 + 78NW
Departure 33 + 26NE

Sheet No. 1 of 5
Logged by J.M. Dawson
Date Begun Jan. 25, 1986
Date Finished Jan. 27/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
		Hole cased to 2 feet.						
3-13	6"	Grey, relatively unaltered "hybrid" porphyritic granodiorite.						
13-17	0	Similar to last section.						
17-27	0	" " "						
27-37	0	" " "						
37-47	0	Similar to last section; from 40'8"-41'10" zone of pinkish potash feldspar altereation - several stringers of pyrite quartz @ 30° to core axis.						
47-57	0	Dark grey porphyritic "hybrid" granodiorite.						
57-67	0	Similar to last section.						
67-77	0	" " "						
77-87	0	Similar dark grey porphyritic granodiorite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-3 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
87-97	0	Similar to last section.						
97-107	0	Similar "hybrid" granodiorite becoming darker and						
		grading to "basalt" with scattered quartz eyes in						
		last 2 feet of section.						
107-117	0	From 107'-109'3" altered basalt with scattered						
		quartz eyes; from 109'3" to 111'10" porphyritic						
		"hybrid" granodiorite - contact relative sharp						
		@ 111'10" - at 40° to core axis; from 111'10" to 117'						
		greenish black, somewhat chloritic basalt;						
		scattered narrow calcite stringers; trace pyrite.						
117-127	0	Dark greenish black, slightly chloritic basalt;						
		@ 123'3" - 1" quartz calcite stringer and adjacent						
		pyrite stringers over 1" width @ 25° to core axis.						
127-137	0	Dark greenish black chloritic basalt; foliated at						
		40° to core axis to 135'; from 135'-137' more						
		massive greenish black basalt, scattered narrow						
		quartz-calcite stringers - trace pyrite.						
137-147	0	Dense, black, hornfelsed basalt; minor pyrite.						
147-157	0	Similar to last section.						
157-167	0	" " "						

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PROPERTY HIGH LAKE HOLE No. SC-86-3 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
167-177	0	From 167-172'4" similar fine grained dense						
		homogeneous basalt; from 172'4" to 175'9" darker						
		green-black coarser hornblende biotite hornfelsic						
		rock cut by minor calcite stringers; trace pyrite;						
		175'9" to 177' fine grained dark greenish metabasalt.						
177-180	4"	Fine grained, dense greenish black metabasalt.						
180-187	0	Similar to last section; trace pyrite.						
187-197	3"	Dark green to black metabasalt with 3 narrow 3-4"						
		wide zones of schistose HBC schist - 20-30° to						
		core axis; minor calcite stringers.						
197-207	1"	Similar metabasalt; scattered calcite and lesser						
		quartz stringers; very minor pyrite.						
207-217	[2 ft.	Similar dark greenish black meta-basalt; several						
	extra	narrow schistose zones of shearing @~30° to core						
	core]	axis; scattered thin calcite strings; minor	88211	207-212	Tr.			
		narrow pyrite stringers; @ 211'10" narrow stringers						
		of pyrite with lesser chalcopyrite; @ 216'4"						
		½-3/4" wide chloritized, schistose zone with	88212	212-217	Tr.			
		calcite and semi-massive pyrite; @ 30° to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-3 SHEET No. 4 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
217-222	[1 foot	Dark green to black massive, meta-basalt; minor						
	extra	scattered pyrite; @ 218'8" a 1½" quartz vein with	88213	217-222	Tr.			
	core]	minor pyrite, chalcopyrite and pyrrhotite @ 70° to						
		core axis.						
222-227	12"	Dense, dark green-black metabasalt; minor calcite						
	** Extra	stringer; trace pyrite.						
	foot last							
	section							
227-237	0	Fine grained, dense, black meta basalt, trace pyrite.						
237-247	2"	From 237-241'3" similar meta-basalt; minor zones of	88214	237-242	Tr.			
		schistose rock (HBC schist) minor scattered pyrite;						
		from 241'3"-247' dark green to black, hybrid basalt-						
		granodiorite - 30% quartz and feldspar phenocrysts						
		in dense black, fine grained basaltic matrix.						
247-257	0	From 247-249'10" similar dark grey to black hybrid						
		basalt - granodiorite; from 249'10"-251'6"	88215	250-251.5	Tr.			
		schistose meta-basalt or HBC schist; minor fine						
		grained pyrite along foliation planes; 30° to core						
		axis; one area of weakly magnetic material; 251'6"						
		to 257' fine grained, dense, unfoliated meta-basalt.						
257-267	0	Fine grained, dense, black meta-basalt; 3 narrow	88216	257-262	Tr.			
		schistose zones @ 258-258½', from 261-261'4",	88217	262-267	Tr.			
		263'3"-263'4"; trace pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-3 SHEET No. 5 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
267-277	0	Similar dense meta-basalt with several narrow	88218	267-272	Tr.			
		schistose zones; minor pyrite in a few narrow stringers;						
		2 narrow barren quartz veins @ 60° to core axis.	88219	272-277	Tr.			
277-287	0	Similar to last section; minor pyrite as	88220	282-287	Tr.			
		disseminated grains and fracture coatings and trace						
		pyrrhotite.						
287-297	0	Dense, dark green to black meta-basalt - unfoliated	88221	287-292	Tr.			
		with scattered thin stringers and fracture coatings						
		of pyrite, pyrrhotite and lesser chalcopyrite	88222	292-297	Tr.			
		~ 1% sulphides in section.						
297-300	0	Dark green to black metabasalt - some foliation at	88223	297-300	Tr.			
		end of section; minor scattered pyrite and						
		pyrrhotite.						
		End of Hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-3A

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -70°
Claim
Section
Bearing 152 T

Total Depth 30 ft.
% Recovery
Elev. Collar
Latitude 1 + 78NW
Departure 33 + 26NE

Sheet No. 1 of 1
Logged by J.M. Dawson
Date Begun Jan. 24/86
Date Finished Jan. 25/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
		Hole cased to 3 feet.						
3-17	3"	Dark grey, "hybrid" porphyritic granodiorite; scattered subhedral to euhedral orthoclase crystals up to 1" long, and rounded quartz eyes to 1/3"; @ 12'3" a ½-3/4" quartz vein with ¼" massive pyrite adjacent to this; surrounding rock is green-grey, chloritized and silicified for about 6" on either side of vein.	88204	11.5-13	Tr.			
17-27	0	Similar porphyritic granodiorite; from 20-21'3" rock is stained to a pink-red colour - hematite(?) of potash feldspar alteration; @ 26'10" a 1" quartz stringer with heavy pyrite @ 30° to core axis.						
27-30	3"	Dark grey, "dirty" porphyritic granodiorite.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -90°
Claim
Section
Bearing 152T

Total Depth 350 feet
% Recovery
Elev. Collar
Latitude 1 + 78NW
Departure 34 + 26NE

Sheet No. 1 of 6
Logged by J.M.Dawson
Date Begun Jan. 28/86
Date Finished Jan. 31/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		Hole cased to 8 feet.						
8-17	0	Black, fine grained meta-basalt or hornfelsed basalt; minor pyrite stringers.						
17-27	0	Similar to last section.						
27-37	0	From 27-30'8" similar dense basalt; from 30'8"-34' schistose, recrystallized basalt or HBC schist; foliation at ~45° to core axis; from 34-37' fine grained, dense meta-basalt; trace pyrite and pyrrhotite.						
37-47	0	From 37-42' massive, fine grained, dark green to black meta-basalt; minor scattered calcite stringers; from 42-47' zone of alternating massive meta-basalt and lenses of HBC schist - zones 6-10" wide @ 20° to core axis.						
47-57	0	Similar mixed zones of fine grained dense, black meta-basalt and coarser grained hornblende - biotite-chlorite schist; minor fine grained pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
57-67	0	Dense, recrystallized basalt; unfoliated but						
		coarser in grain size than previous; trace pyrite.						
67-77	0	Similar to last section; trace pyrite and						
		chalcopyrite.						
77-87	0	From 77-81½' similar recrystallized meta-basalt;						
		schistose in part; from 81½'-87' primarily dark						
		grey to black porphyritic hybrid granodiorite;						
		trace pyrite.						
87-97	0	Similar hybrid granodiorite with occasional subhedral						
		orthoclase crystals to 1" long; trace pyrite.						
97-107	0	Similar hybrid granodiorite with section 102-105'						
		comprising meta-basalt; trace of pyrite.						
107-117	0	From 107-112' hybrid granodiorite with occasional						
		subhedral orthoclase crystals to 1" long; from						
		112-117' grey to black, foliated and chloritic						
		in places, meta-basalt; trace of pyrite.						
117-127	0	Dark green to black meta-basalt with several calcite						
		stringers; at 123'9" a ½" quartz vein with scattered						
		pyrite and pyrrhotite at 90° to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
127-137	0	Dark green to black, fine grained dense meta-basalt.						
137-147	0	Similar to last section; trace pyrite.						
147-157	0	Similar to last section; 1" quartz vein at 153'6" with scattered blebs of pyrite and pyrrhotite at 45° to core axis.						
157-167	0	Similar to last section; texture somewhat coarser grained, approaching gabbroic in texture.						
167-177	0	Dark green to black massive meta-basalt; trace pyrrhotite and pyrite.						
177-187	0	Dark green to black, massive meta-basalt.						
187-197	0	Similar to last section; several narrow quartz veins (smoky quartz) < 1 inch; no sulphides present.						
197-207	0	Similar to last section; trace of pyrite.						
207-217	0	Similar to last section; at 210' section of irregular quartz stringers (5" in length) containing blebs of pyrite scattered throughout; minor pyrite elsewhere within the section.						
217-227	0	Dark green to black, massive meta-basalt, trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4 SHEET No. 4 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
227-237	0	Similar to last section; scattered pyrite on fracture surfaces.						
237-247	0	Dark green to black massive meta-basalt; noticeably more calcite stringers with ½% pyrrhotite throughout section.						
247-257	0	Similar to last section; trace of pyrite.						
257-267	0	From 257-259.5' dark green to black meta-basalt; from 259.5'-264.5' coarse hornblende-biotite-chlorite schist; from 265.5-267' similar to first part of section with scattered quartz stringers; minor pyrrhotite and pyrite throughout section.						
267-277	0	Dark green to black fine grained dense meta-basalt contains numerous quartz stringers at various angles to core axis, minor pyrite associated with these stringers.						
277-287	0	Mixed zones of fine grained dense black meta-basalt and coarser grained hornblende-biotite-chlorite schist; at 282'3" a 3" quartz vein with trace pyrite; 80° to core axis; at 282'9" a 3-3.5' quartz vein, trace of pyrite; 80° to core axis. Noticeable increase in quartz stringers in this section, some of which contain trace pyrite and pyrrhotite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4 SHEET No. 5 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
287-297	0	Schistose recrystallized basalt or HBC schist						
		throughout section; foliation at ~ 20° to core axis;						
		minor pyrite and pyrrhotite.						
297-307	0	Similar to last section; trace of pyrite and						
		pyrrhotite.						
307-317	0	Schistose recrystallized basalt or HBC schist						
		foliation at ~ 30° to core axis; chlorite, calcite	9020	312-317	Tr.			
		quartz content increases in this section towards the						
		end; up to 1% pyrite in places; fault gouge at						
		314'; minor pyrrhotite.						
317-327	0	Mixed zones of dense dark green to black meta-basalt						
		and coarser grained hornblende-biotite-chlorite	9021	317-322	Tr.			
		schist; foliation at various angles to core axis;						
		several quartz veins up to 1.5" in length containing	9022	322-327	Nil			
		pyrite and pyrrhotite; quartz stringers containing						
		pyrite, and greater numbers of calcite stringers						
		with pyrite and pyrrhotite.						
327-337	0	Dark green to black meta-basalt with coarser grained						
		HBC schist in places; numerous calcite stringers	9023	327-332	Tr.			
		at various angles to core axis; some quartz in						
		places; up to 1-2% pyrite and pyrrhotite within	9024	332-337	Tr.			
		section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-4 SHEET No. 6 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
337-347	0	Dark green to black, dense meta-basalt with zones of						
		HBC schist; 1-2% pyrrhotite in places; pyrite and	9025	337-342	Tr.			
		minor chalcopyrite.	9026	342-347	Tr.			
347-350	0	Similar to last section; 5-10% pyrrhotite, minor						
		chalcopyrite; primarily HBC schist here, coarser	9027	347-350	Tr.			
		grained.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-6

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 377 ft.
% Recovery
Elev. Collar
Latitude 6 + 13SE
Departure 32 + 00 NE

Sheet No. 1 of 9
Logged by J.M.Dawson
Date Begun Jan. 23/86
Date Finished Jan 26/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.	Pulp Au oz/T.	Reject Au oz/T.	Quartered Sample No.	Au oz/T.
		Hole cased to 15 feet.							
15-17	0	Light green grey to dark greenish black, highly altered granodiorite and "hybrid" granodiorite; foliated chloritized and sericitized; 2-5% pyrite as stringers and disseminated grains; foliation at 45° to core axis.	88110	14.5-17	.05				
17-27	0	Medium to dark green, weakly to moderatly foliated, "hybrid" granodiorite-basalt-chloritized and sericitized - abundant narrow calcite stringers; pyrite 2-3% as stringers and disseminations.	88111	17-22	.03				
			88112	22-27	.07			9741	.109
27-37	0	From 27-34'8" similar dark greenish black, moderately foliated, chloritized and sericitized "hybrid" basalt - granodiorite; 2-3% pyrite; many thin calcite stringers; pyrite sometimes as thin seams parallel to foliation; from 34'8" to 37' highly altered pale green to dark green, quartz-sericite and quartz-sericite-chlorite schist; 2-3% pyrite as disseminated grains and irregular lenses - often parallel to foliation; pyrite very fine grained.	88113	27-32	.15				
			88114	32-37	.16	0.143	0.102	9742	.091

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
37-47	0	Dark green to black, well foliated meta-basalt or						
		hornblende-biotite-chlorite schist; calcite stringers						
		common; foliation @ 45° to core axis; 2-5% pyrite as	88115	37-42	.10			
		stringers parallel to foliated as well as						
		disseminated grains.	88116	42-47	.07			
47-57	0	From 47-50' well foliated, meta-basalt of HBC schist						
		grading to pale green to buff quartz-eye sericite	88117	47-52	.02			
		schist; minor calcite stringers; ~ 1% pyrite as						
		disseminations; from 50-57' pale green, quartz-eye-	88118	52-57	.05			
		sericite schist; minor very fine grained pyrite;						
		@ 57' a 1" barren vein of smoky quartz at 25° to						
		core axis.						
57-67	0	Pale green, quartz-eye, sericite schist; locally	88119	57-62	Tr.			
		darker green, minor pyrite locally to 1%; quartz						
		eyes well rounded.	88120	62-67	Tr.			
67-77	0	From 67-74'3" similar pale green to "dijon mustard"	88121	67-72	.03			
		colour quartz-eye sericite schist; minor pyrite;						
		from 74'3" to 77' transition to darker green sericite	88122	72-77	.07			
		chlorite schist; foliation @ 40° to core axis; minor						
		pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 3 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.	Quartered Sample No.	Au oz/T.
77-87	0	From 77-82' similar greenish quartz-sericite-					
		chlorite schist - quartz eyes less prominent;	88123	77-82	.10		
		pyrite ~ ½% as fine grained disseminated grains;					
		from 82-87' darker green, quartz-chlorite-sericite	88124	82-87	.10		
		schist; 1% pyrite very fine grained.					
87-97	0	From 87-88'7" similar dark green, quartz-chlorite-					
		sericite schist; pyrite to ½% but locally	88125	87-89	.40		
		conformable thin lenses of very fine grained pyrite;					
		88'7"-97' pale green, quartz-eye sericite schist;	88126	89-94	.34	9743	.235
		minor pyrite as disseminated grains and as thin					
		conformable lenses.					
97-107	0	Similar pale green, quartz eye sericite schist;					
		minor fine grained pyrite.	88127	94-99	.09		
107-117	0	From 107 - 109'11" pale green, quartz-eye chlorite-	88224	99-104	.20		
		sericite schist; minor pyrite; from 109'11" - 114'5"	88225	104-109	.13		
		dark green, foliated meta-basalt-granodiorite -	88226	109-112	.02		
		abundant quartz eyes - minor pyrite; from 114'5" -	88144	112-117	.03		
		117' weakly altered i.e. chloritized granodiorite,					
		trace pyrite.					
117-127	0	From 117' - 119'4" weakly chloritized, foliated					
		granodiorite - trace pyrite; from 119'4" -120'10"	88145	117-122	.02		
		moderately to strongly, chloritized granodiorite -					
		no pyrite visible; from 120'10" - 125'10" weakly	88146	122-127	.31	9744	.089

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 5 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
167-177	0	Relatively fresh, porphyritic grey granodiorite -	88233	167-172	Tr.			
		minor pyrite in a few stringers - trace chalcopyrite						
		@ 168'1".	88234	172-177	Tr.			
177-187	0	Fresh to weakly chloritized granodiorite porphyritic	88235	177-182	Tr.			
		in part; minor quartz lenses; scattered biotite	88236	182-187	.01			
		coated fractures frequently with associated pyrite;						
		pyrite < ½%.						
187-197	0	From 187' - 188'2" fresh to weakly chloritized	88149	187-192	.16			
		granodiorite - minor pyrite; from 188'2" - 193'11"						
		moderately to strongly chloritized and silicified	88237	192-195	.04			
		granodiorite; ½% pyrite primarily as narrow						
		fracture coatings with biotite; from 193'11" - 197'	88150	195-197	.02			
		primarily weakly chloritized granodiorite -						
		~ ½% pyrite.						
197-207	0	From 197 - 199'10" fresh to weakly chloritized	88238	197-202	Tr.			
		granodiorite - minor pyrite; from 199'10" - 202'3"						
		green grey moderately to strongly chloritized and	88239	202-207	.03			
		sericitized granodiorite - trace pyrite; from						
		202'3" - 207' weakly chloritized and sericitized						
		granodiorite; minor pyrite.						
207-217	0	From 207' - 212' weakly chloritized and sericitized	88240	207-211	.01			
		granodiorite; minor pyrite; from 212' - 214'6"	88201	211-214.5	.05			
		moderate to strongly chloritized and sericitized						

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 6 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.		Pulp Au oz/T.	Reject Au oz/T
		granodiorite; minor pyrite; from 214'6" - 217'						
		relatively fresh granodiorite; porphyritic in						
		places; trace pyrite.						
217-227	0	From 217' - 218'9" weakly to moderately chloritized	88241	214½-218½	Tr.			
		and sericitized granodiorite - trace pyrite; from						
		218'9" - 221'6" pale green quartz-eye sericite						
		schist; minor pyrite; from 221'6" - 227' very well	88202	218½-221½	.01			
		foliated, black hornblende-biotite-chlorite schist;						
		many conformable stringers of pyrite 7-10% pyrite in	88203	221½-226½	.17			
		section; minor calcite veinlets.						
227-237	0	From 227' - 227'10" similar foliated meta-basalt;	88242	226½-228	.19			
		up to 3% pyrite; from 227'10" - 237' moderately						
		to strongly sericitized and chloritized granodiorite	88243	228-233	.01			
		grading in places to a quartz-eye chlorite-sericite						
		schist; minor pyrite.	88205	233-238	.04			
237-247	0	From 237' - 237'7" weakly to moderately altered	88244	238-243	Tr.			
		(chlorite-sericite); from 237'7" to 243'5" strongly						
		altered granodiorite i.e. quartz eye - sericite -						
		chlorite schist - minor pyrite; from 243'5" - 247'	88245	243-247	Tr.			
		moderately chloritized and sericitized granodiorite;						
		quartz eyes prominent, minor pyrite as stringers or						
		fracture coatings.						

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 7 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.		Pulp Au oz/T.	Reject Au oz/T
247-257	0	From 247 - 252' dark grey to black hybridized basalt-						
		granodiorite-quartz eyes prominent; pyrite up to 1%	88206	247-252	.02			
		mostly as stringers roughly at 45° to core axis;						
		from 252' - 257' dark to light greenish, quartz eye-	88207	252-257	.04		0.053	0.152
		sericite-chlorite schist - minor pyrite in						
		conformable stringers.						
257-267	0	Pale green, quartz eye - sericite schist;						
		NOTE - a number of narrow ? tension gash like grey	88246	257-262	.58			
		quartz veinlets - 3% of volume; small specks of free						
		gold associated with at least two; these veinlets	88247	262-267	2.14		1.284	0.787
		have an orientation of 030°T and 75°WNW; 1% pyrite						
		in section parallel to foliation but also in some of						
		the "tension" fracture fillings.						
267-277	0	Similar pale green, quartz-eye sericite schist with	88208	267-269	1.99			
		2-4% irregular quartz veinlets and lenses, "tension	88248	269-274	1.87		1.875	1.906
		gash fillings" - 3 occurrences of visible gold,						
		1% pyrite in this section.	88249	274-279	1.66			
277-287	0	From 277 - 280'4" pale green, quartz-eye - sericite						
		schist; minor pyrite - less than 1% quartz as narrow	88250	279-283	.06			
		irregular cross-cutting stringers; from 280'4" -						
		282'8" moderately to strongly chloritized and	9001	283-288	.02			
		sericitized granodiorite; minor pyrite; from						
		282'8" - 287' green-grey moderately to weakly						
		chloritized granodiorite - trace pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 8 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
287-297	0	From 287' - 290'4" moderately to weakly chloritized						
		and sericitized granodiorite; trace pyrite; from	9002	288-293	.01			
		290'4" - 291'4" fine grained dark green to black	9003	293-298	.02			
		basalt dike; from 291'4" - 297' green grey weakly						
		to moderately chloritized granodiorite; trace pyrite.						
297-307	0	From 297' - 298' weakly to moderately chloritized	9004	298-301	.11			
		and sericitized granodiorite; from 298 - 301' greenish						
		grey strongly foliated and altered (sericite and	9005	301-304.5	.04			
		chlorite) granodiorite; minor irregular grey quartz						
		stringers; minor pyrite; from 301-304'6" pale	88209	304.5-306	.01			
		green, quartz eye-sericite schist; minor pyrite;						
		from 394'6" - 305'6" red-brown bleached	9006	306-310	Tr.			
		granodiorite - ?? fault zone; from 305'6" - 307'						
		weakly to moderately chloritized granodiorite -						
		slight hematite staining in this zone.						
307-317	0	From 307 - 312' red brown, hematite stained, altered	9007	310-315	Tr.			
		granodiorite; from 312 - 317' red to orange buff,						
		bleached and altered granodiorite - only quartz	88210	315-317	Tr.			
		eyes are unaltered; no pyrite.						
317-327	4"	From 317 - 319'3" red brown, altered granodiorite;	9008	317-322	.01			
		from 319'3" -327' red brown to grey weakly chloritized						
		to fresh porphyritic granodiorite.	9009	322-327	.01			

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PROPERTY HIGH LAKE HOLE No. SC-86-6 SHEET No. 9 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
327-337	0	Dark grey to black "hybrid" porphyritic granodiorite	9010	327-332	.01			
			9011	332-337	.02			
337-347	0	Similar to last section.	9012	337-343	Tr.			
			9013	342-347	Tr.			
347-357	0	Similar weakly chloritized, porphyritic granodiorite	9014	347-352	Tr.			
			9015	352-357	Tr.			
357-367	0	Similar to last section.	9016	357-362	Tr.			
			9017	362-367	Tr.			
367-377	0	Similar to last section.	9018	367-372	Tr.			
			9019	372-377	Nil			
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. ..... SC-86-7 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -45° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 407 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 6 + 00SE .....
Departure ..... 36 + 00NE .....

Sheet No. ..... 1 ..... of ..... 7 .....
Logged by M. E. Dawson .....
Date Begun Feb. 1/86 .....
Date Finished Feb. 5/86 .....
Core Stored at Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 14 feet.			
14-17	1'10"	Relatively fresh, grey porphyritic granodiorite.			
17-27	0	Similar to last section; no sulphides present.			
27-37		From 27' - 33' similar to last section, from 33' - 37' increase in feldspars both in number and size (some crystals up to 1"); slight foliation in places with trace of pyrite.			
37-47		From 37 - 46.5' similar to last section (33 to 37'); from 46.5 - 47' rock is less porphyritic and more siliceous; a darker, dirtier colored grey-black.			
47-57	6" of extra core	Dirty grey colored porphyritic granodiorite with increased quartz content, with minor quartz stringers; minor pyrite.	9028	47-52	Tr.
			9029	52-57	Tr.
57-67	0	Similar to last section; with an increase in quartz content.	9030	57-62	Tr.
			9031	62-67	Tr.

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
67-77	0	From 67 - 71'1" similar to last section; from 71'1"	9032	67-71	Tr.			
		to 77' dark grey to black altered "hybrid" grano-						
		diorite with basaltic residue. Contains numerous	9033	72-76	.01			
		calcite stringers and veins primarily 20° to core						
		axis; pyrite up to 1% in places, trace of pyrrhotite.						
77-87	0	From 77 - 79'10" similar to last section (71'1" -						
		77'); from 79'10" to 87' light grey to dirty grey						
		porphyritic granodiorite; contains minor pyrite in	9034	76-80	.01			
		foliated seams; feldspar crystals up to ½" in						
		latter part of section; blue-grey quartz in latter	9035	80-87	Tr.			
		part of section.						
87-97		From 87 - 92'3" grey to dark grey porphyritic	9036	87-92	Tr.			
		granodiorite, somewhat altered pyrite on fracture						
		surfaces; from 92'3" to 97' dark grey to black	9037	92-97	.01			
		meta-basalt; HBC schist in places; numerous calcite						
		stringers with pyrite; pyrite up to 1% in this part						
		of section.						
97-107	0	Similar to last section; however greater alteration	9038	97-102	.02			
		in places, foliation @ 20° to core axis; pyrite up to						
		5% in places; towards the end of section less	9039	102-107	.01			
		altered - more of a meta-basalt.						

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 3 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
107-117	0	From 107 - 115'3" HBC schist with numerous calcite	9040	107-112	Tr.			
		stringers and stringers of pyrite; from 115'3" to						
		117' light grey porphyritic granodiorite with	9041	112-117	Tr.			
		stringers of quartz containing pyrite; quartz vein at						
		116'11" ~ ½ inch wide containing pyrite.						
117-127	6"	Light grey to buff colored porphyritic granodiorite;						
		this is highly siliceous and altered in places with	9042	117-122	.08			
		up to 5% pyrite in places, numerous blebs and						
		stringers of pyrite throughout section; this section	9043	122-127	.03			
		becomes dark grey and more siliceous towards the						
		end of section.						
127-137	0	Grey to dark grey porphyritic granodiorite, very	9044	127-132	.03			
		altered in places and quite siliceous; numerous						
		stringers of pyrite, up to 7% pyrite in places	9045	132-137	.02			
		phenocrysts throughout section up to ½" in size.						
137-147	0	Similar to last section; however less silicified						
		and less altered, particularly towards the end of	9046	137-142	Tr.			
		section; at 141'5" quartz vein ~ 1" wide, 20° to						
		core axis; does not contain sulphides; pyrite	9047	142-147	Tr.			
		stringers throughout section, however not as						
		concentrated as last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 4 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
147-157	0	Grey porphyritic granodiortie; stringers of calcite	9048	147-152	Tr.			
		throughout; stringers of pyrite throughout section;	9049	152-157	Tr.			
		in places massive pyrite.						
157-167	0	Similar to last section	9050	157-162	Tr.			
			9051	162-167	.01			
167-177	3" extra	Similar to last section; still have lenses of	9052	167-172	Tr.			
	core	massive pyrite	9053	172-177	Tr.			
177-187	0	Similar to last section - grey porphyritic	9054	177-182	Tr.			
		granodiorite with stringers of calcite and pyrite;	9055	182-187	Tr.			
		however there is noticeably less pyrite in this						
		section.						
187-197		Similar to last section; less pyrite than last section;	9056	187-192	Tr.			
		fault gouge at 195'.	9057	192-197	Tr.			
197-207		Grey to dark grey porphyritic granodiorite, foliated,	9058	197-202	Tr.			
		contains stringers of pyrite throughout section;	9059	202-207	Tr.			
		siliceous in parts.						
207-217		From 207' - 215' dark grey to black siliceous hybrid	9060	207-212	Tr.			
		granodiorite in places, in others porphyritic yet						
		siliceous and altered; with phenocrysts up to ¼";	9061	212-217	Tr.			
		minor pyrite throughout section; from 215' - 217'						
		altered and sheared with chlorite and sericite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 5 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
217-227		From 217'-221'4" light grey siliceous, altered grano-						
		diorite with several large (up to 1") phenocrysts	9062	217-221	.01			
		in places; seams of pyrite; chlorite on fracture						
		surfaces; from 221'4" more porphyritic granodiorite	9063	221-227	Tr.			
		with greater number of larger phenocrysts; rock is						
		still very siliceous; minor pyrite.						
227-237	0	Similar to last section; however lighter in color,	9064	227-232	Tr.			
		more porphyritic and less siliceous; minor foliation						
		at 50° to core axis; minor pyrite becoming more	9065	232-237	Tr.			
		siliceous towards end of section.						
237-247	0	Grey porphyritic granodiorite, with large phenocrysts	9138	237-242	Tr.			
		(up to ½") scattered throughout; minor foliation,						
		somewhat siliceous; trace of pyrite.	9139	242-247	Nil			
247-257	0	Grey porphyritic granodiorite with large phenocrysts	9140	247-252	Tr.			
		similar to last section.	9141	252-257	Nil			
257-267	0	Similar to last section, quartz eyes common	9142	257-262	Nil			
			9243	262-267	Tr.			
267-277	0	Dark green foliated meta-basalt to HBC schist in	9144	267-272	Nil			
		places, foliation @ 45° to core axis, 5 - 10% pyrite	9145	272-277	Tr.			
		in the first part of section, minor disseminated						
		pyrite throughout.						

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 6 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
277-287		From 277' - 279'2" similar to last section; from						
		279'2" to 287' grey porphyritic granodiorite,	9146	277-282	Nil			
		quartz eyes common, phenocrysts (up to ½") scattered						
		throughout, minor pyrite.	9147	282-287	Nil			
287-297		Similar to last section; minor foliation @ 50° to	9148	287-292	Nil			
		core axis .	9149	292-297	Nil			
297-307		From 297 - 304' similar to last section; from 304'	9150	297-302	Nil			
		to 307' more altered, more quartz eyes - light grey						
		to buff colored in places, trace of pyrite.	9151	302-307	Nil			
307-317		Similar to last section.	9152	307-312	Nil			
			9153	312-317	Nil			
317-327		Grey porphyritic granodiorite, phenocrysts (up to 1")						
		scattered throughout, quartz eyes common, no						
		sulphies present.						
327-337		Similar to last section.						
337-347	0	Similar to last section.						
347-357		From 347 - 354' similar to last section; from 354'	9154	347-352	Nil			
		to 357' rock is more siliceous with stringers of						
		pyrite; up to 2% pyrite in places.	9155	352-357	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-7 SHEET No. 7 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
357-367		Similar grey porphyritic granodiorite with minor						
		pyrite; @ 360' - 361'6" more altered zone, buff	9156	357-362	Nil			
		colored, quartz eyes common, minor pyrite,						
		scattered phenocrysts.	9157	362-367	Tr.			
367-377		Similar grey porphyritic granodiorite with trace	9158	367-372	Nil			
		of pyrite, strings of calcite running @ 80° to						
		core axis, quartz eyes common, scattered throughout.	9159	372-377	Nil			
377-387		Similar to last section; several zones of buff	9160	377-382	Nil			
		colored granodiorite.	9161	382-387	Nil			
387-397		Similar to last section; however somewhat more	9162	387-392	Tr.			
		altered; foliation @ 50° to core axis; minor pyrite.	9163	392-397	Tr.			
397-407		From 397 - 401' similar to last section, from 401'	9164	397-492	Tr.			
		to 407' dark grey granodiortie, white veinlets,	9165	402-407	Tr.			
		minor pyrite.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. ..... SC-86-8 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -60° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 487 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 4+60SE .....
Departure ..... 28+00NE .....

Sheet No. ..... 1 ..... of ..... 9 .....
Logged by ..... M.E. Dawson .....
Date Begun ..... Feb. 2/86 .....
Date Finished ..... Feb. 5/86 .....
Core Stored at ..... Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ~~oz/T.~~			
		Hole cased to 36 feet.						
36-47	2'	Dark grey, porphyritic granodiortie, with a red coloring; minor foliation ~ 20° from core axis; minor pyrite.						
47-57	0	Similar to last section.						
57-67	0	Similar to last section.						
67-77	0	Similar fresh porphyritic granodiorite with minor pyrite; contains a quartz vein ~1.5" wide which runs with the core axis from 67'9" to 69'3"; vein is barren; similar vein at 74' - 76' barren as well.	9066	67-72	Tr.			
			9067	72-77	Tr.			
77-87	0	Fresh porphyritic granodiorite with foliated sections @ ~ 70° to core axis; within these foliated sections numerous calcite stringers with minor pyrite.	9068	77-82	Tr.			
			9069	82-87	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 2 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
87-97	0	Fresh porphyritic granodiorite, with altered sections						
		becoming more siliceous especially towards end of	9070	87-92	Tr.			
		section; very chloritic on fracture surfaces with						
		minor pyrite throughout the section.	9071	92-97	Tr.			
97-107	0	Dark grey porphyritic granodiorite, altered and	9072	97-102	Tr.			
		siliceous; minor pyrite throughout section; calcite						
		stringers common.	9073	102-107	Tr.			
107-117	0	107'-108'9" dark grey to black highly altered						
		"hybrid" granodiorite; up to 1% pyrite; 108'9" to	9074	107-112	Tr.			
		111'10" highly altered chlorite sericite with quartz						
		eyes common; within this section areas less altered	9075	112-117	Tr.			
		where pheocrysts up to ⅓" are visible; from 111'10"						
		to 117' porphyritic granodiorite with phenocrysts						
		up to 1"						
117-127	0	From 117' - 121'8" fresh porphyritic granodiorite						
		with euhedral crystals up to ⅓", this grades into a	9076	117-121	Tr.			
		darker altered granodiorite with quartz eyes common;						
		from 121'8" - 125'3" green to buff colored quartz-						
		eye sericite chlorite schist in places, up to 2%	9077	121-127	.37			
		pyrite in parts of this section; from 125'3" to						
		127' dark grey siliceous granodiorite with						
		scattered phenocrysts up to ⅓"; minor pyrite through-						
		out this section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 3 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
127-137	0	From 127' to 133'7" grey to red-grey porphyritic						
		granodiorite, large phenocrysts (up to ½")	9078	127-132	Tr.			
		scattered throughout, minor foliation @ ~45° to						
		core axis; trace of pyrite; from 133'7" to 137'	9079	132-137	Tr.			
		darker more altered granodiorite; more quartz here;						
		trace pyrite.						
137-147	0	Dark grey to black siliceous hybrid granodiorite;	9080	137-142	Tr.			
		in places this granodiorite is completely altered						
		to sericite-chlorite with only quartz eyes left						
		unaltered; minor pyrite throughout section;	9081	142-147	Tr.			
		foliation @ ~45° to core axis.						
147-157	0	Similar to last section; with areas of chlorite-	9082	147-153	Tr.			
		sericite schist; from 153' to 157' less altered dark						
		grey to black hybrid granodiorite; minor pyrite	9083	153-157	Tr.			
		calcite abundant in places.						
157-167	0	Grey to black granodiorite; in places this grano-	9084	157-162	Tr.			
		diorite is porphyritic while in others it is						
		"hybrid"; foliation is quite pronounced in places	9085	162-167	Tr.			
		@ ~45° to core axis; calcite stringers scattered						
		throughout section; pyrite up to 3% in places; minor						
		chalcopyrite in the last foot of section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 4 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.		Pulp Au oz/T	Reject Au oz/T
167-177	0	From 167' to 167'10" dark grey to black very altered	9086	167-173	.11		0.032	0.033
		hybrid granodiorite; from 167'10" to 172'7" quartz						
		vein system interspersed with highly foliated						
		hybrid granodiorite; within this section quartz vein						
		is up to 1½ feet wide; stringers of pyrite and						
		calcite throughout this section in the granodiorite;						
		minor chalcopyrite (in blebs); visible gold at						
		169'7"; from 172'7" to 177' highly sheared	9087	173-177	.01			
		and foliated hybrid granodiorite; from 172'7" to						
		174'2" this is a chloritic-sericite rock with						
		quartz eye common; numerous stringers of calcite						
		throughout this section; minor pyrite.						
177-187	0	Dark grey to black highly altered-foliated hybrid						
		granodiorite (slighly porphyritic in places);	9088	177-182	Tr.			
		numerous calcite stringers; pyrite stringers,						
		lesser quartz stringers; pyrite up to 1% in places.	9089	182-187	.01			
187-197	0	From 187' to 192' similar to last section; lenses of						
		pyrite in places; from 192' to 197' grey porphyritic	9090	187-192	.03			
		granodiorite; siliceous and foliated @ 45° to core						
		axis; stringers of pyrite in places; some	9091	192-197	Tr.			
		scattered phenocrysts (¼").						

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 5 of 9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
197-207	0	From 197' to 199'6" similar to last section (192 -						
		197'); from 199'6" to 207' similar porphyritic	9092	197-202	Tr.			
		granodiorite, large phenocrysts (up to 1"); red tinge						
		to section; minor pyrite; minor foliation.	9093	202-207	Tr.			
207-217	0	From 207 - 211'10" foliated "porphyritic" grano-						
		diorite; foliation @$\sim 45^{\circ}$ to core axis; pyrite up to	9094	207-212	.01			
		7% in places here; from 211'10" to 217' similar						
		type rock however less foliated and less siliceous	9095	212-217	Tr.			
		and is marked by scattered phenocrysts up to ½",						
		minor pyrite within seams.						
217-227	0	Similar to last section; meta-basaltic dyke at	9096	217-222	Tr.			
		223'8" to 224'4".	9097	222-227	Tr.			
227-237	0	From 227' to 232' relatively fresh porphyritic						
		granodiorite, minor foliation, scattered large	9098	227-232	Nil			
		phenocrysts (½"); from 232' to 237' grey porphyritic						
		granodiorite, fewer phenocrysts than first part of	9099	232-237	Nil			
		section, siliceous in places; quartz vein runs with						
		core axis from 231' to 233'1" $\sim$ ½" wide in places -						
		barren.						
237-247	0	From 237' to 244' light grey to grey porphyritic						
		granodiorite, siliceous in places, minor pyrite,	9100	237-242	Tr.			
		minor foliation; from 244' to 247' very fine grained						
		granodiorite, possibly dyke material.	9101	242-247	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 6 of [illegible]9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
247-257	0	From 247 - 254'4" grey to dark grey fine grained						
		granodiorite (possibly dyke material); from 254'4"	9102	247-252	Nil			
		to 257' light grey porphyritic granodiorite; minor						
		pyrite.	9103	252-257	Nil			
257-267	0	Light grey porphyritic granodiorite, scattered	9104	257-262	Nil			
		large phenocrysts (½"); minor foliation @ ~50°						
		to core axis.	9105	262-267	Nil			
267-277	0	Similar to last section; several seams of pyrite	9106	267-272	Tr.			
		towards end of section; quartz vein at 272'6"						
		~½" wide; barren.	9107	272-277	Tr.			
277-287	0	From 277' - 282' similar to last section; from						
		282' - 287' much more foliated rock, chloritic in	9108	277-282	Ni.			
		places with quartz eyes common; foliation occurs						
		~30° to core axis; contains calcite stringers;	9109	282-287	Tr.			
		minor pyrite.						
287-297	0	Highly sheared and fractured, red-grey porphyritic						
		granodiorite; numerous calcite stringers; minor	9110	287-292	.01			
		pyrite and chlorite found on fracture surfaces;						
		native copper(?).	9111	292-297	.01			
297-307	0	Similar to last section; here rock is reduced to bits						
		and pieces with fault gouge in places.	9112	297-302	Nil			
			9113	302-307	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 7 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
307-317	0	Similar to last section.	9114	307-312	Tr.			
			9115	312-317	Nil			
317-327	0	Red-grey foliated porphyritic granodiorite;	9116	317-322	Tr.			
		foliation @~45° to core axis; calcite stringers						
		common, chlorite and epidote on fracture surfaces;	9117	322-327	Nil			
		trace of pyrite.						
327-337	0	Similar to last section, with the addition of	9118	327-332	Tr.			
		hematite and more quartz eyes; several stringers						
		of pyrite.	9119	332-337	Tr.			
337-347	0	Similar to last section with increased foliation						
		@ 50° to core axis, quartz eyes common; trace of	9120	337-342	Nil			
		pyrite; from 342'9" to 347' rock is extremely						
		foliated and altered; considerable hematite, calcite	9121	342-347	Tr.			
		and chlorite here, foliation @~45-50° to core axis;						
		trace of pyrite.						
347-357	0	Dark grey porphyritic granodiorite, scattered	9122	347-352	Nil			
		lenses and crystals of hematite throughout section,						
		minor pyrite throughout.	9123	352-357	Nil			
357-367	0	Dark grey to black porphyritic granodiorite similar	9124	357-362	Nil			
		to last section.	9125	362-367	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 8 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
367-377	0	From 367 - 373'10" fine grained foliated porphyritic						
		granodiorite; this blends into a dark grey "hybrid"	9126	367-372	Nil			
		granodiorite; within this first section there are						
		blebs of medium grained porphyritic granodiorite;						
		minor pyrite associated with these zones; from						
		373'10" to 377' dark grey hybrid granodiorite;	9127	372-377	Nil			
		up to 1% pyrite in this zone.						
377-387	0	Similar to last section; from 381 to 383'5" section	9128	377-382	Nil			
		of medium grained porphyritic granodiorite.	9129	382-387	Nil			
387-397	0	From 387 to 395'6" similar to last section; scattered	9130	387-397	Tr.			
		blebs of pyrite throughout this zone up to 1-2%;						
		phenocryst crystals of hematite scattered						
		throughout; scattered calcite stringers; fault gouge						
		at 394'6"; from 395'6" to 397' altered sheared	9131	392-397	Tr.			
		porphyritic granodiorite with quartz eyes common.						
397-407	0	Sheared and fractured granodiorite, in places	9132	397-402	Tr.			
		porphyritic in others, siliceous; quartz vein at						
		399'10" @ 10° to core axis; $\sim \frac{1}{2}$" wide, barren; the						
		last four feet of section fractured and broken into	9133	402-407	Tr.			
		small sections; minor pyrite.						
407-417	6"	Similar to last section.	9134	407-412	Tr.			
			9135	412-417	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-8 SHEET No. 9 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
417-427	0	Fractured and sheared porphyritic granodiorite;	9136	417-422	Tr.			
		trace of pyrite, quartz vein (~ 1") at 423'6",						
		barren.	9137	422-427	Tr.			
427-437	0	Grey to pink foliated porphyritic granodiorite to						
		granite, no sulphides present.						
437-447	0	Similar to last section, quartz vein at 439'8",						
		barren.						
447-457	0	Similar to last section.						
457-467	0	Similar to last section; from 465' to 467'						
		fractured with minor pyrite.						
467-477	0	Similar to last section, minor foliation @ ~25°						
		to core axis, minor quartz veins and stringers,						
		trace of pyrite.						
477-487	0	Similar to last section.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-9

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 409 ft.
% Recovery
Elev. Collar
Latitude 5+30SE
Departure 34+10NE

Sheet No. 1 of 7
Logged by J. M. Dawson
Date Begun Feb. 5/86
Date Finished Feb. 8/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 30 feet.						
		Started coring @ 35 feet.						
35-37	0	Pale green to pale brown, sericitized granodiorite -						
		trace pyrite.	9166	35-37	Tr.			
37-47	0	From 37'-40'6" similar pale green to buff sericitized						
		granodiorite; 6-9 biotite(?) coated fracture	9167	37-42	Tr.			
		frequently accompanied by pyrite; 40'6" to 47'						
		medium to fine grained, relatively fresh, grey	9168	42-47	Tr.			
		porphyritic granodiorite; trace pyrite.						
47-57	0	From 47' - 53'2" similar grey-green sericitized and	9169	47-53	Tr.			
		chloritized granodiorite; minor scattered pyrite;						
		from 52'9" to 57' dark green to black foliated	9170	53-57	Tr.			
		meta-basalt of HBC schists; porphyroblasts or clusters						
		of hornblende crystals common; minor pyrite, locally						
		to 1%; minor calcite veins.						
57-67	0	Dark green to black, unfoliated meta-basalt;	9171	57-62	Tr.			
		porphyblasts and clusters of hornblende crystals						
		locally; trace pyrite; minor scattered calcite	9172	62-67	Tr.			
		stringers.						

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
67-77	0	From 67'-68'5" similar black meta-basalt;	9173	67-72	Tr.			
		minor pyrite; 68'5" -70'3" dark grey to black						
		hybrid, contaminated granodiorite; unfoliated,						
		minor pyrite 70'3" -73'11", dark green to black						
		foliated meta-basalt; 2-3% pyrite as disseminations,						
		blebs and fracture coatings; 73'11" to 77' medium	9174	72-77	Tr.			
		to fine grained, relatively fresh granodiorite,						
		medium to dark grey with included basaltic material;						
		trace pyrite; @ 75'3" a ½" wide quartz vein @						
		10^{o} to core axis.						
77-87	0	Similar dark grey to black contaminated or hybrid	9175	77-82	Tr.			
		granodiorite; trace pyrite.	9176	82-87	Nil			
87-97	0	Primarily black hybrid granodiorite, fresh,						
		unfoliated; trace pyrite; slightly porphyritic in	9177	87-92	Nil			
		in places.	9178	92-97	Nil			
97-107	0	Similar hybrid fairly fresh granodiorite; 6" wide	9179	97-102	Tr.			
		dike of fine grained feldspathic material @ 45^{o}						
		to core axis @ 102'1".	9180	102-107	Tr.			
107-117	0	Similar dark grey contaminated granodiorite, minor	9181	107-112	Tr.			
		pyrite along several narrow, healed fracture zones.	9182	112-117	Tr.			
117-127	0	Similar to last section, trace pyrite.	9183	117-122	.03			
			9184	122-127	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 3 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
127-137	0	Medium to fine grained light grey granodiorite;						
		trace pyrite.	9185	127-132	Tr.			
			9186	132-137	Tr.			
137-147	0	Grey to green grey, weakly chloritized granodiorite;	9187	137-142	Tr.			
		pyrite as irregular clusters and stringers along						
		fractures; 1-2% pyrite; minor grey quartz stringers.	9188	142-147	Tr.			
147-157	0	From 147-149'2" grey, chloritized and silicified						
		granodiorite; 3-5% pyrite; 140'2" to 149'10"	9189	147-152	Tr.			
		pale green, strongly chloritized and sericitized						
		granodiorite ~1% pyrite; from 149'10" to 152' dark						
		grey to black weakly chloritized granodiorite;						
		~2% pyrite; from 152' - 513'2" pale green to buff						
		coloured strongly chloritized and sericitized	9190	152-157	Tr.			
		altered granodiorite, ~1% pyrite; from 153'2" to						
		155'11" light grey-green weakly chloritized						
		granodiorite; lenses and blebs of quartz in places;						
		~2% pyrite in section; 155'11" to 157' dark green						
		to black fairly massive meta-basalt; up to 2% pyrite.						
157-167	0	From 157'-165' dark green to black meta-basalt	9191	157-162	Tr.			
		with some calcite veinlets; up to 5% pyrite locally-						
		mostly in stringers; from 165'-167' medium grained	9192	162-165	Tr.			
		green grey weakly chloritic granodiorite, trace						
		pyrite.	9193	165-169.5	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 4 of [illegible]7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
167-177	0	From 167'-169'6" greensih grey, weakly chloritized						
		granodiorite; minor phenocrysts of potash feldspar	9194	169.5-173.5	Tr.			
		to 3 cms., minor pyrite; from 169'6" to 177' dark						
		grey to black, unfoliated hybrid granodiorite;	9195	173.5-177	.01			
		minor pyrite.						
177-187	0	Dark grey to black, unfoliated, hybrid granodiorite;	9196	177-182	.05			
		minor pyrite.	9197	182-187	.01			
187-197	0	Similar dark grey to black hybrid granodiorite;	9198	187-192	Tr.			
		minor portions almost pure basalt; 2%$^{+}_{-}$ pyrite as						
		stringers and fracture coatings.	9199	192-197	Tr.			
197-207	0	Similar, relatively fresh, dark grey to black,						
		hybrid granodiorite; < 1% pyrite; @ 203'2" an 8" wide	9200	197-202	Tr.			
		quartz vein; vuggy in part; barren @ 45° to core						
		axis; @ 204'9" a 2" wide barren smoky quartz vein	9201	202-207	Tr.			
		@ 80° to core axis.						
207-217	0	Similar to last section; up to 1% pyrite.	9202	207-212	Tr.			
			9203	212-217	.02			
217-227	0	From 217' to 218' dark grey to black hybrid						
		granodiorite; 218-227' light grey, weakly chloritic	9204	217-222	Tr.			
		granodiorite; minor irregular, diffuse siliceous	9205	222-227	Tr.			
		lenses; minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 5 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
227-237	0	Similar light to medium grey granodiorite, some	9206	227-230.5	Tr.			
		small lenses of dark grey to black hybrid granodiorite;						
		minor pyrite.	9207	230.5-237	Tr.			
237-247	0	Dark grey to black, unfoliated hybrid granodiorite;	9208	237-242	Tr.			
		trace pyrite.	9209	242-247	.02			
247-257	0	Grey, medium grained, fairly fresh granodiorite;						
		locally with patches of hybrid basalt-granodiorite;	9210	247-252	.08			
		no pyrite.	9211	252-257	Nil			
257-267	0	Medium to fine grained grey granodiorite; weakly	9212	257-262	.01			
		chloritic in places; trace pyrite.	9213	262-267	.01			
267-277	0	From 267'-269' grey to green grey - weakly chloritic	9214	267-272	Tr.			
		granodiorite; minor pyrite; from 269'-271'7" highly						
		altered granodiorite; silicified chloritized and	9215	272-277	Tr.			
		weakly sericitized; up to 1% pyrite; 271'7" to 277'						
		unfoliated unaltered, medium to fine frained						
		granodiorite.						
277-287	0	Dark grey, weakly chloritic, granodiorite - trace	9216	277-282	Tr.			
		pyrite.	9217	282-287	Tr.			
287-297	0	Similar to last section; however porphyritic in	9218	287-292	.01			
		part; euhedral potash feldspar phenocrysts to						
		2½ cm., trace pyrite.	9219	292-297	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 6 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
297-307	0	Similar porphyritic granodiorite to 303'; from 303'	9220	297-303	.02			
		to 307' dark green to black unfoliated meta-basalt;						
		2% pyrite.	9221	303-307	.21			
307-317	0	From 307' to 312'5" similar dark green unfoliated	9222	307-312	.01			
		metabasalt; minor pyrite; from 312'5" to 317'						
		medium grained fresh granodiorite; minor pyrite.	9223	312-317	Tr.			
317-327	0	From 317' to 326'3" grey to dark grey, medium	9224	317-322	Nil			
		grained, slightly porphyritic granodiorite; trace						
		pyrite; 326'3" to 327' highly altered grey green	9225	322-327	Nil			
		silicified, chloritized granodiorite; 5% pyrite						
		as thin seams parallel to foliation (45° to core						
		axis) and as irregular stringers.						
327-337	0	From 327' to 327'5" similar silicified and chloritized						
		foliated granodiorite; ~1% pyrite; 327'5" to 337'	9226	327-332	Nil			
		fairly fresh; dark grey weakly porphyritic "hybrid						
		granodiorite"; no pyrite.	9227	332-337	Nil			
337-347	0	Dark grey to black medium grained, porphyritic hybrid						
		granodiorite; from 338'8" to 339'2" zone of narrow						
		quartz stringers with up to 5% pyrite @ 75° to						
		core axis.						
347-357	0	Similar to last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-9 SHEET No. 7 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
357-367	0	Similar to last section; trace pyrite.	9228	357-362	Tr.			
			9229	362-367	Nil			
367-377	6"	Similar to last section.						
377-387	0	Similar to last section.	9230	377-382	Tr.			
			9231	382-387	Nil			
387-397	0	From 387' to 387'8" similar to last section; from 387'8" to 394'6" black basalt-rich hybrid granodiorite; from 394'6" to 397' grey to black hybrid granodiorite.						
397-407	0	Grey, medium grained, weakly porphyritic granodiorite.						
407-409	0	Similar to last section.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-10

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -50°
Claim
Section
Bearing 152° T

Total Depth 527 ft.
% Recovery
Elev. Collar
Latitude 5+10 SE
Departure 30+00 NE

Sheet No. 1 of 8
Logged by J. M. Dawson
Date Begun Feb. 5/86
Date Finished Feb. 9/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 24 feet.			
24-27	0	Dark grey to black hybridized basalt; minor pyrite	9232	24-27	Tr.
27-37	0	Similar to last section	9235	27-32	Tr.
			9236	32-37	Tr.
37-47	0	From 37 -38'4" similar to last section; from 38'4" to 44'7" medium to dark grey fairly fresh granodiorite contaminated by basalt material; minor pyrite -- locally to 1%; from 44'7" to 46'4" highly sheared and altered granodiorite - now a quartz eye sericite chlorite schist; trace pyrite; @ 46'4" a 2" quartz vein @ 30° to core axis; coarse biotite flakes at margin of vein; from 46'4" to 47' weakly chloritized hybrid granodiorite.	9233	37-44	Tr.
			9234	44-47	Tr.
47-57	0	Fresh dark grey, weakly porphyritic granodiorite, minor pyrite; @ 49'3" a 4" basaltic dyke - 5% pyrite.	9237	47-52	Tr.
			9238	52-57	Tr.
57-67	0	Similar dark grey, porphyritic, fresh granodiorite; minor pyrite.	9239	57-62	Tr.
			9240	62-67	Tr.

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
67-77	0	From 67'-72'2" similar to last section; from 72'2"						
		to 77' dark green meta-basalt; minor pyrite to	9241	67-72	Tr.			
		5% locally in small 4" sections.	9242	72-77	Tr.			
77-87	0	Dark green metabasalt with occasional coarser	9243	77-82	Tr.			
		sections; scattered pyrite; from 79'2" to 82'6"						
		zone of 5% pyrite as scattered rounded blebs; from	9244	82-87	Tr.			
		86'5" to 86'9" similar zone of 5% pyrite.						
87-97	0	From 87'-90'6" dark green to black metabasalt						
		grading to foliated basalt or hornblende-biotite-						
		chlorite schist @ 87'11"; locally pyrite to 2% ;	9245	87-92	Nil			
		from 90'6" to 93'4" dark grey hybrid or						
		contaminated granodiorite - minor pyrite;						
		93'4" to 95'4" foliated meta-basalt; from 95'4"	9246	92-97	Tr.			
		to 96'5" dark grey hybrid granodiorite - minor						
		pyrite; from 96'5" to 97' foliated meta-basalt -						
		pyrite up to 1%.						
97-107	0	From 97' - 102'2" dark grey to black foliated meta-	9247	97-102	.01			
		basalt - 1% pyrite; from 102'2" to 107' grey fresh						
		weakly porphyritic granodiorite with minor pyrite.	9248	102-107	Tr.			
107-117	0	Grey to dark grey, fresh, weakly porphyritic	9249	107-112	Tr.			
		granodiorite; trace pyrite.	9250	112-117	Nil.			

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
117-127	0	From 117' to 120' xenolith of black, hybridized						
		basalt; from 120' to 127' grey to dark grey,	9251	117-122	Nil			
		granodiorite - trace pyrite.	9252	122-127	Nil			
127-137	0	Grey to dark grey, fresh granodiorite - weakly	9253	127-132	Nil			
		chloritic at end of section.	9254	132-137	Nil			
137-147	0	From 137' to 140'4" similar granodiorite; from 140'4"						
		to 147' dark grey to black xenolith of hybridized	9255	137-142	Tr.			
		basalt; minor pyrite.	9256	142-147	Tr.			
147-157	0	Similar xenolith of hybridized basalt to 153'5";	9257	147-152	Tr.			
		from 153'5" to 157' grey, medium grained granodiorite;						
		minor pyrite.	9258	152-157	Tr.			
157-167	0	Green-grey weakly chloritized granodiorite; 1%	9259	157-162	Tr.			
		pyrite in section.	9260	162-167	.01			
167-177	0	Grey, fresh, medium grained granodiorite; 3 or 4	9261	167-172	Tr.			
		narrow pyrite seams in one place.	9262	172-177	Nil			
177-187	0	Fresh grey granodiorite; occasional pyrite coated	9263	177-182	Tr.			
		fractures.	9264	182-187	Nil			
187-197	0	Similar to last section; minor pyrite on a few	9265	187-192	Tr.			
		fractures.	9266	192-197	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 4 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
197-207	0	Similar to last section.	9267	107-202	.01			
			9268	202-207	Tr.			
207-217	0	Similar to last section.	9269	207-212	Tr.			
			9270	212-217	Nil			
217-227	0	Similar to last section; Minor pyrite on a few fractures.	9271	217-222	Nil			
			9272	222-227	Tr.			
227-237	0	Similar grey, weakly porphyritic granodiorite; weakly chloritized in last 1⅓ foot section; trace pyrite.						
237-247	0	Similar to last section; @ 245'6" a ½" barren, white quartz vein.						
247-257	0	Fresh, medium grained granodiorite.	9273	247-252	Nil			
			9274	252-257	Tr.			
257-267	0	Similar to last section, trace pyrite.	9275	257-262	Tr.			
			9276	262-267	Tr.			
267-277	0	Similar medium grained, grey granodiorite	9277	267-272	Tr.			
			9278	272-277	Nil			
277-287	0	Similar to last section - last 1-foot section	9279	277-282	Nil			
		weakly chloritized.	9280	282-287	.01			

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 5 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
287-297	0	Similar fairly fresh granodiorite.	9281	287-292	Tr.			
			9282	292-297	Nil			
297-307	0	" " " "	9283	297-302	Nil			
			9284	302-307	Nil			
307-317	0	" " " "	9285	307-312	Nil			
			9286	312-317	.01			
317-327	0	" " " "	9287	317-322	Nil			
			9288	322-327	Nil			
327-337	0	" " " "	9289	327-332	Tr.			
			9290	332-337	Nil			
337-347	0	From 337' 5o 338'10" similar granodiorite or ? pink-						
		ish quartz monzonite; 338'10" to 347' greenish grey	9291	337-342	Tr.			
		weakly chloritized and sericitized granodiorite;						
		weakly foliated in part - 1-2% pyrite.	9292	342-347.5	.02			
347-357	0	347'-347'6" black foliated ? hybrid granodiorite -	9293	347.5-352	Tr.			
		basalt; conformable streaky lenses of ? epidote;						
		from 347'6" to 357' dense black, unfoliated, meta-	9294	352-357	Tr.			
		basalt; minor pyrite locally.						

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 6 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
357-367	0	From 357'-357'8" similar meta-basalt; from 357'8"						
		to 360'6" weakly chloritized granodiorite; some	9295	357-362	Tr.			
		biotite-coated fractures; minor pyrite in section;						
		from 360'6" to 363'6" greenish brown, foliated,	9296	362-267	Nil			
		chloritized and sericitized granodiorite; no pyrite;						
		from 363'6" to 367' weakly chloritized granodiorite.						
367-377	0	Weakly chloritized granodiorite grading over first						
		2 feet to relatively fresh, grey granodiorite;	9297	367-372	Nil			
		minor pyrite.	9298	372-377	Tr.			
377-387	0	Grey, medium grained granodiorite; zone of weak	9299	377-382	Tr.			
		chlorite-sericite alteration (shearing); from						
		383' - 384' minor pyrite.	9300	382-387	Nil			
387-397	0	Fresh grey, granodiorite; minor pyrite.	9301	387-392	Nil			
			9302	392-397	Nil			
397-407	0	Similar granodiorite; @ 404'4" a ½ -1" wide vein of	9303	397-402	Nil			
		magnetite with minor pyrite cuts rock at 25° to	9304	402-407	Nil			
		core axis.						
407-417	0	Fresh grey granodiorite.	9305	407-412	Nil			
			9306	412-417	Nil			
417-427	0	Fresh grey granodiorite; minor pyrite.	9307	417-422	Nil			
			9308	422-427	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 7 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
427-437	0	Similar fresh grey granodiorite.	9309	427-432	Tr.			
			9310	432-437	Nil			
437-447	0	Similar granodiorite; weakly chloritized in part;						
		from 439'3" to 439'9" a zone of sheared, foliated,	9311	437-442	Nil			
		chloritized and sericitized granodiorite; minor	9312	442-447	Nil			
		pyrite.						
447-457	0	From 447' to 448'1' weakly chloritized granodiorite;						
		from 448'1' to 457' more highly chloritized,	9313	447-452	Tr.			
		siliceous zone of altered granodiorite - foliated in						
		part; 1-3% pyrite.	9314	452-457	Tr.			
457-467	0	From 457' to 457'11' similar highly altered,						
		chloritized granodiorite with pyrite to 1-2%;	9315	457-462	Nil			
		from 457'11' to 162' weakly chloritized granodiorite;						
		from 462' to 463'10" green-grey more strongly	9316	462-467	Tr.			
		chloritized granodiorite; minor pyrite; from 463'10"						
		to 467' weakly chloritized granodiorite; minor						
		pyrite.						
467-477	0	Weakly chloritized greenish grey granodiorite except	9317	467-472	Tr.			
		for section from 467'7" to 468'3" strongly chloritized						
		granodiorite; minor pyrite.	9318	472-477	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-10 SHEET No. 8 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
477-487	0	From 477' to 479'4" weakly chloritized granodiorite;						
		up to 1% pyrite; from 479'4" to 484'2' dark grey to	9319	477-482	Nil			
		black hybrid basalt; 1-2% pyrite; 484'2" to 487'						
		dark grey, fresh granodiorite; trace pyrite.	9320	482-487	Tr.			
487-497	0	From 487' to 487'11" black foliated meta-basalt;						
		from 487'11' to 496' fresh porphyritic granodiorite,	9321	487-492	Nil			
		minor pyrite; from 496' - 497' more altered,						
		chloritized and ? silicified granodiorite -	9322	492-497	Tr.			
		minor pyrite.						
497-507	0	From 497' to 501'5" weakly chloritized granodiorite;						
		minor pyrite; from 501'5" to 502'8" black, foliated	9323	497-502	.01			
		meta-basalt, minor pyrite to 1%; from 502'8"						
		to 503'9" weakly chloritized granodiorite; minor						
		pyrite; 503'9" to 507' black, weakly foliated meta-	9324	502-507	.01			
		basalt - 1% pyrite.						
507-517	0	From 507' to 507'9" similar black, foliated meta-	9325	507-512	Tr.			
		basalt - 2% pyrite; from 507'9" to 517' dark grey						
		granodiorite - frequently broken core; fault zone??	9326	512-517	Tr.			
		scattered hematite staining; minor pyrite on fracture						
		surfaces.						
517-527	0	Grey to dark grey, fresh, unaltered granodiorite.	9327	517-522	Tr.			
			9328	522-527	.01			
		End of hole.						

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Suite 206 - 310 Nicola St.
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PROPERTY HIGH LAKE HOLE No. SC-86-11

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 357 ft.
% Recovery
Elev. Collar
Latitude 6+00 SE
Departure 33+00 NE

Sheet No. 1 of 8
Logged by J. M. Dawson
Date Begun Feb. 8/86
Date Finished Feb. 17/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 17 feet.						
17-27	8"	Grey, medium grained, fresh granodiorite,						
		(porphyritic in places), weakly sericitized, quartz	9522	26.5-31.5	Tr.			
		stringers common especially towards end of section;						
		minor pyrite disseminated as fine grains or in						
		stringers; from 26'8" to 27' weakly chloritized						
		and sericitized granodiorite, with up to 3% pyrite.						
27-37	0	From 27' to 28'8" grey foliated, moderately						
		chloritized and silicified granodiorite, minor						
		pyrite; from 28'8" to 31'2", light to dark greenish						
		grey heavily silicified and chloritized granodiorite	9523	31.5-37	.01			
		with inclusions of partly digested basalt, 1-2%						
		pyrite as scattered blebs, foliation and						
		fracturing @ 30-45° to core axis; from 31'2" to						
		36'8" dark grey granodiorite (porphyritic),						
		weakly chloritized in part, containing a few						
		scattered siliceous stringers, minor pyrite on						
		fractures @ 45-60° to core axis; from 36'8" to						
		37' black, hybridized basalt, trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 2 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
37-47	0	From 37-47' dark greenish-grey, relatively fresh to weakly chloritized, hybrid basalt - granodiorite, minor calcite stringers, minor pyrite on fractures.						
47-57	0	Similar medium to fine grained hybrid basalt-granodiorite, minor pyrite on fractures.						
57-67	0	From 57'-60'5" similar dark-greenish-grey, relatively fresh, fine grained, weakly porphyritic hybrid basalt-granodiorite, 1-2% pyrite as fracture coating and disseminated grains; from 60'5" to 67' dark greenish grey to black, meta-basalt, ½-2% pyrite on fractures @ 45° to core axis or as disseminated stringers and blebs.						
67-77	0	From 67' to 68'3" primarily dark greenish-grey meta-basalt, abundant disseminated pyritic blebs - 5-8%; from 68'3" to 77' dark grey weakly porphyritic hybrid basalt-granodiorite, minor pyrite on fractures.						
77-87	0	Similar dark grey-black hybrid basalt-granodiorite, trace of pyrite.						
87-97	0	From 87'-90'6" similar dark grey to black hybrid basalt-granodiorite, minor pyrite on fractures; from 90'6" to 93' primarily dark green to black						

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 3 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		meta-basalt, minor pyrite on fractures; from 93' to 97' dark grey to black hybrid basalt-granodiorite, minor pyrite.						
97-107	0	From 97' to 103' similar dark-grey to black, weakly porphyritic, hybrid-basalt-granodiorite, minor pyrite as scattered stringers; from 103' to 105'1" strongly silicified granodiorite, ½% pyrite on fractures @ 50° to core axis; from 105'1" to 107' weakly chloritized, dark grey, porphyritic granodiorite.						
107-117	0	Dark grey, porphyritic, hybrid-basalt-granodiorite; minor pyrite; from 110'1" to 11'4" pale green quartz eye sericite schist; from 114'8" - 1½ inch wide barren quartz vein @ 30° to core axis.						
117-127	0	From 117' to 123' relatively fresh, dark grey to black hybrid basalt-granodiorite, no pyrite; from 123' to 124'8" green grey weakly to moderately chloritized and sericitized granodiorite, weakly foliated @ 45° to core axis, trace of pyrite; from 124'8" to 125'11' weakly chloritized granodiorite, no pyrite; from 125'11' to 127' strongly foliated quartz eye sericite schist, up to 1% pyrite as very finely disseminated grains.						

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 4 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
127-137	0	From 127' to 134'2" grey-green to pale green, quartz	9527	126-130	.01			
		eye sericite schist, minor finely disseminated pyrite;						
		at 128'8" ¼ inch wide irregular quartz vein with						
		tourmaline and minor pyrite @ 10° to core axis.	9528	130-134.5	.02			
137-147	0	From 137' - 137'4" weakly chloritized green-grey						
		granodiorite, minor pyrite; from 137'9" to 147'						
		dark grey to black hybrid basalt-granodiorite,						
		no pyrite visible.						
147-157	0	Hybrid basalt-granodiorite, porphyritic with						
		euhedral crystals of orthoclase, several sections						
		of finer grained dark green to black which are						
		partly digested basaltic xenoliths, minor pyrite						
		on fractures within the more basaltic sections.						
157-167	0	Light to medium grey, medium to fine grained,						
		fairly fresh porphyritic granodiorite, minor biotite						
		coated fractures - some with associated stringers						
		and blebs of pyrite.						
167-177	0	Fresh, medium grained, grey, porphyritic						
		granodiorite, trace of pyrite.						
177-187	0	Similar to last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 5 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
187-197	0	Primarily medium grained porphyritic granodiorite, minor areas of partly digested basalt, minor pyrite stringers.						
197-207	0	From 197' to 199'10" primarily grey porphyritic granodiorite with two areas of quartz veining and silicification each 1 to 2 inches wide, with associated pyrite stringers and blebs (½%); from 199'10" to 202'4" grey moderately to strongly silicified granodiorite, 3-4% pyrite as stringers and blebs; from 202'4" to 206'1" relatively fresh, grey porphyritic granodiorite; 206'1" to 206'9" weakly to moderately silicified granodiorite 3-4% pyrite, ½% chalcopyrite, sulphides occur primarily as thin stringers and blebs along fractures at 30-50° to core axis; from 206'9" - 207' fresh, grey porphyritic granodiorite, minor pyrite.	9529	195-199	Tr.			
			9530	199-203	.09			
207-217	0	From 207' to 208'1" grey medium to fine grained granodiorite, cut by 2 quartz veins or diffuse zones of silicification aggregating ~ 5", 4-5% associated pyrite, trace of chalcopyrite; from 208'1" to 213'2" medium grained porphyritic, fresh granodiorite, trace of pyrite; from 213'2" to 215'5" green-grey to pale grey moderately to strongly silicified and sericitized granodiorite, 1-2% pyrite as finely disseminated grains and larger stringers;	9531	206-207.5	Tr.			
			9132	213-215.5	.03			

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 6 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		from 215'5" to 216'8" dark grey medium grained						
		granodiorite, minor pyrite; 216'8" to 217' weakly						
		chloritized and silicified granodiorite, trace of						
		pyrite.						
217-227	0	From 217' to 219'2" weakly chloritized and						
		silcified granodiorite, trace of pyrite; from	9533	216.5-219	Tr.			
		219'2" to 227' primarily dark greenish-grey						
		porphyritic hybrid basalt-granodiorite.						
227-237	0	From 227' - 236' medium grained fairly fresh,						
		grey granodiorite; from 236'-237' dark green to						
		black weakly foliated andesite dyke, 2-3% pyrite						
		as small blebs.						
237-247	0	From 237'-244' dark green, fine grained dense						
		andesite dyke, contact with granodiorite is @ 60° to						
		core axis; from 244' to 247' medium to fine						
		grained slightly porphyritic greyish granodiorite;						
		minor pyrite on fractures.						
247-257	0	From 247' to 248'10" similar grey to dark grey,						
		medium to fine grained porphyritic granodiorite;	9534	248-253	Nil			
		no pyrite; from 248'10" to 257' similar granodiorite						
		with ~ 14 narrow silicified, pyrite bearing zones,						
		these zones are diffuse rather than sharp wall veins	9535	253-258	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 7 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		and aggregate about 15 inches of the total section,						
		these zones also contain abundant sericite with						
		~ 5 to 6% pyrite within the zones.						
257-267	0	From 257' to 263' similar grey, medium to fine						
		grained, porphyritic granodiorite with an	9536	258-263	Tr.			
		aggregate (21 inches) of grey diffuse silicified						
		material, trace of pyrite; from 263' lto 267' green-						
		grey medium grained granodiorite.						
267-277	0	Greenish-grey medium to fine grained porphyritic						
		granodiorite; from 270' to 270'3" diffuse area						
		of silicification with minor pyrite; at 270'11"						
		one inch barren quartz vein at 25° to cores axis;						
		at 273'11" ½inch vein of barren quartz at 30° to						
		core axis.						
277-287	0	Primarily grey, medium grained, porphyritic						
		granodiorite, minor biotite coated fractures with						
		associated pyrite.						
287-297	0	Greenish grey medium grained granodiorite, some						
		areas of weak silicification and sericitization,						
		trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-11 SHEET No. 8 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
297-307	0	Similar to last section, minor zones of weak						
		sericitization, no pyrite.						
307-317	0	Grey to pinkish brown, medium grained, porphyritic						
		granodiorite, @ 312'8" a ¼" wide vein of barren						
		quartz with flakes of sericite or muscovite at						
		vein margins; vein @ 20° to core axis.						
317-327	0	Pinkish grey, weakly sericitized, porphyritic						
		granodiorite.						
327-337	0	Pinkish grey, weakly to moderately silicified and						
		sericitized granodiorite, minor pyrite.	9537	327-332	Nil			
			9538	332-337	Tr.			
337-347	54"	Highly fractured zone of pink to red-brown,						
		weakly to moderately sericitized granodiorite,						
		no pyrite.						
347-357	66"	Fault zone??, pinkish grey, weakly sericitized						
		granodiorite, hgihly fractured core.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-12

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -47°
Claim
Section
Bearing 152° T

Total Depth 387 ft.
% Recovery
Elev. Collar
Latitude 5+75 SE
Departure 28+00 NE

Sheet No. 1 of 7
Logged by J. M. Dawson
Date Begun Feb 10/67
Date Finished FEb 13/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		Hole cased to 42 feet.						
42-47	0	Dark grey to black relatively fresh, porphyritic granodiorite; scattered euhedral potash feldspar phenocrysts to 1"; from 46'1' to 46'7" zone of shearing; granodiorite converted to pale green-buff, quartz-sericite schist.						
47-57	0	From 47' to 49'6" medium grained grey to pinkish grey porphyritic granodiorite containing several narrow 1-3" wide zones of silicified and sericitized rock; minor pyrite except @ 47'8" where there is a ½ inch stringer of pyrite in silicified zone; from 49'6" to 52'3" dark grey to black xenolith of hybrid basalt; from 52'3" to 57' fairly fresh, pinkish grey quartz monzonite; occasionally porphyritic mostly equigranular; from 51'9" to 53' zone of caved and ground "overburden"; from 51'4" to 51'8" zone of irregular blue grey quartz stringers up to 1" wide no visible sulphides; from 52'4" to 53'9" similar zone of blue grey quartz stringers, trace pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 2 of [illegible]7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
57-67	0	Equigranular pinkish grey quartz monzonite; very minor zoned orthoclase phenocrysts; numerous zones of healed fractures containing sericite and chlorite and/or biotite.						
67-77	0	From 67' to 72'5" pinkish grey fresh quartz monzonite; 72'5" to 77' fine grained dark greenish grey, meta-basalt, minor calcite stringers.						
77-87	0	From 77' - 79' similar dark green grey meta-basalt; 79' to 87' pinkish grey, equigranular quartz monzonite; from 79' to 82'5" zone of pinkish, potash feldspar alteration; minor pyrite on fractures at 45-60^{0} to core axis.						
87-97	0	From 87' - 91'7" medium grained, equigranular grey granodiorite; very minor potash feldspar phenocrysts 91'7" -97' dark greenish grey foliated, meta-basalt or HBC schist; scattered minor pyrite.						
97-107	0	Dark greenish grey meta-basalt; very minor zones of hybrid granodiorite; trace pyrite; basalt is non foliated.						
107-117	0	From 107'-107'6" similar meta-basalt; from 107'6" to 109' equigranular dark grey granodiorite; 109' - 117' relatively massive and unfoliated meta-basalt,						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		2 to 3% pyrite primarily as small (2-3 mm) discrete						
		clots.						
117-127	0	From 117' to 120'3" similar dark green-grey meta-						
		basalt; last 1½ foot section as well foliated						
		(HBC schist); trace pyrite; from 120'3" to 127'						
		medium grey, relatively fresh granodiorite.						
127-137	0	From 127' to 130'6" similar grey, fresh granodiorite						
		130'6" to 137' greenish grey, foliated, sericitized						
		and chloritized granodiorite - foliation @~ 45° to	9329	130-134	Tr.			
		core axis; 12-18 narrow quartz stringers paralleling						
		the foliation and varying from 1/16 to 1/2"; minor						
		pyrite on some fracture surfaces.	9330	134-137	Tr.			
137-147	0	Grey to pinkish grey, medium to fine grained quartz						
		monzonite; minor scattered zones potash feldspar						
		phenocrysts, minor scattered irregular lenses and						
		conformable stringers of pyrite, some containing						
		scattered, fine grained diffuse crystals of a						
		black mineral possibly tourmaline; minor pyrite						
		with some of the narrow conformable quartz stringers						
147-157	0	Similar medium grained weakly porphyritic quartz						
		monzonite or granodiorite; pink to brick-red						
		hematite staining of most of section; minor pyrite						
		associated with one narrow quartz stringer;						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 4 of 7

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		rock is relatively fresh but grey rounded quartz						
		eyes are more prominent.						
157-167	0	From 157'-160'3" similar pink to red, medium to fine						
		grained quartz monzonite; from 160'3" to 165'1"	9332	165.5-170.5	Tr.			
		dark green to black unfoliated "hybrid" granodiorite						
		basalt; minor calcite veining; minor pyrite on						
		fractures; from 165'1" to 167' prominently foliated						
		(@ 30° to core axis) quartz-chlorite-sericite schist,						
		trace pyrite.						
167-177	0	From 167' - 170'4" similar greenish grey quartz-						
		chlorite-sericite schist; trace pyrite; 170'4" to						
		177' pinkish grey, fairly fresh weakly porphyritic						
		quartz monzonite.						
177-187	0	Pinkish grey to grey, weakly porphyritic quartz						
		monzonite to granodiorite with 2 small zones of						
		weakly sericitized rock - trace pyrite.						
187-197	0	Similar weakly porphyritic granodiorite; zone from						
		191'5" to 194'3" weakly chloritized and sericitized	9331	191.5-194.5	Tr.			
		rock with scattered pyrite to 1% and minor						
		chalcopyrite.						
197-207	0	Grey to pinkish grey, medium to fine grained, weakly						
		porphyritic granodiorite; three irregular veinlets of barren smoky quartz; minor pyrite on fractures.						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 5 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
207-217	0	Similar pinkish grey granodiorite or quartz						
		monzonite; minor pyrite on fractures.						
217-227	0	From 217'-224'5" similar pinkish grey quartz						
		monzonite-granodiorite; from 224'5" to 227' pink-						
		grey to greenish grey chloritized and seriticized						
		granodiorite.						
227-237	0	Similar pinkish grey to green grey, weakly chloritized						
		and sericitized granodiorite; minor pyrite up to	9333	224.5-229	Tr.			
		1-2% locally on fractures.						
			9334	234-238	Tr.			
237-247	0	Pinkish grey weakly chloritized and sericitized						
		granodiorite; traces pyrite.	9335	242-247	Tr.			
247-257	0	Pinkish grey granodiorite - slightly chloritized						
		and sericitized - trace pyrite.						
257-267	0	From 259' to 259'9" similar to last section; from						
		259'9" dark grey green hybridized basalt xenolith -						
		partly digested basalt; trace pyrite; minor						
		chalcopyrite on fracture @ 266'						
267-277	0	From 267' - 267'3" similar hybridized basalt						
		xenolith; from 267'3" to 277' pinkish grey weakly						
		sericitized and chloritized granodiorite; minor						
		pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 6 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
277-287	0	From 277' - 278'8" dark green to grey hybridized						
		basalt xenolith; from 278'8" to 287' pink grey,						
		weakly porphyritic, weakly sericitized granodiorite;						
		minor pyrite; minor calcite veins;						
		NOTE: 1 extra foot core.						
287-297	0	From 287' to 293'4" dark pinkish grey, porphyritic						
		granodiorite - from 290'3" to 292' zone with several						
		stringers and clusters of pyrite crystals - locally						
		5%; from 293'4" to 297' dark green meta-basalt with						
		small ? porphyroblasts of ? biotite or ? chlorite or						
		? hornblende; minor scattered pyrite grains.						
297-307	0	From 297' to 303'6" dark greenish to black meta-basalt;						
		foliated in last 6" before contact; irregular						
		blotches of epidote locally; minor pyrite;						
		303'6" to 307' greyish medium to fine grained,						
		semi-porphyritic granodiorite.						
307-317	0	From 307'-316' grey medium to fine grained						
		porphyritic granodiorite, no pyrite; 316' to 316'5"						
		highly altered, pale greenish chloritized and						
		sericitized granodiorite; minor pyrite; from 316'5"						
		to 317' weakly chloritized granodiorite.						
317-327	0	From 317'-318' weakly chloritized granodiorite; from						
		318'-327' grey fresh medium grained, porphyritic granodiorite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-12 SHEET No. 7 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
327-337	0	Grey, fresh, porphyritic granodiorite.						
337-347	0	Similar grey granodiorite; section from 344'6" to end is weakly chloritized and becoming more pinkish coloured -- ? potassic alteration.						
347-357	0	From 347'-353'1" grey to orange brown stained granodiorite; trace pyrite; from 353'1" to 354'7" grey to orange-brown, chloritized and silicified granodiorite; 354'7" to 357' bleached, altered and fractured granodiorite ? fault zone?						
357-367	36"	Grey to orange brown, moderately to strongly bleached, highly fractured granodiorite.						
367-377	60"	Grey to orange brown, limonite stained, bleached in part; granodiorite; fault zone?						
377-387	36"	From 377' to 382' similar highly fractured, partly bleached and limonite stained granodiorite; from 382-387' more massive, grey to orange brown granodiorite; trace pyrite.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-13

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 325 ft.
% Recovery
Elev. Collar
Latitude 6+70 SE
Departure 31+79 NE

Sheet No. 1 of 9
Logged by M.E. Dawson
Date Begun Feb. 13/86
Date Finished Feb. 15/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 20 feet.			
20-27	5"	Dark grey to black "hybrid" basalt-xenolith?			
27-37	0	From 27 - 27'6" similar dark grey partly digested basalt; from 27'6" to 37' weakly to moderately chloritized and sericitized granodiorite; (well foliated), greenish grey, medium grained with some relatively fresh sections over short distances 3 - 4". The fresh sections seem to be cutting core axis at 20-30°, minor pyrite.	9336	27-32	.02
			9337	32.5-35.5	.02
			9338	35.5-39.5	.07
37-47	0	From 37' - 39.5' greenish-grey moderately to strongly chloritized and silicified granodiorite; trace pyrite; from 39.5 to 47' weakly chloritized to fresh medium to dark grey porphyritic granodiorite.	9339	39.5-41.5	.01
47-57	0	Weakly chloritized granodiorite; porphyritic in part; minor pyrite.			

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 2 of 9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
57-67	0	From 57 - 59'8" weakly to moderately chloritized						
		granodiorite; fracturing and minor foliation at	9340	57-62.5	.01			
		45° to core axis; from 59'8" to 62'6" greyish						
		moderatly to strongly silicified and chloritized						
		granodiorite; minor pyrite; from 62'6" to 63'4"						
		black partly digested basalt xenolith, 1-2% pyrite	9341	62.5-65.5	.01			
		as scattered small blebs; from 63'4" to 65' weakly						
		to moderately chloritized and silicified grano-						
		diorite - ½% pyrite; from 65 - 67' grey medium						
		to fine grained relatively fresh granodiorite.						
67-77	0	Fresh to weakly chloritized, medium to fine grained						
		weakly porphyritic granodiorite; weak chloritization						
		around a few fractures at 45° to core axis.						
77-87	0	Dark greenish-grey, weakly chloritized porphyritic						
		granodiorite, minor pyrite on fracture surfaces						
		@ 45° to core axis.						
87-97	0	From 87' to 94' weakly to moderately chloritized						
		and sericitized, porphyritic granodiorite, up to						
		½% pyrite on fractures at 30° to core axis; from	9342	89-94	.03			
		94-97' moderately to strongly chloritized,						
		sericitized and silicified granodiorite, ½% pyrite						
		on fractures and with narrow quartz stringers	9343	94-97	.02			
		@ ~30° to 10° to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 3 of 9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
97-107	0	Pale grey-green well foliated, quartz-eye chlorite-						
		sericite schist, foliation from 5 to 30° to core	9344	97-102	.08			
		axis, 3-6% pyrite as very fine disseminated grains						
		and larger lenses and stringers parallel to						
		foliation, minor thin quartz stringers parallel to	9345	102-108	.30			
		foliation.						
107-117	0	From 107' to 108' similar strongly sheared quartz						
		eye chlorite-sericite schist; from 108' - 117'	9346	108-112	.02			
		moderately chloritized and silicified granodiorite,						
		minor fine grained disseminated pyrite; last 3"	9347	112-116	.01			
		section contains up to 1% chalcopyrite along						
		fractures at 30-40° to core axis.						
117-127	0	Greenish-grey strongly chloritized, sericitized and						
		silicified granodiorite, fracturing at 30° to core						
		axis, minor quartz veining and fracturing at	9348	116-119	.52			
		5 - 10° to core axis, 3-5% pyrite, 1-2% chalcopyrite,						
		at least 5 specks of free gold, associated with						
		steep quartz veins with unknown black mineral -	9349	119-123	.92			
		biotite or tourmaline.						
		NOTE: Gold appears to be on fracture surfaces or						
		a quartz vein @ ~ 5-10° to core axis.	9350	123-127	.99			

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 4 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
127-137	0	Pale green, highly foliated, intensely sericitized						
		chloritized, silicified granodiorite, (quartz-eye	9501	127-132	.06			
		sericite-chlorite schist) foliation @ 30° to core						
		axis, fracturing and accompanying pyrite stringers						
		from 40° to 10° to core axis, pyrite 3-4%, minor	9502	132-137	.02			
		chalcopyrite.						
137-147	0	From 137-140' pale greenish, quartz-eye sericite-						
		chlorite schist, foliation not strong ~45° to core						
		axis, from 140 - 142' green-grey moderately to						
		strongly chloritized and sericitized granodiorite,	9503	137-140	.02			
		minor pyrite in both sections; from 142' - 144'						
		partly digested basalt xenolith - dark grey to						
		black with phenocrysts of feldspar; from 144'-145'9"						
		greenish grey moderately chloritized and sericitized	9504	140-146	.02			
		granodiorite, trace of pyrite; from 145'9" to 147'						
		pale green quartz-eye chlorite sericite schist,						
		trace of pyrite.						
147-157	0	Pale greenish quartz-eye sericite schist, foliation						
		at 35 - 45° to core axis, 1-2% pyrite as very	9505	146-150	.04			
		finely disseminated grains and as narrow stringers						
		along quartz filled fractures, a black mineral						
		possibly biotite or tourmaline accompanies	9506	150-154	.07			
		quartz in first 3 feet of section, these quartz						
		filled fractures are at 35 to 45° to core axis.	9507	154-159	.07			

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 5 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
157-167	0	From 157' - 164'3" pale greenish quartz-eye sericite						
		schist, foliation at 30-35° to core axis, minor fine	9508	159-164	.05			
		grained disseminated pyrite; from 164'3" to 167'						
		quartz-eye chlorite sericite schist in part, less						
		altered, very minor pyrite.	9509	164-168	.03			
167-177	0	From 167'-171'6" pale greenish quartz-eye sericite						
		schist, minor fine grained disseminated pyrite;	9510	168-172	.03			
		from 171'6" to 174'7" dark green, foliated,						
		chloritized sericitized and silicified granodiorite,						
		1% pyrite, primarily as stringers; from 174'7" to	9511	172-177	.03			
		176'4" dark green to black silicified and						
		chloritized basalt xenolith, 5% pyrite as very						
		finely disseminated grains as well as discrete						
		blebs and stringers; from 176'4" to 177' dark green						
		grey, foliated, moderately chloritized and						
		silicified granodiorite, 1-2% pyrite.						
177-187	0	From 177' to 179'7" moderatly to strongly chloritized						
		sericitized and silicified granodiorite, foliation						
		at 45° to core axis, ½% pyrite as finely	9512	177-180	.02			
		disseminated grains and occasional larger irregular						
		stringers; from 179'7" to 187' moderately to	9513	180-185	Nil			
		weakly chloritized granodiorite, minor pyrite.						
187-197	0	From 187' to 188'5" weakly silicified and chloritized						
		granodiorite; minor pyrite; from 188'5" to 197'						

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 6 of 9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		medium grained, weakly porphyritic, weakly	9514	185-188	Nil			
		chloritized, granodiorite, trace of pyrite.	9515	188-193	Nil			
197-207	0	From 197' - 199' greyish medium grained, weakly						
		porphyritic granodiorite, weakly chloritized and	9516	193-199	Nil			
		sericitized; from 199' to 203'4" moderately to						
		strongly sericitized and silicified granodiorite,						
		minor scattered pyrite; from 203'4" to 206'1" dark						
		grey to black xenolith of meta-basalt, minor						
		scattered pyrite; from 206'1" to 207' foliated	9517	199-203.5	Nil			
		moderately to strongly chloritized granodiorite;						
		minor scattered pyrite, foliation @ 45° to core	9518	203.5-206	Tr.			
		axis.						
207-217	0	From 207' to 210'4" dark green-grey moderately						
		sericitized and silicified granodiorite, minor	9519	206-210	Nil			
		pyrite in a few narrow stringers; from 210'4" to						
		217' greenish-grey to orange-brown weakly to						
		moderately sericitized granodiorite, locally foliated	9520	210-217	Tr.			
		biotite coated fractures common, minor scattered						
		pyrite.						
217-227	0	From 217'to 217'10" green-grey, weakly sericitized						
		granodiorite, minor pyrite on fractures; from 217'10"						
		to 218'8" grey to brownish, foliated, chloritized	9521	217-222	Tr.			
		granodiorite; from 218'8" to 220'4" green-grey						
		weakly chloritized granodiorite, trace of pyrite;						

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 7 of [redacted]9

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		from 220'4" to 222'2" greenish-brown well foliated,						
		strongly sericitized, granodiorite, minor pyrite;						
		from 222'2" to 223' greenish-grey to brownish						
		weakly to moderately sericitized and chloritized						
		granodiorite; from 223' to 227' grey to red-brown						
		weakly to strongly foliated, hematite stained						
		granodiorite, (fault zone), no pyrite visible.						
227-237	0	From 227-233' red-brown to grey-brown weakly						
		sericitized granodiorite, locally foliated @ 45°						
		to core axis, trace of pyrite; from 233' to 234'1"						
		dark grey, foliated, silicified and sericitized						
		(moderately) granodiorite, trace of pyrite; from						
		234'1" to 237' relatively fresh, medium to fine						
		grained grey to light brown, weakly porphyritic						
		granodiorite.						
237-247	0	From 237' to 240'4" medium to fine grained, pale						
		buff to brown, porphyritic granodiorite, weakly						
		sericitized; from 240'4" to 244' grey to red-brown	9524	241.5-245	Tr.			
		weakly to moderately silicified and sericitized						
		granodiorite, weak foliation @ 45° to core axis,						
		minor pyrite on some fractures; from 244' to 245'						
		orange buff to red-brown, sheared and silicified						
		zone, well foliated, ? fault zone.						
		NOTE: obvious hematite staining, minor pyrite; from						
		245' to 247' grey to dark brown, weakly silicified						
		and sericitized granodiorite; trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 8 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
247-257	0	From 247' to 251'8" dark grey to grey brown,						
		granodiorite, weakly silicified and sericitized						
		in part, minor pyrite as thin stringers and fracture						
		coatings; from 251'8" to 252'10" strongly sheared						
		well foliated quartz-eye-sericite schist, trace of						
		pyrite; from 252'10" to 255'4" grey to grey-brown,						
		medium grained porphyritic granodiorite, trace of						
		pyrite; from 255'4" to 257' grey-brown, moderately						
		silicified and sericitized granodiorite, minor						
		pyrite.						
257-267	0	From 257' to 261'11" grey to red-brown moderately	9525	255-259	.02			
		silicified and sericitized granodiorite, 1-2% pyrite						
		as fracture coatings and small disseminated blebs;	9526	259-262	.02			
		from 261'11' to 267' grey to grey-brown porphyritic						
		granodiorite, minor pyrite.						
267-277	0	Dark grey, relatively unaltered, porphyritic,						
		hybrid basalt-granodiorite, minor scattered pyrite						
		blebs.						
277-287	0	Dark grey to black, medium grained, porphyritic						
		hybrid basalt-granodiorite, euhedral pink potash-						
		feldspar phenocrysts to 1" long; at 286'4" a ½ inch						
		grey quartz vein, barren, @ 20° to core axis, minor						
		pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-13 SHEET No. 9 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
287-297	0	Dark grey to black, porphyritic granodiorite, largely contaminated by partly digested basalt, 4 barren grey quartz stringers ½ to 1 inch wide, trace pyrite.						
297-307	0	Similar dark grey to black, contaminated porphyritic granodiorite.						
307-317	0	Similar to last section.						
317-327	2"	From 317' to 321'11" similar to last section; from 321'11" to 323' fine grained, dense, foliated ?, chert(?) or rhyolite dyke, trace of pyrite; from 323' - 325' medium grained, porphyritic, contaminated granodiorite.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. ..... SC-86-14A .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -45° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 59 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 6+10 SE .....
Departure ..... 31+00 NE .....

Sheet No. 1 ..... of 1 .....
Logged by ..... M. E. Dawson .....
Date Begun ..... Feb. 10/86 .....
Date Finished ..... Feb. 17/86 .....
Core Stored at ..... Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		Hole cased to 44 feet.						
44-47	29"	Dark grey to black, slightly porphyritic hybrid						
		basalt-granodiorite.						
47-57	14"	Dark green to black, porphyritic, hybrid basalt-						
		granodiorite, trace of pyrite.						
57-59		Similar to last section.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. ..SC-86-15.....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ
Angle of Hole ..... -45°
Claim .....
Section .....
Bearing ..... 152° T

Total Depth ..... 300 ft.
% Recovery .....
Elev. Collar .....
Latitude ..... 6+10 SE
Departure ..... 32+50 NE

Sheet No. ..... 1 ..... of 8
Logged by ..... M.E. Dawson
Date Begun ..... Feb. 17/86
Date Finished ..... Feb. 20/86
Core Stored at ..... Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 15 feet.						
15–17	4"	From 15' to 16'2' grey, porphyritic granodiorite,						
		trace of pyrite; from 16'2" to 17' green-grey						
		medium to fine grained hybrid granodiorite; no						
		pyrite.						
17–27	0	Similar green-grey medium to fine grained, fresh						
		hybrid granodiorite, slightly porphyritic; trace						
		of pyrite.						
27–37	0	Similar dark grey-green. medium to fine grained						
		hybrid basalt-granodiorite; slightly chloritized in						
		section, trace of pyrite.						
37–47	0	Similar dark grey-green to black, hybrid basalt-						
		granodiorite, minor pyrite on fracture coatings.						
47–57	0	From 47' to 49'9" dark grey medium to fine grained						
		hybrid basalt-granodiorite, several stringers of						
		calcite and biotite coated stringers of calcite @						
		~45° to core axis, minor pyrite as disseminated						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 2 of [redacted]8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		fine grains or as stringers parallel to calcite						
		veins; from 49'9" to 50'2" medium grained,						
		porphyritic granodiorite, up to 1% pyrite; from						
		50'2" to 54'2" dark green meta-basalt, this is						
		foliated in places (rock approaches HBC schist),						
		foliation @ 45° to core axis; calcite stringers are						
		common and parallel to foliation; weakly seriticized						
		in places; pyrite up to 1% as stringers and	9541	54-59	.05			
		disseminated fine grains; from 54'2" to 57' rock						
		is primarily basalt with hint of granodiorite thus						
		hybrid granodiorite-basalt; calcite stringers are						
		common @ ~45° to core axis; minor pyrite on						
		fracture surfaces and as very fine stringers						
		parallel to calcite veins.						
57-67	0	From 57' to 59'3" similar dark green hybrid grano-						
		diorite-basalt, slightly sericitized, with calcite						
		stringers @ 45° to core axis and stringers of pyrite						
		parallel to calcite stringers, also fine grained						
		disseminated pyrite, pyrite up to 5%; from 59'3" to						
		62'4" grey to light grey, medium to fine grained,						
		porphyritic granodiorite; from 59'3" to 60'3"	9542	59-62	.01			
		unaltered but contains 1-2% flakes of sericite;						
		from 60'3" to 62'4" minor sericite; minor pyrite;						
		from 62'4" to 63'6" dark grey to black hybrid						
		basalt-granodiorite, minor pyrite; from 63'6" to						
		65'4" light grey to grey, medium grained, slightly						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 3 of 8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		porphyritic granodiorite, minor pyrite; from 65'4"						
		to 67', dark greenish-grey hybrid basalt-grano-	9543	62-67	.01			
		diorite; minor pyrite, slight sericitization.						
67-77	0	Dark grey-green, medium grained, slightly porphyritic						
		hybrid basalt-granodiorite, minor pyrite on fracture						
		surfaces.						
77-87	0	From 77' - 87' dark grey to black, medium to fine						
		grained, hybrid basalt-granodiorite, slightly						
		porphyritic, weakly chloritized, calcite stringers	9544	77-82	Tr.			
		common, especially in first 2 feet of section, minor						
		fine grained pyrite and stringers of pyrite						
		locally up to 1%.						
87-97	0	From 87' to 88'2" dark grey, hybrid basalt-						
		granodiorite, several stringers of calcite up to						
		5% pyrite; from 88'2" to 90'7" dark grey to black,						
		unfoliated, hybrid granodiorite-basalt; several veins						
		of calcite up to ¼ inch in width, @ ~ 40° to core						
		axis; minor pyrite; from 88'2" to 87' grey,						
		porphyritic granodiorite, weakly silicified and						
		sericitized in places, minor pyrite.						
97-107	0	Grey to dark grey, medium grained, porphyritic hybrid						
		granodiorite, weakly sericitized and silicified, minor						
		pyrite as stringers @ ~ 45° to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 4 of [redacted]8

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
107-117	0	Grey to dark grey, medium to fine grained, porphyritic						
		hybrid granodiorite; this section is weakly						
		seriticized; from 108'8" to 109'10" moderately	9545	107-110	Tr.			
		silicified, minor pyrite; from 116'8" to 117' zone						
		of weakly to moderate silicification.						
117-127	0	Grey to dark grey, medium to fine grained,						
		porphyritic, hybrid granodiorite; from 117' to						
		117'7" a zone of weakly chloritized and						
		sericitized granodiorite; minor pyrite, quartz eyes						
		are becoming common in the last two sections.						
127-137	0	From 127' to 135'2" medium to fine grained grey to						
		dark grey, porphyritic, hybrid granodiorite, weakly	9546	130-135	Tr.			
		sericitized withseveral zones that are weakly						
		silicified, minor pyrite; from 135'2" to 137'	9547	135-139	.03			
		quartz-eye, chlorite-sericite schist; trace of						
		pyrite.						
137-147	0	From 137' to 139' primarily a quartz-eye chlorite-						
		sericite schist, very fine grained disseminated	9548	139-144	.01			
		pyrite - minor amounts; from 139' to 140'10" strongly						
		silicified, chloritized and sericitized, granodiorite,						
		this becomes moderately altered towards end of						
		this section, minor pyrite; from 140'10" to 144'						
		dark grey, weakly sericitized, hybrid basalt-						
		granodiorite, minor pyrite as disseminated blebs						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 5 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		and fine grains; from 144' to 147' medium to fine						
		grained, porphyritic granodiorite, trace of pyrite.						
147-157	0	Grey, medium to fine grained, slightly porphyritic,						
		granodiorite, contains several biotite coated						
		fractures, trace pyrite; from 152'5" to 152'10",						
		zone of moderately to strongly silicified,						
		chloritized and sericitized granodiorite, no						
		visible pyrite.						
157-167	0	From 157' to 157'10" dark grey, moderately to						
		strongly silicified and chloritized, with stringers						
		of calcite common, trace of pyrite; from 157'10"						
		to 164'11", grey to dark grey, medium to fine						
		grained, slightly porphyritic granodiorite, this						
		section contains zones that are weakly chloritized,	9549	165-170	Tr.			
		and stringers and veinlets of calcite, running						
		@ ~ 45° to core axis, minor pyrite; from 164'11"						
		to 167' moderately (strongly silicified at 165'4")						
		silicified and chloritized granodiorite, this						
		section is weakly foliated; foliation @ ~45° to						
		core axis; minor pyrite as stringers, with local						
		amounts of pyrite up to 2%; one lense of pyrite						
		~ ½ inch wide at 165'4".						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 6 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
167-177	0	From 167' to 169'7" weakly to moderately silicified						
		and sericitized granodiorite, trace of chalcopyrite						
		on fracture surface, minor pyrite; from 169'7" to	9550	170-175	Tr.			
		174'2" medium to fine grained, granodiorite, this						
		section is weakly sericitized, and contains stringers	9551	175-180	Tr.			
		of calcite and quartz, several biotite coated fractures,						
		minor pyrite; from 174'2" to 177' weakly to						
		moderately silicified and sericitized, granodiorite,	9552	180-183	Tr.			
		weakly foliated; pyrite up to 1% as fine stringers.						
177-187	0	From 177' to 182'2" green-grey, weakly to moderately						
		silicified and sericitic granodiorite, trace pyrite;						
		from 182'2" to 187' moderately to strongly	9553	183-187	Tr.			
		silicified and sericitic granodiorite, locally						
		pyrite up to 1%, trace of chalcopyrite.						
187-197	0	Greyish, medium grained, hybrid granodiorite,						
		weakly to moderately silicified, and sericitic	9554	187-192	.02			
		frequent pyrite and biotite coated fractures @						
		30-45° to core axis, 3-4% pyrite, trace of	9555	192-197	.01			
		chalcopyrite.						
197-207	0	Dark grey, medium grained weakly porphyritic,	9556	197-202	.01			
		hybrid granodiorite, weakly to moderately silicified						
		and sericitic, minor pyrite; @ 200'4" a ½ inch wide	9557	202-207	.08			
		quartz vein with ? tourmaline needles @ 30° to core						
		axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 7 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
207-217	0	Dark grey, medium grained granodiorite, weakly to						
		moderately foliated, with some areas of more massive	9558	207-212	.05			
		unfoliated granodiorite, moderately to strongly						
		silicified and sericitized over the bulk of this	9559	212-217	.08			
		section, foliation @ ~35° to core axis, 1-2%						
		pyrite locally.						
217-227	0	Pinkish grey, medium to fine grained, weakly	9747	217-222	Tr.			
		foliated granodiorite, minor pyrite on fractures.	9748	222-227	Tr.			
227-237	0	From 227' - 231'4" similar medium grained, weakly						
		porphyritic, granodiorite; from 231'4" to 237'						
		dark green to black, dense, basalt dyke (?), up to						
		3% very fine grained disseminated pyrite, near						
		contact, contact with granodiorite is at 75° to core						
		axis.						
237-247	0	From 237' to 239'3" similar dark greenish-black,						
		basalt, trace of pyrite; from 239'3" to 247'						
		greenish-grey, porphyritic, granodiorite; weakly						
		foliated and sericite locally, minor pyrite on						
		fractures.						
247-257	0	From 247' to 249'11" greenish-grey, weakly sericitic,						
		porphyritic granodiorite, no pyrite; from 249'11"	9593	249-254	Tr.			
		to 251'7" strongly silicified and sericitic,						
		foliated granodiorite, 3-4% pyrite as scattered						

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PROPERTY HIGH LAKE HOLE No. SC-86-15 SHEET No. 8 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		stringers @ 60-70° to core axis; from 251'7" to 254'						
		weakly to moderately silicified, sericitic, green-						
		grey granodiorite, minor pyrite; at 252' a ½ inch						
		barren quartz stringer, parallel to the core axis;						
		from 254' to 257' relatively fresh, medium to fine						
		grained, grey granodiorite.						
257-267	0	Pinkish-grey, relatively fresh, weakly porphyritic						
		granodiorite, trace of pyrite.						
267-277	0	Similar to last section.						
277-287	6"	Similar pinkish-grey, porphyritic granodiorite,						
		last 3 feet of core is broken and fractured.						
287-297		Pinkish grey, medium grained, granodiorite,						
		weakly sericitic in places, trace of pyrite.						
297-300		Similar to last section.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. SC-86-16 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -45° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 597 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 4+91 SE .....
Departure ..... 32+00 NE .....

Sheet No. 1 ..... of 15 .....
Logged by ..M.E. Dawson.....
Date Begun Feb. 18/86 .....
Date Finished Feb. 21/86 .....
Core Stored at Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 4 feet.						
4-17	0	From 4' to 9'2" fresh pinkish-grey to grey, medium						
		grained granodiorite, minor pyrite; from 9'2" to	9560	10-15	Nil			
		15'2" dark greenish-grey medium grained weakly to						
		moderately sericitized granodiorite, 2-3% pyrite;						
		from 15'2" to 17' dark grey-green strongly sheared						
		chloritized and sericitic granodiorite, 3-4%	9561	15-17	Tr.			
		pyrite as disseminated small blebs.						
17-27	0	From 17' to 23'9" dark grey, moderately to strongly						
		silicified and sericitized hybrid granodiorite-	9562	17-22	Tr.			
		basalt, 3-5% pyrite, primarily as small blebs;						
		@ 29'8" a 1 inch barren grey quartz stringer @ 20°						
		to core axis; from 23'9" to 27' grey weakly	9563	22-27	Tr.			
		sericitized granodiorite, 3% pyrite as small						
		disseminated grains.						
27-37	0	From 27' to 27'11" similar dark grey weakly						
		sericitized granodiorite, 2-3% pyrite; from 27'11"						
		to 37' grey medium grained granodiorite, up to 1%						
		disseminated pyrite locally.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 2 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
37-47	0	From 37' to 40'4" medium grained, grey, granodiorite,						
		fresh to weakly sericitized, up to 10% chloritized						
		hornblende (?) crystals, 1-2% pyrite as small						
		disseminated grains; from 40'4" to 42'6" dark grey,	9564	40-42.5	Tr.			
		foliated, moderately to strongly sericitized						
		granodiorite, 1% pyrite; from 42'6' to 45',						
		relatively fresh, grey, medium grained granodiorite;						
		from 45' to 47' weakly foliated, granodiorite; weakly						
		sericitized, 1% pyrite.						
47-57	0	Grey to greenish-grey, weakly sericitized						
		granodiorite; from 53'4" to 54'2" inclusion of hybrid						
		basalt-granodiorite (partly digested xenolith)						
		locally foliated, contains 5% pyrite as blebs and						
		stringers.						
57-67	0	Greenish-grey, porphyritic, weakly to moderately	9565	57-62	Nil			
		foliated, sericitic and chloritic granodiorite,						
		trace of pyrite; last 3" grading to quartz-eye	9566	62-67	Nil			
		sericite schist.						
67-77	0	From 67' to 73'1" pale green, quartz-eye-sericite						
		schist, trace pyrite, foliation at 35° to core axis;						
		from 73'1" to 77' green-grey weakly sericitized,	9567	67-73	.01			
		porphyritic, granodiorite; no pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 3 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
77-87	0	Predominantly green-grey, porphyritic granodiorite,						
		weakly sericitized in part, no pyrite.						
87-97	0	From 87' to 90'3" grey-green, weakly sericitized						
		and chloritized granodiorite, no pyrite; from 90'3"	9568	90-94	Tr.			
		to 97' pale green, quartz-eye-sericite schist;						
		no pyrite.						
97-107	0	Primarily, pale green to green-grey quartz-eye						
		sericite schist, foliation @ 60° to core axis,	9569	97-102	Nil			
		minor conformable narrow, barren quartz stringers,						
		trace of pyrite.	9570	102-107	Tr.			
107-117	0	From 107' to 109'10" similar pale green quartz-eye						
		sericite schist, foliation at 80° to core axis,	9571	107-110	Tr.			
		minor pyrite along biotite coated fractures; from						
		109'10" to 115'9" greyish weakly sericitized,						
		porphyritic, granodiorite, minor pyrite; from 115'9"						
		117' foliated meta-basalt or HBC schist, foliation	9572	110-115.5	Tr.			
		and contact @ 45° to core axis, 2-4% pyrite						
		primarily as fracture coatings.						
117-127	0	From 117'120'4" dark greenish-brown meta-basalt or	9573	115.5-120.5	Tr.			
		HBC schist, 1-2% pyrite as fracture coatings and						
		disseminated grains; from 120'4" to 126'10" grey	9574	120.5-126.5	Tr.			
		relatively fresh, medium to fine grained						
		granodiorite, up to 3% pyrite locally; from 126'10"						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 4 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		to 127' dark green to black foliated meta-basalt,						
		2-3% pyrite; at 121'4" to 121'10" a 6" quartz	9575	126.5-131	5 Tr.			
		vein, with clusters of tourmaline crystals @30° to						
		core axis.						
127-137	0	From 127' to 131'8" dark green to black foliated,						
		meta-basalt becoming highly schistose in last foot	9576	131.5-136	Tr.			
		of section, 4-6% pyrite; foliation at 45° to core						
		axis, minor conformable and cross-cutting narrow						
		quartz stringers; from 131'8" to 137' primarily pale						
		green, quartz-eye-sericite schist, foliation at	9577	136-140	Tr.			
		45° to 60° to core axis, minor fine grained						
		disseminated pyrite.						
137-147	0	From 137' to 140' light to dark green, quartz-eye						
		sericite schist, minor pyrite; from 140' to 143'3"	9578	140-144	Tr.			
		dark green, well foliated sericitic and chloritic						
		granodiorite, 1-2% pyrite, primarily as fracture						
		coatings; from 143'3" to 147' dark grey, medium to	9579	146.5-150	Tr.			
		fine grained hybrid basalt-granodiorite, 3-4% pyrite;						
		from 146'3" to 146'8" basalt dyke, foliated @ 70° to						
		core axis.						
147-157	0	From 147' to 154'2" dark green to black foliated,						
		hybrid granodiorite-basalt, stringers and veinlets	9580	150-154	Tr.			
		of calcite common, predominantly @ 45° to core axis,						
		stringers of pyrite parallel foliation, up to 10%						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 5 of 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		pyrite locally as stringers and disseminated grains;						
		from 154'2" to 157' unfoliated, dark grey, hybrid						
		basalt-granodiorite, minor pyrite.						
157-167	0	From 157' to 163' dark green to grey-green						
		unfoliated hybrid basalt-granodiorite, minor pyrite;						
		at 161'6" quartz vein ~1½ inch wide, @ 45° to core						
		axis, black mineral with this vein probably						
		tourlamine, pyrite stringers with vein as well;						
		from 163' to 167' pale green-grey HBC schist,	9581	163-167	Nil			
		foliation at ~50° to 60° to core axis; up to 2%						
		pyrite locally, several calcite veins (½") parallel						
		to foliation.						
167-177	0	From 167' to 168'7" dark green-grey, unfoliated						
		hybrid basalt-granodiorite, minor pyrite, mostly						
		on fracture surfaces; from 168'7" to 177' dark green						
		to black meta-basalt, calcite stringers @ 50° to						
		core axis, up to 5% pyrite locally as finely						
		disseminated grains and stringers.						
177-187	0	From 177' to 178' similar dark green black						
		unfoliated meta-basalt; minor pyrite as fine						
		stringers; from 178' to 179'6" dark grey-green						
		hybrid granodiorite, this section is strongly						
		chloritized in places, with very fine grained						
		disseminated pyrite; from 179'6" to 187' greenish-grey						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 6 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
		weakly chloritized, porphyritic, hybrid granodiorite,						
		minor pyrite.						
187-197	0	From 187' to 190'9" similar greenish-grey, weakly						
		chloritized, porphyritic, hybrid granodiorite,						
		trace of pyrite; from 190'9" to 197' medium						
		grained, slightly porphyritic, greenish-grey,						
		hybrid basalt-granodiorite, trace of pyrite.						
197-207	0	Similar greenish-grey, medium grained, slightly						
		porphyritic, hybrid basalt-granodiorite, minor						
		pyrite as very fine disseminated grains, pyrite						
		up to 1% towards end of section.						
207-217	0	Greenish-grey, medium to fine grained, slightly						
		porphyritic, hybrid basalt-granodiorite, minor						
		pyrite, however locally up to 5%, this section is						
		very weakly sericitized, also minor epidote.						
217-227	0	From 217' to 222'5" similar to last section, with						
		only minor pyrite; from 222'5" to 227' dark grey						
		porphyritic, hybrid granodiorite, weakly sericitized						
		pyrite up to 5% locally as disseminated fine grains						
		and stringers.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 7 of 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
227-237	0	Dark grey, porphyritic, unfoliated, granodiorite,						
		weakly silicified at 230'4" to 230'7", weakly						
		sericitized, pyrite locally up to 5-7% as stringers						
		and disseminated fine grains, euhedral feldspar						
		phenocrysts up to 1½ inches, quartz eyes common.						
237-247	0	Grey to grey-brown, medium to fine grained						
		porphyritic, granodiorite to hybrid granodiorite,						
		feldspar phenocrysts up to 1 inch, several biotite						
		coated fractures, trace of pyrite, quartz-eyes						
		common.						
247-257	0	Similar to last section; at 248'2" weakly silicified						
		zone with stringers of pyrite.						
257-267	0	Similar, grey to grey-brown medium to fine grained						
		unfoliated, porphyritic granodiorite, trace of pyrite.						
267-277	0	From 267' to 270'9" similar to last section,						
		minor pyrite; from 270'9" to 275'10" dark greenish-						
		black, hybrid granodiorite-basalt, minor pyrite;						
		from 274'1" to 274'5" sheared and silicified zone						
		within this section; stringers of pyrite; from						
		275'10" to 277' medium to fine grained hybrid						
		granodiorite, weakly sericitized, minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 8 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
277-287	0	Grey-light grey, medium to fine grained, porphyritic						
		fresh, granodiorite, several biotite coated fractures,						
		trace of pyrite.						
287-297	0	From 287' to 291'6" fresh, medium to fine grained,						
		granodiorite, several biotite coated fractures;						
		trace of pyrite; from 291'6" to 293'2" weakly						
		silicified to moderately silicified granodiorite	9582	291-293.5	Nil			
		with many biotite coated fractures, minor pyrite						
		on fracture surfaces and as stringers; from 293'2"						
		to 297' dark greenish-black medium to fine grained,						
		slightly porphyritic, hybrid basalt-granodiorite.						
297-307	0	From 297' to298'10" dark grey-black, medium to fine						
		grained, hybrid basalt-granodiorite, minor pyrite;						
		from 298'10" to 299'11" moderately to strongly	9583	297-300.5	Tr.			
		silicified, and weakly sericitized granodiorite,						
		pyrite up to 1% as stringers and blebs; from 299'11"						
		to 307' pinkish grey, medium to fine grained						
		granodiorite, these are zones of weak sericitization						
		with minor pyrite, several biotite coated fractures.						
307-317	0	Pinkish-grey to dark grey, porphyritic granodiorite						
		or quartz monzonite, large portions consist of	9584	314-319	Tr.			
		hybrid basalt-intrusive rock, in the last 2 foot						
		section several pyrite coated fractures at 60° to						
		core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 9 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
317-327	0	Similar intrusive, largely contaminated by basalt,						
		weakly foliated and sericitic in places, minor						
		pyrite on fractures.						
327-337	0	From 327' to 334' dark grey to black, fresh hybrid						
		basalt-granodiorite, trace of pyrite; from 334' to						
		336'1" grey to pinkish-grey, weakly silicified,						
		medium to fine grained, mixed quartz monzonite						
		and hybrid material, minor pyrite, weakly sericitized						
		and silicified in places; from 336'1" to 337'	9585	333-336	Tr.			
		strongly foliated, quartz-eye sericite schist, minor						
		pyrite.						
337-347	0	From 337' to 338' strongly foliated quartz-eye-						
		sericite schist, foliation @ $\sim 30^{\circ}$ to core axis,	9586	336-338	Tr.			
		minor pyrite as stringers along healed fractures;						
		from 338' to 343'10" predominantly pinkish-grey,						
		medium to fine grained, porphyritic granodiorite;	9587	338-344	.06			
		minor pyrite as fracture coatings and disseminated						
		blebs; from 343'10" to 347' pale greenish-grey						
		quartz-eye-sericite schist; minor disseminated						
		pyrite.	9588	344-348	.03			
347-357	0	From 347' to 347'4" similar quartz-eye-sericite						
		schist, 347'4" to 353'7" dark greenish-grey,						
		hybrid basalt-granodiorite, minor pyrite in stringers	9589	348.353.5	.01			
		and blebs; from 353'7" to 357' black, dense,						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 10 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		foliated, meta-basalt, abundant calcite stringers,						
		abundant fine grained disseminated pyrite up to 5%.						
357-367	0	From 357' to 360'9" fine grained, dense foliated,						
		meta-basalt, foliation at ~60° to core axis,	9590	353.5-357	Tr.			
		clusters of fine pyrite common, orientation at						
		60° to core axis, 3-4% pyrite; from 360'9" to 367'	9591	357-361	Tr.			
		dark grey to pinkish-grey, porphyritic, hybrid						
		basalt-granodiorite, minor pyrite stringers.						
367-377	0	Dark grey to black, medium grained, porphyritic,						
		hybrid granodiorite, prominent euhedral potash-						
		feldspar phenocrysts up to 1 inch long, no pyrite.						
377-387	0	From 377' to 385' similar to last section, minor						
		pyrite on fractures, from 385' to 387' dark						
		greenish-grey, weakly foliated, weakly sericitic,						
		granodiorite, minor pyrite on fractures.						
387-397	0	From 387' to 391'6" dark green-grey, weakly to						
		moderately silicified, sericitic porphyritic,	9592	386-392	.02			
		granodiorite, abundant pyrite as stringers,						
		disseminations and blebs, 5-10% pyrite; from 391'6"						
		to 397' dark greenish-grey to black, porphyritic						
		hybrid granodiorite, minor pyrite, some small						
		sections weakly to moderately sericitized.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 11 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
397-407	0	Dark greenish-grey, porphyritic, hybrid granodiorite,						
		~6 - 8 fractures (biotite coated) with stringers						
		and blebs of pyrite; fractures at ~40° to core						
		axis; up to 1% pyrite.						
407-417	0	Similar to last section, minor pyrite on fractures.						
417-427	0	Similar to last section, biotite coated fractures						
		common, minor pyrite.						
427-437	0	Similar dark greenish-grey, hybrid, porphyritic						
		granodiorite; at 430'2" a two inch wide silicified						
		zone, at 70° to core axis, up to 2% pyrite.						
437-447	0	From 437' to 443'9" dark grey to black, porphyritic						
		hybrid basalt-granodiorite, 1-2% pyrite, locally to						
		10% in silicified areas between 439'4" and 439'10";	9594	438.5-443.5	Tr.			
		from 443'9" to 445'3" dense fine grained, black,						
		basalt dyke, minor fine grained disseminated						
		pyrite; from 445'3" to 447' medium to fine grained,						
		dark grey to black, hybrid basalt-granodiorite,						
		minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 12 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
447-457	0	From 447' to 451'6" medium to fine grained, dark greenish-grey, porphyritic granodiorite, weakly sericitic and silicified in part, trace of pyrite;	9595	447-451	Tr.			
		from 451'6" to 457' moderately to strongly silicified and sericitic granodiorite, brecciated	9596	451-456	Tr.			
		in part and recemented by irregular and diffuse blebs of silica, becoming foliated and more strongly silicified in last 1 foot section; foliation @ 45°						
		to core axis, minor pyrite on fractures, locally to 1%; @ 454'8" needles of tourlamine associated with pyrite stringers.	9597	456-461	.03			
457-467	0	From 457' to 466'3" red-brown to pale greyish-brown, moderately to strongly silicified and	9598	461-466.5	Tr.			
		sericitic granodiorite, largely altered to quartz-eye-sericite schist, foliation at 50° to core axis,						
		trace of pyrite; from 466'3" to 467' weakly sericitized greyish granodiorite.						
467-477	0	From 467' to 476'1", primarily dark grey to black, medium to fine grained, porphyritic, hybrid						
		granodiorite, trace of pyrite; from 476'1" to 477' dark grey red-brown, silicified and foliated						
		granodiorite, 1% pyrite as scattered small stringers.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 13 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
477-487	0	From 477' to 481' red-brown, weakly to moderately						
		silicified and sericitized, porphyritic granodiorite,						
		minor pyrite on fractures, fractures and pyrite	9599	476-481	Tr.			
		stringers oriented 45° to core axis; from 481' to						
		487' greenish-grey, weakly sericitized granodiorite,						
		local zones with orange-red hematite staining,						
		trace of pyrite.						
487-497	0	From 487' to 488'4" weakly foliated, weakly to						
		moderately sericitic, brownish-grey granodiorite;						
		from 488'4" to 497' red-brown to grey-brown,						
		medium to fine grained, porphyritic granodiorite,						
		no pyrite.						
497-507	0	From 497' to 498' similar red-brown, medium to fine						
		grained granodiorite; from 498' to 503' dark grey to						
		black, porphyritic, hybrid basalt-granodiorite, no						
		pyrite; from 503' to 507' mottled dark grey to						
		pinkish buff, porphyritic granodiorite, no pyrite.						
507-517	0	Primarily, dark-grey to black, porphyritic hybrid						
		granodiorite, minor local patches of orange						
		buff staining, no pyrite.						
517-527	0	Dark grey to black, medium to fine grained,						
		porphyritic, hybrid granodiorite, scattered minor						
		patches of hematite staining.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 14 of [illegible]5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
527-537	0	From 527' to 536'6" similar to last section;						
		from 536'6" to 537' dark green to black, foliated						
		basalt dyke, foliation and contact at 60° to core						
		axis.						
537-547	0	From 537' to 545'10" dark greenish-grey to red-						
		brown, weakly sericitized porphyritic granodiorite,						
		minor biotite coated fractures with traces of pyrite;						
		from 545'10" to 546'3" dark grey-black, fine grained,						
		dense basalt dyke; from 546'3" to 547' greenish-grey						
		porphyritic granodiorite, the section form 546'7"						
		to 546'11" contains a number of stringers of pyrite						
		associated with weak to moderate silicification						
		as well as one ½-inch basalt dyke, both stringers						
		and dyke orientated @ 45° to core axis.						
547-557	0	DArk greenish-grey to black, porphyritic, hybrid						
		granodiorite, a number of zones of red-brown						
		cherty silica - between 548'2" and 548'7",	9600	548-553	Nil			
		549'6" and 549'7", 550'8" and 551'3", 553'1" and						
		553'4", 556'7" and 556'8".						
557-567	0	From 557' to 562' dark grey to black, medium to						
		fine grained, hybrid basalt-granodiorite, minor						
		pyrite on fractures; from 562' to 567' medium						
		to fine grained, relatively fresh, porphyritic						
		granodiorite, no pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-16 SHEET No. 15 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
567-577	0	Grey to dark grey, medium to fine grained, hybrid granodiorite, minor pyrite as small scattered blebs as well as on biotite coated fractures, estimate 1% pyrite in section.						
577-587	0	From 577' to 580'3" zone of granodiorite with 50-60 % zones of grey to red-brown, cherty material containing several large irregular stringers of pyrite, pyrite 1-2% of section; from 580'3" to 587' green-grey porphyritic granodiorite, with two zones of red brown cherty material at 582'6" to 582'8" and 584'4" to 584'6", 1% pyrite as scattered stringers.	9601	577-581	Tr.			
587-597	0	Dark grey, porphyritic, hybrid granodiorite, minor pyrite, one thin zone of cherty material at 588'3" to 588'4" @ 45° to core axis.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-17

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 300° T

Total Depth 497 ft.
% Recovery
Elev. Collar
Latitude 8+18 SE
Departure 32+74 NE

Sheet No. 1 of 12
Logged by M.E. Dawson
Date Begun Feb. 21/86
Date Finished March 1/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 6 feet.			
6-17	18"	Medium grained, grey, porphyritic granodiorite, zone moderately silicified and sericitic, between 10.5' to 12'2" and between 14' to 14'3", also several biotite coated fractures with stringers and blebs of pyrite.	9622	10.5-16.5	.01
17-27	0	From 17' to 27' medium to fine grained, greyish, porphyritic granodiorite, zone of moderate silicification between 25'9" and 26'7", contains narrow stringers of pyrite with some well formed cubes, in addition at least 16 narrow quartz-biotite stringers and/or fracture coatings with small stringers and grains of pyrite.	9623	22-27	Tr.
27-37	0	Greyish, medium to fine grained porphyritic granodiorite, scattered zones of weak silicification, pyrite-chlorite coated fractures from 27.5' to 39.5' minor pyrite. These pyrite-chlorite coated fractures and stringers are at ~ 30-40° to core axis.	9624	27-32	Tr.
			9625	32-35	Nil

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 2 of 1

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
37-47	0	Similar porphyritic granodiorite, four narrow (up to ½ inch) barren quartz veins at 80-85° to core axis, some pyrite stringers and chloritic fractures with the same orientation; with these barren quartz veins, coarse flakes of white to pale greenish mica.						
47-57	0	Similar, medium grained, grey to greenish-grey granodiorite; from 47' to 52' area of diffuse silicification and sericitization, some barren quartz strongers and pyrite on fractures, 1% pyrite.	9626	47-52	.01			
57-67	0	Dark greenish-grey, weakly to strongly silicified and sericitic granodiorite, 3-5% pyrite, primarily as fracture coatings from 30 - 70° to core axis, minor chalcopyrite on fractures.	9627 9628	57-62 62-67	Tr. Tr.			
67-77	0	From 67' to 71.5' grey, medium grained granodiorite with frequent narrow zones that are silicified and sericitic, 1-2% pyrite as narrow stringers and blebs; from 71.5' to 77' grey to pale greenish-grey, strongly silicified and sericitic granodiorite, foliation at ~50° to 60° to core axis, abundant disseminations and fracture coatings of pyrite, up to 5% pyrite, minor chalcopyrite.	9629 9630	67-71 71-77	Tr. .02			

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 3 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
77-87	0	Grey to greenish-grey, porphyritic granodiorite; scattered biotite-chlorite coated fractures with minor pyrite; from 85' to 85'10" zone of intense silicification and sericitization with up to 3% pyrite as disseminations and fracture coatings.						
87-97	0	Similar grey porphyritic granodiorite, from 87'3" to 90'7" grey to pale greenish grey, strongly silicified and sericitic granodiorite, minor pyrite.	9631	85-90.5	.03			
97-107	0	Grey, porphyritic granodiorite, pale grey silicified and sericitic zone from 101'9" to 102'11", zone appears to trend at about 80° to core axis, minor pyrite.	9632	101.5-103	Tr.			
107-117	0	Relatively fresh, grey, medium to fine grained, slightly porphyritic granodiorite, two narrow silicified sericitic zones, with minor pyrite, at 112'7" and 113'1", both at 70° to core axis.						
117-127	0	Similar grey to green-grey granodiorite, several zones of moderately silicified and sericitized granodiorite in between 122' and 126'.	9633	121.5-126.5	Tr.			
127-137	0	Greenish-grey granodiorite, four narrow, barren quartz veins at 80-85° to core axis, six inch zone of silicified rock with scattered stringers of pyrite -						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 4 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		from 132'4" to 132'10", this zone runs ~60° to core						
		axis.						
137-147	0	Grey to dark green, weakly sericitized granodiorite,						
		trace of pyrite; from 140'5" to 141'4" zone of						
		strongly foliated quartz-eye-sericite schist,						
		trace of pyrite, foliation varies from 40-70° to						
		core axis; from 142'3" to 142'10" similar zone of	9634	137-139.5	Tr.			
		pale green quartz-eye sericite schist, trace of						
		pyrite. In the first 2-foot section, there are						
		6 narrow quartz veins @ 75-80° to the core axis						
		and 3 at 45° to core axis, several have	9635	139.5-144.5	.01			
		associated coarse, pale green mica, but no pyrite.						
147-157	0	From 147' to 151'8" green-grey, weakly sericitic						
		granodiorite, trace of pyrite; from 151'8" to						
		153'2" pale green quartz-eye-sericite schist,	9636	152-154	.08			
		minor pyrite, foliation at 60° to core axis; from						
		153'2" to 157' green-grey weakly sericitized						
		granodiorite, trace of pyrite.						
157-167	0	From 157' to 159'1" similar pale greenish-grey						
		weakly chloritized granodiorite, trace of pyrite;	9637	155-159	Tr.			
		from 159'1" to 162' pale green, strongly silicified						
		and sericitic granodiorite (quartz-eye-sericite	9638	159-162	.17			
		schist); foliation @ 80° to core axis, 1-2% pyrite;	9639	162-167	.02			
		from 162' to 167' green-grey weakly to moderately						
		sericitic granodiorite, 1% pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 5 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
167-177	0	Pale green-grey, weakly to strongly silicified,						
		sericitic granodiorite; 3-5% pyrite locally, some	9640	167-172	.02			
		quartz veining, pyrite lenses and foliation @ 75°						
		to core axis.	9641	172-177	.04			
177-187	0	From 177' to 185'6" pale dark green - grey granodiorite,						
		weakly to moderately sericitic and silicified in	9642	177-182	.13			
		places, 1-2% pyrite, foliation at 80° to core axis;						
		from 185'6" to 187' fresh to weakly sericitic,	9643	182-185.5	.02			
		green-grey granodiorite, trace of pyrite.						
187-197	0	Fresh to weakly altered, green-grey granodiorite,						
		two minor zones of shearing eg. quartz-sericite						
		rock at 90° to core axis, trace of pyrite.						
197-207	0	Fresh grey, medium grained, porphyritic granodiorite,						
		no pyrite, zoned euhedral orthoclase phenocrysts						
		to 1½ inches long.						
207-217	0	Similar to last section.						
217-227	0	From 217' to 220'3" similar grey to dark grey, fresh						
		granodiorite; from 220'3" to 227' dark grey to						
		black, porphyritic, hybrid basalt-granodiorite;	9644	223-225	Tr.			
		from 223' to 225' section with 10-12 stringers of						
		pyrite associated with narrow quartz seams @ 30°						
		to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 6 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
227-237	0	From 227' to 227'4" similar dark grey to black,						
		porphyritic, hybrid basalt-granodiorite; from 227'4"						
		to 237' green grey to dark green grey, porphyritic	9645	230-232	.01			
		granodiorite, hybrid in part; section between 230'						
		and 232' strongly sheared rock, essentially a quartz-						
		eye-sericite schists, minor pyrite except for						
		one quartz stringer (~ ½ inch wide) with abundant						
		pyrite; quartz stringer is orientated @ 60° to core						
		axis.						
237-247	0	Relatively fresh, dark grey, porphyritic, hybrid						
		basalt-granodiorite, no pyrite.						
247-257	0	Similar to last section, trace of pyrite.						
257-267	0	Similar grey-green, medium grained porphyritic,						
		hybrid basalt-granodiorite, no pyrite.						
267-277	0	Similar to last section; quartz vein at 272'2",						
		barren ~ ½ inch wide, trace of pyrite.						
277-287	0	Similar to last section, no pyrite.						
287-297	0	Dark grey-green, medium to fine grained, porphyritic						
		hybrid basalt-granodiorite; from 294'2" to 297' a						
		section with weakly sericitized and weakly to						
		moderately silicified zones of granodiorite,						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 7 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		pyrite up to 2% locally as stringers and blebs;						
		stringers and sericite coated fractures @ 45-50°						
		to core axis.						
297-307	0	From 297' to 302'2" grey to grey-green medium grained						
		porphyritic, hybrid granodiorite; within this section	9646	294-298	.01			
		there are 6 to 10 biotite-chlorite fractures with						
		associated pyrite, these fractures are @ 40-50° to						
		core axis; from 298'2" to 299'6" a section of						
		moderately to strongly silicified granodiorite						
		(cherty appearance), also moderately chloritized,						
		minor pyrite; from 302'2" to 307' dark green to	9647	298-302	Tr.			
		black medium to fine grained hybrid granodiorite-						
		basalt, this becomes a denser, finer grained dark						
		green hybrid granodiorite-basalt towards the end						
		of section, up to 2% pyrite locally.						
307-317	0	Similar dark-green, fine grained meta-basalt to hybrid						
		granodiorite-basalt, locally up to 2% pyrite as fine						
		disseminated grains.						
317-327	0	Dark green-grey medium grained, slightly sericitic						
		and chloritic, hybrid basalt-granodiorite, fine	9648	317-322	Tr.			
		grained disseminated pyrite and stringers of pyrite						
		up to 3% locally, trace of chalcopyrite; barren quartz	9649	322-327	Tr.			
		vein at 322'6", @~80-85° to core axis (~½ inch						
		wide).						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 8 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
327-337	0	Dark green-grey, medium to fine grained, hybrid						
		basalt-granodiorite, at least 5 small calcite veins,	9650	327-332	.01			
		calcite and chlorite common on fracture surfaces,						
		two barren quartz veins (~½ to 1 inch wide) at						
		332'8" and 331'7", @~80-85° to core axis, pyrite						
		up to 7% locally, ? trace of chalcopyrite.						
337-347	0	Dark green to black, medium to fine grained, hybrid						
		basalt-granodiorite, at least 25 veinlets of						
		calcite within section @ ~70-80° to core axis,						
		chlorite on fracture surfaces; from 5-7% pyrite						
		locally in section.						
347-357	0	Dark green to grey black, dense, hybrid basalt-						
		granodiorite to meta-basalt; at the beginning of						
		this section hybrid basalt-granodiorite blends						
		into meta-basalt which makes up ~8 feet of section;						
		numerous calcite coated fractures and veinlets,						
		pyrite occurs as fine grained disseminated blebs,						
		up to 5% locally.						
357-367	0	From 357' to 360' similar dark green to black, dense,						
		meta-basalt, at least 10 stringers or veinlets of						
		calcite at 30-40° to core axis, minor pyrite;						
		from 360' to 367' dark green-grey, medium grained,						
		slightly porphyritic granodiorite, minor pyrite						
		throughout section, locally up to 1% as fine grained						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 9 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		disseminations and blebs on fracture surfaces; at						
		least 8 stringers of calcite at various degrees to						
		core axis.						
367-377	0	Dark grey, medium to fine grained, hybrid basalt-						
		granodiorite; at least 25 stringers and veinlets of						
		calcite from 50 - 70° to core axis, several quartz	9651	367-372	Tr.			
		stringers with similar orientation, plus several						
		eratic stringers of quartz with associated pyrite;						
		pyrite exists as fine grained disseminations as						
		scattered blebs and on fracture surfaces, also as	9652	372-377	Tr.			
		very fine stringers; up to 10-12% pyrite locally.						
377-387	0	Dark grey to dark green-grey, hybrid basalt-						
		granodiorite, this blends into a meta-basalt in	9653	377-382	Tr.			
		various parts of section; calcite is common as						
		stringers and on fractures, as well as chlorite,	9654	382-387	.01			
		pyrite exists as finely disseminated grains, as						
		blebs, on fracture surfaces and as stringers;						
		up to 15-20% pyrite locally.						
387-397	0	Similar to last section, up to 10% pyrite locally.	9655	387-392	Tr.			
			9656	392-397	Tr.			
397-407	0	Dark greenish-grey, medium to fine grained hybrid						
		basalt-granodiorite, several zones that are weakly						
		chloritized and silicified; ½ inch quartz vein at						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 10 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		403'2" with minor pyrite, @ 20° to core axis; at						
		406'4" similar ¼ inch quartz vein with minor pyrite,						
		@ ~20° to core axis; locally up to 1% pyrite in						
		section.						
407-417	0	From 407' to 410'2" dark greenish black, medium to						
		fine grained, hybrid basalt-granodiorite, minor	9672	411-416	.01			
		pyrite; from 410'2" to 416'2" weakly to moderately						
		chloritized, silicified and sericitic granodiorite,						
		1½ inch quartz vein at 412'5", barren, @ 60-70° to						
		core axis; ¼ inch barren quartz vein at 415'9",						
		@ 30° to core axis; minor pyrite as stringers and on						
		fracture surfaces; from 416'2" to 417' pale grey-						
		green quartz-eye sericite schist, foliation @~40°						
		to 50° to core axis, trace of pyrite.						
417-427	0	Primarily pale grey-green, quartz-eye sericite schist,						
		several silica filled tension gashes, zones of calcite	9673	416-421	Tr.			
		common and several zones where quartz-eye sericite						
		schist becomes simply a highly silicified rock;	9674	421-426	Tr.			
		foliation @ 45° to core axis; locally up to 2% pyrite						
427-437	0	From 427' to 430.5' similar quartz-eye sericite						
		schist, minor pyrite; from 430.5' to 437' weakly	9675	426-430.5	Tr.			
		sericitized to fresh, medium grained, porphyritic						
		granodiorite, minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 11 of 12

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
437-447	0	Grey to dark grey, medium to fine grained, slightly porphyritic, hybrid granodiorite, several stringers of pyrite @ 30° to core axis, weakly sericitic in places; minor pyrite.						
447-457	0	From 447' to 454'4" grey, medium to fine grained, porphyritic, weakly sericitized in places, granodiorite, trace of pyrite; from 454'4" to 454'11" quartz vein system, with veins of calcite intermixed; tourmaline associated with quartz veining, up to ½% pyrite within this section; from 454'11" to 457' dark green meta-basalt to HBC schist; foliation at 45° to core axis, pyrite up to 3% locally, stringers of calcite quite common parallel to foliation.	9676	454-459	Tr.			
457-467	0	From 457' to 462'6" similar dark green to black unfoliated meta-basalt to foliated HBC schist, approximately 17 veins of calcite @ 85° to core axis, locally up to 15-25% pyrite; from 462'6" to 463'7" medium to fine grained granodiorite, up to 2% pyrite; this section contains two barren quartz veins @~80° to core axis; from 463'7" to 467' similar dark green-brown meta-basalt, calcite veins are common and irregular, one small barren quartz vein, pyrite as disseminated blebs - up to 2%.	9677	459-462.5	Nil			

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PROPERTY HIGH LAKE HOLE No. SC-86-17 SHEET No. 12 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
467-477	0	Dark green-brown, dense, unfoliated meta-basalt to foliated HBC schist, foliation at ~50-55° to core axis, pyrite up to 3% locally, as fine grained disseminations and blebs; clacite veins and stringers primarily parallel to foliation.						
477-487	0	From 477' to 477'6" dark green-brown HBC schist; from 477'6" to 487' grey, medium grained, porphyritic granodiorite, several zones of weakly to moderately silicified and sericitized granodiorite, trace of pyrite; two barren quartz veins, up to ⅛ inch wide at 486'3" and 486'7"						
487-497	0	Grey, medium to fine grained, porphyritic, fresh granodiorite; quartz veins at 487'2" and 487'10", ~ ¼ inch wide, both barren @ ~75 - 85° to core axis, no pyrite; four zones of silicified rock, largest zone 6" wide, no pyrite; this section is slightly sericitized in places, no pyrite in section.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. SC-86-18 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... NQ .....
Angle of Hole ..... -45° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 397 ft. .....
% Recovery .....
Elev. Collar .....
Latitude ..... 5+81 SE .....
Departure ..... 31+00 NE .....

Sheet No. 1 of 9
Logged by M.E. Dawson
Date Begun Feb. 21/86
Date Finished Feb. 24/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 47 feet.			
47-57	10"	From 47' to 53'5" greenish-grey medium to fine grained granodiorite, moderately to strongly silicified and sericitc along 15 to 18 biotite coated fractures which contain grains and stringers of pyrite < ½%pyrite in section; from 53'5" to 57' dark grey to black, hybrid basalt-granodiorite, trace of pyrite.	9602	47-52	Tr.
57-67	0	From 57' to 58'1" greenish-grey moderately to strongly sericitized granodiorite, trace of pyrite; from 58'1" to 67' greenish-grey, relatively fresh, porphyritic granodiorite, trace of pyrite.			
67-77	0	Similar to last section, minor moderate sericitization with minor pyrite along a few fractures, @ 45 - 75° to core axis.			
77-87	0	From 77' to 81'4" similar to last section, minor pyrite; from 81'4" to 87' dark grey to black, hybrid basalt-granodiorite, minor pyrite on fractures.			

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
87-97	0	From 87' to 96'2" dark grey to black porphyritic,						
		hybrid basalt-granodiorite, minor pyrite; from 96'2"						
		to 97' grey, moderately to strongly silicified						
		granodiorite, 2-3% pyrite.						
97-107	0	Grey, porphyritic granodiorite, weakly to moderately	9603	96-101	.01			
		silicified and sericitic, primarily along fractures,						
		@ 40-70° to core axis, 2% pyrite.	9604	101-107	.01			
107-117	0	Greenish-grey, porphyritic granodiorite, similar	9605	107-112	Nil			
		silicified and sericitic zones around fractures,						
		primarily @ 60° to core axis, minor pyrite.	9606	112-117	Tr.			
117-127	0	Similar green-grey, altered in patches, granodiorite	9607	117-122	Nil			
		cut by fractures varying from 70 to 20° to core axis,						
		weak to moderate sericitic and siliceous alteration,	9608	122-126	Tr.			
		minor pyrite.						
127-137	0	From 127' to 132'6" primarily green-grey foliated,						
		moderately to highly silicified, and sericitic	9609	126-131	Tr.			
		granodiorite; minor pyrite; from 132'6" to 137'						
		light to dark grey, porphyritic granodiorite,	9610	131-137	Tr.			
		weakly sericitic and silicified in a few patches,						
		trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
137-147	0	Grey to dark green-grey, medium grained, porphyritic						
		granodiorite; one section between 138'3" and						
		139'8" which is weakly to moderately sericitic and						
		silicified; minor pyrite on fractures.						
147-157	0	From 147' to 152'3" similar, grey medium grained						
		granodiorite, minor narrow areas of moderately						
		sericitic rock, trace of pyrite; from 152'3" to	9611	147-152	Nil			
		157' mixed zone of weakly altered granodiorite						
		with patches of moderately to strongly sericitic						
		and silicified material, well altered material						
		consists of about 30% of section, within altered						
		zones, pyrite on fractures, from 30 - 70° to core						
		axis, however predominant order of fracturing is at	9612	152-157	Tr.			
		70° to core axis.						
157-167	0	Primarily pale greenish-grey, foliated, moderately to						
		strongly altered, i.e. sericitic granodiorite,	9613	157-162	.01			
		intermixed with several sections of weakly altered						
		porphyritic granodiorite; strongly altered material	9614	162-167	Tr.			
		constitutes 60% of section; overall less than 1%						
		pyrite in section.						
167-177	0	Predominantly moderately to strongly sericitized	9615	167-172	Tr.			
		granodiorite containing some thin quartz stringers						
		in the most highly altered portions, foliation	9616	172-177	Tr.			
		~ 60-70° to core axis, 25% of the section is weakly						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 4 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
177-187	3"	From 177' to 184'6" strongly sericitic granodiorite,						
		foliation at 45 to 25° to core axis, minor quartz	9617	177-182	Tr.			
		stringers in part, 1-2% pyrite in section, primarily						
		as fracture coatings; from 184'6", relatively fresh,	9618	182-184.5	Tr.			
		light grey, medium to fine grained granodiorite.						
187-197	0	Grey to green-grey, medium grained, fresh to weakly						
		altered (sericitic and silicified), granodiorite;	9619	189-194	.01			
		section from 189' to 193'4" cut by about 20 to 30						
		steeply dipping fractures with associated blebs and						
		stringers of pyrite, stringers primarily oriented						
		at 30° to core axis.						
197-207	0	Light to dark grey, medium grained, porphyritic						
		granodiorite, approximately eight narrow, pyrite						
		filled fractures @ 30° to core axis, several narrow						
		barren quartz stringers with a similar orientation.						
207-217	0	Buff to grey, medium grained porphyritic granodiorite,						
		several zones of weak "brecciation"; veined with						
		barren quartz, no pyrite in section.						
217-227	0	From 217' to 219' light grey, relatively fresh,						
		porphyritic granodiorite; from 219' to 223'7" grey to						
		light grey, moderately to strongly silicified,	9620	216-219	Nil			
		sericitic and chloritic granodiorite, minor pyrite						
		locally as stringers and blebs; this section is						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 5 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		well foliated in places @ 35 - 30° to core axis;						
		from 223'7" to 227' relatively fresh, light grey,	9621	219-223.5	Tr.			
		slightly sericitic, medium grained granodiorite;						
		no pyrite.						
227-237	0	Light grey to grey, medium grained, slightly						
		porphyritic, hybrid basalt-granodiorite, numerous						
		biotite coated fractures, with associated sericite,						
		trace of pyrite, orientation of fractures ~45° to						
		core axis, (approximately 20-25 such fractures.)						
237-247	0	From 237' to 239'6" relaively fresh, medium to fine						
		grained, slightly porphyritic granodiorite; from	9657	237-239.5	Tr.			
		239'6" to 241'6" green to dark green granodiorite,						
		moderately to strongly silicified, chloritized and	9658	239.5-241.5	Tr.			
		sericitized (quartz-eye sericite schist in places);						
		foliation at 60° in this section, minor pyrite;						
		from 241'6" to 247' dark grey to black, porphyritic	9659	241.5-245	Tr.			
		granodiorite, this section is weakly foliated and						
		sericitized in places, minor pyrite as stringers						
		and blebs.						
247-257	0	Dark grey to black, relatively fresh, porphyritic,						
		hybrid basalt granodiorite, at 252' a 1 inch barren						
		quartz vein, @ 5° to the core axis; trace of pyrite,						
		except for the last 2 foot section where there are						
		scattered stringers and blebs along fractures @~40°						
		to core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 6 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
257-267	0	From 257' to 260' similar to last section; from 260'						
		to 267' dark greenish-grey, weakly chloritized,						
		porphyritic, hybrid granodiorite, minor pyrite.						
267-277	0	From 267' to 272'2" dark greenish-grey to black,						
		hybrid basalt-granodiorite, no pyrite; from 272'2'	9660	267-272	Nil			
		to 277' strongly silicified, dark greenish-grey						
		chloritic granodiorite, 3-5% pyrite as stringers and						
		disseminated grains, minor chalcopyrite throughout	9661	272-277	Nil			
		section.						
277-287	0	From 277' to 281'8" dark green to grey, weakly to						
		moderately silicified and chloritic, porphyritic						
		granodiorite, 1% pyrite, trace of chalcopyrite;						
		from 281'8" to 286'6" green-grey moderately to	9662	277-282	Tr.			
		strongly silicified granodiorite, 3-5% pyrite, minor						
		chalcopyrite; from 286'6" to 287' weakly silicified	9663	282-287	Tr.			
		dark grey to black, hybrid granodiorite, minor						
		pyrite.						
287-297	0	From 287' to 288' dark green weakly silicified and						
		chloritic granodiorite, trace of pyrite; from 288'						
		to 288'10" moderately to strongly silicified and	9664	287-292	Tr.			
		chloritic granodiorite; foliation at 70° to the						
		core axis, 3% pyrite as very finely disseminated	9665	292-295	Nil			
		grains; from 288'10" to 293' weakly silicified and						
		chloritic, dark greenish-grey granodiorite, minor						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 7 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		pyrite; from 293' to 294'10" moderately silicified						
		and chloritic, dark green, hybrid granodiorite,						
		1-2% pyrite, trace of chalcopyrite; from 294'10"						
		to 297' greyish, highly silicified zone with 1-2%						
		pyrite, trace of chalcopyrite.						
297-307	0	From 297' to 299'4" pale grey to dark green to						
		black, highly silicified and chloritic (in part),						
		altered hybrid granodiorite, 5-6% pyrite, 1%	9666	295-299.5	Tr.			
		chalcopyrite; from 299'4" to 307' dark green, dense,						
		fine grained, basalt dyke, contact with silicified						
		zone at 45°.						
307-317	0	From 307' to 3105" dark green to black, fine grained						
		basaltic dyke, foliated and veined by narrow calcite						
		stringers in last 2 feet of section; foliation at 70°						
		to core axis; from 310'5" to 312'3" dark green-grey,						
		highly silicified granodiorite, 1-2% pyrite, trace	9667	310-312.5	Tr.			
		of chalcopyrite; minor foliation at 30° to core axis;						
		from 310'5" to 317' green-grey, to pinkish buff,						
		weakly sericitic granodiorite, minor silicification						
		in places, foliation at 45° to core axis.						
317-327	78"	Dark grey, porphyritic granodiorite, relatively						
		fresh, however four to five foot section, highly						
		fractured and broken core - fault zone(?)						

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 8 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
327-337	0	Pinkish buff to grey, medium grained, porphyritic granodiorite, trace of pyrite.						
337-347	0	Medium to fine grained, porphyritic granodiorite, 3 small silicified and sericitic section, no pyrite; at 343' a ½ inch barren quartz vein at 10° to core axis.						
347-357	0	Grey, medium to fine grained, porphyritic granodiorite, a zone of greenish, quartz-eye sericite schist; from 355'6" to 356'6" foliation at 70° to core axis, no pyrite.						
357-367	0	Grey, medium grained, relatively fresh, porphyritic granodiorite, no pyrite.						
367-377	0	From 367' to 372'11" grey to dark grey, medium grained porphyritic granodiorite, this section is weakly sericitized in places, minor pyrite as stringers and blebs; from 372'11" to 375'5" grey to buff colored, foliated, moderately to strongly sericitized and chloritized, weakly silicified granodiorite; foliation @ ~50° to core axis, minor pyrite, minor chalcopyrite; from 375'5" to 377' pinkish grey, medium to fine grained, slightly porphyritic granodiorite, no pyrite.	9668	369-373	Tr.			
			9669	373-375.5	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-18 SHEET No. 9 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
377-387	0	From 377' to 383'8" grey, medium grained, slightly						
		porphyritic, slighly foliated granodiorite, no pyrite						
		from 383'8" to 387' pale green to grey, quartz-eye	9670	383.5-388	.01			
		sericite schist, trace of pyrite.						
387-397	0	From 387' to 387'11' pale green, quartz-eye						
		sericite schist, trace of pyrite; from 387'11' to						
		389'11" weakly foliated, slightly sericitic and	9671	388-390	.01			
		silicified granodiorite; trace of pyrite; from						
		389'11' to 197' grey medium grained, porphyritic,						
		hybrid basalt-granodiorite, no pyrite; barren						
		quartz vein at 387', approximately ¼ inch wide						
		@ 30° to core axis.						
		End of hole.						

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PROPERTY ..... HIGH LAKE ..... HOLE No. SC-86-19 .....

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size ..... BQ .....
Angle of Hole ..... -45° .....
Claim .....
Section .....
Bearing ..... 152° T .....

Total Depth ..... 500 .....
% Recovery .....
Elev. Collar .....
Latitude ..... 1+50 NW .....
Departure ..... 16+00 NE .....

Sheet No. ..... 1 ..... of ..... 15 .....
Logged by M.E. Dawson .....
Date Begun Mar. 1/86 .....
Date Finished Mar. 6/86 .....
Core Stored at Property .....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 5 feet.						
		NOTE: Hole cased to 5' but drilling begins at 2'.						
2-10	4"	From 2' to 5'5" medium grained, grey to dark grey,						
		hybrid granodiorite, minor pyrite; from 5'5" to						
		10' grey-green, moderately to strongly chloritized						
		and sericitized, slightly foliated granodiorite,	9678	6-11	Tr.			
		quartz eyes common, up to 3-5% pyrite locally.						
10-15	0	From 10' to 11'1" similar altered and slightly						
		foliated granodiorite; foliation at 80-85° to						
		core axis; from 11'1" to 15' grey, medium to fine						
		grained, porphyritic granodiorite, minor pyrite						
15-20	0	Similar, grey, medium to fine grained porphyritic						
		granodiorite, mildly sericitic, minor pyrite.	9679	15-20	Tr.			
20-25	0	Similar to last section; quartz vein at 22'8",						
		~2 inches wide, @ 30° to core axis, up to 5% pyrite						
		associated with vein; at 23'7" a 1 inch quartz vein	9680	20-25	Nil			
		at 20-30° to core axis, minor pyrite associated						
		with vein.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 2 of 1

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
25-30	0	Medium to fine grained, porphyritic granodiorite,						
		at least 6 biotite-pyrite coated fractures,						
		@ 45° to core axis.						
30-35	0	Similar to last section, slightly chloritic in places,						
		minor pyrite.						
35-40	0	From 35' to 38'11" similar to last section, ¼ inch						
		barren, quartz vein at 37'6" @ 30° to core axis;						
		from 38'11' to 40' dark grey-black, medium to						
		fine grained, hybrid basalt granodiorite, up to						
		1% pyrite.						
40-45	0	Dark grey to black to green-grey hybrid basalt-						
		granodiorite, mildly foliated, moderately						
		sericitized, chloritized and silicified; foliation	9681	40-45	Tr.			
		from 45-70° to core axis, up to 15% pyrite locally						
		as fine grained stringers and disseminations.						
45-50	0	Dark grey, medium grained, porphyritic hybrid						
		basalt-granodiorite, the first 9" of the section is						
		weakly sericitized, the rest of section slightly	9682	45-50	Nil			
		chloritized, up to ½% pyrite, very fine grains.						
50-55	0	From 50' to 52'3" similar to last section, slightly						
		foliated; @ 15° to 85° to core axis, in places up	9683	50-52.5	Tr.			
		to 7% pyrite locally; from 52'3" orange grey to						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 3 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		grey medium grained, porphyritic granodiorite, trace						
		of pyrite.						
55-60	0	From 55' to 56' grey, medium grained, weakly						
		silicified granodiorite, minor pyrite, this "blends"						
		into a darker medium grained, porphyritic, hybrid	9684	55-60	Tr.			
		basalt-granodiorite, two calcite veins @ 45° to						
		core axis; pyrite up to 3% locally.						
60-65	0	Dark grey, medium to fine grained, porphyritic						
		hybrid basalt-granodiorite, minor pyrite as						
		fine grained disseminations and blebs.						
65-70	0	From 65' to 65'6" similar to last section; from						
		65'6" to 70' light grey, weakly foliated, weakly						
		silicified, granodiorite, foliation at 30° to						
		core axis, minor pyrite as fine grained	9685	65-70	Tr.			
		disseminations and as stringers, parallel to						
		foliations.						
70-75	0	Similar to last section with several zones						
		moderately silicified and weakly sericitized, minor	9686	70-75	Nil			
		pyrite as blebs; this section is porphyritic.						
75-80	0	From 75' to 78'5" light grey, to greyish-green						
		moderately silicified and weakly sericitized	9687	75-78'6"	Tr.			
		granodiorite, minor pyrite as very fine						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 4 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		disseminated grains; from 78'5" to 80' light						
		greenish-grey, moderately to strongly silicified						
		granodiorite, up to ½% pyrite locally, this rock						
		is almost totally silica in places, pyrite as very						
		fine grains and stringers @ 75 to 85° to core axis.						
80-85	0	From 80' to 84' pale green to buff, silicified						
		granodiorite, this section is moderately to strongly						
		sericitized in places; foliation at 65 to 80° to	9688	78.5-84	Tr.			
		core axis, quartz vein (1 inch wide) at 81'6" with						
		associated pyrite, up to 1% pyrite locally;	9689	84-88	Tr.			
		from 84' to 85', medium grained, porphyritic						
		granodiorite, trace of pyrite.						
85-90	0	Light grey-green, medium to fine grained,						
		porphyritic granodiorite, this grades into a						
		orange buff colored quartz monzonite at the end of						
		section; within the granodiorite there are zones						
		that are weakly sericitic and silicified, minor						
		pyrite throughout section.						
90-95	0	Orange buff, medium to fine grained, porphyritic,						
		quartz monzonite, contains 7 to 10 biotite coated						
		rehealed fractures, minor pyrite.						
95-100	0	Similar to last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 5 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
100-105	0	Similar to last section - grading into a fresh						
		porphyritic granodiorite, minor pyrite.						
105-110	0	Similar grey, medium to fine grained, porphyritic						
		granodiorite, minor pyrite as blebs and very fine						
		stringers; ¼ inch quartz vein at 108'3", barren,						
		at ~20° to core axis.						
110-115	0	Grey to orange buff, medium to fine grained,						
		porphyritic granodiorite; at 110'8" fault?,						
		at 111'9" to 112'2" rock broken, fractures - fault?,						
		minor pyrite in section.						
115-120	0	Similar grey to orange buff medium to fine grained,						
		porphyritic granodiorite, trace of pyrite.						
120-125	0	Grey, relatively fresh, medium to fine grained,						
		porphyritic granodiorite, trace of pyrite.						
125-130	0	Similar to last section.						
130-135	0	Similar to last section, several biotite-pyrite						
		coated fractures, barren quartz vein at 131'6"						
		@ 45° to core axis.						
135-140	0	Grey, medium to fine grained, porphyritic grano-						
		diorite, minor pyrite as blebs.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 6 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
140-145	0	Grey to orange buff colored, medium to fine grained,						
		porphyritic granodiorite, minor pyrite.						
145-150	0	Similar to last section.						
150-155	0	Similar grey, medium to fine grained porphyritic						
		granodiorite, minor pyrite as disseminated blebs.						
155-160	0	Similar to last section.						
160-165	0	Similar to last section.						
165-170	0	Similar grey, medium to fine grained, porphyritic						
		granodiorite, minor pyrite, several biotite coated						
		fractures.						
170-175	0	Grey to orange brown, medium to fine grained,						
		porphyritic granodiorite, several rehealed biotite						
		coated fractures with associated pyrite.						
175-180	0	Similar to last section, stringers of pyrite (2) at						
		30° to core axis.						
180-185	0	Similar to last section.						
185-190	0	Similar grey to orange brown, medium to fine grained						
		porphyritic granodiorite (to quartz monzonite),						
		trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 7 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
190-195	0	Similar grey to orange brown, porphyritic granodiorite,						
		minor pyrite as scattered blebs.						
195-200	0	Similar to last section, with stringers of pyrite						
		at 70-75° to core axis.						
200-205	0	Similar to last section, several rehealed biotite						
		coated fractures with associated pyrite.						
205-210	0	Similar to last section.						
210-214	0	From 210' to 211'1" similar orange brown medium						
		grained, porphyritic granodiorite, trace of pyrite;						
		from 211'1" to 212'11" moderately to strongly	9700	211-213	Nil			
		silicified and sericitized, foliated granodiorite,						
		foliation @ 45° to core axis, up to 1% pyrite as						
		very fine grains; from 212'11" to 214' porphyritic						
		granodiorite.						
214-218.5	0	Orange-brown to grey, medium to fine grained,						
		porphyritic granodiorite, minor pyrite, several						
		chlorite coated fractures with associated pyrite.						
218.5-225	0	Orange-brown to grey-brown, medium to fine grained						
		porphyritic granodiorite (or quartz monzonite),						
		trace of pyrite; from 222'4" to 223' moderately						
		silicified and weakly sericitized granodiorite,						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 8 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		several stringers of pyrite in this section; from						
		223' to 225' several weak zones of silicification.	9701	222-226	Tr.			
225-230	0	Similar, medium grained to fine grained, porphyritic						
		granodiorite, the first 6" of section slightly						
		foliated, minor pyrite.						
230-235	0	Medium grained to fine grained, grey to orange buff						
		grey, porphyritic granodiorite, several rehealed						
		biotite coated fractures with minor pyrite.						
Drill Core -								
mistake in numbering								
5' less than in box -								
NOW CORRECTED.								
235-240	0	Similar to last section, no pyrite.						
240-245	0	Similar to last section, trace of pyrite.						
245-250	0	From 245' to 245'11" similar fresh, medium to fine						
		grained, porphyritic granodiorite from 245'11" to						
		250', section is weakly chloritized, silicified and	9702	245-250	Tr.			
		sericitized in places, becoming fresher in last						
		10" of section, minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 9 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
250-255	0	Grey to orange-buff grey, medium to fine grained						
		porphyritic granodiorite, this section contains up to						
		1% pyrite locally as disseminated blebs or around	9703	250-256	Nil			
		rehealed biotite coated fractures and several very						
		fine quartz stringers.						
255-260	0	From 255' to 256'2" similar to last section with						
		4 rehealed biotite-pyrite coated rehealed fractures						
		@ 30 to 40° to core axis, minor pyrite; from 256'2"						
		to 260'red-brown, medium to fine grained, porphyritic						
		granodiorite, trace of pyrite.						
260-265	0	Similar orange-brown, medium to fine grained,						
		porphyritic, slightly sericitic in places,						
		granodiorite (or quartz monzonite), minor pyrite,						
		primarily on fracture surfaces.						
265-270	0	Orange-brown to grey, medium grained to fine grained						
		porphyritic granodiorite, weakly sericitic in places,						
		trace of pyrite.						
270-275	0	Grey, medium to fine grained, porphyritic granodiorite,						
		at least 7 calcite stringers @ 45 - 50° to core						
		axis, trace of pyrite.						
275-280	0	Grey, medium to fine grained, porphyritic granodiorite,						
		2 rehealed biotite coated fractures, associated pyrite						
		with these fractures.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 10 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
280-285	0	Similar to last section; at 282'10" to 283'2"						
		weakly silicified section, with trace of pyrite.						
285-290	0	Red-brown to grey medium to fine grained porphyritic						
		granodiorite, minor pyrite as stringers and blebs,						
		several stringers of calcite @ 45° to core axis.						
290-295	0	Similar to last section, several pyrite coated						
		fractures, plus several rehealed biotite coated						
		fractures, hematite staining on one fracture surface.						
295-300	0	From 295' to 298'5" similar to last section; from						
		298'5" to 300' grey-green andesite dyke, trace						
		of pyrite.						
300-305	0	Grey-green, andesite dyke, trace of pyrite.						
305-310	0	From 305' to 309'3" similar to last section, from						
		309'3" to 310' grey, medium to fine grained						
		granodiorite, trace of pyrite.						
310-315	0	Grey to pinish grey, medium to fine grained, porphyritic						
		granodiorite to quartz monzonite, trace of pyrite.						
315-320	0	Similar to last section, minor pyrite as blebs and						
		stringers.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 11 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
320-325	0	Similar to last section.						
325-330	0	From 325' to 327' pinkish grey porphyritic grano-						
		diorite, with several irregular stringers or clots of						
		pinkish cherty material, containing 2-3% pyrite;	9732	325-327	Tr.			
		from 327' to 329'6" greenish-grey andesite dyke;						
		329'6" to 330' pinkish-grey, porphyritic granodiorite.						
330-335	0	Pinkish grey, porphyritic granodiorite, with 15-20%						
		stringers of pinkish grey cherty silica, 2-3% pyrite	9733	330-335	.02			
		as scattered grains and thin stringers, some along						
		fractures @ 60 to 70° to core axis.						
335-340	0	Pinkish-grey, porphyritic granodiorite, 1% pyrite						
		in the first 2 foot section, primarily on fractures						
		or in stringers at 60-75° to core axis.						
340-345	0	Similar to last section, weak hematite staining						
		prominent, minor pyrite.						
345-350	0	Similar orange red to pinkish grey, porphyritic	9734	345-350	Tr.			
		granodiorite, 1-2% pyrite locally on fractures or						
		as lenses of fine grained material.						
350-355	0	Similar to last section, minor clots of pinkish	9735	350-355	Tr.			
		cherty material 1% pyrite, primarily as fracture						
		coatings.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 12 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
355-360	0	Similar to last section, weakly sericitic and						
		silicified in part, minor pyrite - up to 1% pyrite						
		locally.						
360-365	0	Primarily grey, porphyritic granodiorite, minor						
		pyrite on fractures.						
365-370	0	Grey to pinkish grey, porphyritic granodiorite,						
		1-2% pyrite as stringers along fractures at	9736	365-370	Nil			
		70° to core axis.						
370-375	0	Green-grey, to pinkish grey, porphyritic granodiorite,						
		weakly sericitic, trace of pyrite.						
375-380	0	Pinkish-grey, porphyritic granodiorite, two narrow						
		(¼ inch) quartz veins with tourmaline needles,						
		@ 30° to core axis; trace of pyrite.						
380-385	0	Relatively fresh, grey, porphyritic granodiorite.						
385-390	0	Similar to last section.						
390-395	0	Similar to last section, up to 1% pyrite as stringers						
		associated with sericitic fractures at 70° to core						
		axis.						
395-400	0	Similar to last section, no pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 13 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
400-405	0	Grey to pinkish-grey, porphyritic granodiorite	9737	402-405	Nil			
		with 2-3% pyrite in the last 3 foot section.						
405-410	0	Pinkish-grey, porphyritic granodiorite, minor						
		pyrite on fractures.						
410-415	0	Similar, pinkish-grey, porphyritic, granodiorite,						
		with a 14" zone between 412-413'2" of red brown fine						
		grained dense cherty material with 1-2% pyrite -	9738	412-417	Nil			
		this zone cuts the rock at 70° to core axis and						
		at 412'2" a ½ inch quartz vein, barren, at 30° to						
		core axis. NOTE: cross cuts the cherty material.						
		From 413.5' to 415' - 1-2% pyrite on fractures						
		@ 70° to core axis.						
415-420	0	Primarily pinkish-grey, porphyritic granodiorite,						
		up to 1% pyrite in the first 2 foot section.						
420-425	0	Pinkish-grey granodiorite, 6-10% pyrite, primarily	9739	420-425	Tr.			
		as stringers and lenses @ 50-70° to core axis;						
		ocaasional irregular clots of red brown fine						
		grained cherty material.						
425-430	0	Pinkish grey, porphyritic granodiorite, with 5-7%						
		pyrite in the first 2½ foot section, primarily as	9740	425-428	Nil			
		small stringers and segregations @ 60° to the core						
		axis; at 427'2" a 1½ inch wide band or vein of the						
		pinkish-red fine grained dense cherty material.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 14 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
430-435	0	Similar pink to red grey, porphyritic granodiorite,						
		minor pyrite on fractures.						
435-440	0	Similar to last section; ½ inch barren quartz vein						
		at 437'8" @ 20° to core axis.						
440-445	0	Primarily pinkish-grey, porphyritic granodiorite,						
		trace of pyrite.						
445-450	0	Primarily grey hybrid porphyritic granodiorite,						
		(partly digested xenolith of greenstone),						
		trace of pyrite.						
450-455	0	Similar to last section.						
455-460	0	Similar to last section; @ 457' a 3" wide zone of						
		bleaching and fault gouge.						
460-465	0	Pinkish red to grey, porphyritic granodiorite,						
		hematite staining common, from 460-461', 464-465'.						
465-470	0	Pinkish-red to grey, porphyritic granodiorite,						
		no pyrite.						
470-475	0	Simlar to last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-19 SHEET No. 15 of 15

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
475-480	0	Similar to last section; @ 475'10" a ½ inch quartz						
		vein, barren, @ 30° to core axis.						
480-485	0	From 480' to 482'3" similar to last section; from						
		482'3" to 485' hybrid xenolith of greenstone-						
		granodiorite, no pyrite.						
485-490	0	Grey, hybrid, porphyritic granodiorite-greenstone,						
		no pyrite; at 489'8" a ½ inch quartz vein with						
		? tourmaline or biotite at 30° to core axis.						
490-495	0	Similar to last section.						
495-500	0	Similar to last section.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-20 SHEET No. 2 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
47-57	0	Red-grey to dark grey, foliated, porphyritic						
		granodiorite, foliation is not consistent throughout						
		section, but in zones; foliation at ~ 30-40° to	9691	47-52	.01			
		core axis, section contains 5 lenses of pyrite up to						
		¼ inch wide, trace of chalcopyrite; several stringers	9692	52-57	.06			
		of calcite and quartz with associated pyrite, plus						
		several rehealed chlorite - biotite coated						
		fractures, parallel to foliation.						
57-67	0	Dark greenish-grey, medium grained, porphyritic						
		granodiorite, slightly foliated in first 2½ feet of	9693	57-62	.04			
		section; at least 10 calcite veins and/or stringers						
		in section with associated pyrite, up to 1% pyrite	9694	62-67	Tr.			
		locally as stringers and blebs.						
67-77	0	Dark grey to green-grey, medium to fine grained,						
		porphyritic, hybrid basalt-granodiorite, 2 small						
		(< ¼ inch) quartz veins, barren, @ 85° to core axis;						
		one ¼ inch quartz vein at 76'7", @ ~ 25° to core						
		axis, associated pyrite, minor pyrite throughout						
		section.						
77-87	0	Dark grey-orange buff grey, medium to fine grained,						
		porphyritic granodiorite, quartz vein at 78'6"						
		~ ¼ inch wide, with black mineral associated with it,						
		biotite or tourmaline, vein running at 85° to core						
		axis, minor pyrite in section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-20 SHEET No. 3 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
87-97	0	Grey to orange-grey, medium grained, porphyritic						
		hybrid basalt-granodiorite, several zones of fractured						
		and broken rock at 90'6" to 90'10", 91'9" to 92'3",						
		and 92'10" to 93', minor pyrite on fracture surfaces.						
97-107	0	Similar to last section, with several stringers of						
		calcite and associated pyrite towards the end of						
		section, stringers @ 20° to core axis.						
107-117	0	Similar grey to orange grey, medium grained,						
		porphyritic hybrid basalt granodiorite, euhedral						
		potash-feldspar phenocrysts up to 1½ inches						
		prominent in this section, minor pyrite as stringers						
		and on fracture surfaces, 3 to 4 noticably bleached						
		fractures.						
117-127	0	Similar, grey to orange grey (hematite stained)						
		medium grained, porphyritic granodiorite, several						
		¼ inch veins of calcite at 35 to 45° to core axis,						
		trace of pyrite.						
127-137	0	Similar to last section, trace of pyrite.						
137-147	0	Similar to last section, several bleached fracture						
		zones.						
147-157	0	Similar to last section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-20 SHEET No. 4 of 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T			
157-167	0	Similar, grey to orange-grey (hematite stained),						
		porphyritic, hybrid granodiorite, rock is weakly						
		foliated towards end of section with accompanying						
		minor pyrite, there are several zones of broken						
		and fractured rock plus 3 to 4 bleached fractures.						
167-177	0	From 167' to 167'11" foliated and weakly silicified,						
		with several calcite veins and one quartz vein,						
		orange-brown hybrid granodiorite, minor pyrite,	9695	166.5-169	Nil			
		foliation at 45° to core axis; from 167'11" to 177'						
		orange-brown, medium grained, porphyritic granodiorite,						
		from 173'6" to 177' rock is broken and fractured,						
		minor pyrite.						
177-187	0	Similar dark grey to orange-brown, medium to fine						
		grained, porphyritic hybrid basalt-granodiorite;	9696	185.5-189.5	Nil			
		at 186' quartz vein with ? tourmaline and associated						
		pyrite, vein is ~¼ inch wide @ 80 - 85° to core axis,						
		approximately 1% pyrite here.						
187-197	0	From 187' to 194'3" dark grey to orange-brown,						
		medium grained, porphyritic hybrid granodiorite,	9697	189.5-194	Tr.			
		several stringers of pyrite @ 70° to core axis, the						
		fracture zones are quite oxidized in this section;						
		from 194'3" to 197' fractured and highly oxidized						
		red-brown hybrid granodiorite, up to 1% pyrite locally.						

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PROPERTY HIGH LAKE HOLE No. SC-86-20 SHEET No. 5 of 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
197-207	0	From 197' to 198'3" red-brown, highly fractured						
		and oxidized hybrid granodiorite, minor pyrite on	9698	194-198	.01			
		fracture surfaces; from 198'3" to 207' red-brown						
		to dark grey, medium grained, porphyritic,	9699	198-202	.01			
		hybrid granodiorite, minor pyrite as stringers and						
		on fractures.						
207-218	0	Red-brown to grey-brown, medium grained, porphyritic,						
		hybrid basalt-granodiorite, minor pyrite, 6 to 10						
		calcite stringers @ 45° to 70° to core axis.						
		End of hole.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 362 ft.
% Recovery
Elev. Collar
Latitude 7+00 NW
Departure 32+00 NE

Sheet No. 1 of 10
Logged by M. E. Dawson
Date Begun March 4/86
Date Finished March 6/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.
		Hole cased to 6 feet.			
6-17	60"	Dark green to black, dense, unfoliated meta-basalt, numerous stringers of calcite at various angles to core axis, minor pyrite as disseminated grains, this meta-basalt is slightly contaminated by intrusive material inplaces, also vuggy in places.			
17-27	0	Primarily a dark green to black, dense, meta-basalt in part, this meta-basalt is slightly foliated and approaching a HBC schist, also intrusive material within zones of this section give it the appearance of a hybrid granodiorite-basalt; calcite veins (at least 20) less than ¼ inch are primarily @ 45° to core axis, several small quartz veins < ¼ inch have similar orientation, calcite is also associated with these veins as well as a black mineral ? tourmaline; pyrite up to 10% locally in this section as fine grained disseminations and stringers.	9704	17-22	Tr.
			9705	22-27	Nil

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 2 of 1[illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
27-37	0	From 27' to 33'3" primarily dark green to black,						
		meta-basalt to hybrid granodiorite-basalt, weakly						
		chloritized; from 29'4" to 30'4" moderately	9706	27-30.5	Tr.			
		chloritized and foliated hybrid granodiorite-basalt,						
		foliation at 45 to 50° to core axis; this section						
		is also weakly sericitized, pyrite up to 1% as fine						
		grained disseminations and stringers; in section						
		27' to 33'8" pyrite up to 5% locally as stringers and						
		disseminated blebs, ¼ inch quartz vein with calcite	9707	30.5-33.5	Nil			
		and pyrite at 32'9", quartz vein at 30° to core axis;						
		from 33'5" to 37' dark grey with reddish tinge,						
		weakly chloritized and sericitic, hybrid granodiorite-						
		basalt, minor pyrite.						
37-47	0	From 37' to 43'9" dark brown to orange-brown,						
		very fine grained, hybrid granodiorite-basalt, minor						
		pyrite on fracture surfaces; from 43'9" to 47' red-						
		brown, medium to fine grained, slightly porphyritic,						
		quartz monzonite, epidote common here on fracture						
		surfaces, trace of pyrite associated with several						
		calcite stringers.						
47-57	6" of	From 47' to 55' orange-brown, medium to fine grained,						
	extra core	porphyritic, quartz monzonite, this section has						
		several hematite fractured zones, vuggy in places,						
		trace of pyrite, quartz eyes common towards the	9708	52-57	Nil			
		end of section, from 52' to 55' the amount of pyrite						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 3 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		increases, up to 5% locally as fine grained						
		disseminations and very fine stringers @ 30-35° to						
		core axis; from 55' to 57' grey, medium grained						
		porphyritic, hybrid granodiorite, 5 to 7% pyrite as						
		fine grained stringers and blebs.						
57-67	0	Grey to red-brown, medium grained, porphyritic,						
		slightly foliated, hybrid granodiorite to quartz						
		monzonite, (Note: hematite staining accounts for						
		some of the red coloration); minor foliation at						
		50-60° to core axis; at least 3 bleached fracture	9709	57-62	.01			
		zones, pyrite up to 7% locally as blebs and						
		stringers and on fracture surfaces.	9710	62-67	Tr.			
67-77	0	From 67' to 71'5" grey to orange-grey, medium grained						
		slightly porphyritic, weakly foliated and silicified						
		in places, granodiorite, foliation occurs at 40° to	9711	67-71.5	.01			
		core axis, three vuggy bleached fracture zones,						
		minor pyrite as stringers (parallel to foliation)						
		and blebs; from 71'5" to 77' medium to fine grained,						
		grey to pinkish grey, porphyritic, hybrid granodiorite;						
		at 75' to 75'2" rock is bleached and vuggy; from						
		75'2" to 77' similar rock but pyrite content						
		increases up to 2% locally.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 4 of 1

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
77-87	0	Grey to orange-grey, medium to fine grained,						
		porphyritic, relatively fresh, hybrid basalt-	9712	77-82	Nil			
		granodiorite, weakly sericitic and chloritic in places;						
		at 79'6" to 79'7.5" basaltic dyke with approximately						
		25% pyrite, pyrite throughout section occurs as	9713	82-87	.08			
		blebs, stringers (at 45° to core axis), and at 86'5"						
		a ½ inch lense of pyrite.						
87-97	0	Grey to dark grey, medium grained, porphyritic,						
		hybrid basalt-granodiorite, weakly chloritized and	9714	87-92	.01			
		sericitic, stringers and lenses of pyrite throughout						
		section at 60-65° to core axis, up to 3 lenses of						
		pyrite ~½ inch wide, ~5% pyrite in section;	9715	92-97	.05			
		quartz veins at 98'8", 99'1" and 99'3", all < ½ inch						
		wide up to 20% pyrite, minor chalcopyrite, veins at						
		60 - 70° to core axis.						
97-107	0	Dark grey to brown grey, medium to fine grained,						
		porphyritic, hybrid basalt-granodiorite, pyrite up	9716	97-103	.01			
		to 15 - 25% locally as stringers and blebs, also						
		3 lenses up to ¼ inch wide, minor chalcopyrite;	9717	103-105	.10			
		from 103'8" to 104'3" zone of moderately silicified						
		and foliated rock, up to 25% pyrite, 2% chalcopyrite.	9718	105-107	.07			
107-117	0	Grey to dark grey, medium to fine grained, porphyritic,						
		hybrid basalt-granodiorite, section is weakly						
		chloritized and sericitic in places, pyrite up to	9719	107-112	Tr.			

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 5 of 10

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		15% locally as stringers (@ 60 - 70° to core axis),						
		blebs and several small lenses > ¼ inch, many very	9720	112-117	.04			
		fine stringers of quartz with accompanying pyrite.						
117-127	0	Grey to dark grey, medium to fine grained, porphyritic	9951	117-122	.02			
		hybrid basalt-granodiorite, minor pyrite as blebs						
		and stringers.	9952	122-127	.01			
127-137	0	Grey to dark grey, medium to fine grained, porphyritic						
		granodiorite, 3 to 5% pyrite locally as stringers,	9721	127-132	.09			
		blebs and on fracture surfaces; at 128' quartz vein						
		< ¼ inch @ 60° to core axis; at 128'5" a 1 inch	9722	132-137	.01			
		quartz vein at 70 - 75° to core axis, ~60% pyrite,						
		several other small quartz veins @ ~70° to core						
		axis (at least 7) with > 50% pyrite.						
137-147	0	Dark grey to green-grey, medium to fine grained,						
		fresh, porphyritic, hybrid granodiorite, minor						
		pyrite as stringers and blebs, ¼ inch quartz vein						
		at 145'2", trace of pyrite.						
147-157	0	Grey to orange buff grey, medium to fine grained,	9723	154-159	Tr.			
		porphyritic granodiorite, last five feet of section						
		contains blebs and stringers of pyrite up to 2%						
		locally.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 6 of [redacted]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
157-167	0	Orange buff grey to grey, medium to fine grained,						
		porphyritic granodiorite, weakly sericitized in places,						
		minor pyrite with up to ½% pyrite locally as stringers						
		(55-60° to core axis) and disseminated blebs.						
167-177	0	Medium to fine grained, porphyritic, grey to dark						
		grey granodiorite, trace of pyrite.						
177-187	0	Similar to last section, weakly sericitic in places,						
		trace of pyrite.						
187-197	0	From 187' to 195'8" similar to last section, mildly						
		foliated in places, barren quartz vein at 187'4",						
		~ ½ inch wide, barren quartz at 188'6", ~½ inch						
		wide, biotite crystals associated with both veins;						
		from 195'8" to 196'1" basaltic dyke; from 196'1" to						
		197' dark green to black, hybrid basalt granodiorite,						
		contains several quartz stringers and is weakly						
		chloritized and foliated; foliation @ 70° to core axis.						
197-207	0	Dark green to black, dense, meta-basalt, stringers of						
		calcite throughout section, primarily at 35-40° to						
		core axis, minor pyrite as fine disseminated grains;						
		from 197' to 197'7" foliated, chloritized and						
		silicified, meta-basalt, trace of pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 7 of [illegible]

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
207-217	0	From 207' to 212' dark green to black, meta-basalt to						
		grey hybrid basalt-granodiorite, this section blends						
		in and out of these two rock types, the meta-basalt						
		is foliated in places approaching HBC schist.						
		Calcite vein at 208'6", ~ 1½ inches wide, has quartz						
		surrounding it, with accompanying pyrite and						
		pyrrhotite @ 40° to core axis; pyrite up to 3% in						
		this section; from 212' to 217' dark green to black	9724	207-217	Tr.			
		meta-basalt to HBC schist, foliation at 30-40° to						
		core axis; this section contains three quartz veins						
		that have associated calcite, quartz veins up to	9725	212-217	Tr.			
		½ inch wide, pyrite in this section up to 20% locally						
		biotite associated with these veins, trace of						
		pyrrhotite, veins @ 40° to core axis.						
217-227	0	Dark green to black, dense, foliated, meta-basalt,						
		this section has zones which are contaminated by						
		intrusive material; from 225'2" to 226'6" could be	9726	217-222	Tr.			
		classed as a hybrid basalt-granodiorite; from 219'6"						
		to 221' section which is extremely foliated and						
		chloritized; foliation at 30° to core axis; pyrite	9727	222-227	Nil			
		up to 7% in this section as very fine grained						
		disseminations, blebs and stringers (parallel to						
		foliation).						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 8 of 1

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
227-237	0	Dark green to black, relatively dense, foliated,						
		hybrid granodiorite-basalt, foliation @~45° to						
		core axis, pyrite up to 5% in this section, pyrite as	9728	227-232	Tr.			
		very fine disseminated grains and blebs.	9729	232-237	Tr.			
237-247	0	Dark grey to black, fine grained, feldspar porphyry,						
		contains a few small rounded xenoliths up to 2 inches						
		in diameter, weakly foliated in part, ~ 1% pyrite,						
		two narrow quartz veins at 30° to core axis which						
		contain biotite and/or tourmaline at the vein margins.						
		NOTE: this rock could be younger intrusive phase						
		or a more siliceous volcanic rock; might extend						
		backward to 197'.						
247-257	0	Similar to last section, 2-4% pyrite as small						
		disseminated grains and stringers.	9730	247-252	Nil			
257-267	0	Similar dark grey to black, hybrid feldspar porphyry,						
		up to 1% pyrite locally.						
267-277	0	Similar dark grey, feldspar porphyry, up to 1%						
		pyrite as disseminated grains and small blebs, minor						
		pyrrhotite in one narrow quartz stringer.						
277-287	0	Similar to last section, minor pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 9 of [illegible]0

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
287-297	0	From 287' to 287'1" similar dark, fine grained,						
		porphyritic material, contact with porphyry at						
		45° to core axis; from 287'1" to 297' dark greenish-						
		grey, hybrid porphyritic granodiorite, two 6 to 8"						
		zones of weakly silicified rock, with 1-2% pyrite,						
		trace of pyrrhotite; at 288'10" to 289'4" and						
		295'11" to 296'5", these zones display a banding						
		about 60° to core axis.						
297-307	0	Green-grey to pinkish-grey, typical hybrid						
		porphyritic granodiorite, with scattered, coarse						
		euhedral potash-feldspar crystals; trace of pyrite.						
307-317	0	From 307' to 313'10" similar green-grey, porphyritic						
		hybrid granodiorite; from 313'10" to 317' green-grey						
		weakly to moderately sericitic granodiorite, one						
		three-inch zone of pale green quartz-eye sericite						
		schist, foliation at 60° to core axis; trace of pyrite.						
317-327	0	From 317' to 322' dark green-grey porphyritic						
		hybrid granodiorite; from 322' to 327' green-grey to						
		pale green weakly foliated granodiorite, with	9731	322-327	Tr.			
		two 1-foot long sections of intensely foliated						
		quartz-eye sericite schist with a trace of pyrite.						
327-337	0	Green-grey, porphyritic granodiorite, weakly to						
		moderately sericitized and foliated in part; no pyrite.						

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PROPERTY HIGH LAKE HOLE No. SC-86-21 SHEET No. 10 of 10

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
337-347	0	Similar to last section; from 345'8" to 346'4"						
		section bleached and weak limonite stained.						
347-357	0	Similar green-grey, porphyritic granodiorite, two						
		small zones of weak to moderate sericitization and						
		silicification; some hematite staining on fractures,						
		pyrite locally to 1%.						
357-362	0	Similar porphyritic, hybrid granodiorite.						
		End of Hole.						

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Kamloops, B.C.
Phone 374-0544

PROPERTY HIGH LAKE HOLE No. SC-86-22

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size NQ
Angle of Hole -45°
Claim
Section
Bearing 152° T

Total Depth 346 ft.
% Recovery
Elev. Collar
Latitude 14+05 NW
Departure 26+00 NE

Sheet No. 1 of 6
Logged by M. E. Dawson
Date Begun March 7/86
Date Finished March 10/86
Core Stored at Property

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
		Hole cased to 7 feet.						
7-17	4"	Fairly fresh, dark grey to black, porphyritic, hybrid granodiorite, pink euhedral orthoclase crystals to 1½ inches long, no pyrite.						
17-27	0	Similar to last section						
27-37	0	Similar to last section						
37-47	0	Similar to last section, minor pyrite as scattered grains along rehealed biotite coated fractures.						
47-57	0	Similar to last section, minor pyrite associated with one narrow quartz filled tension gash.						
57-67	0	Similar to last section, 9" wide zone from 57'7" to 58'4" which is a bleached zone, containing several narrow quartz filled tension fractures with blebs of pyrite and chalcopyrite, stringers are at 85° to core axis as well as at 0°. NOTE: chalcopyrite is deposited on the stringers running down core axis.						

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PROPERTY HIGH LAKE HOLE No. SC-86-22 SHEET No. 2 of 6

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
67-77	0	Similar to last section, minor pyrite associated with						
		three hairline quartz filled fractures at 80° to core						
		axis.						
77-87	0	Similar granodiorite, minor bleaching and hematite						
		staining occur in last foot of section.						
87-97	0	Similar granodiorite, with an increasing number of						
		bleached biotite coated fractures, which sometimes						
		contain minor pyrite, these fractures are at						
		predominantly 70-80° to core axis, minor hematite						
		staining on some fractures.						
97-104	10"	Similar porphyritic granodiorite, bleaching along						
		a number of fractures, trace of pyrite as small						
		disseminated grains.						
104-107	0.	Similar to last section, trace of pyrite along						
		several fractures.						
107-117	0	From 107' to 109' similar granodiorite, highly	9749	114-118	Tr.			
		fractured and broken core; from 109' to 117' grey						
		brown to red brown, weakly silicified granodiorite;						
		from 114.5' to 116' zone of weak brecciation and						
		veining by quartz lenses and stringers, pyrite						
		makes up about 5% of this section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-22 SHEET No. 3 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au oz/T.			
117-127	0	From 117' to 119.5' dark grey to red brown, hematite						
		stained porphyritic granodiorite, minor pyrite along						
		fractures; from 119.5' to 127' dark red brown to						
		black, porphyritic hybrid granodiorite; in the last						
		1½ foot section, several bleached fractures with						
		limonite, one prominent fracture is orientated at						
		10^{o} to core axis.						
127-137	0	Similar dark grey to black, granodiorite, frequent						
		bleaching along a set of fractures which cut the						
		core axis @ $\sim 15^{o}$, no pyrite.						
137-147	0	Similar porphyritic granodiorite, minor bleaching						
		and hematite staining, trace of pyrite on fractures.						
147-157	0	Similar granodiorite with scattered zones of						
		bleaching and hematite staining; from 149' to 152'	9750	148-153	Tr.			
		zone of brecciation and veining with pyrite and						
		hematite, some banded hematite, calcite veins at						
		70^{o} to core axis, this is also orientation of most						
		pyrite and/or hematite veins, 10-15% pyrite,						
		3-5% hematite.						
157-167	0	Dark red brown to black, similar porphyritic						
		granodiorite, fairly extensive zones of broken and						
		fractured core, however no significant alteration,						
		no visible sulphides.						

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PROPERTY HIGH LAKE HOLE No. SC-86-22 SHEET No. 4 of 6

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
167-177	0	Similar to last section, no sulphides.						
177-187	0	Similar to last section, extensive fracturing and						
		fault gouge in last 2 feet of section, no sulphides						
		visible.						
187-197	0	Red brown to grey, porphyritic granodiorite, weakly						
		sericitized in first half of section, also several						
		hematite coated fractures and broken rock, trace						
		of pyrite.						
197-207	0	Medium to fine grained, porphyritic, grey to dark						
		grey, hybrid granodiorite, weakly sericitized in						
		places, barren ½ inch quartz vein at 205.5' running						
		at 10° to core axis, no pyrite.						
207-217	0	Similar to last section, trace of pyrite.						
217-227	0	Similar grey to dark grey, medium to fine grained,						
		porphyritic granodiorite, several rehealed biotite						
		coated fractures, minor pyrite on fracture surfaces.						
227-237	0	Similar, orange-grey to dark grey, porphyritic,						
		hybrid granodiorite, weakly sericitized, trace of						
		pyrite, fractured and broken rock from 233'8" to						
		234'6".						

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PROPERTY HIGH LAKE HOLE No. SC-86-22 SHEET No. 5 of 6

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
237-247	0	Similar porphyritic hybrid granodiorite, weakly						
		sericitized in places, trace of pyrite, barren ¼ inch						
		quartz vein with ? tourmaline at 246.5', @ 10° to						
		core axis.						
247-257	0	Similar to last section, no visible pyrite.						
257-267	0	Similar to last section; from 261'6" to 262'8" zone						
		of moderately silicified and sericitized granodiorite,						
		no pyrite; at 265'2" ½ inch quartz vein, barren,						
		with ? tourmaline, @25° to core axis.						
267-277	0	Similar grey to dark grey, medium to fine grained,						
		porphyritic granodiorite, weakly sericitized in						
		places, no pyrite visible.						
277-287	0	Similar to last section; ½ inch quartz vein at 279'6"						
		with minor pyrite, cut core axis at 20-25°; black						
		mineral associated with quartz vein ? tourmaline or						
		biotite, ¼ inch barren quartz vein at 281', @ 75-80°						
		to core axis, minor pyrite on several rehealed						
		biotite coated fracture surfaces.						
287-297	0	Similar grey to orange brown, medium to fine grained,						
		porphyritic granodiorite, minor pyrite on several						
		quartz stringers and rehealed biotite coated						
		fractures in first 2 feet of section.						

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PROPERTY HIGH LAKE HOLE No. SC-86-22 SHEET No. 6 of

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
297-307	0	Similar to last section, barren quartz vein @ 35° to						
		core axis; at 303'2" black mineral ? tourmaline						
		associated with vein, minor pyrite on several						
		fracture surfaces.						
307-317	0	Similar orange brown to grey, medium to fine grained,						
		porphyritic granodiorite, no visible pyrite.						
317-327	0	Similar hematite stained, porphyritic, hybrid						
		granodiorite, minor pyrite on several fracture						
		surfaces.						
327-336	0	From 327' to 332'5" similar to last section; from						
		332'5" to 336' buff grey weakly silicified						
		granodiorite, no pyrite in section.						
336-346	0	Buff grey to orange brown to grey, porphyritic						
		granodiorite, first two feet of section weakly						
		silicified, no pyrite; quartz vein at 338'5"						
		@ 10° to core axis, trace of pyrite with this vein,						
		several rehealed biotite coated fractures (with						
		minor pyrite) towards end of section.						
		End of hole.						

APPENDIX B

REFERENCES

REFERENCES

Davies, J. C. (1965): Geology of the High Lake-Rush Bay Area, District of Kenora; Ontario Department of Mines, Geological Report No. 41.

Wyslouzil, D. M. et al (1983): An Investigation of the Recovery of Gold from High Lake Samples; Private report to Barrier Reef Resources Ltd. by Lakefield Research of Canada.

Forsgren, F. M. (1982): Report of Field Activities - Electrum Group; Kenora Mining Division, Ontario; Private report to Sherritt Gordon Mines Ltd.

Telsley, J. E. (1983): Various Plans and Sections of Drill Holes on A, B and C Zones, High Lake Property.

Longe, R. (1983): Various files on Previous Work by San Antonio Gold Mines and Electrum Lake Gold Mines on the High Lake Property.

Blackburn, C. E. (1983): Various files of District Office, Ministry of Natural Resources, Kenora, Ontario.

Dawson, J. M. (1983): Geological, Geochemical and Geophysical Report on the High Lake Property, Kenora Mining Division, Ontario; Private report to Barrier Reef Resources Ltd.

APPENDIX C

WRITER'S CERTIFICATE

JAMES M. DAWSON, P. ENG.
Geological Engineer

#102 - 310 NICOLA STREET • KAMLOOPS, B.C. V2C 2P5 • TELEPHONE (604) 374-0544

C E R T I F I C A T E

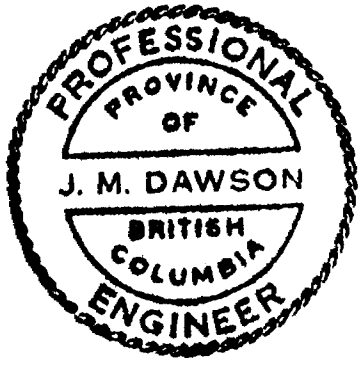
I, JAMES M. DAWSON of Kamloops, British Columbia, do hereby certify that:

(1) I am a geologist employed by Dawson Geological Consultants Ltd., 102 - 310 Nicola Street, Kamloops, B. C.

(2) I am a graduate of the Memorial University of Newfoundland, B. Sc. (1960), M. Sc. (1963), a fellow of the Geological Association of Canada and a member of the Association of Professional Engineers of B. C. I have practised my profession for 22 years.

(3) I am the author of this report which is based on a diamond drilling programme on the High Lake property carried out under my supervision as well as various published and unpublished data on previous work.

(4) I have no direct or indirect interest in the property discussed in this report or in the securities of Calnor Resources Ltd. nor do I expect to receive any.



DAWSON GEOLOGICAL CONSULTANTS LTD.,

James M. Dawson

James M. Dawson, P. Eng.
Geologist.

Kamloops, B. C.

March 31, 1986.

Ministry of Northern Development and Mines
Ontario

assess files

Report of Work

EWART TWP
#155-86

Mini

52E11NE9222 33 EWART

900

Name and Postal Address of Recorded Holder
Gladys Stephens
1279 Highway 17 E Kenora Ont. P9N 1L9

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: *230*

for Performance of the following work. (Check one only)

- [ ] Manual Work
- [ ] Shaft Sinking Drifting or other Lateral Work.
- [ ] Compressed Air, other Power driven or mechanical equip.
- [ ] Power Stripping
- [x] Diamond or other Core drilling
- [ ] Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
	K638625	30						
	K638624	40						
	K638627	40						
	K638628	40						
	K638629	40						
	K638630	40						

KENORA MINING DIV.
RECEIVED
DEC 5 1986
AM 7,8,9,10,11,12,1,2,3,4,5,6 PM

All the work was performed on Mining Claim(s): *K638629 - 190 DAYS WORK ASSIGNMENT*

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diamond Drilling include ~~Two~~ ONE NQ holes (~~[illegible]~~ SC-86-22) ~~[illegible]~~ 297 feet ~~[illegible]~~ (core size 1 7/8"). Drilling of ~~SC-86-2~~ ~~[illegible]~~ SC-86-22 was from March 7-10 inc. 1986 by Arnick Drilling Ltd. of Flin Flon Manitoba. Both holes were drilling at -45°. Location of drill holes and logs with assays are appended.

Date of Report	Recorded Holder or Agent (Signature)
MAR 31/86	*James M. Dawson*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

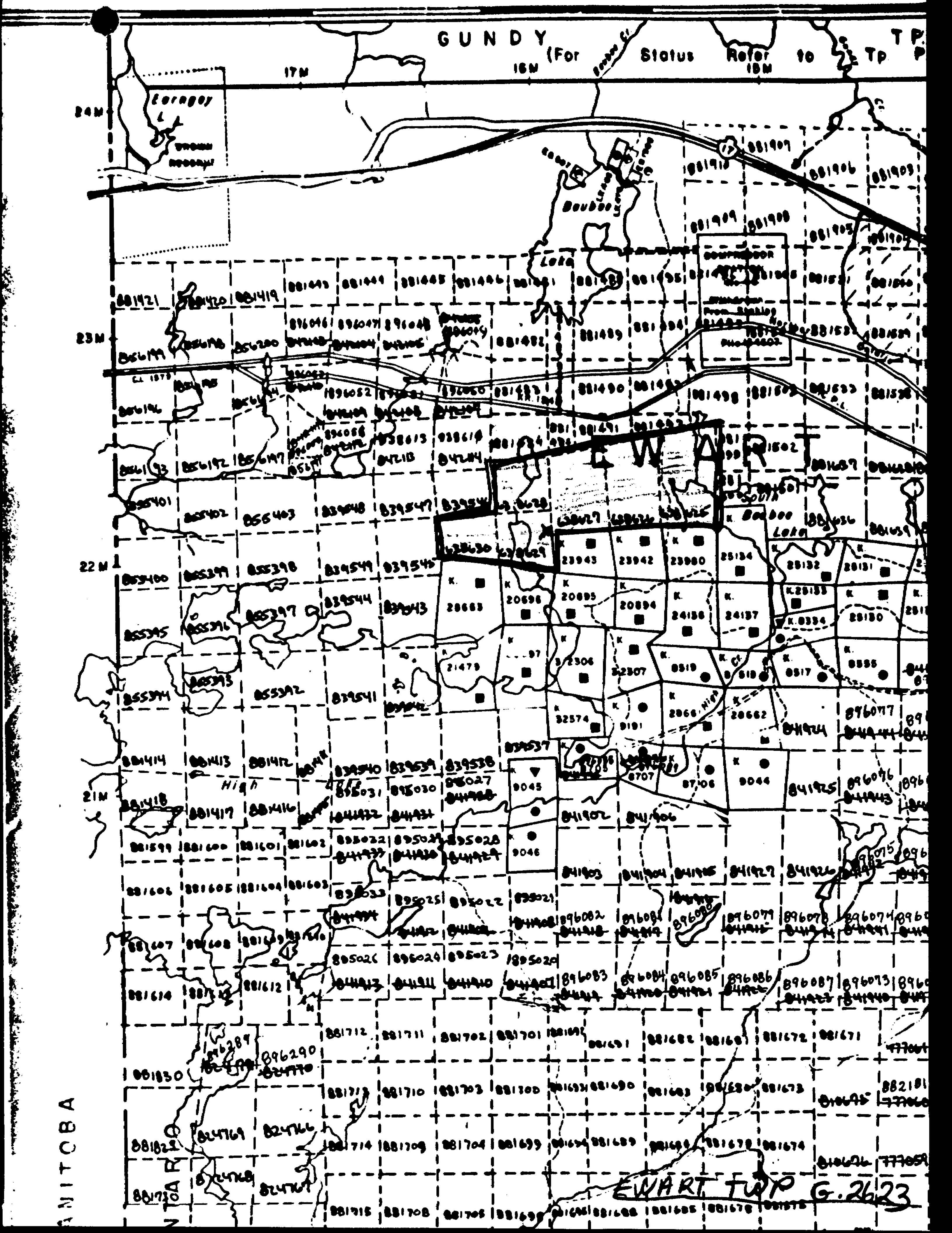
Name and Postal Address of Person Certifying
JAMES M. DAWSON, 203-455 GRANVILLE STREET
VANCOUVER B.C. V6C1T1

Date Certified	Certified by (Signature)
Dec. 1/86	*James M. Dawson*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. *638625*	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) **in duplicate**
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

768 (85/12)


GUNDY (For Status Refer to Tp
Boubee Lake
EWART
South Boubee Lake
MANITOBA
EWART TWP G.2623

"C" ZONE

"B" ZONE

BM - ASSUMED DATUM
NAIL IN POPLAR STUMP
ELEVATION 1,000.00 FEET

10,000 N
10,000 E

BASELINE

N 61° 54' 30" E

N 82° 01' 50" W

N 83° 51' 30" W

N 6° 01' W

N 6° 38' 30" E

CLAIM K. 23943

CLAIM K. 23942

CLAIM K. 20694

CLAIM K. 20695

ACCESS ROAD TO DRILL HOLE SET-UPS

ACCESS ROAD TO HIGHWAY NO 17

DRILL ROAD

OFFICE

CORE SHACK

ROCK SAW

Top Rock Ridge

SC-86-1 -90° 977.6
SC-86-2 -60° 978.3
SC-86-3 -90° 987.5
SC-86-3a -70° 987.5
SC-86-4 -90° 981.4
SC-86-5 -45° 944.9
SC-86-6 -45° 925.6
SC-86-7 -45° 943.0
SC-86-8 60° 929.1
SC-86-9 -45° 942.8
SC-86-10 -50° 925.4
SC-86-11 -45° 926.9
SC-86-12 -47° 916.2
SC-86-13 -45° 922.1
SC-86-14A -45° 921.7
SC-86-15 -45° 924.3
SC-86-16 -45° 955.5
SC-86-17 -45° 940.0
SC-86-18 -45° 927.7

9,500 E
10,000 E
10,500 E
9,000 N
9,500 N
10,000 N

LEGEND

□ - DENOTES IRON BAR
△ - DENOTES SURVEY STATIONS
⊙—| - DENOTES DIAMOND DRILL HOLES
911.3 - DENOTES ELEVATIONS.

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PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

NOTES:

1. ALL SURVEY RECORDS FOR SURVEY CONTROL FILED AT R.M.BLAIS AND ASSOCIATES LTD. OFFICE NORTH BAY, ONTARIO.
2. ELEVATIONS ARE BASED ON ASSUMED DATUM - BENCH MARK CONTROL LOCATED ON BASELINE ASSUMED ELEVATION 1,000.00 FEET.
3. ALL DISTANCES SHOWN ON THIS PLAN ARE IN FEET.
4. GOLD VALUES SHOWN ARE IN OZ./T.

Indian Bay 33

CALNOR RESOURCES LIMITED

HIGH LAKE PROPERTY - KENORA MINING DIVISION

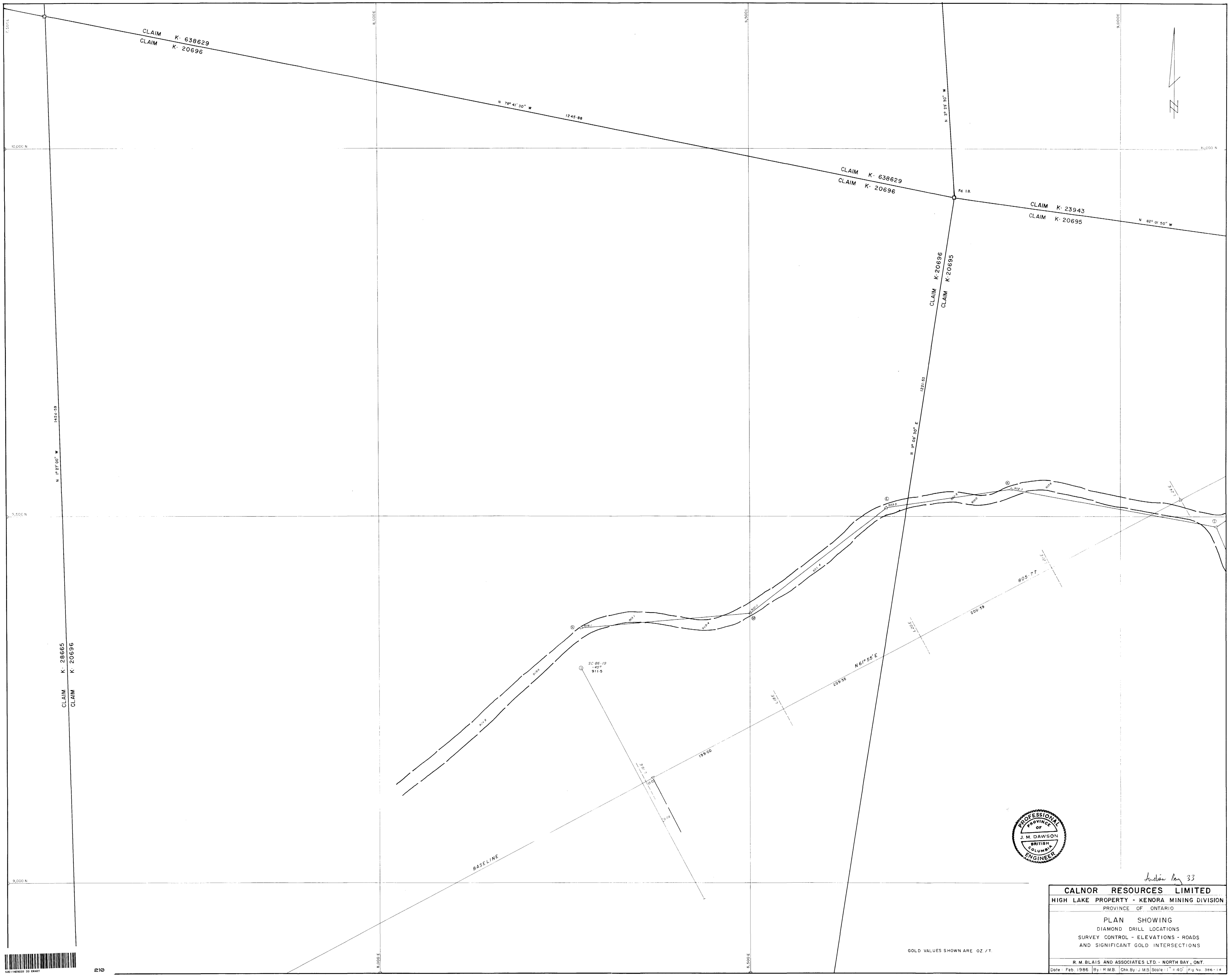
PROVINCE OF ONTARIO

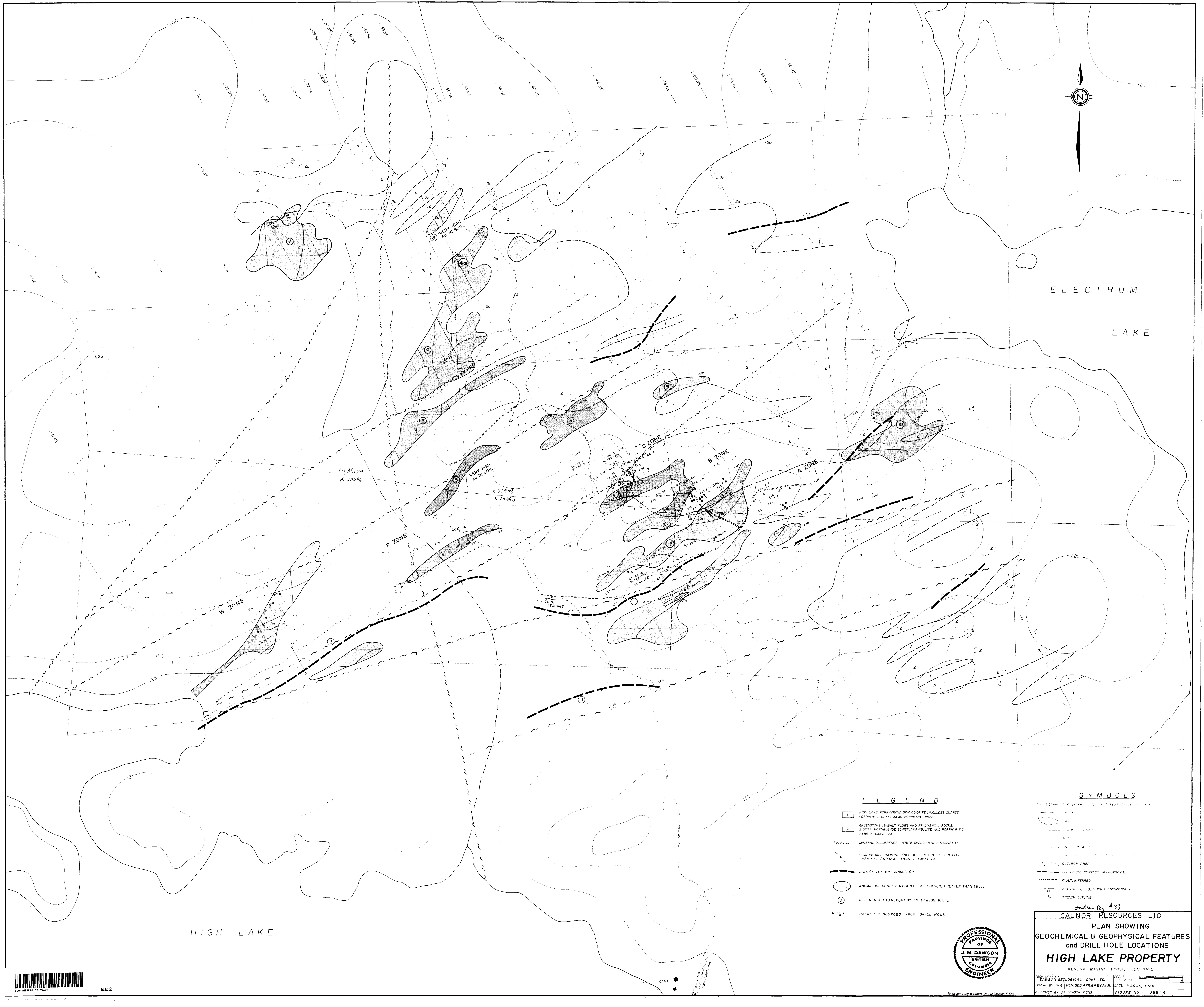
PLAN SHOWING

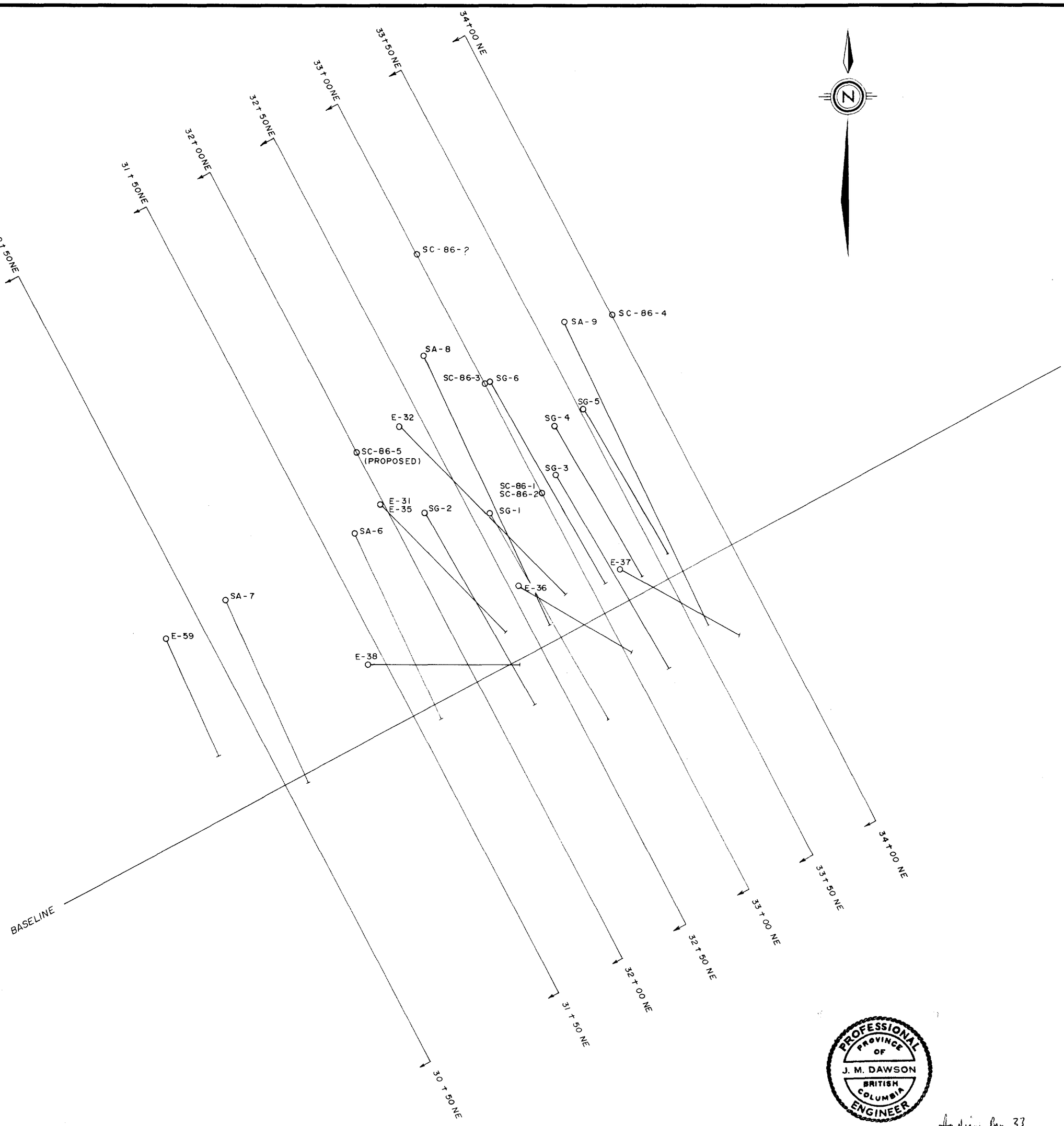
DIAMOND DRILL LOCATIONS
SURVEY CONTROL - ELEVATIONS - ROADS
AND SIGNIFICANT GOLD INTERSECTIONS

R.M. BLAIS AND ASSOCIATES LTD. - NORTH BAY, ONT.

Date: Feb., 1986	By: R.M.B.	Chk.By: J.M.D.	Scale: 1"= 40'	Fig. No. 386-13


CLAIM K- 638629
CLAIM K- 20696
N 78° 41' 30" W
1245.88
CLAIM K- 638629
CLAIM K- 20696
CLAIM K- 23943
CLAIM K- 20695
N 62° 01' 50" W
N 3° 29' 30" W
CLAIM K- 20696
CLAIM K- 20695
N 9° 08' 30" E
1221.53
N 1° 27' 00" W
1424.59
CLAIM K- 28665
CLAIM K- 20696
N61° 55' E
805.77
200.59
209.56
199.00
BASELINE
SC 86-19
-45°
911.5
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON
GOLD VALUES SHOWN ARE OZ / T.
CALNOR RESOURCES LIMITED
HIGH LAKE PROPERTY - KENORA MINING DIVISION
PROVINCE OF ONTARIO
PLAN SHOWING
DIAMOND DRILL LOCATIONS
SURVEY CONTROL - ELEVATIONS - ROADS
AND SIGNIFICANT GOLD INTERSECTIONS
R. M. BLAIS AND ASSOCIATES LTD. - NORTH BAY, ONT.
Date: Feb. 1986 By: R.M.B. Chk. By: J.M.D. Scale: 1" = 40' Fig. No. 386-14
210


ELECTRUM LAKE
HIGH LAKE
A ZONE
B ZONE
C ZONE
P ZONE
W ZONE
VERY HIGH Au IN SOIL
VERY HIGH Au IN SOIL
CORE STORAGE
CAMP
LEGEND
1 HIGH LAKE PORPHYRITIC GRANODIORITE, INCLUDES QUARTZ PORPHYRY AND FELDSPAR PORPHYRY DIKES
2 GREENSTONE, BASALT FLOWS AND FRAGMENTAL ROCKS, BIOTITE HORNBLENDE SCHIST, AMPHIBOLITE AND PORPHYRITIC 'HYBRID' ROCKS (2a)
Py, Cpy, Mg MINERAL OCCURRENCE PYRITE, CHALCOPYRITE, MAGNETITE
SIGNIFICANT DIAMOND DRILL HOLE INTERCEPT, GREATER THAN 5 FT. AND MORE THAN 0.10 oz/T Au
AXIS OF VLF EM CONDUCTOR
ANOMALOUS CONCENTRATION OF GOLD IN SOIL, GREATER THAN 26 ppb.
3 REFERENCES TO REPORT BY J.M. DAWSON, P. Eng.
SC-86-4 CALNOR RESOURCES 1986 DRILL HOLE
SYMBOLS
OUTCROP AREA
GEOLOGICAL CONTACT (APPROXIMATE)
FAULT, INFERRED
68 ATTITUDE OF FOLIATION OR SCHISTOSITY
TRENCH OUTLINE
Indian Bay #33
CALNOR RESOURCES LTD.
PLAN SHOWING
GEOCHEMICAL & GEOPHYSICAL FEATURES
and DRILL HOLE LOCATIONS
HIGH LAKE PROPERTY
KENORA MINING DIVISION, ONTARIO
TECH WORK BY DAWSON GEOLOGICAL CONS LTD.
DRAWN BY W G
REVISED APR. 84 BY A.F.R.
DATE MARCH, 1986
APPROVED BY J M DAWSON, P ENG
FIGURE NO.: 386-4
PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. DAWSON
To accompany a report by J M Dawson, P Eng
220



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J. M. DAWSON

Gordon Bay 33

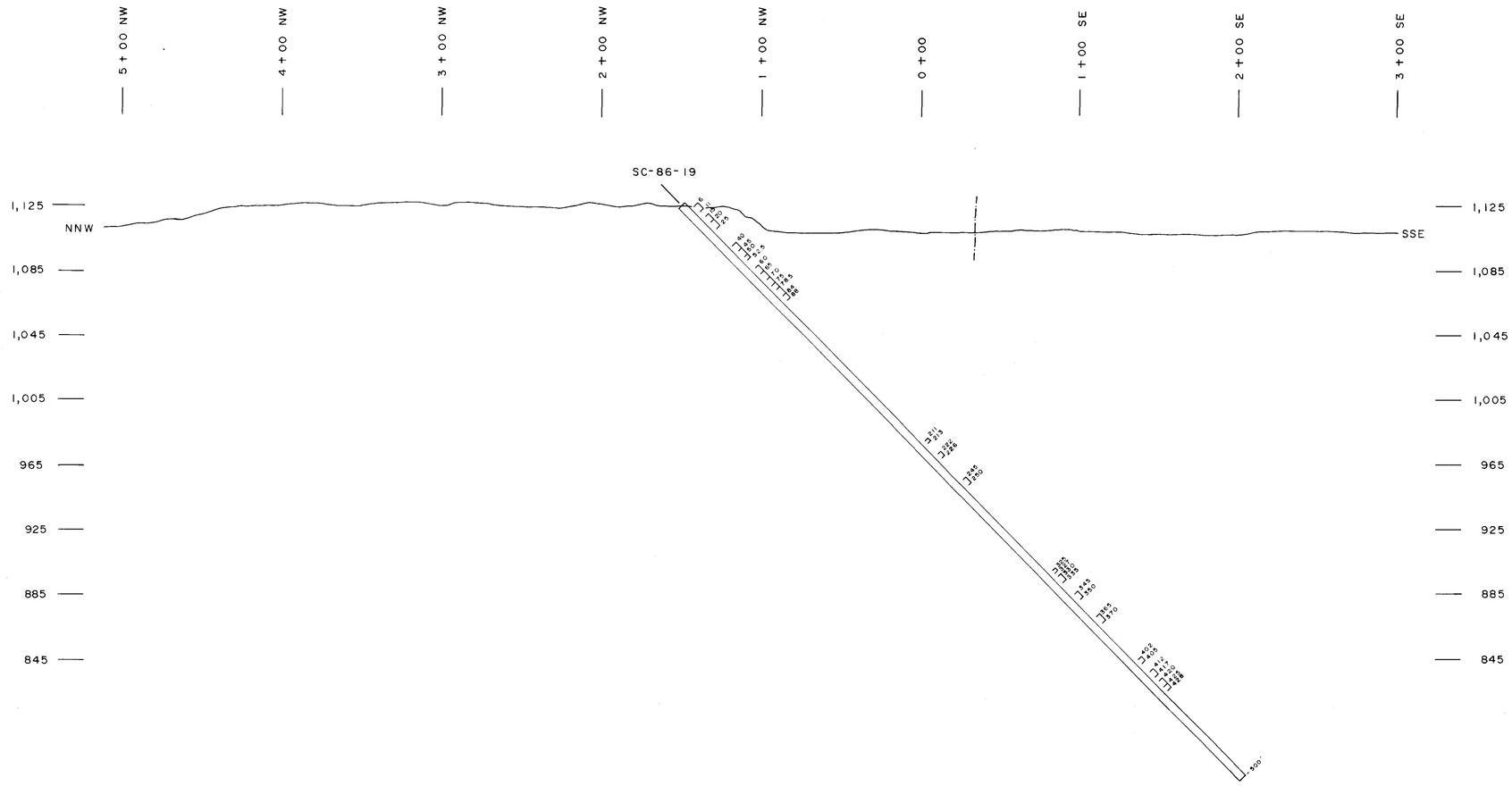
CALNOR RESOURCES LTD.

LOCATION OF DRILL HOLES
"C" ZONE

HIGH LAKE PROPERTY

KENORA MINING DIVISION, ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD	SCALE: 1"=40' 10 0 10 20 30 40 50 feet
DRAWN BY: P.J.M.	DATE: March, 1985
APPROVED BY: J.M.DAWSON, P.ENG.	FIG. NO.: 386-5



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-19	6 - 11	Tr.
	15 - 20	Tr.
	20 - 25	Nil
	40 - 45	Tr.
	45 - 50	Nil
	50 - 52.5	Tr.
	55 - 60	Tr.
	65 - 70	Tr.
	70 - 75	Nil
	75 - 78.5	Tr.
	78.5 - 84	Tr.
	84 - 88	Tr.
	211 - 213	Nil
	222 - 226	Tr.
	245 - 250	Tr.
	250 - 256	Nil
	325 - 327	Tr.
	330 - 335	0.02
	345 - 350	Tr.
	350 - 355	Tr.
	365 - 370	Nil
	402 - 405	Nil
	412 - 417	Nil
	420 - 425	Tr.
	425 - 428	Nil

·—·—· Axis of VLF-EM conductor

Section By 83

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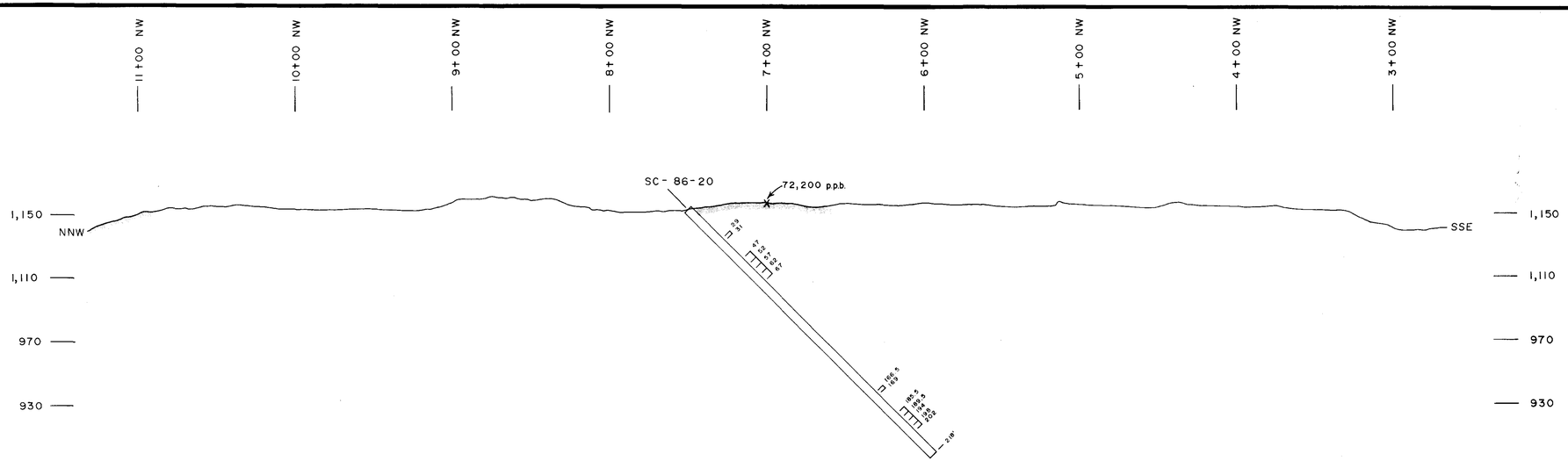
CALNOR RESOURCES LTD.

SECTION 16+00 NE
(SC-86-19)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (0 5 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-23



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-20	29 - 31	0.01
	47 - 52	0.01
	52 - 57	0.06
	57 - 62	0.04
	62 - 67	Tr.
	166.5 - 169	Nil
	185.5 - 189.5	Nil
	189.5 - 194	Tr.
	194 - 198	0.01
	198 - 202	0.01

Indian Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

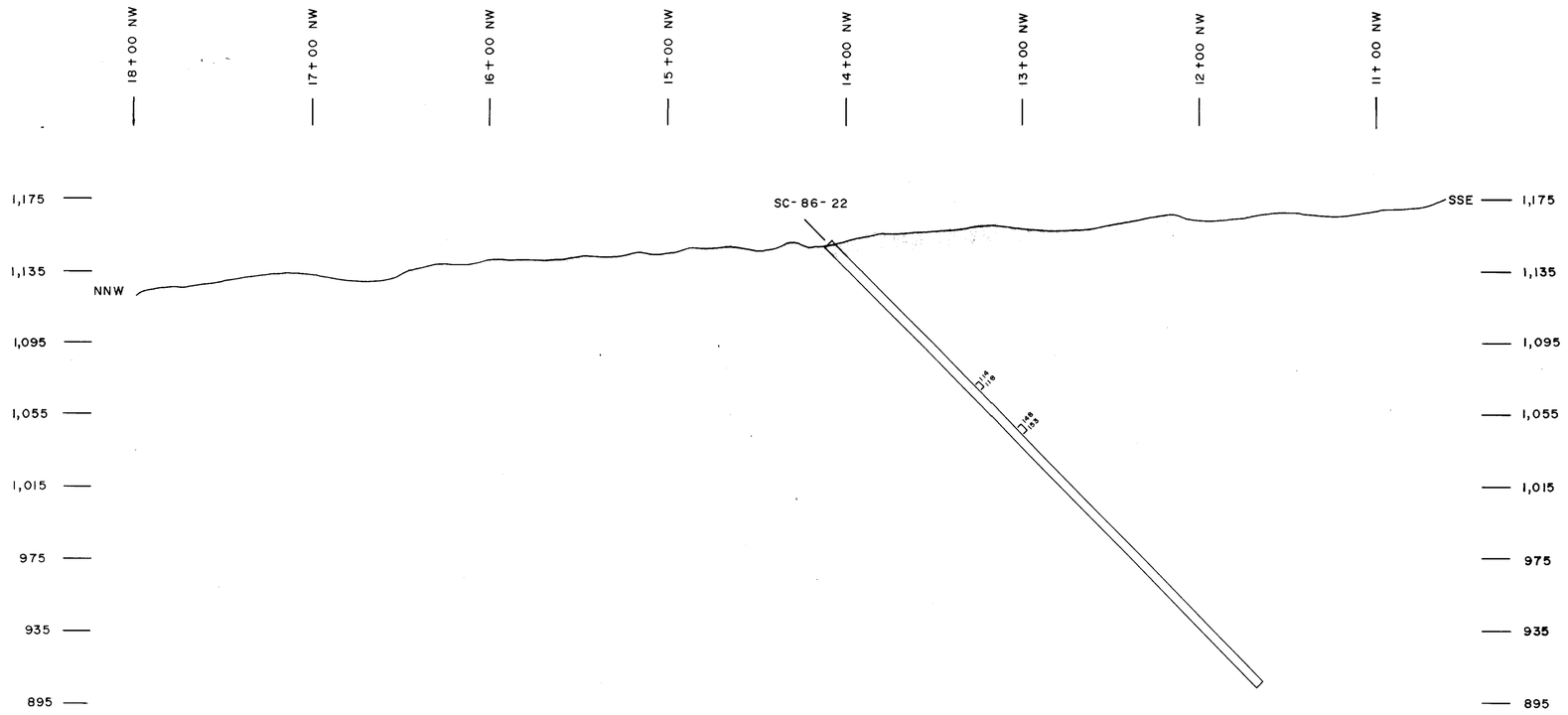
CALNOR RESOURCES LTD.

SECTION 24+00NE
(SC-86-20)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-24



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-22	114 - 118	Tr.
	148 - 153	Tr.

Gold soil geochemical anomaly

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J. M. DAWSON

Indian Bay 33

CALNOR RESOURCES LTD.

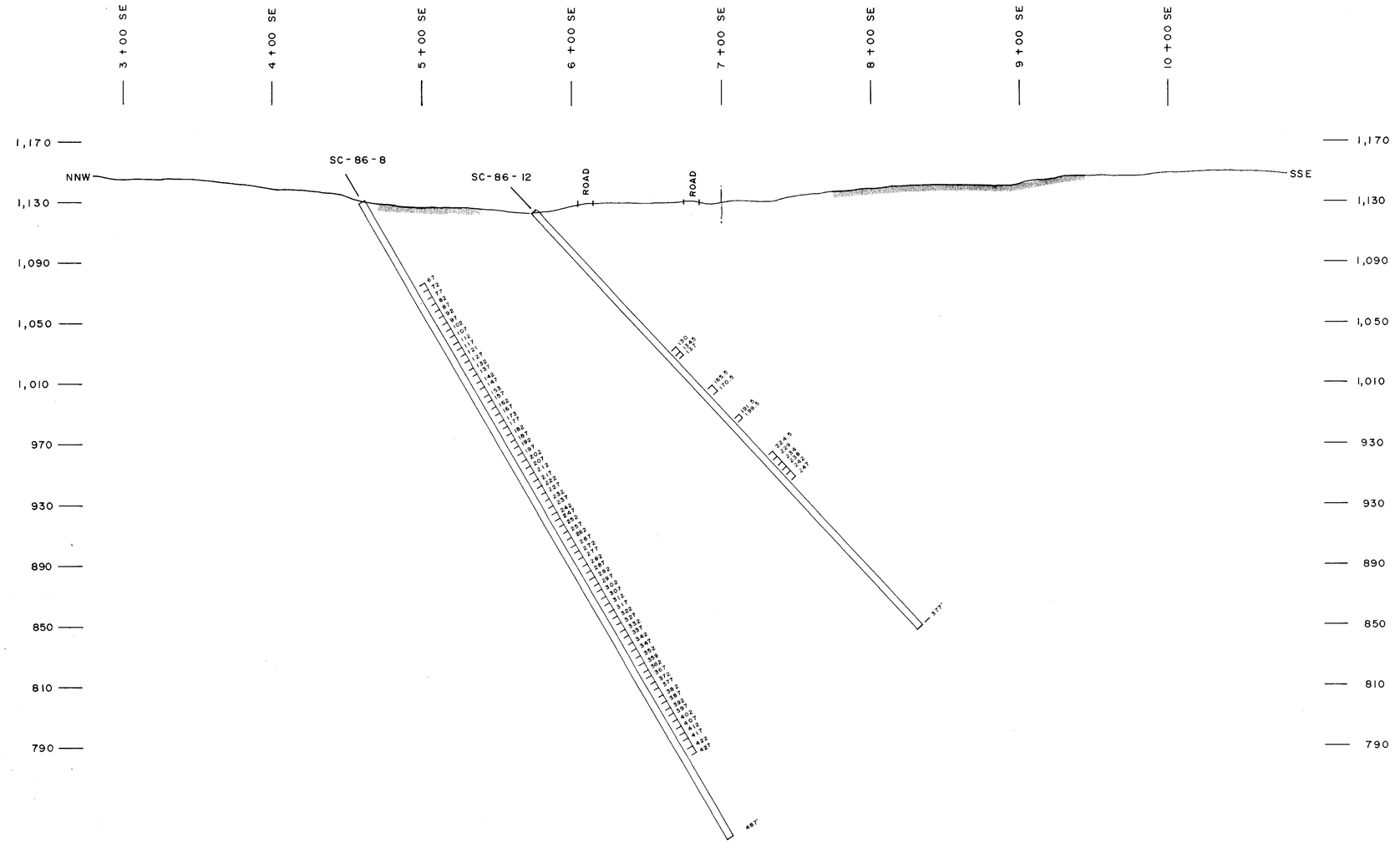
SECTION 26+00 NE

(SC-86-22)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' 0 10 20 30 40 Metres
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-25



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-8	67 - 72	Tr.
	72 - 77	Tr.
	77 - 82	Tr.
	82 - 87	Tr.
	87 - 92	Tr.
	92 - 97	Tr.
	97 - 102	Tr.
	102 - 107	Tr.
	107 - 112	Tr.
	112 - 117	Tr.
	117 - 121	Tr.
	121 - 127	0.37
	127 - 132	Tr.
	132 - 137	Tr.
	137 - 142	Tr.
	142 - 147	Tr.
	147 - 153	Tr.
	153 - 157	Tr.
	157 - 162	Tr.
	162 - 167	Tr.
	167 - 173	0.11
	173 - 177	0.01
	177 - 182	Tr.
	182 - 187	0.01
	187 - 192	0.03
	192 - 197	Tr.
	197 - 202	Tr.
	202 - 207	Tr.
	207 - 212	0.01
	212 - 217	Tr.
	217 - 222	Tr.
	222 - 227	Tr.
	227 - 232	Nil
	232 - 237	Nil
	237 - 242	Tr.
	242 - 247	Nil
	247 - 252	Nil
	257 - 262	Nil
	262 - 267	Nil
	267 - 272	Tr.
	272 - 277	Tr.
	277 - 282	Nil
	282 - 287	Tr.
	287 - 292	0.01
	292 - 297	0.01
	297 - 302	Nil
	302 - 307	Tr.
	307 - 312	Tr.
	312 - 317	Nil
	317 - 322	Tr.
	322 - 327	Nil
	327 - 332	Tr.
	332 - 337	Tr.
	337 - 342	Nil
	342 - 347	Tr
	347 - 352	Nil
	352 - 357	Nil
	357 - 362	Nil
	362 - 367	Nil
	367 - 372	Nil
	372 - 377	Nil
	377 - 382	Nil
	382 - 387	Nil
	387 - 392	Tr.
	392 - 397	Tr.
	397 - 402	Tr.
	402 - 407	Tr.
	407 - 412	Tr.
	412 - 417	Tr.
	417 - 422	Tr.
	422 - 427	Tr.
SC-86-12	130 - 134	Tr.
	134 - 137	Tr.
	165.5-170.5	Tr.
	181.5-194.5	Tr.
	224.5-229	Tr.
	229 - 234	
	234 - 238	Tr.
	238 - 242	
	242 - 247	Tr.

Gold soil geochemical anomaly

Axis of VLF-EM conductor

Jordan Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

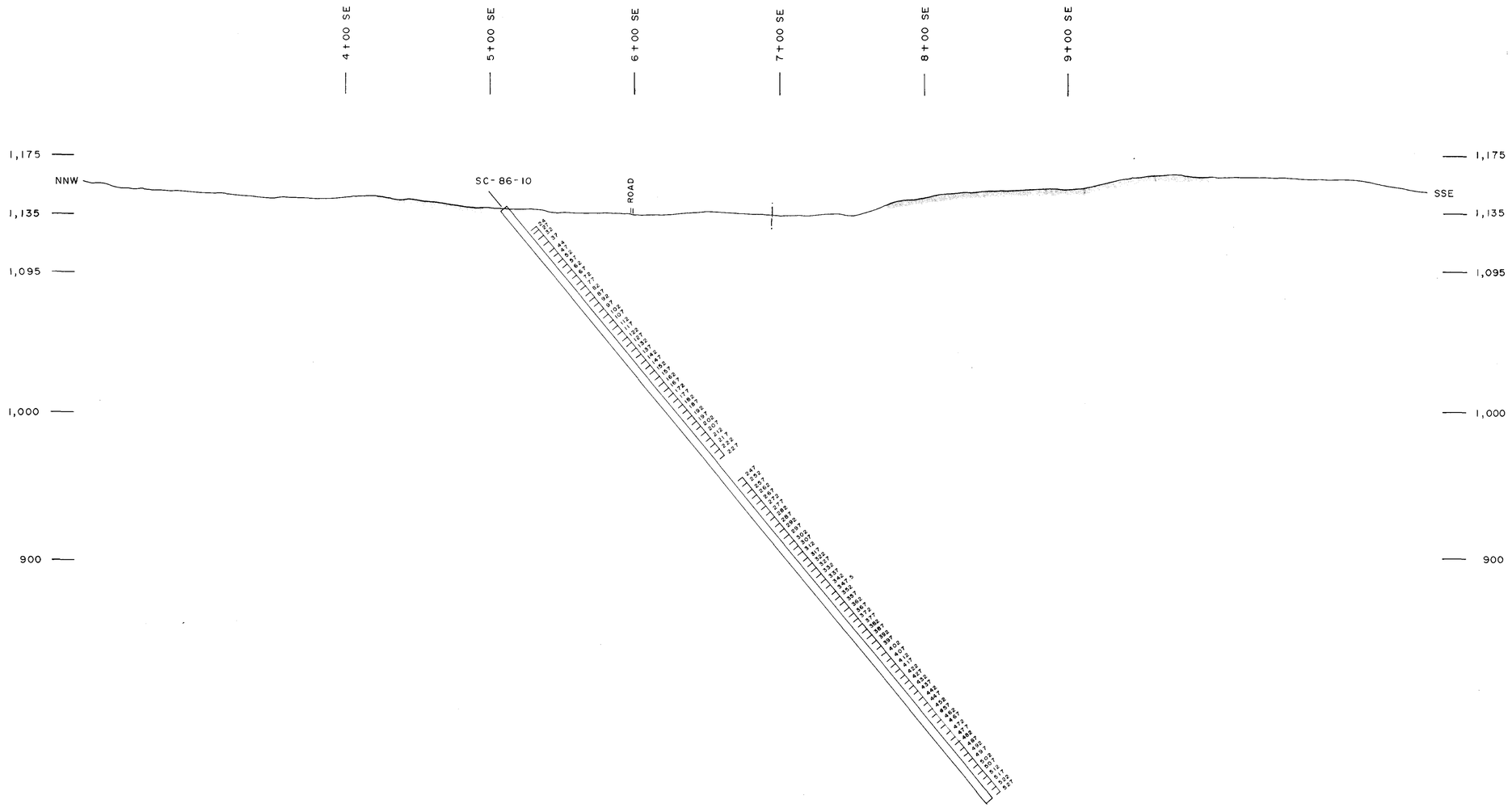
CALNOR RESOURCES LTD.

SECTION 28+00NE
(SC-86-8)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-15



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton	DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-10	24 - 27	Tr	SC-86-10	292 - 297	Nil
	27 - 32	Tr		297 - 302	Nil
	32 - 37	Tr		302 - 307	Nil
	37 - 44	Tr		307 - 312	Nil
	44 - 47	Tr		312 - 317	0.01
	47 - 52	Tr		317 - 322	Nil
	52 - 57	Tr		322 - 327	Nil
	57 - 62	Tr		327 - 332	Tr
	62 - 67	Tr		332 - 337	Nil
	67 - 72	Tr		337 - 342	Tr
	72 - 77	Tr		342 - 347.5	0.02
	77 - 82	Tr		347.5 - 352	Tr
	82 - 87	Tr		352 - 357	Tr
	87 - 92	Nil		357 - 362	Tr
	92 - 97	Tr		362 - 367	Nil
	97 - 102	0.01		367 - 372	Nil
	102 - 107	Tr		372 - 377	Tr
	107 - 112	Tr		377 - 382	Nil
	112 - 117	Nil		382 - 387	Nil
	117 - 122	Nil		387 - 392	Nil
	122 - 127	Nil		392 - 397	Nil
	127 - 132	Nil		397 - 402	Nil
	132 - 137	Nil		402 - 407	Nil
	137 - 142	Tr		407 - 412	Nil
	142 - 147	Tr		412 - 417	Nil
	147 - 152	Tr		417 - 422	Nil
	152 - 157	Tr		422 - 427	Tr
	157 - 162	Tr		427 - 432	Tr
	162 - 167	0.01		432 - 437	Nil
	167 - 172	Tr		437 - 44	Nil
	172 - 177	Nil		442 - 447	Tr
	177 - 182	Tr		447 - 452	Tr
	182 - 187	Nil		452 - 457	Tr
	187 - 192	Tr		457 - 462	Nil
	192 - 197	Tr		462 - 467	Tr
	197 - 202	0.01		467 - 472	Tr
	202 - 207	Tr		472 - 477	Tr
	207 - 212	Tr		477 - 482	Nil
	212 - 217	Nil		482 - 487	Tr
	217 - 222	Nil		487 - 492	Nil
	222 - 227	Tr		492 - 497	Tr
	247 - 252	Nil		497 - 502	0.01
	252 - 257	Tr		502 - 507	0.01
	257 - 262	Tr		507 - 512	Tr
	262 - 267	Tr		512 - 517	Tr
	267 - 272	Tr		517 - 522	Tr
	272 - 277	Nil		522 - 527	0.01
	277 - 282	Nil			
	282 - 287	0.01			
	287 - 292	Tr			

Gold soil geochemical anomaly

Axis of VLF-EM conductor

Indian Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

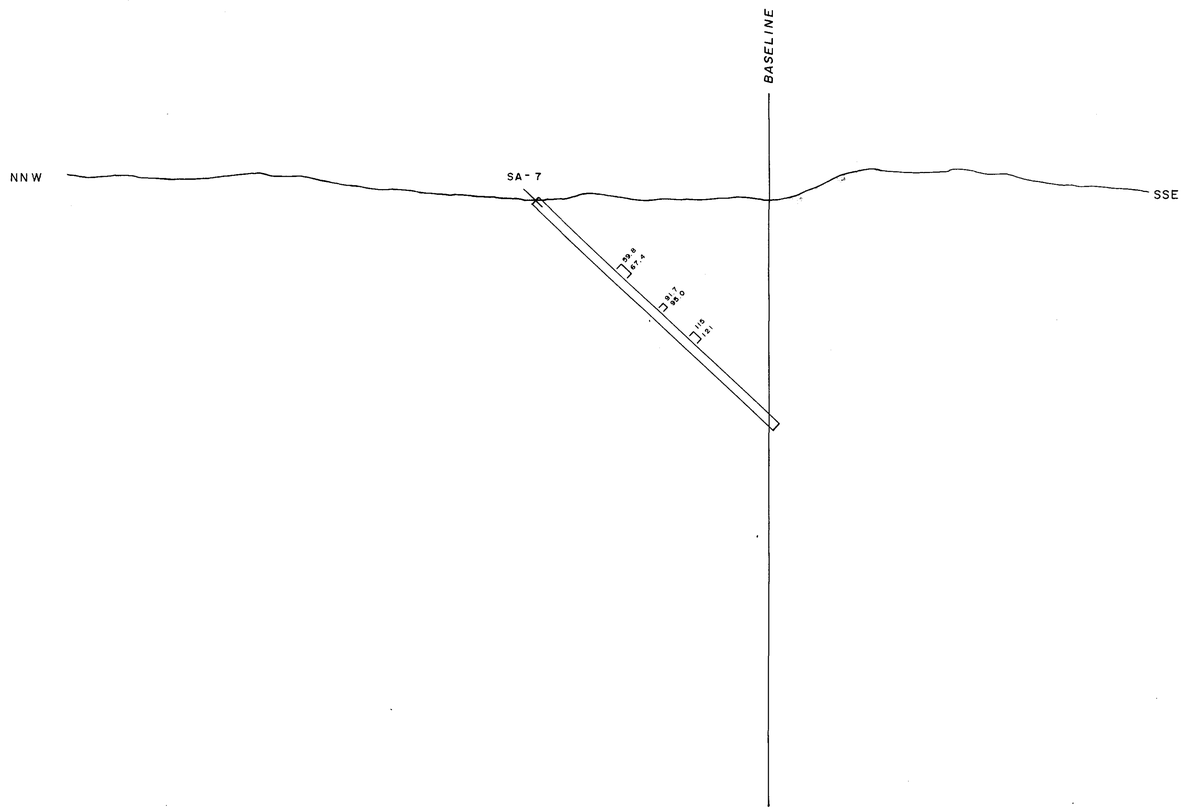
CALNOR RESOURCES LTD.

SECTION 30+00 NE
(SC-86-10)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-16



ASSAY DATA

ASSAY INTERVAL	GOLD oz/ton
59.8- 67.4	0.02
91.7 - 95.0	0.01
115 - 121	0.04

Gold soil geochemical anomaly

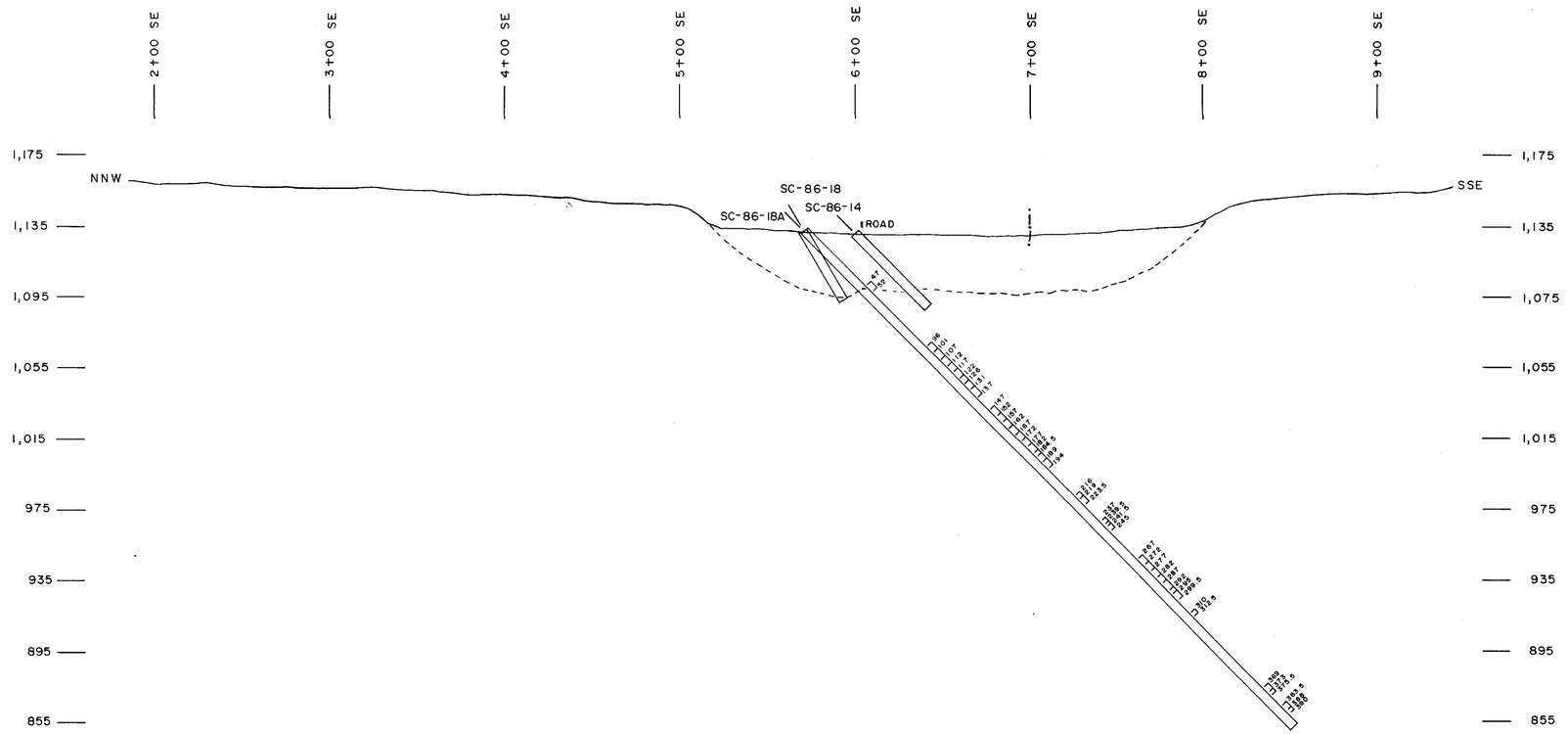
Indian Bay 39

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 30+50 NE
"C" ZONE
HIGH LAKE PROPERTY
KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' 0 10 20 30 40 50 feet
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J. M. DAWSON, P.ENG.	DRAWING NO.: 386-6



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-18	47 - 52	Tr.
	96 - 101	0.01
	101 - 107	0.01
	107 - 112	Nil
	112 - 117	Tr.
	117 - 122	Nil
	122 - 126	Tr.
	126 - 131	Tr.
	131 - 137	Tr.
	147 - 152	Nil
	152 - 157	Tr.
	157 - 162	0.01
	162 - 167	Tr.
	167 - 172	Tr.
	172 - 177	Tr.
	177 - 182	Tr.
	182 - 184.5	Tr.
	189 - 194	0.01
	216 - 219	Nil
	219 - 223.5	Tr.
	237 - 239.5	Tr.
	239.5 - 241.5	Tr.
	241.5 - 245	Tr.
	267 - 272	Nil
	272 - 277	Nil
	277 - 282	Tr.
	282 - 287	Tr.
	287 - 292	Tr.
	292 - 295	
	295 - 299.5	Tr.
	310 - 312.5	Tr.
	369 - 373	Tr.
	373 - 375.5	Tr.
	383.5 - 388	0.01
	388 - 390	0.01

Gold soil geochemical anomaly

Axis of VLF - EM conductor

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. DAWSON

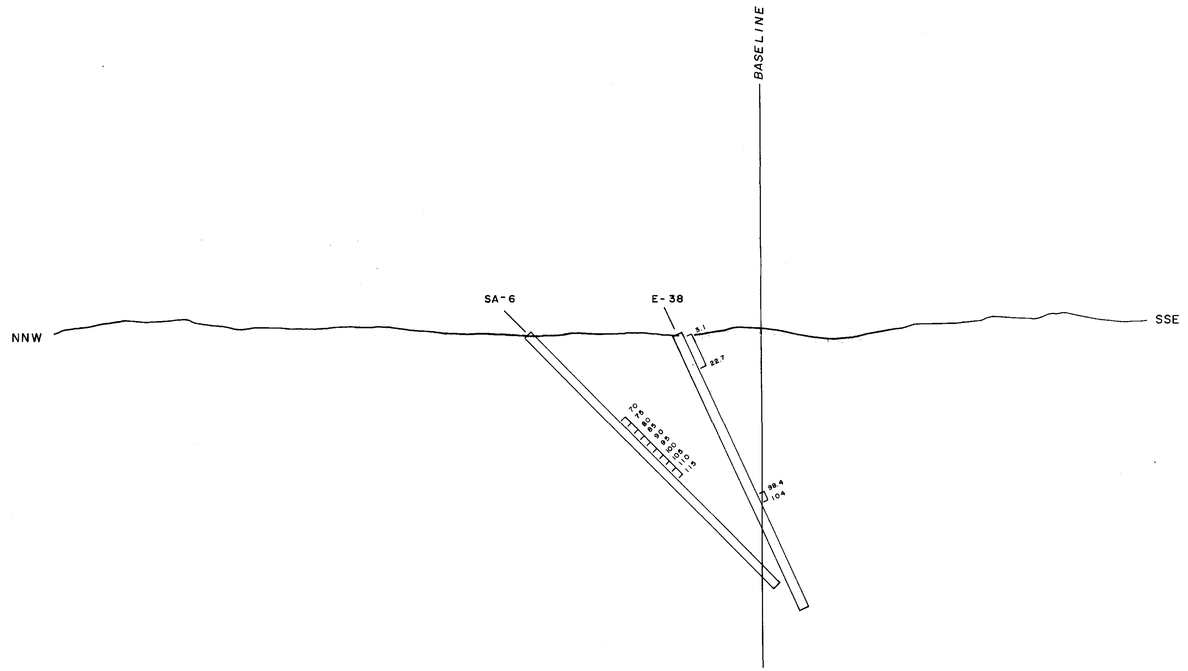
CALNOR RESOURCES LTD.

SECTION 31+00 NE
(SC-86-18)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' 10 0 10 20 30 40 50 feet
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M.DAWSON, P.ENG.	DRAWING NO.: 386-17



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SA-6	70 - 75	0.01
	75 - 80	0.08
	80 - 85	0.01
	85 - 90	0.02
	90 - 95	0.01
	95 - 100	0.01
	100 - 105	0.06
	105 - 110	0.04
	110 - 115	0.04
E-38	3.1 - 22.7	0.09
	98.4 - 104	0.04

Gold soil geochemical anomaly

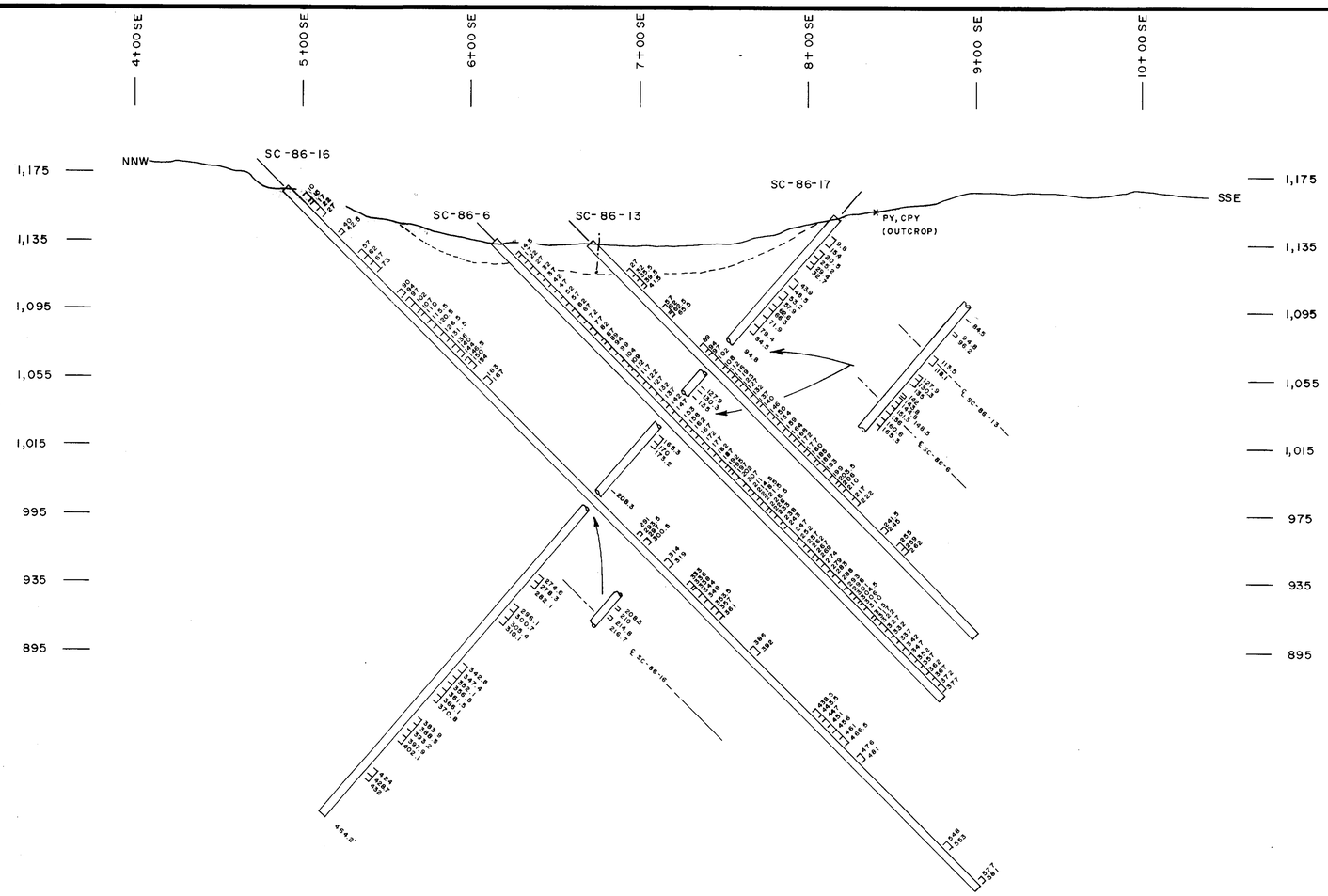
Indian Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 31+50 NE
"C" ZONE
HIGH LAKE PROPERTY
KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M.DAWSON, P.ENG.	DRAWING NO.: 386-7



ASSAY DATA

SC-86-16

ASSAY INTERVAL	GOLD oz./ton
10 - 15	Nil
15 - 17	Tr.
17 - 22	Tr
22 - 27	Tr
40 - 42.5	Nil
57 - 62	Nil
62 - 67	Nil
67 - 73	0.01
90 - 94	Tr.
97 - 102	Nil
102 - 107	Tr.
107 - 110	Tr.
110 - 115.5	Tr.
115.5- 120.5	Tr.
120.5- 126.5	Tr.
126.5- 131.5	Tr.
131.5- 136	Tr.
136 - 140	Tr
140 - 144	Tr.
146.5- 150	Tr.
150 - 154	Tr.
163 - 167	Nil
291 - 293.5	Nil
297 - 300.5	Tr.
314 - 319	Tr.
333 - 336	Tr.
336 - 338	Tr.
338 - 344	0.06
344 - 348	0.03
348 - 353.5	0.01
353.5- 357	Tr.
357 - 361	Tr.
386 - 392	0.02
438.5- 443.5	Tr.
447 - 451	Tr.
451 - 456	Tr.
456 - 461	0.03
461 - 466.5	Tr.
476 - 481	Tr.
548 - 553	Nil
577 - 581	Tr.

SC-86-6

ASSAY INTERVAL	GOLD oz./ton	
14.5 - 17	0.05	
17 - 22	0.03	
22 - 27	0.07	0.11 oz/ton - 25'
27 - 32	0.15	
32 - 37	0.16	
37 - 42	0.10	
42 - 47	0.07	
47 - 52	0.02	
52 - 57	0.05	
57 - 62	Tr	
62 - 67	Tr.	
67 - 72	0.03	
72 - 77	0.07	0.161 oz/ton - 37'
77 - 82	0.10	
82 - 87	0.10	
87 - 89	0.40	
89 - 94	0.34	
94 - 99	0.09	
99 - 104	0.20	
104 - 109	0.13	
109 - 112	0.02	
112 - 117	0.03	
117 - 122	0.02	
122 - 127	0.31	0.31 oz/ton - 5'
127 - 132	0.01	
132 - 137	0.06	
137 - 142	Tr.	
142 - 147	0.19	0.19 oz/ton - 5'
147 - 153	0.01	
153 - 158	0.03	
158 - 162	Tr.	
162 - 167	0.02	
167 - 172	Tr.	
172 - 177	Tr.	
177 - 182	Tr.	
182 - 187	0.01	
187 - 192	0.16	0.16 oz/ton - 5'
192 - 195	0.04	
195 - 197	0.02	
197 - 202	Tr.	
202 - 207	0.03	
207 - 211	0.01	
211 - 214.5	0.05	
214.5 - 218.5	Tr.	
218.5 - 221.5	0.01	
221.5 - 226.5	0.17	0.175 oz/ton - 6.5'
226.5 - 228	0.19	
228 - 233	0.01	
233 - 238	0.04	
238 - 243	Tr.	
243 - 247	Tr.	
247 - 252	0.02	
252 - 257	0.04	
257 - 262	0.58	1.364 oz/ton - 26'
262 - 267	2.14	
267 - 269	1.99	
269 - 274	1.87	
274 - 279	1.66	
279 - 283	0.06	
283 - 288	0.02	
288 - 293	0.01	
293 - 298	0.02	
298 - 301	0.11	0.11 oz/ton - 3'
301 - 304.5	0.04	
304.5 - 306	0.01	
306 - 310	Tr.	
310 - 314	Tr.	
315 - 317	Tr.	
317 - 322	0.01	
322 - 327	0.01	
327 - 332	0.01	
332 - 337	0.02	
337 - 342	Tr.	
342 - 347	Tr.	
347 - 352	Tr.	
352 - 357	Tr.	
357 - 362	Tr.	
362 - 367	Tr.	
367 - 372	Tr.	
372 - 377	Tr.	

SC-86-13

ASSAY INTERVAL	GOLD oz./ton
27 - 32	0.02
32 - 35.5	0.02
35.5 - 39.5	0.07
39.5 - 41.5	0.01
57 - 62	0.01
62.5- 65.5	0.01
89 - 94	0.03
94 - 97	0.02
97 - 102	0.08
102 - 108	0.30
108 - 112	0.02
112 - 116	0.01
116 - 119	0.52
119 - 123	0.92
123 - 127	0.99
127 - 132	0.06
132 - 137	0.02
137 - 140	0.02
140 - 146	0.02
146 - 150	0.04
150 - 154	0.07
154 - 159	0.07
159 - 164	0.05
164 - 168	0.03
168 - 172	0.03
172 - 177	0.03
177 - 180	0.02
180 - 185	Nil
185 - 188	Nil
188 - 193	Nil
193 - 199	Nil
199 - 203.5	Missing
203.5- 206	Tr.
206 - 210	Nil
210 - 217	Tr.
217 - 222	Tr.
241.5- 245	Tr.
255 - 259	0.02
259 - 262	0.02

SC-86-17

ASSAY INTERVAL	GOLD oz./ton
9.8- 15.4	0.01
20.5- 25.2	Tr.
25.2- 29.9	Tr.
29.9- 32.7	Nil
43.8- 48.5	0.01
53.2- 57.9	Tr.
57.9- 62.6	Tr.
62.6- 66.3	Tr.
66.3- 71.9	0.02
79.4- 84.5	0.03
94.8- 96.2	Tr.
113.5- 118.1	Tr.
127.9- 130.3	Tr.
130.3- 135	0.01
142 - 143.8	0.08
144.8- 148.5	Tr.
148.5- 151.3	0.17
151.3- 156	0.02
156 - 160.6	0.02
160.6- 165.3	0.04
165.3- 170	0.13
170 - 173.2	0.02
208.3- 210	Tr.
214.8- 216.7	0.01
274.6- 278.3	0.01
278.3- 282.1	Tr.
296.1- 300.7	Tr.
300.7- 305.4	Tr.
305.4- 310.1	0.01
342.8- 347.4	Tr.
347.4- 352.1	Tr.
352.1- 356.8	Tr.
356.8- 361.5	0.01
361.5- 366.1	Tr.
366.1- 370.8	Tr.
383.9- 388.5	0.01
388.5- 393.2	Tr.
393.2- 397.9	Tr.
397.9- 402.1	Tr.
424 - 428.7	Tr.
428.7- 432	Nil

NOTE: These intervals have been projected onto the plane of the section and are accordingly shortened.

Axis of VLF-EM conductor
Gold soil geochemical anomaly

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — J. M. DAWSON

Hudson Bay 33

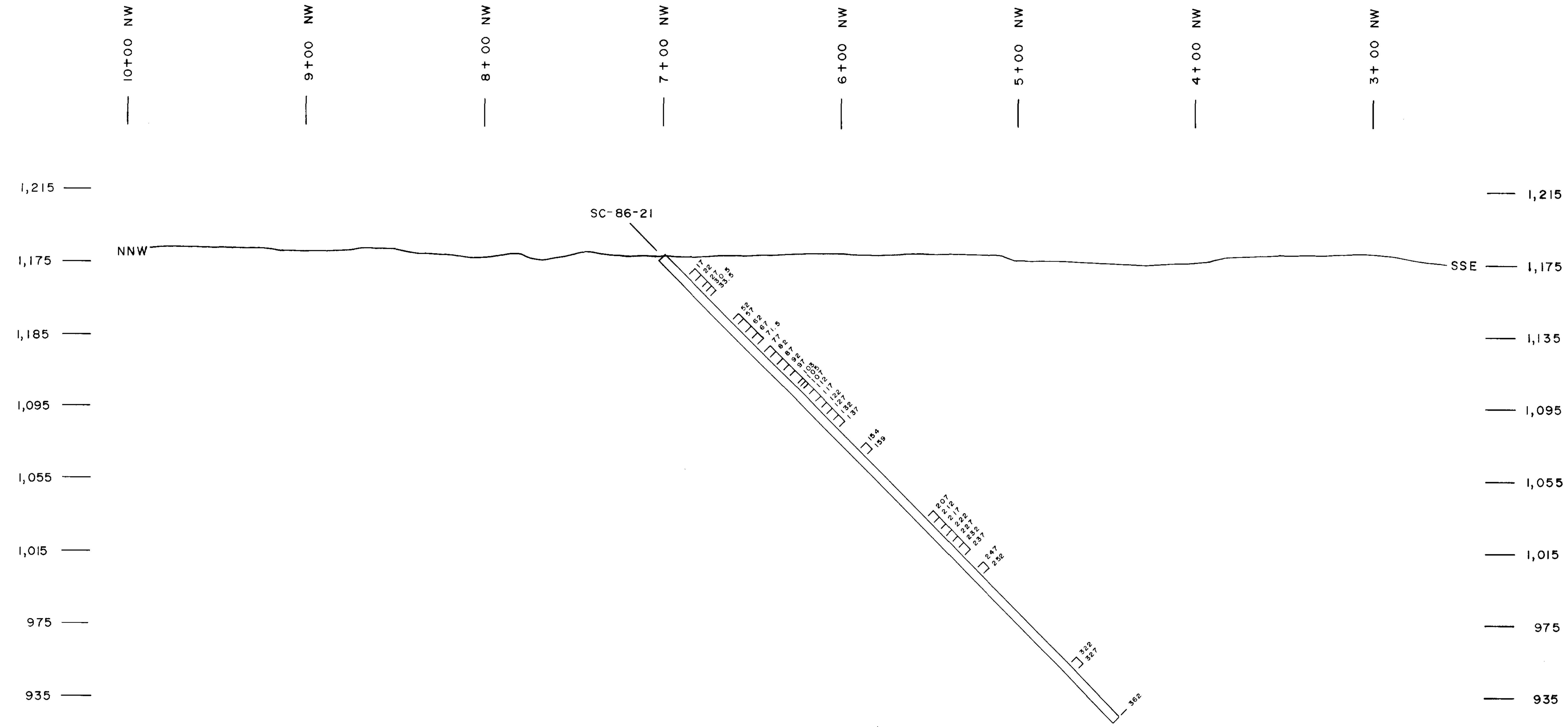
CALNOR RESOURCES LTD.

SECTION 32+00 NE (SC-86-6)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-18

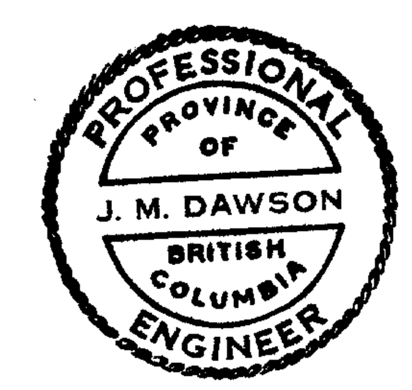


ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz. / ton
SC-86-21	17 - 22	Tr.
	22 - 27	Nil
	27 - 30.5	Tr.
	30.5 - 33.5	Nil
	52 - 57	Nil
	57 - 62	0.01
	62 - 67	Tr.
	67 - 71.5	0.01
	77 - 82	Nil
	82 - 87	0.08
	87 - 92	0.01
	92 - 97	0.05
	97 - 103	0.01
	103 - 105	0.10
	105 - 107	0.07
	107 - 112	Tr.
	112 - 117	0.04
	117 - 122	0.02
	122 - 127	0.01
	127 - 132	0.09
	132 - 137	0.01
	154 - 159	Tr.
	207 - 212	Tr.
	212 - 217	Tr.
	217 - 222	Tr.
	222 - 227	Nil
	227 - 232	Tr.
	232 - 237	Tr.
	247 - 252	Nil
	322 - 327	Tr.

Gold soil geochemical anomaly

Indian Bay 33



CALNOR RESOURCES LTD.

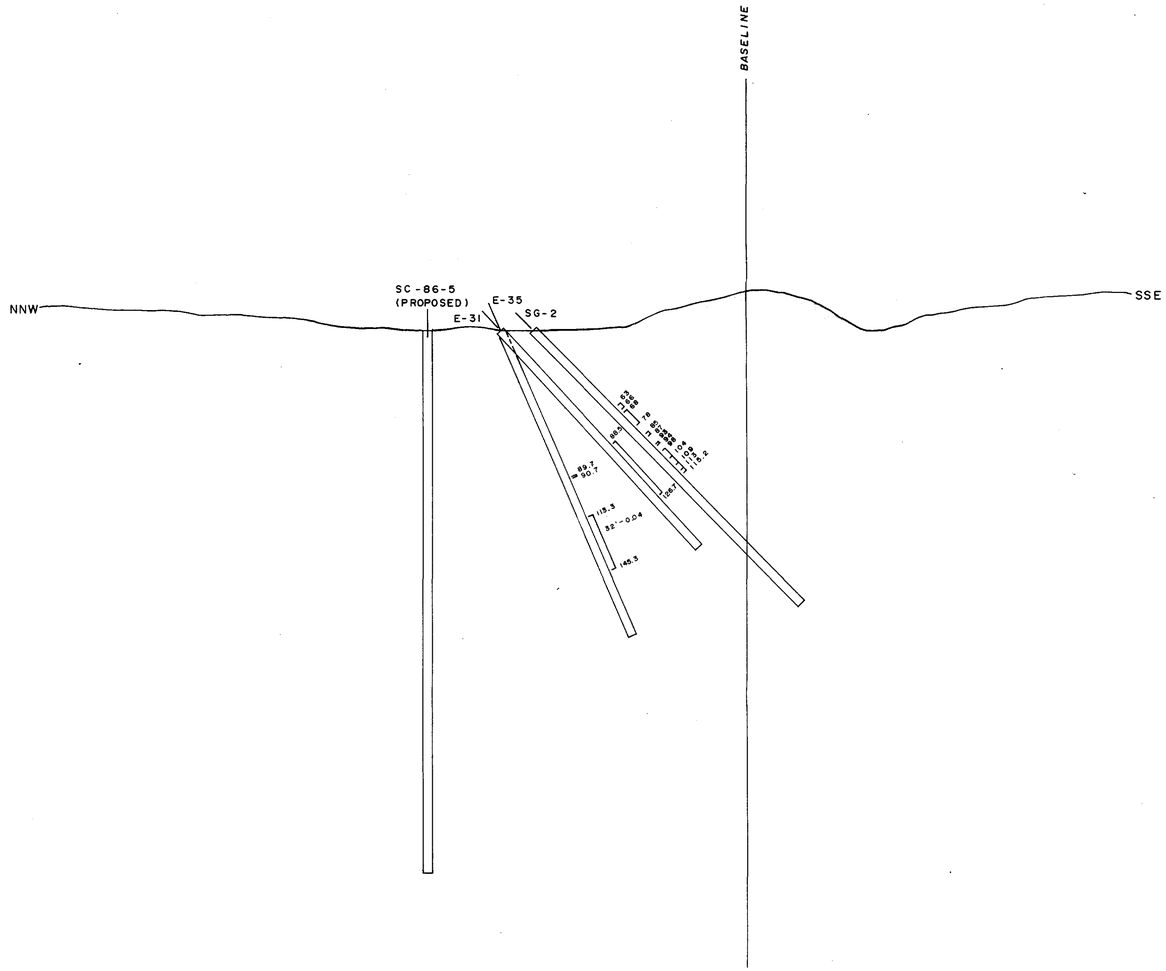
SECTION 32+00 NE (SC-86-21)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1" = 40' (10 0 10 20 30 40 50 feet)
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-26

330



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
E-31	88.5 - 126.7	0.20
E-35	89.7 - 90.7	0.04
	113.3 - 145.3	0.04
SG-2	63 - 66	0.01
	68 - 78	0.09
	85 - 87	0.015
	93 - 94	0.02
	98 - 104	0.02
	104 - 109	0.04
	113 - 115.2	0.04

Gold soil geochemical anomaly

Ladner Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

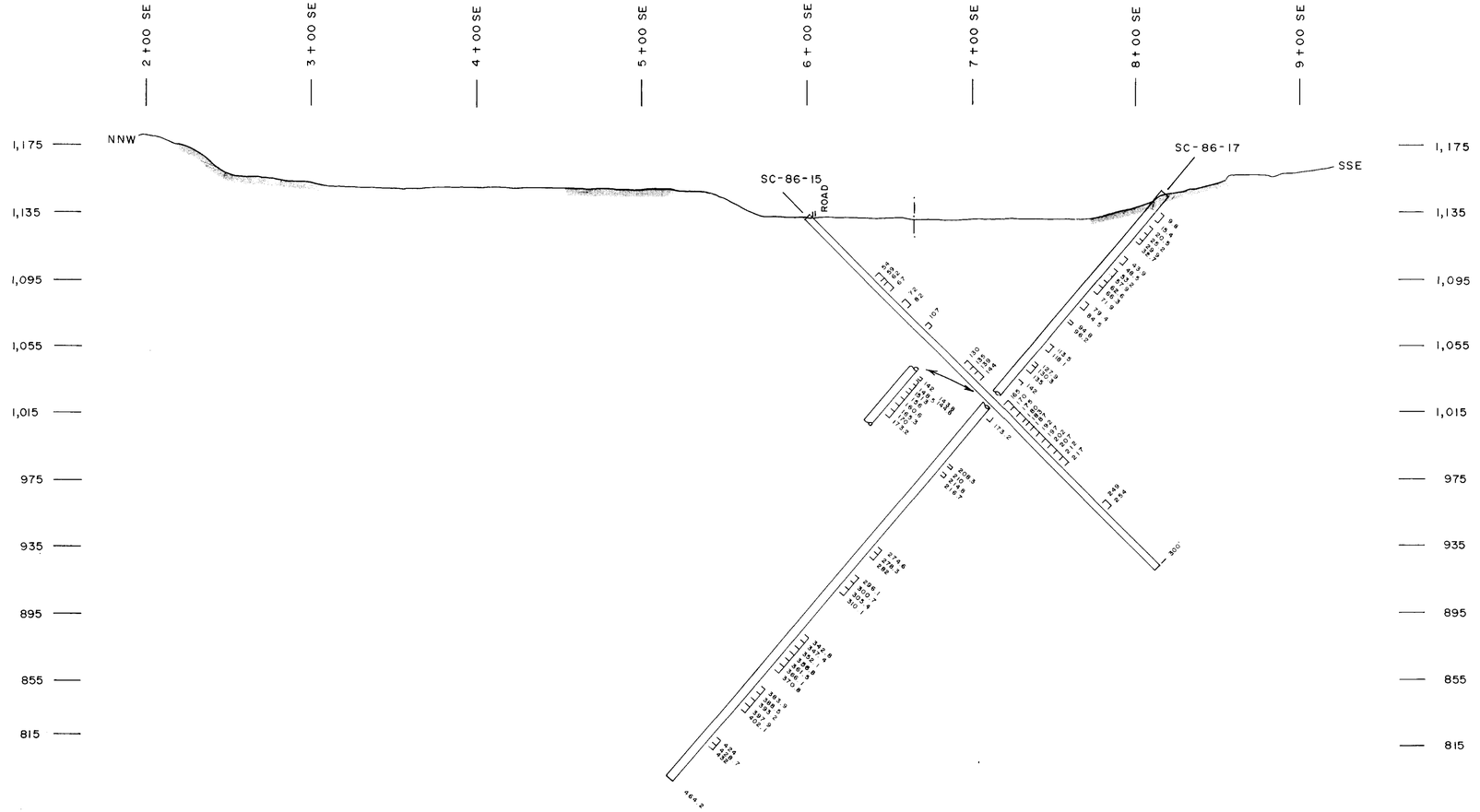
CALNOR RESOURCES LTD.

SECTION 32+00 NE
"C" ZONE

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' 10 0 10 20 30 40 60 feet
DRAWN BY: P.J.M.	DATE: MARCH, 1986
APPROVED BY: J.M. DAWSON, P.ENG.	DRAWING NO.: 386-8



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz. / ton
SC-86-15	54 - 59	0.05
	59 - 62	0.01
	62 - 67	0.01
	77 - 82	Tr.
	107 - 110	Tr.
	130 - 135	Tr.
	135 - 139	0.03
	139 - 144	0.01
	165 - 170	Tr.
	170 - 175	Tr.
	175 - 180	Tr.
	180 - 183	Tr.
	183 - 187	Tr.
	187 - 192	0.02
	192 - 197	0.01
	197 - 202	0.01
	202 - 207	0.08
	207 - 212	0.05
	212 - 217	0.08
	249 - 254	Tr.
SC-86-17	9.8 - 15.4	0.01
	20.5 - 25.2	Tr.
	25.2 - 29.9	Tr.
	29.9 - 32.7	Nil
	43.9 - 48.5	0.01
	53.2 - 57.9	Tr.
	57.9 - 62.6	Tr.
	62.6 - 66.3	Tr.
	66.3 - 71.9	0.02
	79.4 - 84.5	0.03
	94.8 - 96.2	Tr.
	113.5 - 118.1	Tr.
	127.9 - 130.3	Tr.
	130.3 - 135	0.01
	142 - 143.8	0.08
	144.8 - 148.5	Tr.
	148.5 - 151.3	0.17
	151.3 - 156	0.02
	156 - 160.6	0.02
	160.6 - 165.3	0.04
	165.3 - 170	0.13
	170 - 173.2	0.02
	208.3 - 210	Tr.
	214.8 - 216.7	0.01
	274.6 - 278.3	0.01
	278.3 - 282.1	Tr.
	296.1 - 300.7	Tr.
	300.7 - 305.4	Tr.
	305.4 - 310.1	0.01
	342.8 - 347.4	Tr.
	347.4 - 352.1	Tr.
	352.1 - 356.8	Tr.
	356.8 - 361.5	0.01
	361.5 - 366.1	Tr.
	366.1 - 370.8	Tr.
	383.9 - 388.5	0.01
	388.5 - 393.2	Tr.
	393.2 - 397.9	Tr.
	424. - 428.7	Tr.
	428 - 432	Nil

NOTE: The intersections of SC-86-17 are projected onto the plane of the section

Gold soil geochemical anomaly

Axis of VLF-EM conductor

Indian Bay 33

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J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 32 + 50NE (SC-86-15)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

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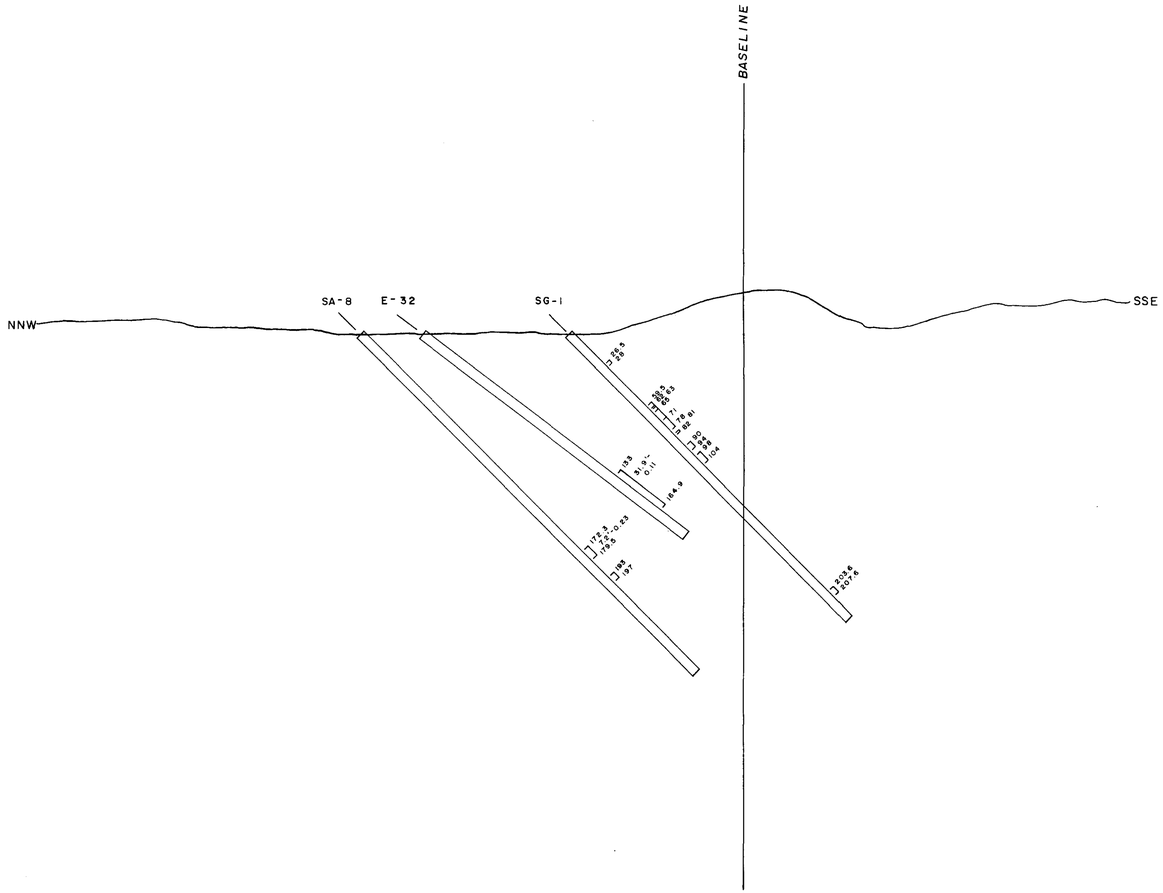

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SA-8	172.3 - 179.5	0.23
	193 - 197	0.06
	197 - 199	0.01
E-32	133 - 164.9	0.11
SG-1	27 - 28	0.43
	59.5 - 78	0.07
	81 - 82	0.02
	90 - 94	0.06
	98 - 104	0.01

Gold soil geochemical anomaly

Section Boy 33

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J. M. DAWSON

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SECTION 32+50 NE
"C" ZONE
HIGH LAKE PROPERTY
KENORA MINING DISTRICT
ONTARIO

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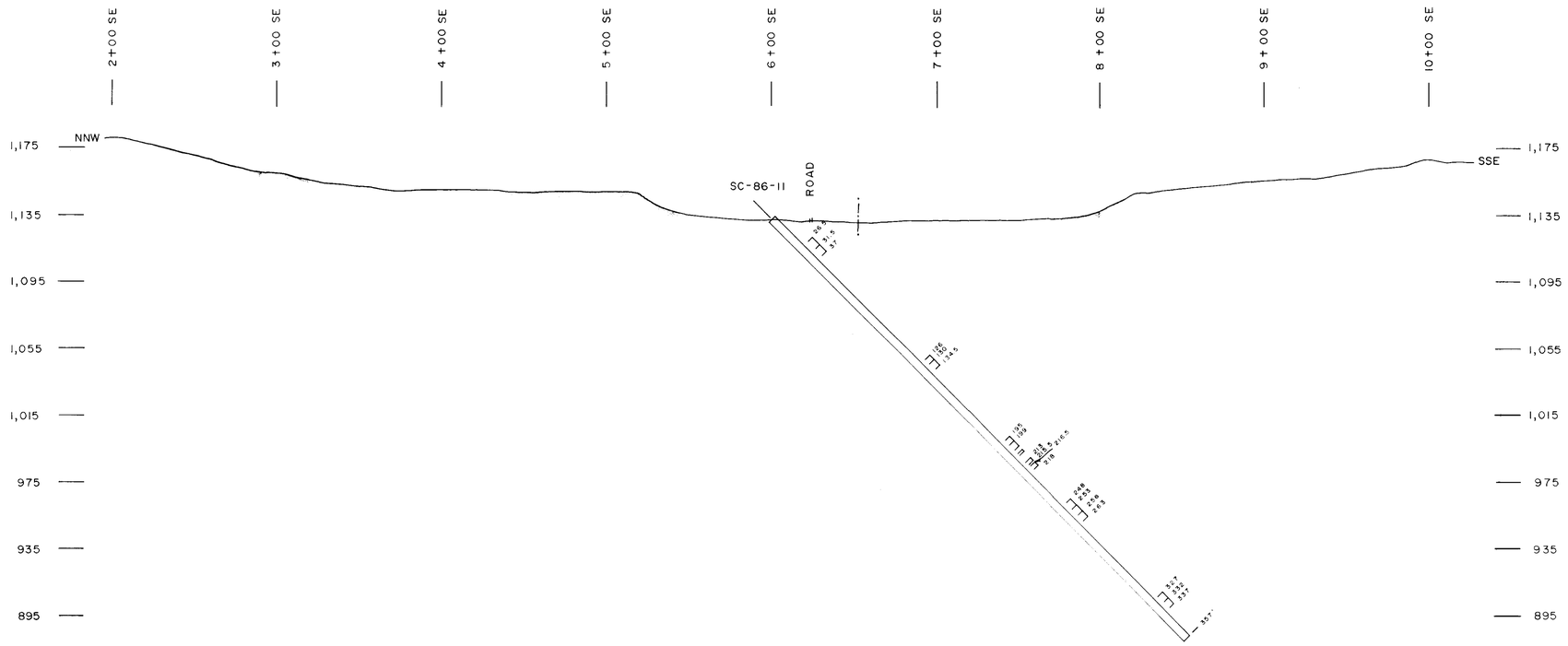

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-11	26.5 - 31.5	Tr.
	31.5 - 37	0.01
	126 - 130	0.01
	130 - 134.5	0.02
	195 - 199	Tr.
	199 - 203	0.09
	206 - 207.5	Tr.
	213 - 215.5	0.03
	215.5 - 219	Tr.
	248 - 253	Nil
	253 - 258	Nil
	258 - 263	Tr.
	327 - 332	Nil
	332 - 337	Tr.

Gold geochemical soil anomaly

Axis of VLF-EM conductor

Indian Bay 33

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SECTION 33+00 NE
(SC-86-11)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

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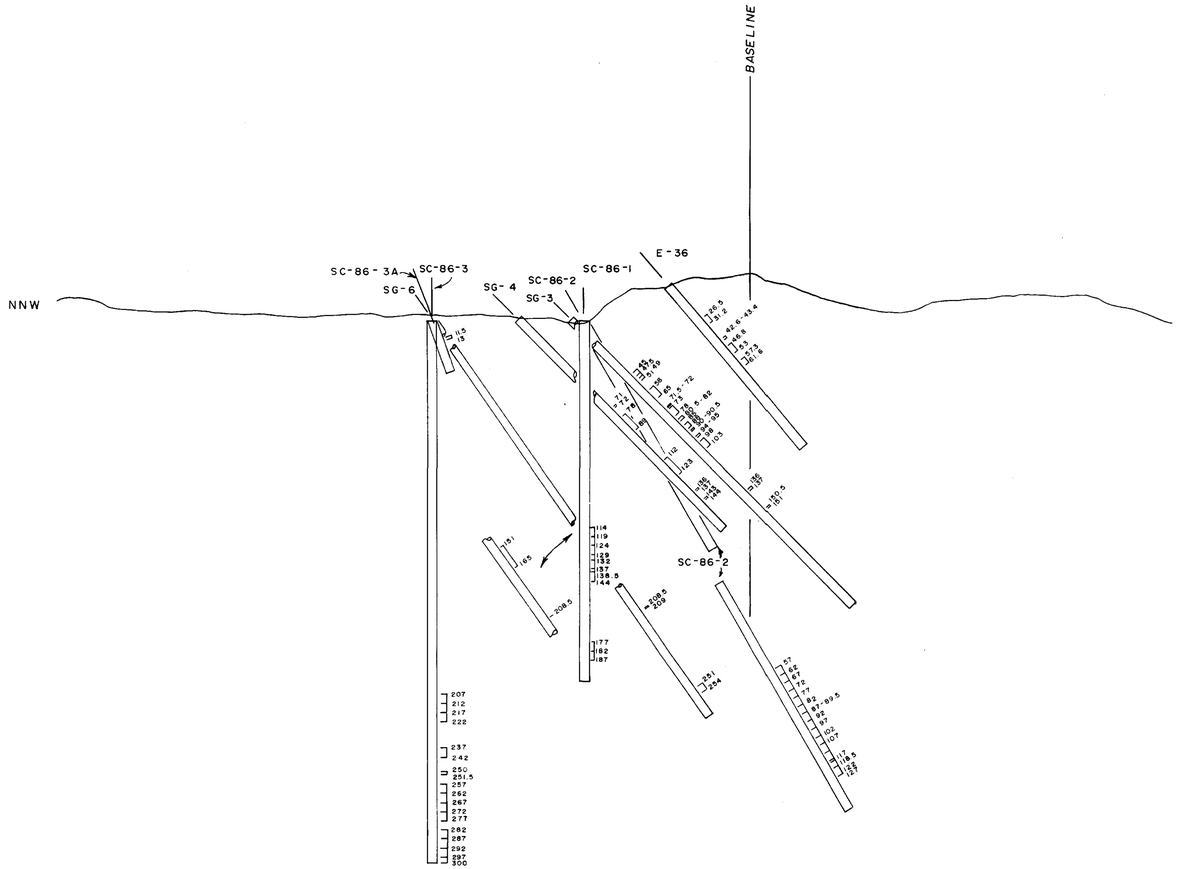

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
E-36	26.5 - 31.2	0.08
	42.6 - 43.4	0.15
	46.8 - 53.0	2.74
	57.3 - 61.6	0.03
SG-3	45 - 47.5	0.05
	47.5 - 49	3.44
	49 - 51	0.07
	58 - 65	0.18
	71.5 - 72	0.13
	73 - 78	0.48
	80.5 - 82	0.10
	85 - 88	0.04
	90 - 90.5	0.67
	94 - 95	0.06
	98 - 103	0.20
	136 - 137	0.01
	150.5 - 151	0.01
SG-4	71 - 72	0.08
	78 - 89	0.267
	112 - 123	0.08
	136 - 137	0.02
	143 - 144	0.04
SC-86-1	114 - 119	0.04
	119 - 124	0.08
	124 - 129	Tr.
	129 - 132	Tr.
	132 - 137	Tr.
	137 - 138.5	Tr.
	138.5 - 144	Nil
	182 - 187	Tr.
SG-6	151 - 165	0.13
	208.5 - 209	0.51
	251 - 254	0.02

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-2	57 - 62	Tr.
	62 - 67	0.01
	67 - 72	0.03
	72 - 77	0.03
	77 - 82	0.03
	82 - 87	0.03
	87 - 87.5	Tr.
	89.5 - 92	1.42
	92 - 97	0.02
	97 - 102	0.28
	102 - 107	0.05
	107 - 112	0.04
	112 - 117	Tr.
	117 - 118.5	0.10
	118.5 - 122	Tr.
	122 - 127	Tr.
SC-86-3A	11.5 - 13	Tr.
SC-86-3	207 - 212	Tr.
	212 - 217	Tr.
	217 - 222	Tr.
	237 - 242	Tr.
	250 - 251.2	Tr.
	257 - 262	Tr.
	262 - 267	Tr.
	267 - 272	Tr.
	282 - 287	Tr.
	287 - 292	Tr.
	292 - 297	Tr.
	297 - 300	Tr.

Gold soil geochemical anomaly

Section 33

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 33+00NE
"C" ZONE
HIGH LAKE PROPERTY
KENORA MINING DISTRICT
ONTARIO

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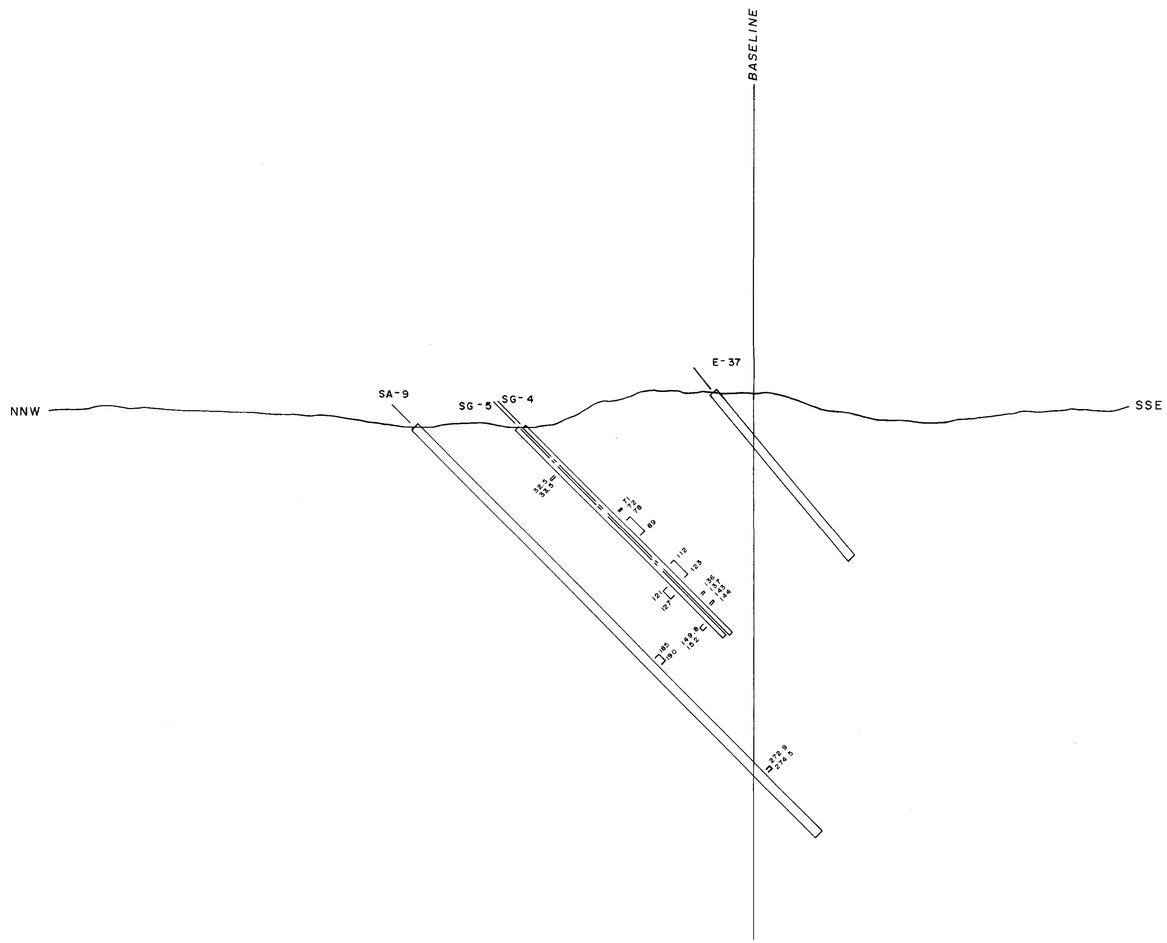

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SA-9	180 - 190	0.01
	272.9-274.5	0.01
SG-4	71 - 72	0.08
	78 - 89	0.0267
	112 - 123	0.09
	136 - 137	0.02
	143 - 144	0.09
SG-5	32.5 - 33.5	0.17
	121 - 127	0.07
	149.8 - 152	0.01
E-37	NO ASSAYS	

Gold soil geochemical anomaly

PROFESSIONAL ENGINEER
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J. M. DAWSON

Goodwin Bay 33

CALNOR RESOURCES LTD.

SECTION 33+50 NE
"C" ZONE

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (10 0 10 20 30 40 50 Feet)
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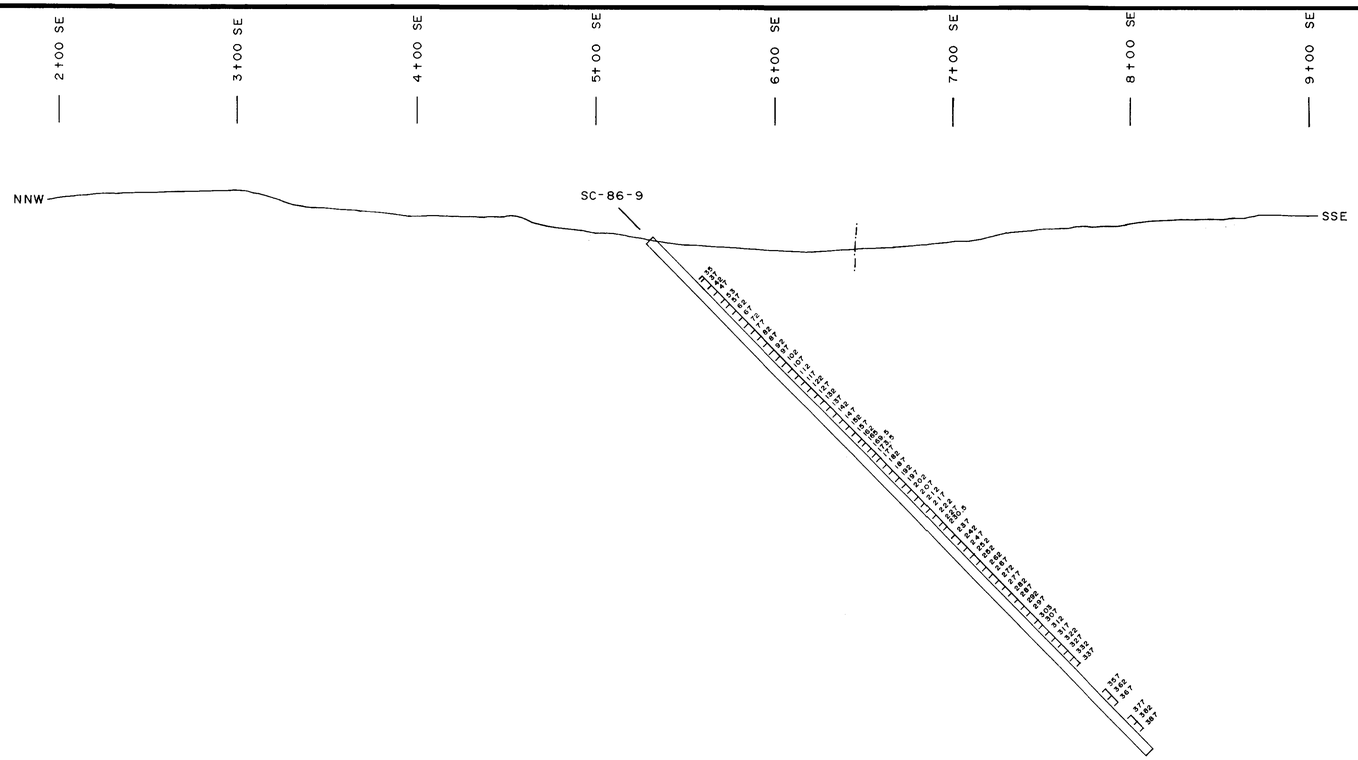

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-9	35 - 37	Tr.
	37 - 42	Tr.
	42 - 47	Tr.
	47 - 53	Tr.
	53 - 57	Tr.
	57 - 62	Tr.
	62 - 67	Tr.
	67 - 72	Tr.
	72 - 77	Tr.
	77 - 82	Tr.
	82 - 87	Nil
	87 - 92	Nil
	92 - 97	Nil
	97 - 102	Tr.
	102 - 107	Tr.
	107 - 112	Tr.
	112 - 117	Tr.
	117 - 122	0.03
	122 - 127	Nil
	127 - 132	Tr.
	132 - 137	Tr.
	137 - 142	Tr.
	142 - 147	Tr.
	147 - 152	Tr.
	152 - 157	Tr.
	157 - 162	Tr.
	162 - 165	Tr.
	165 - 169.5	Tr.
	169.5-173.5	Tr.
	173.5- 177	0.01
	177 - 182	0.05
	182 - 187	0.01
	187 - 192	Tr.
	192 - 197	Tr.
	197 - 202	Tr.
	202 - 207	Tr.
	207 - 212	Tr.
	212 - 217	0.02
	217 - 222	Tr.
	222 - 227	Tr.
	227 - 230.5	Tr.
	230.5- 237	Tr.
	237 - 242	Tr.
	242 - 247	0.02
	247 - 252	0.08
	252 - 257	Nil
	257 - 262	0.01
	262 - 267	0.01
	267 - 272	Tr.
	272 - 277	Tr.
	277 - 282	Tr.
	282 - 287	Tr.
	287 - 292	0.01
	292 - 297	Tr.
	297 - 303	0.02
	303 - 307	0.21
	307 - 312	0.01
	312 - 317	Tr.
	317 - 322	Nil
	322 - 327	Nil
	327 - 332	Nil
	332 - 337	Nil
	357 - 362	Tr.
	362 - 367	Nil
	377 - 382	Tr.
	382 - 387	Nil

Gold soil geochemical anomaly

Axis of VLF - EM conductor

Indian Bay 33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 34+00 NE
(SC-86-9)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

TECHNICAL WORK BY: DAWSON GEOLOGICAL CONS. LTD.	SCALE: 1"=40' (0 10 20 30 40 50 feet)
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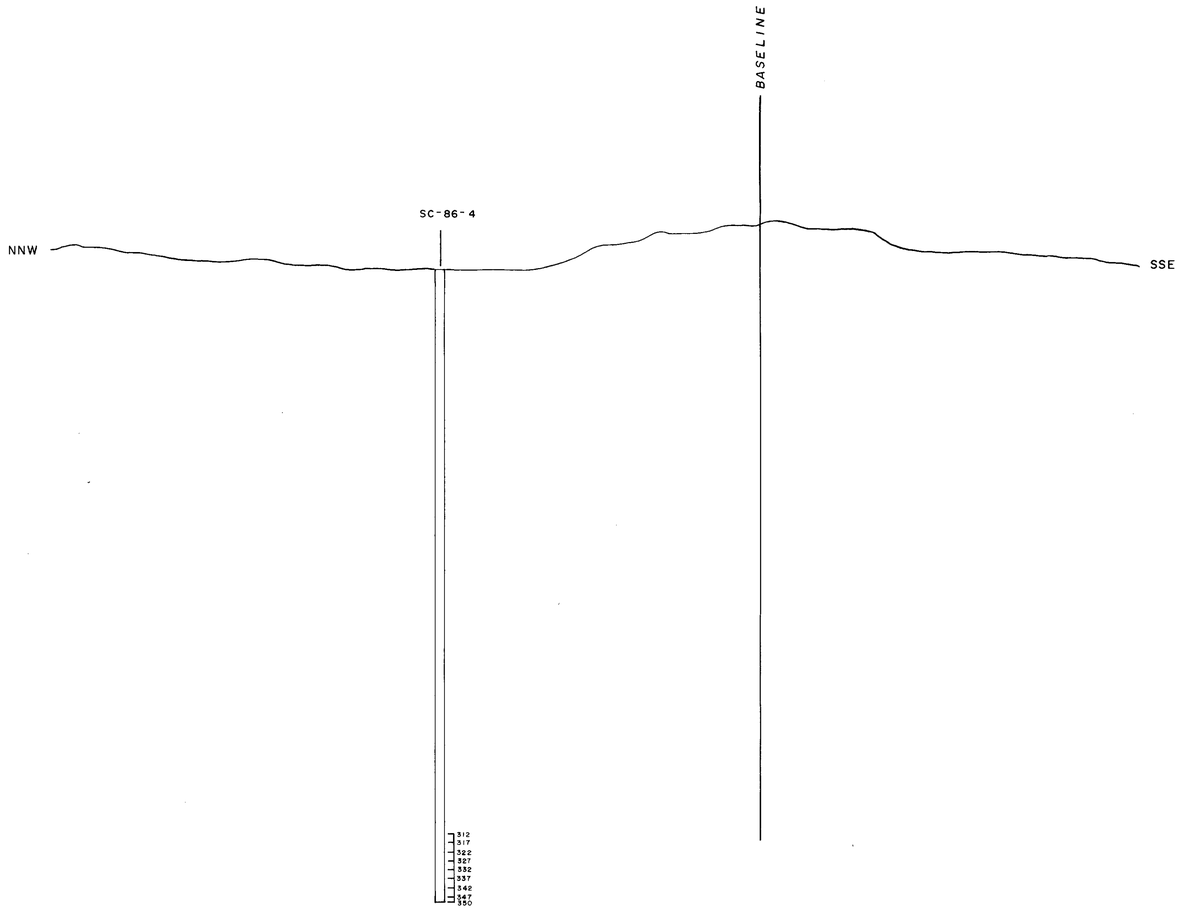

ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-4	312 - 317	Tr.
	317 - 322	Tr.
	322 - 327	Nil
	327 - 332	Tr.
	332 - 337	Tr.
	337 - 342	Tr.
	342 - 347	Tr.
	347 - 350	Tr.

Gold soil geochemical anomaly

Indian Bay 33

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PROVINCE OF BRITISH COLUMBIA
J. M. DAWSON

CALNOR RESOURCES LTD.

SECTION 34+00 NE
"C" ZONE

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

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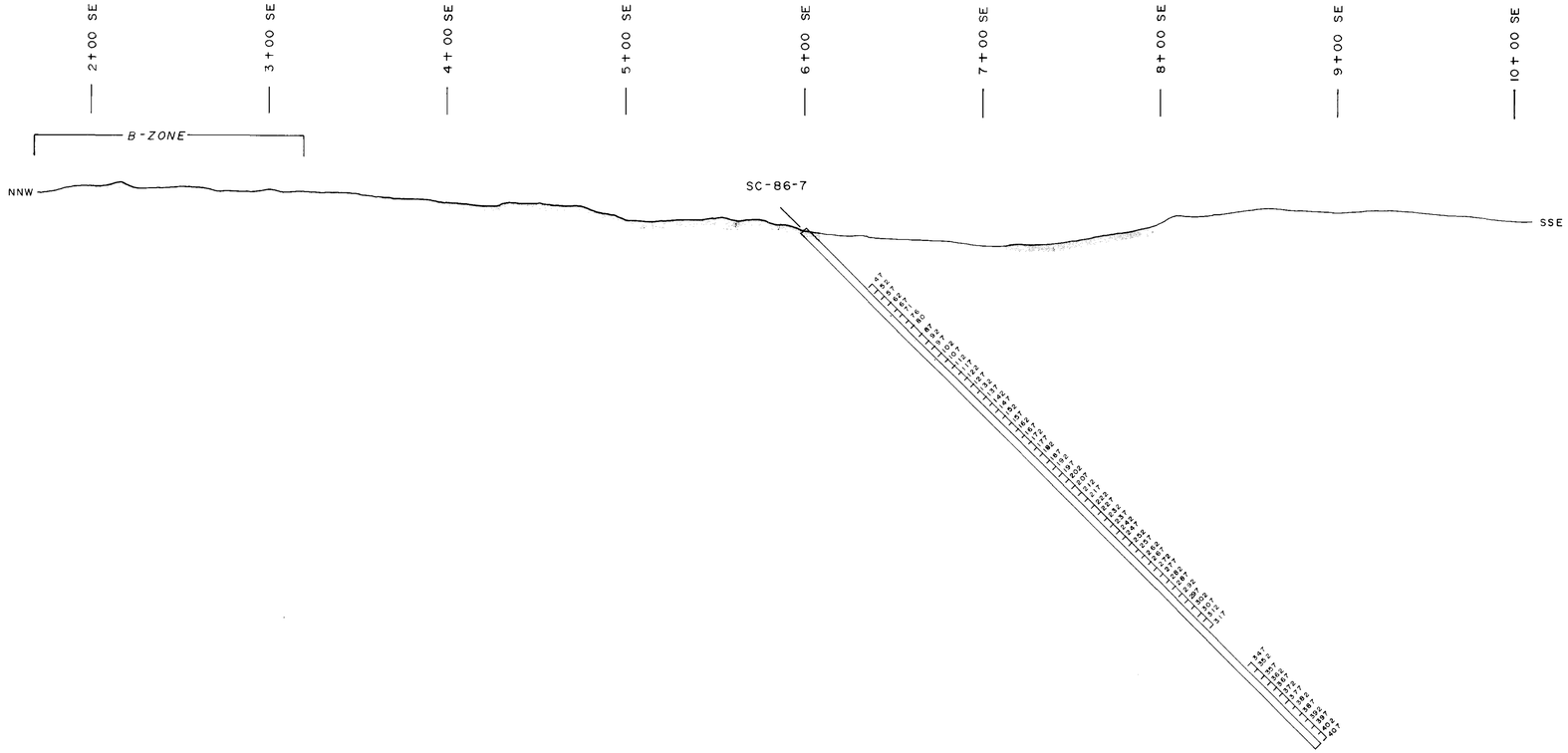
52E11NE9232 33 EMART

410



ASSAY DATA

DRILL HOLE	ASSAY INTERVAL	GOLD oz./ton
SC-86-7	47 - 52	Tr.
	52 - 57	Tr.
	57 - 62	Tr.
	62 - 67	Tr.
	67 - 71	Tr.
	71 - 76	0.01
	76 - 80	0.01
	80 - 87	Tr.
	87 - 92	Tr.
	92 - 97	0.01
	97 - 102	0.02
	102 - 107	0.01
	107 - 112	Tr.
	112 - 117	Tr.
	117 - 122	0.08
	122 - 127	0.03
	127 - 132	0.03
	132 - 137	0.02
	137 - 142	Tr.
	142 - 147	Tr.
	147 - 152	Tr.
	152 - 157	Tr.
	157 - 162	Tr.
	162 - 167	0.01
	167 - 172	Tr.
	172 - 177	Tr.
	177 - 182	Tr.
	182 - 187	Tr.
	187 - 192	Tr.
	192 - 197	Tr.
	197 - 202	Tr.
	202 - 207	Tr.
	207 - 212	Tr.
	212 - 217	Tr.
	217 - 221	Tr.
	221 - 227	Tr
	227 - 232	Tr.
	232 - 237	Tr.
	237 - 242	Tr.
	242 - 247	Nil
	247 - 252	Tr
	252 - 257	Nil
	257 - 262	Nil
	262 - 267	Tr.
	267 - 272	Nil
	272 - 277	Tr.
	277 - 282	Nil
	282 - 287	Nil
	287 - 292	Nil
	292 - 297	Nil
	297 - 302	Nil
	302 - 307	Nil
	307 - 312	Nil
	312 - 317	Nil
	347 - 352	Nil
	352 - 357	Nil
	357 - 362	Nil
	362 - 367	Tr.
	367 - 372	Nil
	372 - 377	Nil
	377 - 382	Nil
	382 - 387	Nil
	387 - 392	Tr.
	392 - 397	Tr.
	397 - 402	Tr.
	402 - 407	Tr.

Gold soil geochemical anomaly

Indian Bay 33

PROFESSIONAL ENGINEER
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CALNOR RESOURCES LTD.

SECTION 36+00NE
(SC-86-7)

HIGH LAKE PROPERTY

KENORA MINING DISTRICT
ONTARIO

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