

LOG NO: NOV 18 1993 RD.
ACTION:
FILE NO:

DIAMOND DRILLING
on the
CAROL GROUP CLAIMS
CASSIAR DISTRICT
LIARD MINING DIVISION
BRITISH COLUMBIA

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,090

Nanaimo, British Columbia
October 14, 1993

R.T. Garvey, B.Sc., P.Eng.

SUMMARY

Mr. Doug Busat embarked on exploration in the Cassiar area of north central British Columbia by entering a partnership with Camille Berube, and the two have been active joint venture partners conducting exploration on a property 20 km east of Cassiar since 1990. The property consists of 12 contiguous 20 unit claims straddling McDame Creek and the Stewart-Cassiar Highway (Hwy 37). - refer to Figure 1, Property Location Map, and Figure 2, Claim Map. Considerable diamond drilling for gold and base metals, and limited prospecting and reconnaissance mapping was carried out prior to the work described in this report and is recorded in a report entitled "DIAMOND DRILLING REPORT on the CL and CAROL GROUP claims, Cassiar, B.C., October, 1990". by Lesley C. Mortimer, B.Sc.

Since May, 1992, Mr. Berube as operator, has continued to carry out diamond drilling to bring the CAROL GROUP claims to a more advanced stage, and identify any potentially economic targets that may be present.

A total of 1,567.4 meters of core drilling was carried out in fourteen holes between May 15, 1992 and August 29, 1993. The drilling program was designed to test zones considered geologically favourable for gold mineralization based on the observation of sulphide mineralization in bedrock unearthed while placer mining was in progress on the Berube placer claim.

Gold values from drill core were generally disappointing, however silver and zinc values over a 2.5m width at the bottom of hole CL26 are encouraging. The field program was curtailed prematurely due to difficult ground conditions, and the inability of a light-weight drill rig to continue operating, thereby preventing an accurate assessment of the Ag-Zn target.

Because of the lack of detailed exploration, and the extent of overburden coverage, the Carol Group claims have not been thoroughly investigated for Ag-Zn mineralization and therefore continue to be prospective in nature for additional exploration of limited scope.

The potential for gold mineralization has been adequately tested and the writer believes no further work is warranted with respect to gold.

A limited program of line-cutting followed by gravity and induced polarization surveying is recommended to locate sub-surface Ag-Pb-Zn mineralization. In addition, holes CL26 and CL28 should be deepened to determine the thickness of Ag-Zn mineralization intersected in the bottom of hole CL26. The cost of the recommended work is estimated at \$25,000.00.

TABLE OF CONTENTS

SUMMARY	(i)
1.0 INTRODUCTION	1.
2.0 LOCATION AND ACCESS	5.
3.0 REGIONAL GEOLOGY	6.
4.0 PROPERTY GEOLOGY	7.
5.0 ECONOMIC GEOLOGY	9.
6.0 DIAMOND DRILLING	11.
7.0 CONCLUSIONS	14.
8.0 RECOMMENDATIONS	15.
9.0 CERTIFICATE OF QUALIFICATIONS	16.
BIBLIOGRAPHY	17.

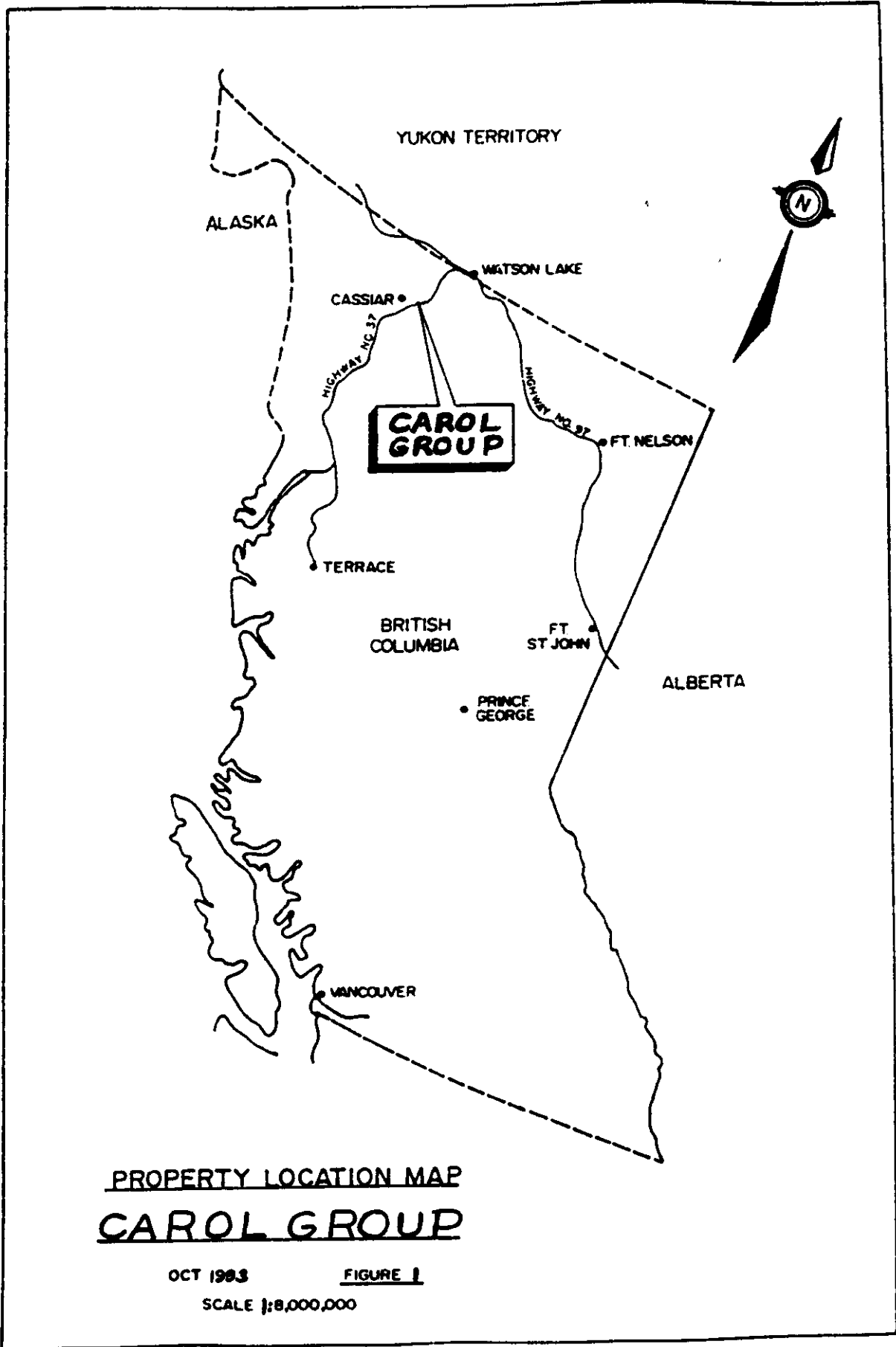
APPENDIX A	-CERTIFICATES OF ANALYSIS and SAMPLE RECORDS
APPENDIX B	-DRILL HOLE CROSS SECTIONS
APPENDIX C	-DRILL HOLE LOGS
BACK POCKET	-MAP A

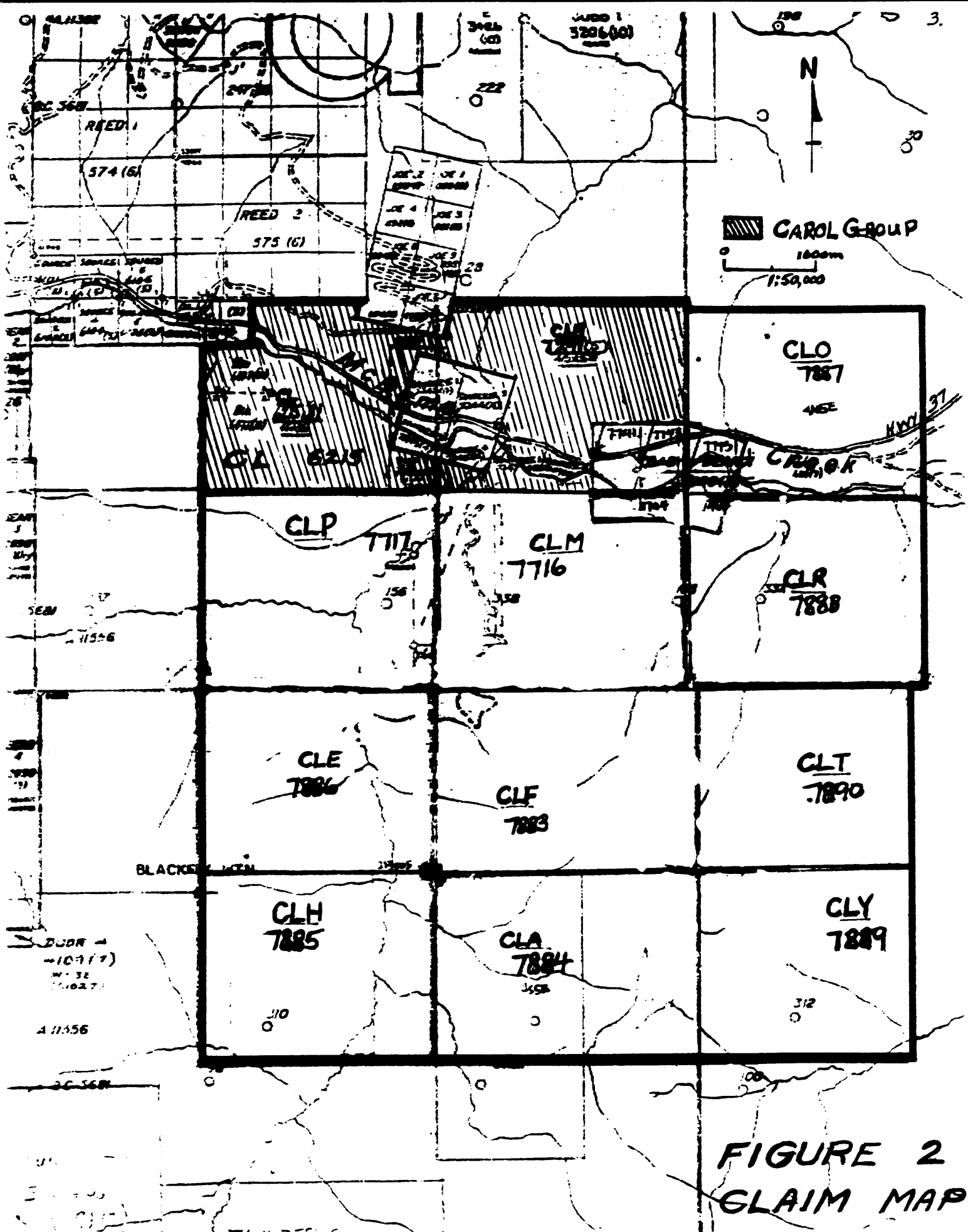
1.0 INTRODUCTION

At the request of Mr. Doug Busat, joint venture partner of the Carol Group Property, the writer embarked on a program of logging core from a two-year diamond drilling project, and supervising the drilling of the final hole of a fourteen hole program.

This report describes and analyses the significance of gold and base metal mineralization obtained in diamond drilling. The writer resided in a field camp on the property for the period August 5 to August 31, 1993.

The claims are located in an area that was originally investigated for placer gold as far back as 1874, and indeed, is still receiving attention to-day. A sketch of the claims appears in Figure 2.





CLAIM RECORD

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>TENURE NUMBER</u>	<u>NO. OF UNITS</u>	<u>EXPIRY DATE</u>
CL	6215	224148	20	AUG 16, 1995 <u>**</u>
CLB	7291	225201	20	MAY 22, 1995 <u>**</u>
CLP	7717	225621	20	AUG 16, 1994
CLM	7716	225620	20	AUG 15, 1994
CLE	7886	225787	20	SEPT 14, 1994
CLA	7884	225785	20	SEPT 14, 1994
CLF	7883	225784	20	SEPT 14, 1994
CLH	7885	225786	20	SEPT 14, 1994
CLO	7887	225788	20	SEPT 27, 1994
CLR	7888	225789	20	SEPT 27, 1994
CLT	7890	225791	20	SEPT 27, 1994
CLY	7889	225790	20	SEPT 27, 1994

** - PENDING ACCEPTANCE OF THIS REPORT FOR ASSESSMENT CREDIT

2.0 LOCATION AND ACCESS

The Carol Goup property straddles Hwy 37 and McDame Creek near Centreville, in north central British Columbia, once a centre for placer mining in the area (refer to Figure 1, p.2, Figure 2, p.3, and Map A, in back pocket). Easy access is afforded by travelling 20 kilometers east from Cassiar Asbestos Mine along Hwy 37, or 130 kilometers southwest from Watson Lake, Yukon. Drilling was carried out on both sides of Hwy 37 at Centreville using roads and trails established from earlier placer mining in the area. All holes are within 1/2 kilometer of the highway in a mountain valley where relief is gentle to moderate and forest cover is generally mixed spruce, pine and poplar.

3.0 REGIONAL GEOLOGY

Within the McDame map-area, stratified consolidated rocks of marine origin range in age from Proterozoic to Mississippian. The assemblage has been folded and faulted, and intruded by Mesozoic granitic rocks. Tertiary sediments and basalts occur locally.

The Horseranch, Good Hope, Atan, Kechika, Sandpile and McDame Groups are essentially cyclic repetitions of limestone, dolomite, quartzite, shale and siltstone. The Sylvester Group is a combination of sediments and volcanics overlying the McDame Group.

A thin mantle of glacial drift covers the area and outcrops are very sparse. For a more complete description of the regional geology refer to G.S.C. Memoir 319, "McDame MAP-AREA, CASSIAR DISTRICT, BRITISH COLUMBIA" by Hubert Gabrielse.

4.0 PROPERTY GEOLOGY

The CL and CLB claims, forming the CAROL GROUP, are underlain by rocks of the Good Hope and Atan Groups. They are PreCambrian to Lower Cambrian in age, and conformable. The older Good Hope Group consists of interbedded dolomitic limestone, argillaceous limestone, shale, siltstone and quartzite approximately 1,500m thick and east of the Cassiar Mountains. The unit is well exposed in road cuts near Good Hope Lake. The strata are characterized by conspicuous bedding resulting from differences in the colour of calcareous and argillaceous beds, and the presence of grey to faintly rose quartzites. Dolomitic limestone is the predominant rock unit varying from dark grey (nearly black) to cream-buff and from fine-grained to coarse-grained. Thin-bedded sections are argillaceous or sandy. Oolitic dolomitic limestone is not abundant, but forms distinctive beds, emphasized by darker grey spherical structures 1-2 mm in diameter. Occasionally the beds have thin partings that are schistose, chloritic &/or graphitic.

Thinly laminated, calcareous shale and siltstone units are common and range from light grey to dark grey and buff in colour. Chlorite is abundant on schist planes along with minor sericite, and locally beds are intricately contorted, apparently the result of intraformational flowage.

The units dip vertically or steeply south and strike generally 110 degrees. Numerous faults are evident in drill core and probably represent small thrust faults parallel to the axial plane of the main fold (or drag folds) of the northwest trending anticline that is the major structure present in the area.

Highly brecciated sections and dolomitized rocks occur throughout the core. Several major longitudinal faults have been recognized in the area with considerable displacement.

The Good Hope Group appears to be overlain conformably by the Atan Group of Lower Cambrian age. Similarly the Atan Group is comprised of dolomitic limestone, quartzite, shale and siltstone, and they are generally pronounced and thinly bedded, with fine to coarse-grained dolomitic limestone varying in colour from light grey and buff to black, interbedded with grey to pinkish quartzite, dark grey shale and buff-coloured siltstone. The quartzite ranges in purity from almost entirely well-rounded and sorted quartz grains to those in which the argillaceous content predominates. The argillaceous variety includes beds of shale and siltstone, with narrow crossbedded sections, and is commonly chloritic on schist planes.

Silver-lead-zinc minerals have replaced dolomitized limestone of the Good Hope Group, and to a lesser degree, quartzite of the Atan Group.

5.0 ECONOMIC GEOLOGY

The region includes a wide variety of mineral deposits. Until the early 60's most of the mining activity was concerned with the recovery of placer gold, although a number of lode-gold deposits exist in the area. Since the early 50's the production of placer gold has been less significant and the only important mineral production in the area has come from the Cassiar Asbestos mine. Base metal exploration has been conducted throughout the region, but only minor shipments of ore, mainly for test purposes, have been made.

Many classifications of mineral deposits exist in the area and appear to be controlled by the type of host rock and the proximity to granitic intrusive rocks. The drilling was carried out in Cambrian carbonates and associated sediments, which host most of the known silver-lead-zinc deposits in the area.

Approximately 1.5 kilometers southeast of the Carol Group claims lies the McDame Belle Ag-Pb-Zn deposit (including the Cariboo and Yellowjack zones). The property is on McDame Creek and was originally staked in 1900 and worked by means of an adit driven into the canyon wall. The property was held from 1949 by John Bartle of Good Hope Lake and in turn by Ventures Mining Ltd. from 1963. Extensive exploration work was carried out by Ventures from 1963 to 1965 including geologic mapping, geophysics and diamond drilling. Reserves were estimated in 1965 at 30,000 tons grading 8.6 oz/t Ag, 3.6% Pb, 3.0% Zn and 0.35% Cu in massive, well-bedded, grey limestone and minor fine-grained quartzite of the Atan Group. The company apparently abandoned the property in about 1976.

Approximately 2.0 kilometers north northwest of the Carol Group claims lies the Joe Reed deposit (also known as the Iron Cap or Dome deposit). The showings were discovered in 1937 by Joe Reed and worked intermittently until 1971, and consist of a fault occupied by a quartz vein up to 0.65m in width along the hangingwall and up to 1.65m of pyrite, galena and sphalerite mineralization along the brecciated footwall. Trenching and diamond drilling outlined a mineralized structure 170m long, 60m in depth, with an average width of 1.5m. Reserves are estimated at 40,000 tonnes grading approximately 7.0 oz/t Ag, 5.5% Pb, and 4.1% Zn in a faulted clastic-carbonate contact of steeply dipping Atan Group sediments.

Approximately 2.0 kilometers south of the Carol Group claims lies the Ram deposit described as "quartz veins in argillite, mineralized with tetrahedrite". Exploration by Fawn Bay Development in 1969 consisted of mapping, trenching, and 240m of diamond drilling in 5 holes, but grade and reserve figures are not available.

6.0 DIAMOND DRILLING

A program of 14 diamond drill holes, CL15 to CL28, was carried out over the period May 15, 1992 to August 29, 1993 to test for the existence of potentially economic mineralization on the Carol Group claims (refer to Map A in rear pocket). Drill hole locations were determined by Mr. Camille Berube based on the observation of sulphide mineralization in bedrock during the excavation of placer sands and gravels on the Berube and Zimich placer claims. The first 13 drill holes in this phase of the overall exploration program were "wild-cat" in nature, being drilled without benefit of detailed geological or geophysical input. The writer arrived on the property to supervise the drilling of the final hole (CL28) and log all core from the fourteen-hole program (Cross sections of the drill holes can be found in APPENDIX B). Mr. Camille Berube, joint venture partner in the claims, drilled the holes utilizing a light-weight Hydracore diamond drill, and is providing core storage at his residence on the Berube placer claim.

A total of 1,567.4 meters of drilling was completed and details of the program can be found in the DRILL HOLE SUMMARY (p. 13), and drill logs in APPENDIX C.

Core recovery was good, and all significant zones of alteration &/or shearing and higher sulphide concentration were sampled and assayed for gold. Selected samples were also assayed for silver and zinc. A total of 134 samples were assayed in Whitehorse, Yukon by Northern Analytical Laboratories Ltd., and the results are found in APPENDIX A (Assay Certificates and Sample Records). Low concentrations of iron sulphide are ubiquitous in the sediments

encountered by the drilling, and are unrelated to economic mineralization based on assay results.

Only 152m of drill rods were on hand for the drilling program due to the light-weight nature of the drill equipment. This led to inconclusive results in hole CL26 where the final 2.5m intersected encouraging silver-zinc mineralization, but a true thickness of the zone could not be determined. Hole CL28 designed to intersect the up-dip extension of the zone was aborted due to difficult ground conditions and the inability of a light-weight drill to overcome these difficulties.

DRILL HOLE SUMMARY
CAROL GROUP PROPERTY

HOLE NO.	DIP	AZ	FINAL DEPTH (m)	CUMM. METERAGE	DATE STARTED	DATE COMPLETED
CL15	-38	318	94.5	94.5	MAY 15/92	JUNE 7/92
CL16	-37	31	80.0	174.5	JUNE 12/92	JUNE 21/92
CL17	-89	10	157.0	325.5	JUNE 24/92	JULY 20/92
CL18	-35	35	79.5	405.0	JULY 22/92	AUG 16/92
CL19	-76	18	90.0	495.0	AUG 23/92	SEPT 13/92
CL20	-56	192	91.5	586.5	MAY 15/93	MAY 21/93
CL21	-82	243	89.7	676.2	MAY 24/93	JUNE 6/93
CL22	-50	52	97.2	773.4	JUNE 8/93	JUNE 16/93
CL23	-80	358	64.7	838.1	JUNE 17/93	JUNE 21/93
CL24	-45	32	149.7	987.8	JUNE 24/93	JULY 4/93
CL25	-42	360	157.5	1139.3	JULY 6/93	JULY 16/93
CL26	-37	360	157.5	1290.8	JULY 19/93	JULY 29/93
CL27	-46	20	157.5	1442.3	JULY 31/93	AUG 9/93
CL28	-30	360	125.1	1,567.4	AUG 21/93	AUG 29/93

7.0 CONCLUSIONS

Results of the drilling program were generally disappointing for gold mineralization with the highest assay being 954 ppb over 0.9m (sample No. 13936, hole CL17); however the field program is considered a qualified success, and the property remains prospective in nature for silver-lead-zinc, as hole CL26 returned 2.5m averaging 125 g/t Ag. and 3.0% Zn in carbonates at the bottom of the hole. This zone should be examined in more detail by drilling. Although no economic base metal deposits have been discovered in the immediate area, the combination of structural setting and mineral association similar to producing properties elsewhere, and the relatively low cost of achieving a detailed understanding of mineralization in CL26, justifies the expenditure of limited funds.

Difficulties were experienced with the drill rig employed in highly fractured ground which led to abandoning hole CL28 prematurely to avoid the possibility of losing the string of drill rods. The drill performed admirably when used within its design limits but for deeper holes and larger scale drill programs, a larger capacity rig should be employed.

8.0 RECOMMENDATIONS

It is the writer's opinion that further work, of limited scope in its initial phase, is warranted on the property as significant zinc and silver mineralization found in hole CL26 has not been adequately tested to determine its economic potential. As a first step, hole CL26 should be deepened by at least 30m. Casing has been pulled from this hole, therefore it will likely be necessary to re-drill the entire section to determine the true thickness of the mineralization and the nature of the rock beneath it. In addition, the bottom 25m of hole CL28 should be cemented to control caving, and the hole should be re-drilled in an effort to deepen it to locate the up-dip extension of the silver-zinc mineralization encountered in CL26.

These recommendations will require a larger capacity drill rig, preferably with wire-line rods, to avoid problems similar to those previously experienced, to complete approximately 350m of drilling. If these initial steps yield negative results, no further work is warranted on the property. If results are positive, a second phase program would include establishing a grid on the north side of Hwy 37 and extend northward for a minimum of 500m with cross-lines at 100m intervals and stations at 25m spacing. Geophysics in the form of Induced Polarization and Gravity surveying should be carried out to guide future trenching &/or drilling efforts.



Respectfully submitted
R.T. Garvey

9.0 CERTIFICATE OF QUALIFICATIONS

I, Raymond T. Garvey, of 16 The Links Road, Willowdale, Ontario, do hereby certify that:

- 1) I graduated Queen's University, Kingston, Ontario, in 1972 with the degree of Bachelor of Applied Science, Engineering Geology.
- 2) I am a member in good standing of The Association of Professional Engineers of the Province of Ontario.
- 3) I have been practicing my profession for twenty years.
- 4) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Carol Group Property.
- 5) The statements contained in this report and the conclusions reached are based upon my review of all the available data on the property and an examination of the drill core and a visit to the property from August 5 to August 29, 1993.

Toronto, Ontario
October, 1993

R.T. Garvey, B.Sc., P.Eng.



BIBLIOGRAPHY

Mortimer, L.C. (1990): DIAMOND DRILLING REPORT ON THE CL AND CAROL GROUP CLAIMS, CASSIAR, B.C.

MINFILE NO.: 104 P/6: MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES, MINERAL RESOURCES DIVISION, -GEOLOGICAL SURVEY BRANCH

Hall, B.V. (1984): GEOCHEMICAL REPORT ON THE BAD BEAR CLAIM GROUP, CASSIAR, B.C., LIARD MINING DIVISION.

Harivel, C. (1973): REPORT ON GEOLOGICAL MAPPING, GEOCHEMICAL SURVEYS AND DIAMOND DRILLING, CANADIAN SUPERIOR EXPLORATION LIMITED, MT. REED PROJECT.

Gabrielse, H. (1963): McDAME MAP-AREA, CASSIAR DISTRICT, BRITISH COLUMBIA. MEMOIR 319. GEOLOGICAL SURVEY OF CANADA.

APPENDIX A

CERTIFICATES OF ANALYSIS

and

SAMPLE RECORDS

3-Aug-93 date

Assay Certificate

Page 1

D. Oilfield Services

WO 00273

Sample	Au ppb	Ag g/l	Zn %
13901	11		
13902	8		
13903	7		
13904	6		
13905	6		
13906	14		
13907	8		
13908	9		
13909	10		
13910	51		
13911	7		0.004
13912	11		0.003
13913	25		0.003
13914	17		0.170
13915	10		0.007
13916	16	58.0	2.45
13917	50	172.9	3.24
13918	33		
13919	77		
13920	16		
13921	100	29.6	
13922	28		
13923	381		
13924	17		
13925	25		
13926	53		
13927	345		
13928	29	<1.0	
13929	291		
13930	130		
13931	44		
13932	687		
13933	43		
13934	338		
13935	145		
13936	954		
13937	16		
13938	89		
13939	289		
13940	373		
13941	<5		
13942	31		

certified by



Aug-93 date

Assay Certificate

O. Oilfield Services

WO 002

Sample	Au ppb	Ag g/t	Zn %
13943	7		
13944	91		
13945	53		
13946	26		
13947	17		
13948	39		
13949	66		
13950	21		
13951	27		
13952	56		
13953	30		
13954	17		
13955	17		
13956	19		
13957	11		
13958	7		
13959	20		
13960	233		
13961	5		
13962	8		
13963	868		
13964	1924		
13965	24		
13966	91		
13967	7		
13968	46		
13969	<5		
13970	24		
13971	12		
13972	10		
13973	7		
13974	6		
13975	6		
13976	5		
13977	<5		
13978	<5		
13979	<5		

Note: Nugget effects from coarse gold were indicated by poor repeatability of gold analyses.

Analysed by



Sep-93date

Assay Certificate

Page 1

Oilfield Services

WO 00290

Sample Au ppb

13980	9
13981	9
13982	57
13983	22
13984	12
13985	27
13986	115
13987	54
13988	11
13989	21
13990	6
13991	5
13992	5
13993	17
13994	3
13995	10
13996	5
13997	5
13998	5
13999	268
14000	5
23601	5
23602	10
23603	111
23604	19
23605	34
23606	45
23607	6
23608	7
23609	6
23610	7
23611	16
23612	25
23613	8
23614	24
23615	9
23616	5
23617	10
23618	3
23619	3
23620	45
23621	45

certified by



Sep-93date

Assay Certificate

Page 2

Oilfield Services

WO 00290

Sample

Au ppb

23622	45
23623	5
23624	5
23625	6
23626	6
23627	8
23628	9
23629	20
23630	24
23631	3
23632	7
23633	5
23634	7
23635	7
23636	5

Certified by



SAMPLE RECORD - CAROL GROUP DRILLING

DDH #: CL26 SAMPLE #	INTERVAL (m)		SAMPLE WIDTH	Au	
	FROM	TO		PPB	OZ / TON
13901	17.9	18.0	0.1	11	
13902	47.8	45.5	0.7	8	
13903	76.7	77.4	0.7	7	
13904	79.0	79.7	0.7	6	
13905	100.5	101.7	1.2	8	
13906	104.50	104.65	0.15	14	
13907	128.7	129.0	0.3	8	
13908	135.5	136.5	1.0	9	
13909	131.2	132.0	0.8	10	
13910	141.0	141.8	0.8	51	
13911	142.2	143.7	1.5	7	
"					
13912	143.7	145.2	1.5	11	* (0.004 % Zn) *
"					
13913	145.2	146.7	1.5	25	* (0.003 % Zn) *
"					
13914	146.7	148.2	1.5	17	* (0.003 % Zn) *
"					
13915	148.2	149.0	0.8	10	* (0.170 % Zn) *
"					
13916	149.0	150.25	1.25	16	* (0.007 % Zn) *
"					
13917	150.25	151.47	1.22	50	* (2.450 % Zn) *
"					
"					* (58.0.9 g/t Ag) *
"					
13918	151.47	151.52	0.05	33	* (3.240 % Zn) *
					* (172.9 g/t Ag) *

SAMPLE RECORD - CAROL GROUP DRILLING

DDH #: CL15 SAMPLE #	INTERVAL (m)		SAMPLE WIDTH	Au	
	FROM	TO		PPB	OZ/TON
13919	7.5	8.5	1.0	77	
13920	15.5	16.7	1.2	16	
13921	37.0	37.3	0.3	100	
"				* (29.6	9/t Ag)*
13922	38.00	38.35	0.35	28	
13923	53.0	54.0	1.0	381	
13924	70.3	70.8	0.5	17	
13925	78.2	79.0	0.8	25	
13926	82.7	84.2	1.5	53	
13927	85.0	85.5	0.5	345	
13928	88.2	89.2	1.0	29	
"				* (<1.0	9/t Ag)*
DDH. #: CL17					
13929	13.6	15.0	1.4	291	
13930	18.0	19.0	1.0	130	
13931	37.0	38.0	1.0	44	
13932	44.5	46.0	1.5	687	
13933	57.9	60.0	2.1	43	
13934	63.5	64.6	1.1	338	
13935	78.2	79.2	1.0	145	
13936	83.6	84.5	0.9	954	
13937	86.7	88.0	1.3	16	
13938	88.2	89.4	1.2	89	
13939	89.4	90.1	0.7	289	
13940	100.3	101.3	1.0	373	
13941	116.4	118.0	1.6	<5	
13942	119.5	121.0	1.5	31	
13943	124.5	126.0	1.5	7	
13944	135.5	136.0	0.5	91	
13945	146.5	147.0	0.5	53	

SAMPLE RECORD - CAROL GROUP DRILLING

DDH # : CL24	INTERVAL (m)		SAMPLE WIDTH	Au	
	FROM	TO		PPB	OZ/TON
SAMPLE #					
13946	7.0	8.5	1.5	26	
13947	10.5	12.0	1.5	17	
13948	14.2	16.0	1.8	39	
13949	17.0	18.2	1.2	66	
13950	36.0	37.0	1.0	21	
13951	40.8	41.0	0.2	27	
13952	41.0	41.4	0.4	56	
13953	41.4	41.9	0.5	39	
13954	44.0	45.4	1.4	17	
13955	56.0	56.7	0.7	17	
13956	56.7	58.0	1.3	19	
13957	84.0	85.0	1.0	11	
13958	88.2	88.6	0.4	7	
13959	120.5	122.0	1.5	20	
13960	136.5	138.0	1.5	233	
DDH # : CL25					
13961	14.0	15.0	1.0	5	
13962	25.0	26.0	1.0	8	
13965	37.0	38.0	1.0	24	
13966	60.0	61.5	1.5	91	
13967	67.0	68.0	1.0	7	
13968	54.5	55.0	0.5	46	
13969	73.0	74.0	1.0	25	
13970	78.0	79.5	1.5	24	
13971	87.0	89.0	2.0	12	
13972	93.0	94.5	1.5	10	
13973	106.0	107.5	1.5	7	
13974	121.5	123.0	1.5	6	
13975	134.5	135.5	1.0	6	
13976	145.0	146.0	1.0	5	

SAMPLE RECORD - CAROL GROUP DRILLING

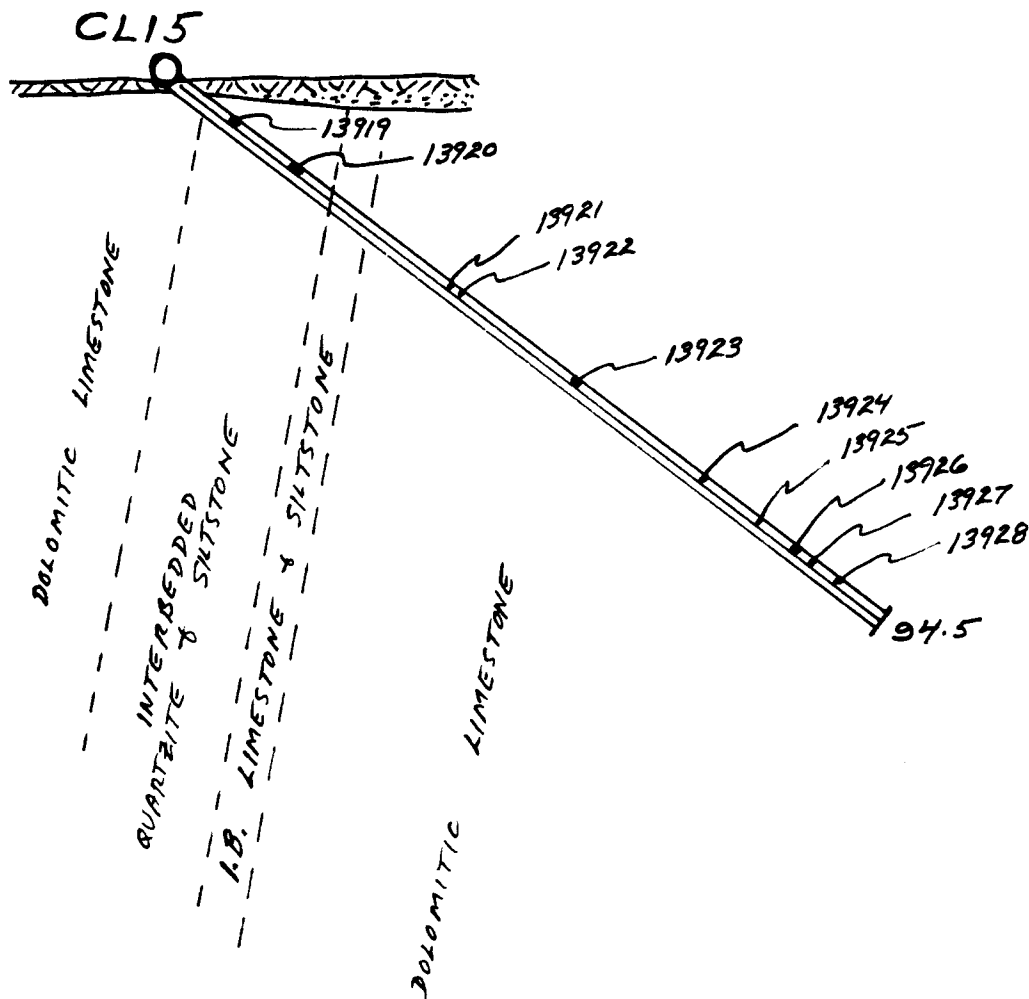
DDH # : CL27	INTERVAL (m)		SAMPLE WIDTH	Au	
	FROM	TO		PPB	oz / TON
13977	17.0	18.0	1.0	<5	
13978	130.0	131.0	1.0	<5	
13979	45.0	46.0	1.0	<5	
13980	60.0	61.0	1.0	9	
13981	80.0	81.0	1.0	9	
13982	86.5	87.0	0.5	67	
13983	94.0	95.5	1.5	22	
13984	104.0	106.0	2.0	12	
13985	115.0	116.5	1.5	22	
13986	128.0	129.5	1.5	115	
13987	140.0	141.0	1.0	54	
DDH.# : CL16					
13988	18.0	19.0	1.0	11	
13989	26.0	27.0	1.0	21	
13990	41.0	42.5	1.5	6	
13991	46.8	47.0	0.2	5	
13992	47.9	48.3	0.4	6	
13993	70.0	71.0	1.0	17	
DDH.# : CL19					
13994	4.0	5.0	1.0	9	
13995	19.0	20.0	1.0	10	
13996	39.0	40.0	1.0	6	
13997	59.0	60.0	1.0	6	
13998	80.0	81.0	1.0	8	
DDH.# : CL18					
13999	32.0	33.0	1.0	268	
14000	56.5	57.5	1.0	6	
23601	64.0	65.0	1.0	6	

SAMPLE RECORD - CAROL GROUP DRILLING

DDH # : CL23	INTERVAL (m)		SAMPLE WIDTH	Au	
	FROM	TO		PPB	oz/TON
23602	18.5	20.0	1.5	16	
23603	25.8	26.4	0.6	111	
23604	26.4	27.9	1.5	18	
23605	30.0	31.0	1.0	34	
23606	46.0	47.0	1.0	<5	
DDH.# : CL22					
23607	28.0	29.0	1.0	6	
23608	56.9	58.0	1.1	7	
23609	64.5	65.0	0.5	6	
23610	65.5	67.0	1.5	7	
23611	67.0	68.5	1.5	16	
23612	74.5	75.5	1.0	26	
23613	82.0	83.0	1.0	8	
23614	94.0	95.5	1.5	24	
DDH.# : CL21					
23615	5.8	6.3	0.5	9	
23616	23.0	24.5	1.5	6	
23617	58.0	59.0	1.0	29	
23618	63.0	64.5	1.5	8	
23619	75.0	76.5	1.5	6	
DDH.# : CL20					
23620	23.0	24.0	1.0	<5	
23621	49.0	50.0	1.0	<5	
23622	70.0	71.0	1.0	<5	
23623	84.0	85.0	1.0	6	

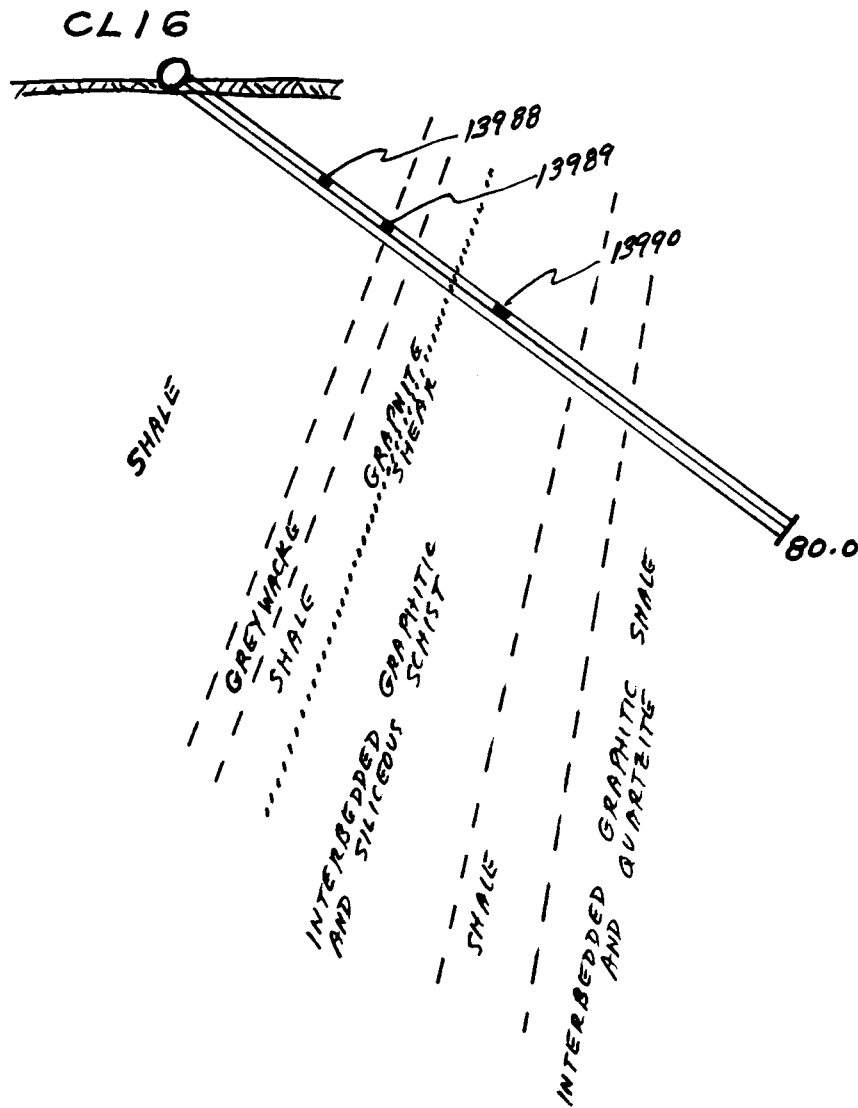
APPENDIX B

DRILL HOLE CROSS SECTIONS



13950 — SAMPLE NO.

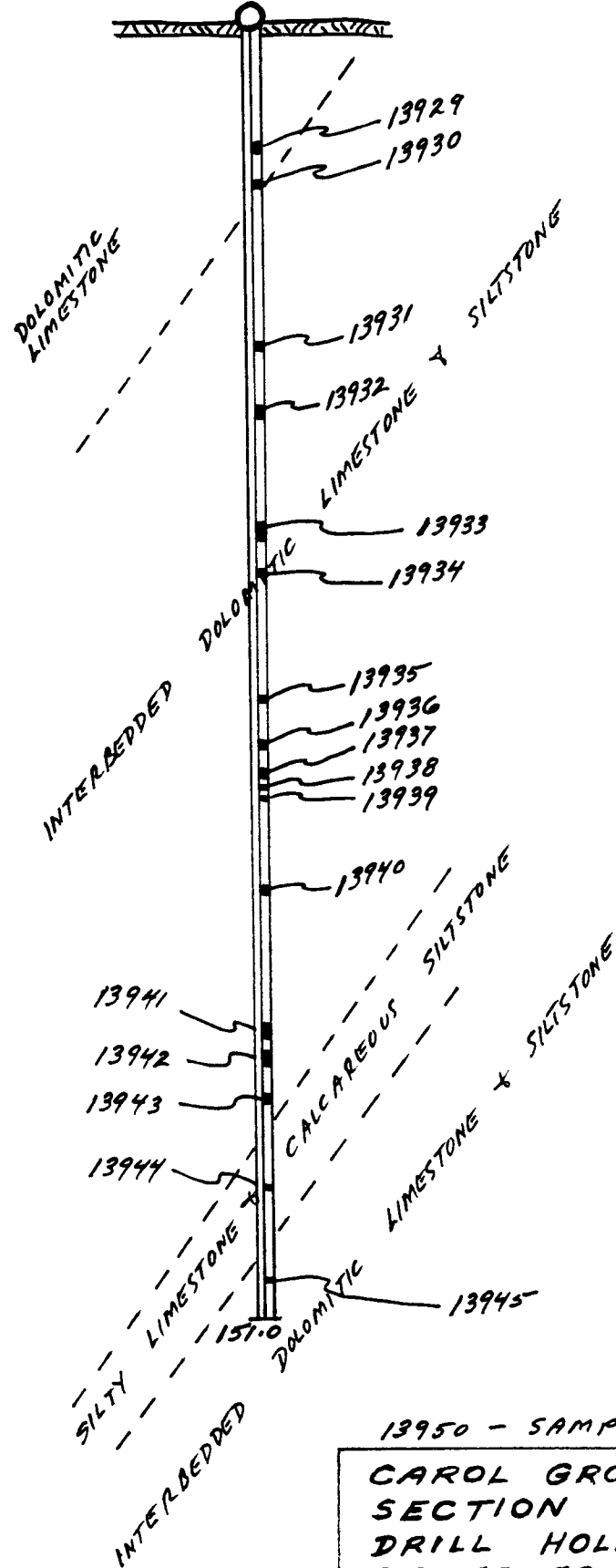
CAROL GROUP PROPERTY
 SECTION 10+20 W
 DRILL HOLE CL15
 OBSERVER LOOKING SW
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



13950 - SAMPLE NO.

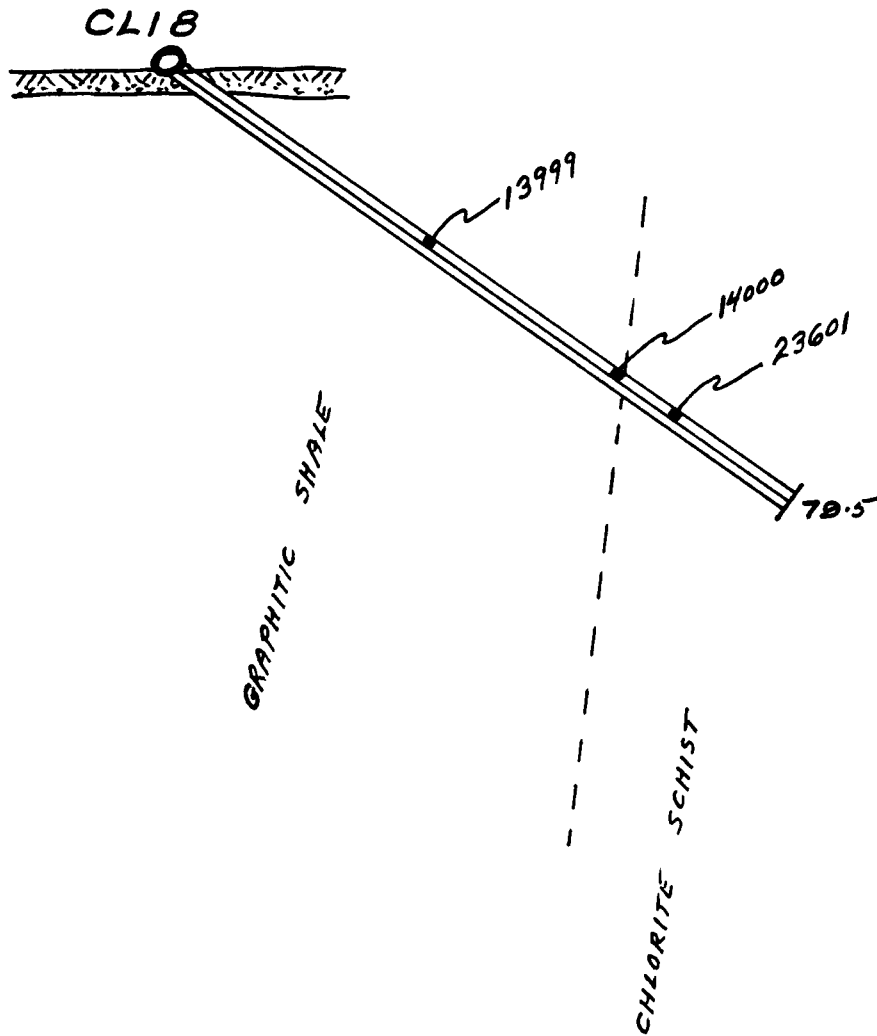
CAROL GROUP PROPERTY
 SECTION 16+75 W
 DRILL HOLE CL16
 OBSERVER LOOKING NW
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY

CL17



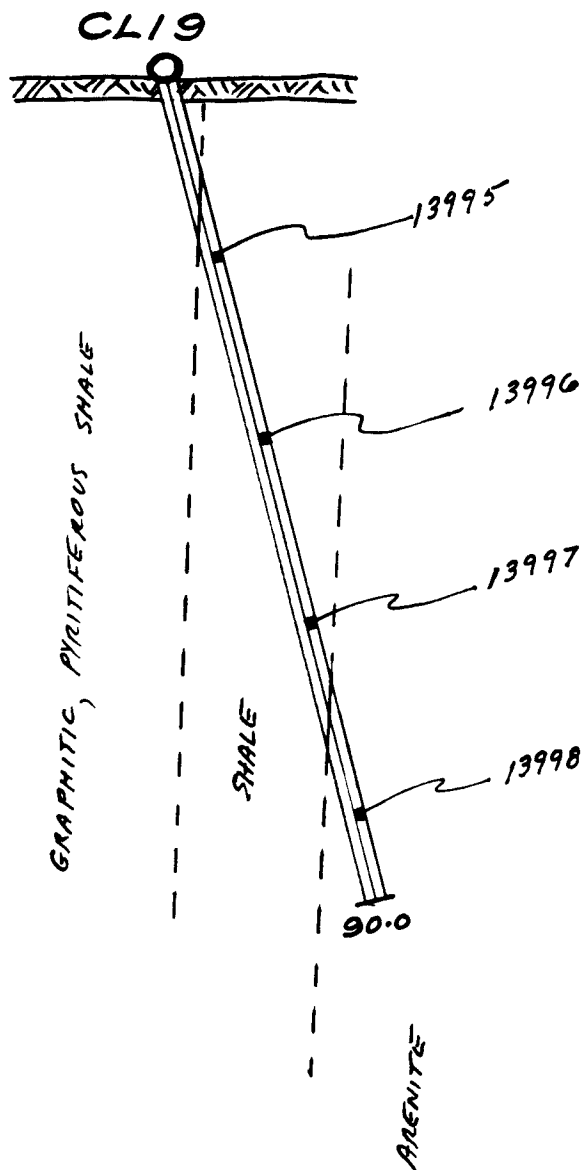
13950 - SAMPLE NO.

CAROL GROUP PROPERTY
SECTION 10+75 W
DRILL HOLE CL17
OBSERVER LOOKING WEST
SCALE: 1" = 20 METERS
DATE: OCTOBER, 1993
DRAWN BY: R. GARVEY



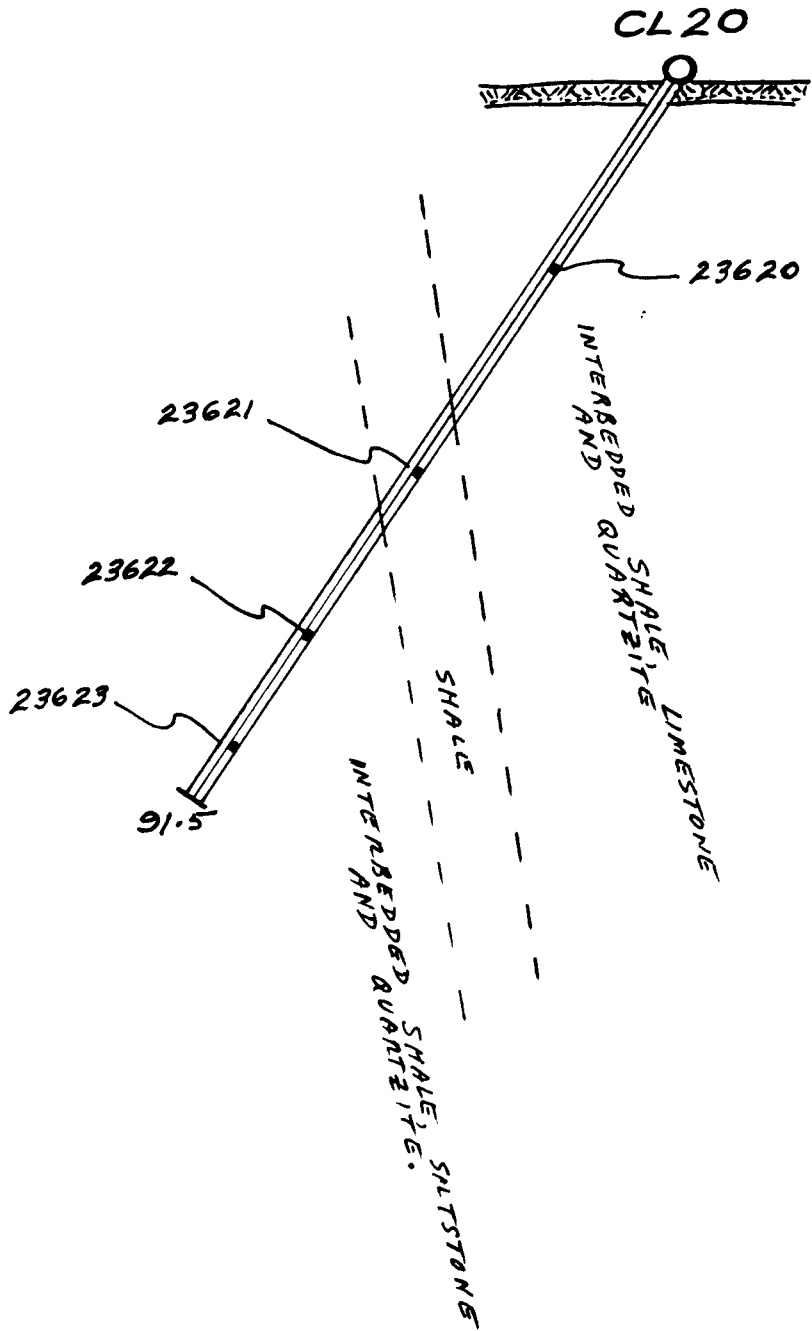
13950 - SAMPLE NO.

CAROL GROUP PROPERTY
SECTION 15+50 W
DRILL HOLE CL18
OBSERVER LOOKING NW
SCALE: 1" = 20 METERS
DATE: OCTOBER, 1993
DRAWN BY: R. GARVEY



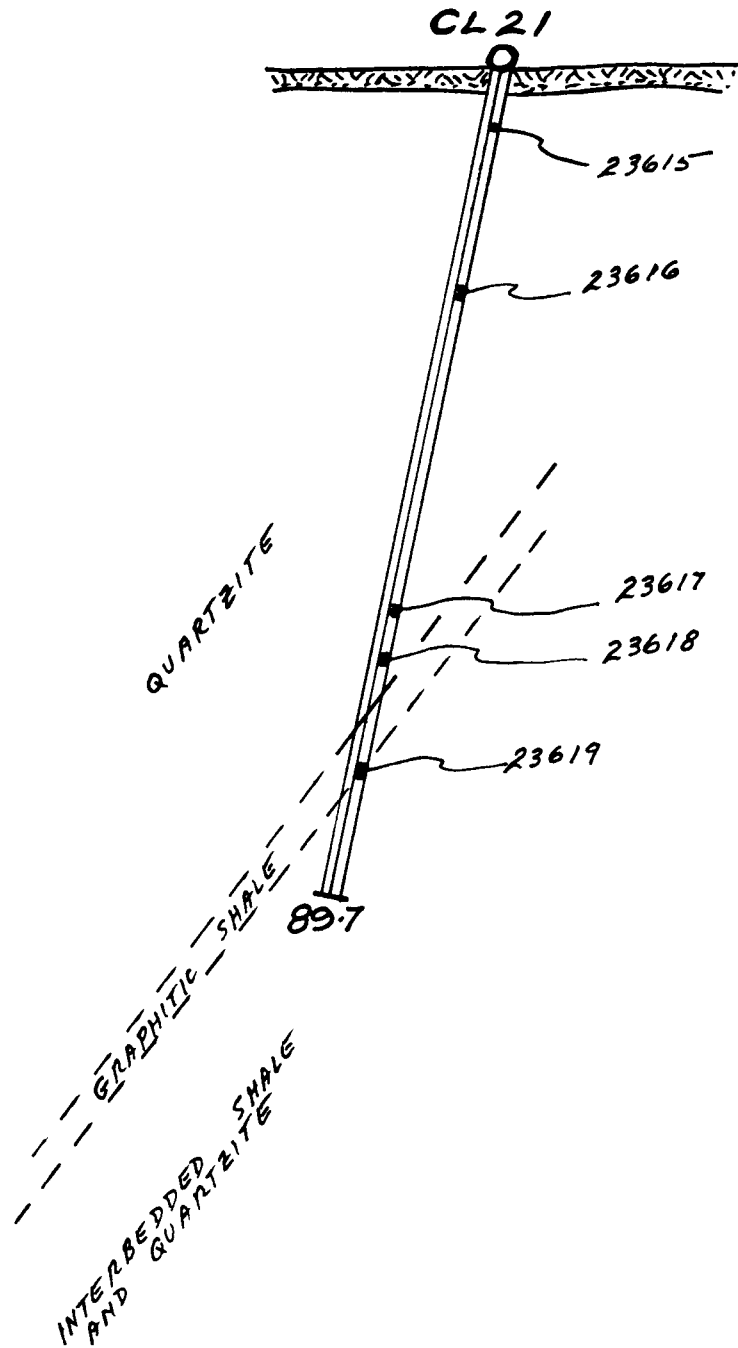
13950 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 15+65 W
 DRILL HOLE CL19
 OBSERVER LOOKING WEST
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



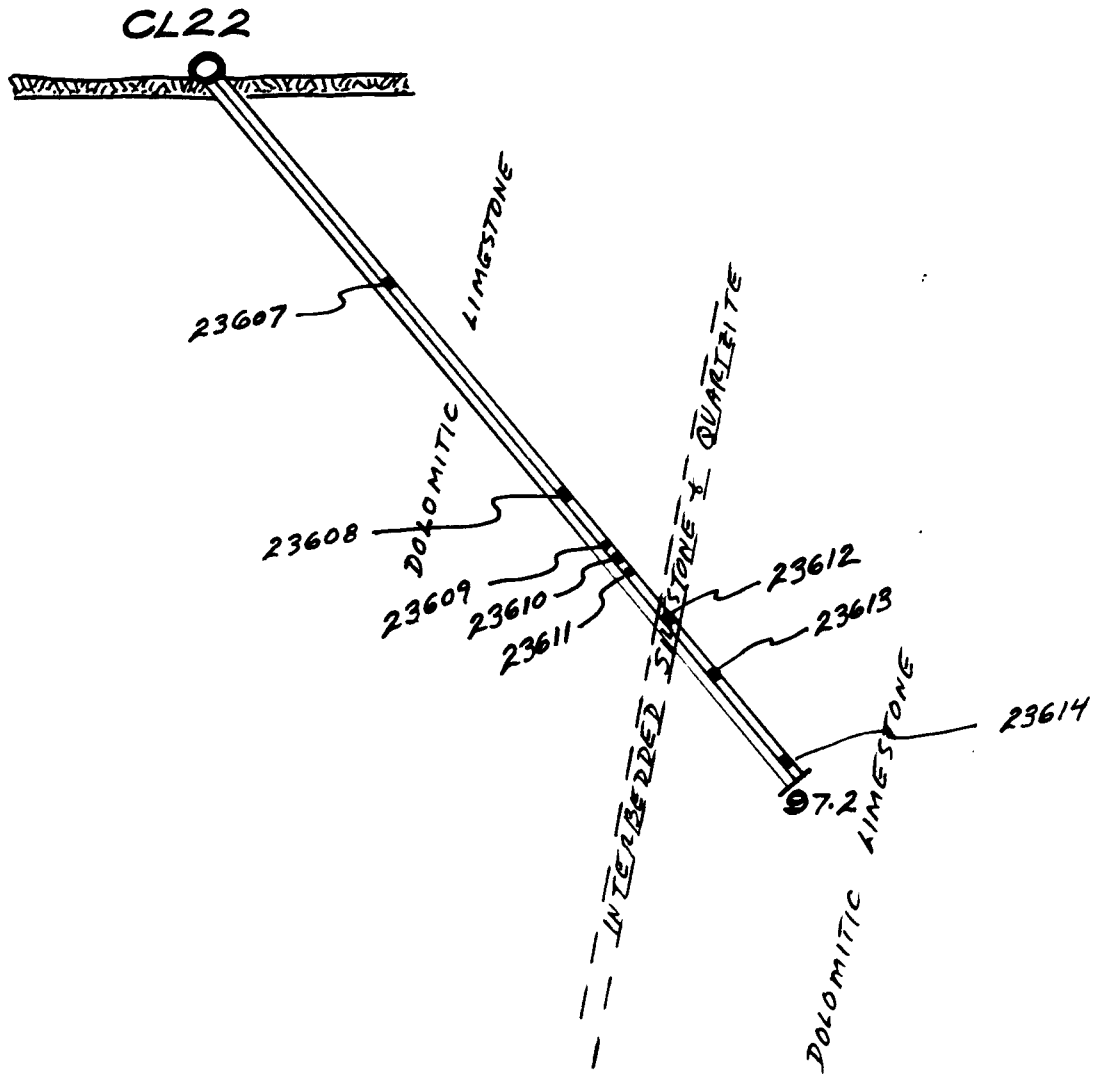
23650 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 15+85 W
 DRILL HOLE CL20
 OBSERVER LOOKING WEST
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



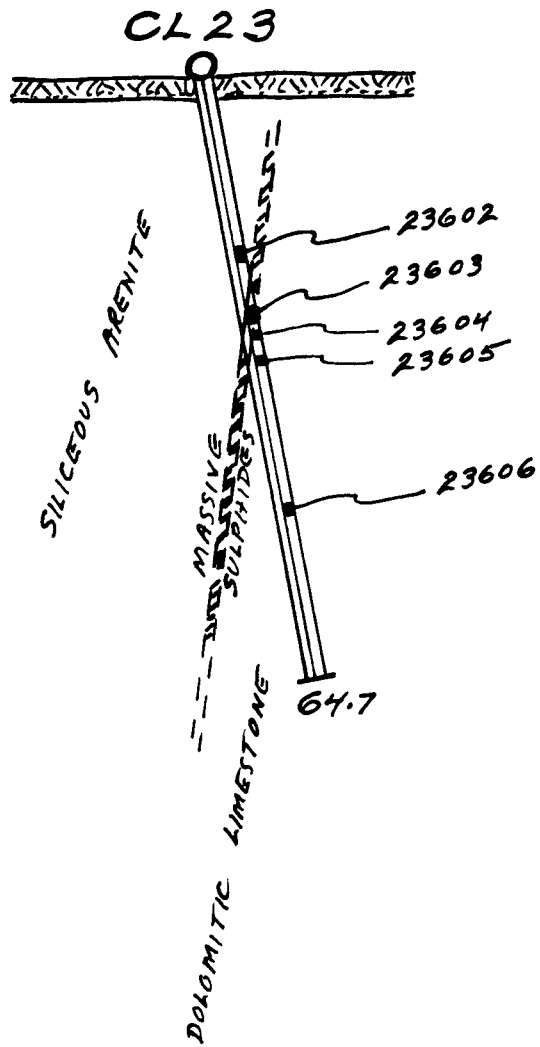
23650 — SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 14 + 90 W
 DRILL HOLE CL21
 OBSERVER LOOKING NW
 SCALE : 1" = 20 METERS
 DATE : OCTOBER, 1993
 DRAWN BY : R. GARVEY



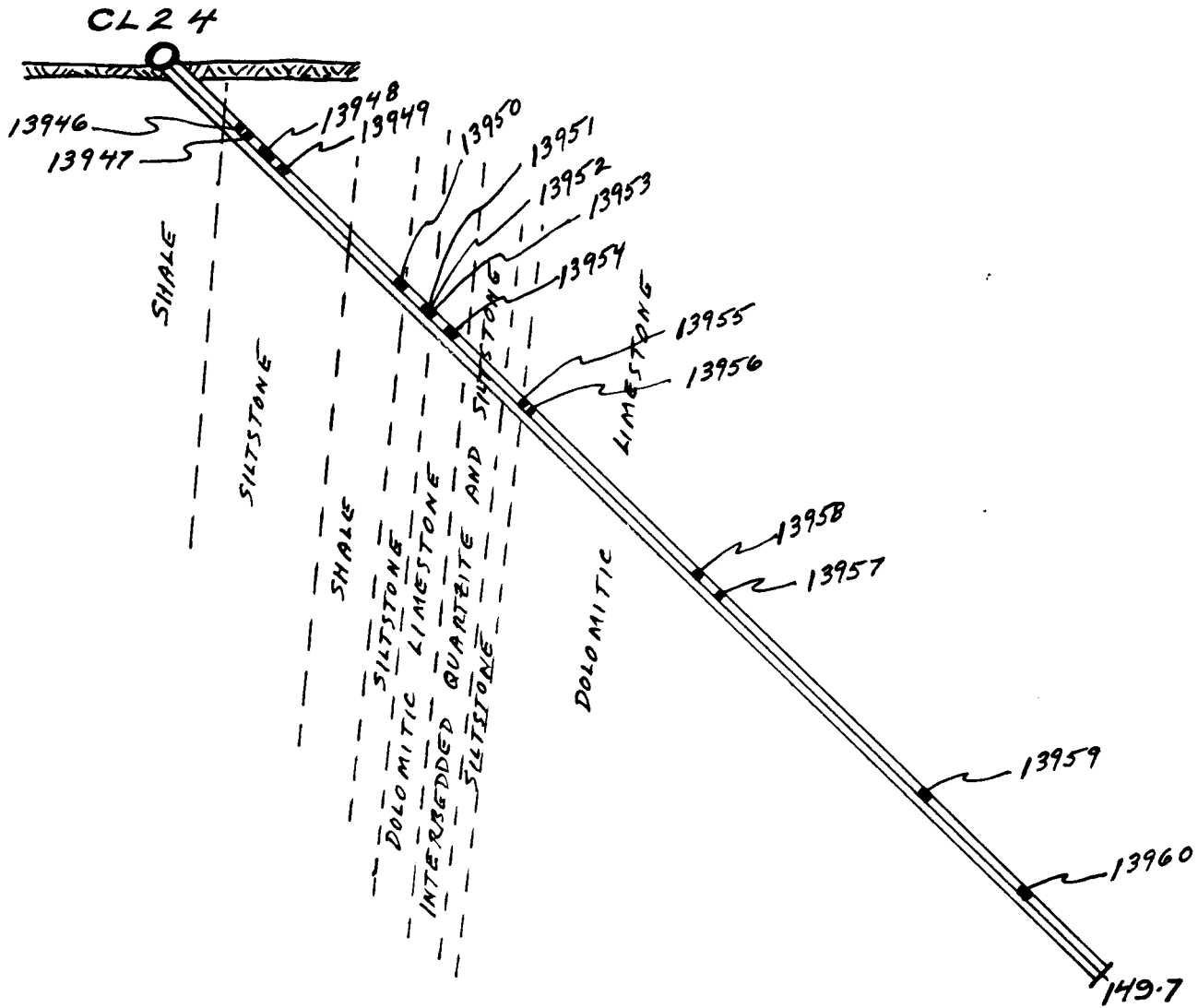
23650 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 11+00 W
 DRILL HOLE CL22
 OBSERVER LOOKING NW
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



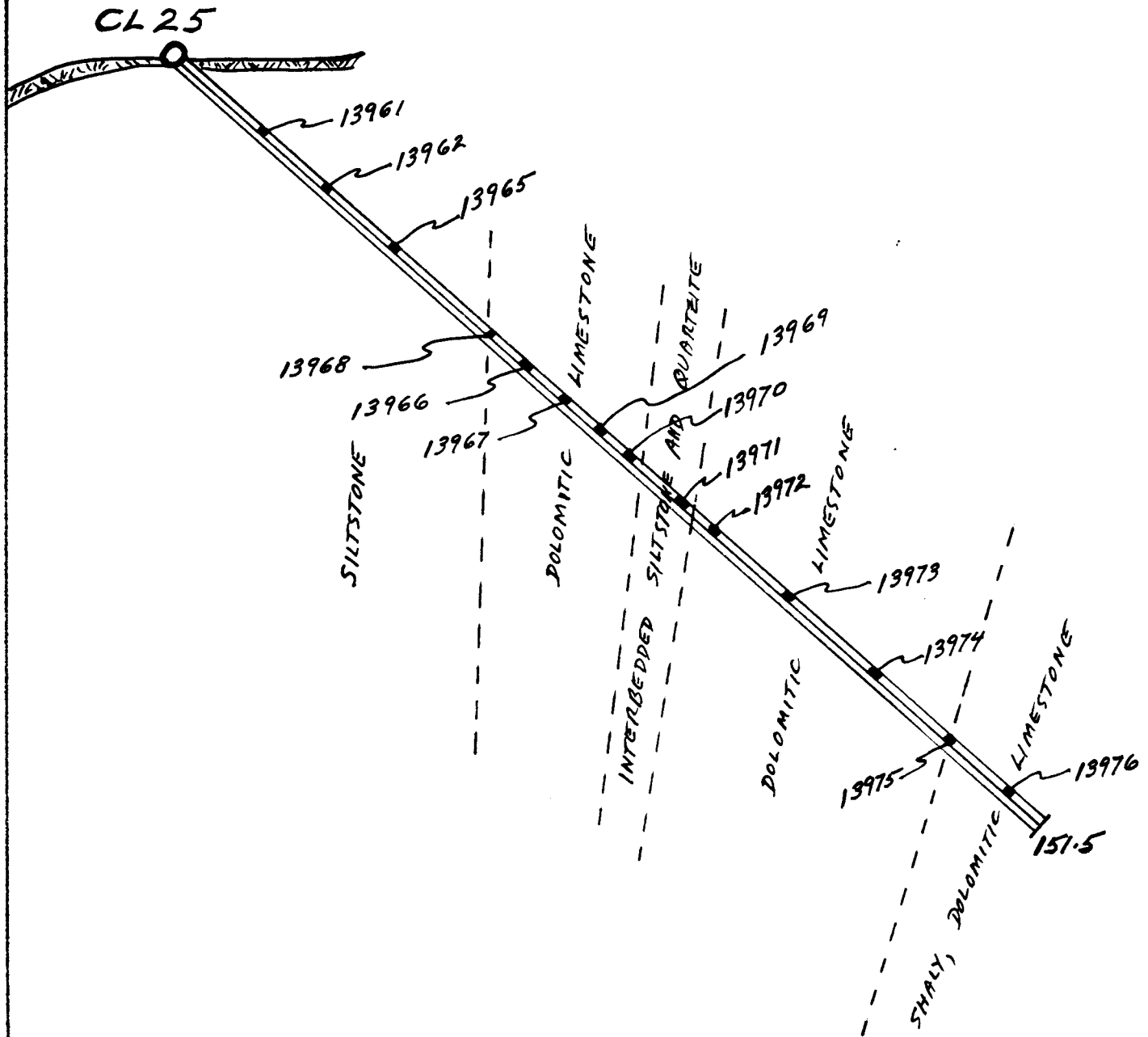
23650 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 11+50 W
 DRILL HOLE CL23
 OBSERVER LOOKING WEST
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



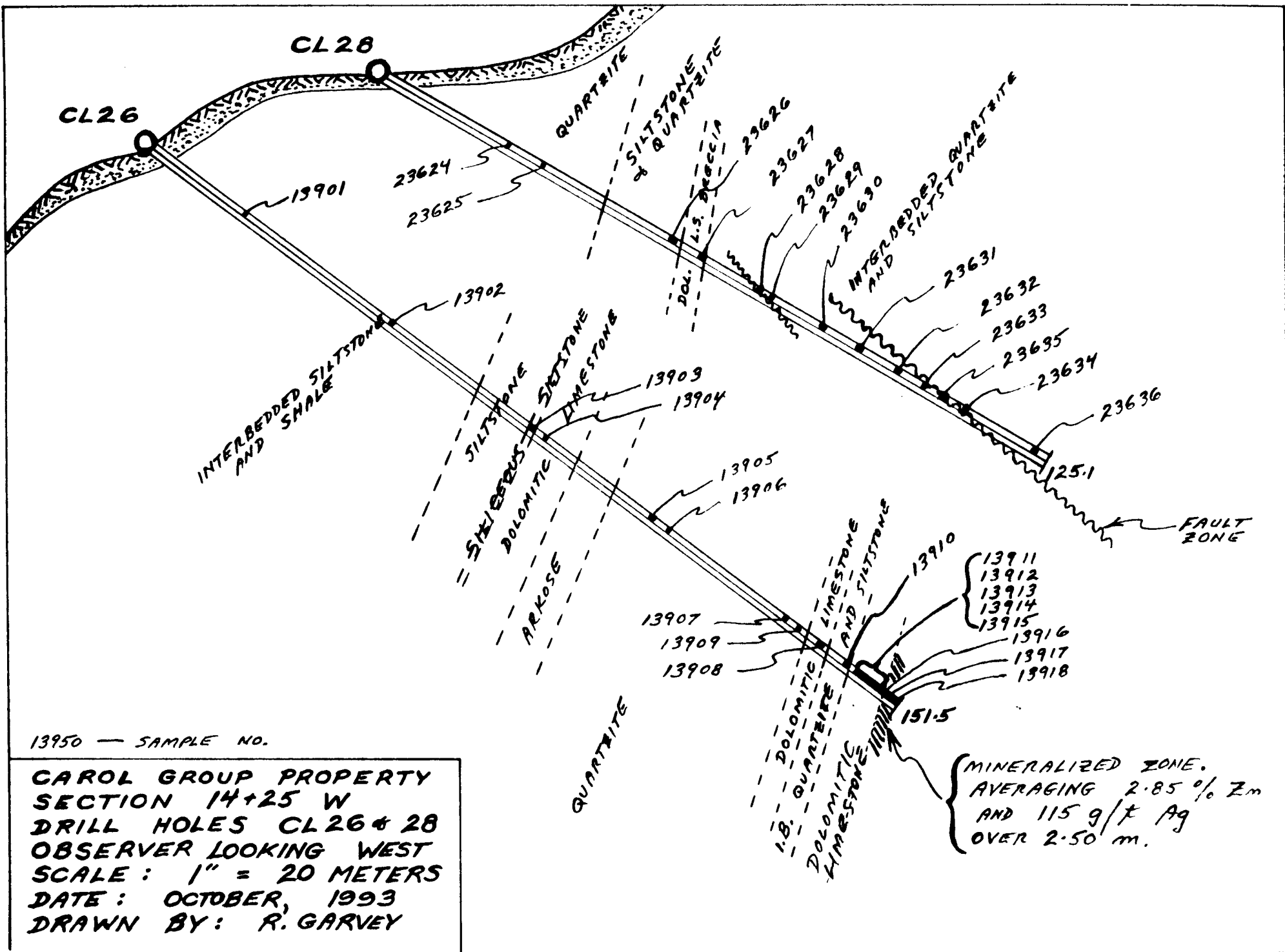
13950 — SAMPLE NO.

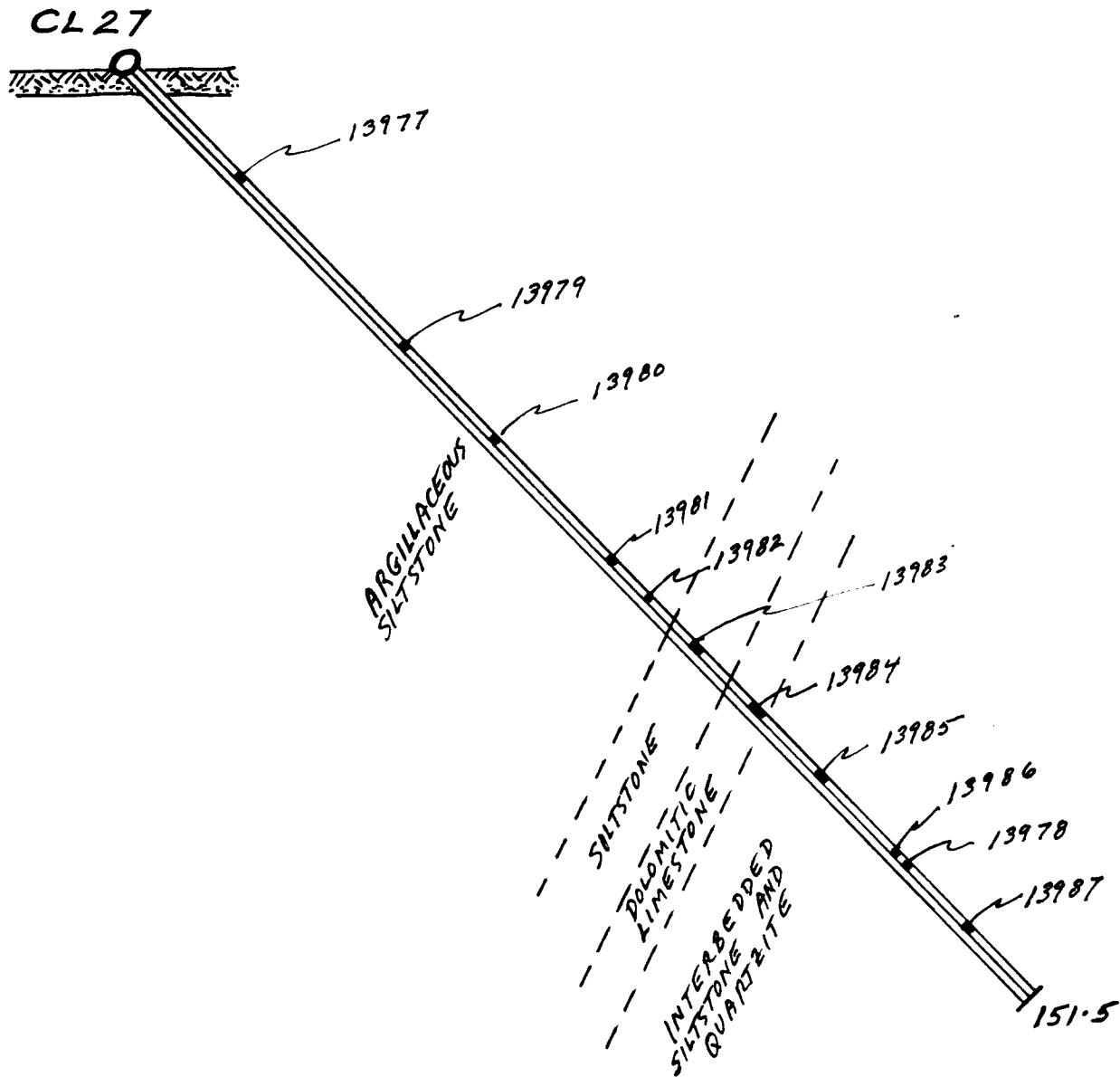
CAROL GROUP PROPERTY
 SECTION 12+30 W
 DRILL HOLE CL24
 OBSERVER LOOKING NW
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY



13950 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 13+25 W
 DRILL HOLE CL 25
 OBSERVER LOOKING WEST
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY





13950 - SAMPLE NO.

CAROL GROUP PROPERTY
 SECTION 14 + 75 W
 DRILL HOLE CL27
 OBSERVER LOOKING WEST
 SCALE: 1" = 20 METERS
 DATE: OCTOBER, 1993
 DRAWN BY: R. GARVEY

APPENDIX C

DRILL HOLE LOGS

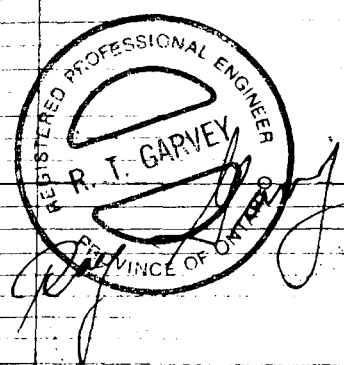
DIAMOND DRILL HOLE LOG

PROPERTY *CAROL GROUP* LOCATION *GOOD HOPE LAKE, B.C.*
 NTS CODE *104 P6W* HOLE NO. *CL15*

LATITUDE AZIMUTH *318°* PURPOSE
 DEPARTURE DIP *-38°* STARTED *MAY 15/92*
 ELEVATION CORE *B.W.* COMPLETED *JUNE 7/92*
 SECTION *10+20 W.* LOGGED BY *R. GARVEY*
 REF. GRID

SUMMARY

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
<i>0.0</i>	<i>0.9</i>	<i>OVERBURDEN</i>			
<i>0.9</i>	<i>3.8</i>	<i>DOLOMITIC LIMESTONE</i>			
<i>3.8</i>	<i>21.2</i>	<i>INTERBEDDED QUARTZITE & SILTSTONE</i>			
<i>21.2</i>	<i>25.6</i>	<i>INTERBEDDED DOLOMITIC LIMESTONE AND SILICEOUS SILTSTONE.</i>			
<i>25.6</i>	<i>94.5</i>	<i>DOLOMITIC LIMESTONE</i>			
	<i>E.O.H.</i>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL15 SHEET NO. 2 OF 6

FOOTAGE METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
0.0	0.9	OVERBURDEN									
0.9	3.8	DOLOMITIC LIMESTONE. - MEDIUM TO LIGHT GREY, FINE TO MEDIUM GRAINED, AND RELATIVELY UNIFORM AND HOMOGENEOUS, WITH A FEW SCATTERED, FINELY SUTURED DISSOLUTION SEAMS. - VERY FINE, DISSEMINATED, EUBEDRAL PYRITE COMMON IN MINOR AMOUNTS THROUGHOUT.									
3.8	21.2	INTERBEDDED QUARTZITE AND SILTSTONE. - FINE GRAINED, DARK BLUISH GREY QUARTZITE WITH NARROW INTERBEDS OF FINE GRAINED, GREENISH BROWN SILTSTONE COMPRISING 5-10% - $\angle CA = 60-65^\circ$ - VERY FINE GRAINED PYRITE THROUGHOUT AS DISSEMINATED GRAINS AND THE OCCASSIONAL VERY NARROW SEAM CONFORMABLE TO BEDDING. - THIN PYRITE COATINGS ON VIRTUALLY ALL SHEAR PLANES. - THE NUMBER OF SILTSTONE BANDS INCREASING WITH DEPTH SUCH THAT SILTSTONE COMPRISES 20% OF COMPOSITION BY 20 m.a.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP

HOLE NO. CL15 SHEET NO. 3 OF 6

FOOTAGE METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHUR DES	FOOTAGE			PPB AN	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		- QUARTZITE WITH APPROX. 5% FINE, DISSEMINATED PYRITE THROUGHOUT.	13919		7.5	8.5	1.0	77			
		- 13.0 - 13.4 - CALCAREOUS MUD SEAM WITH CONSIDERABLE GROUND CORE.									
		- 19.45 - 19.50 - NARROW MUD SEAM SLIGHTLY CALCAREOUS.									
		- 20.4 - 21.0 - MIXTURE OF SILTSTONE AND MUD SEAM WITH MINOR CORE GRINDING. MINOR PYRITE AS OCCASIONAL BLEBS.									
		- 21.0 - 21.2 - MINOR BRECCIATION NEAR BOTTOM CONTACT. SMALL SCALE FAULTING AND MIXING OF SMALL ANGULAR FRAGMENTS OF SILICEOUS SILTSTONE IN DOLOMITIC LIMESTONE.									
		- 15.5 - 16.7 - FINE GRAINED, DARK GREY QUARTZITE WITH MINOR BUFF COLOURED SILTSTONE BANDS AND FINE PYRITE DISSEMINATIONS AND OCCASIONAL NARROW, CONFORMABLE PYRITE SEAMS.	13920		15.5	16.7	1.2	16			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL15 SHEET NO. 4 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	GZ TON	GZ TON
					FROM	TO	TOTAL				
21.2	25.6	<p>PREDOMINANTLY MEDIUM TO LIGHT GREY BRECCIATED DOLOMITIC LIMESTONE WITH INCLUSIONS OF FINE GRAINED, BUFF TO MEDIUM GREY SILICEOUS SILTSTONE UP TO 30 CM. IN DIAMETER.</p> <ul style="list-style-type: none"> - SILICEOUS SILTSTONE VERY FINELY BANDED AND MICROFAULTED. - MIXTURE OF UNITS THE RESULT OF FAULTING OR KARSTING PRODUCING A COLLAPSE BRECCIA. - NO SIGNIFICANT SULPHIDES. 									
25.6	94.5	<p>DOLOMITIC LIMESTONE WITH NARROW BRECCIATED SECTIONS.</p> <ul style="list-style-type: none"> - BRECCIATED SECTIONS EXHIBIT COARSE GRAINED, WHITE, CALCITE MATRIX AND FINE GRAINED CALCITE SEAMS AND STRINGERS THROUGHOUT UP TO 4" IN WIDTH. - OCCASIONAL FINE PYRITE GRAINS COMPRISE UP TO 1% OF COMPOSITION. - 28.4-32.0 - SOMEWHAT DARKER GREY SECTION. 									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP

HOLE NO. CL15 SHEET NO. 5 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE			PPB	ASSAYS		
FROM	TO		NO.	% SULPHIDES	FOOTAGE	Ag	% Ag	OZ TON	
					FROM	TO	TOTAL		
		-36.0 - 37.0 - SHEARED AND FRACTURED MIXTURE OF DOLOMITIC LIMESTONE AND FINELY BANDED SILTSTONE.							
		-37.0 - 37.3 - SOFT, MUDDY, CALCAREOUS FAULT ZONE, WITH UP TO 20% COARSE EUBEDRAL PYRITE GRAINS AND 2-3% FINE GALENA CRYSTALS	13921		37.0	37.3	0.3	100	29.6
		-38.00 - 38.35 - DOLOMITIC LIMESTONE WITH UP TO 3-4% PYRITE AS FINE DISSEMINATED GRAINS AND NARROW SEAMS CONTAINING BOTH FINE PYRITE AND SPHALERITE.	13922		38.00	38.35	0.35	28	
		-NARROW SILTSTONE SEAMS AT 40.1 & 40.5 M.A LCA - 60°							
		-53.0 - 54.0 - FINE GRAINED, LIGHT GREY, TO WHITE BRECCIATED DOLOMITIC LIMESTONE WITH < 1% PYRITE AS FINE DISSEMINATED GRAINS	13923		53.0	54.0	1.0	381	
		-70.3 - 70.8 - UNIFORM AND HOMOGENEOUS DOLOMITIC LIMESTONE WITH OCCASIONAL FINE STYLOLITIC SEAMS CONTAINING VERY FINE SPHALERITE AND PYRITE.	13924		70.3	70.8	0.5	17	

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP

HOLE NO. CH5 SHEET NO. 6 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPB	%	OZ TON
					FROM	TO			
		<p>- BY 76.0 m. THE UNIT IS GRADATIONAL BECOMING VARIABLE WITH A VAGUE "SPECKLED" APPEARANCE DUE TO THE PRESENCE OF DARKER GREY CARBONATE GRAINS (CALC-SILICATE?).</p> <p>- BY 89.0 m. THE UNIT BECOMES SLIGHTLY DARKER GREY AND FAINTLY MOTTLED. FEW NARROW SECTIONS CONTAIN NARROW SULPHIDE SEAMS IN RANDOM FRACTURES AND ALONG THIN STYLOLITIC SEAMS.</p> <p>- 78.2-79.0 - LIGHT GREY, FINE GRAINED, DOLOMITIC LIMESTONE WITH MINOR SEAMS AND BLEBS OF PYRITE AND MINOR SPHALERITE IN FRACTURES. SULPHIDES 2 2-3%</p> <p>- 82.7 - 84.2 (AS 78.2 - 79.0)</p> <p>- 85.0 - 85.5 (AS 78.2 - 79.0)</p> <p>- 88.2 - 89.2 (AS 78.2 - 79.0 WITH <1% GALENA)</p>							
			13925	78.2	79.0	0.8	25		
			13926	82.7	84.2	1.5	53		
			13927	85.0	85.5	0.5	345		
			13928	88.2	89.2	1.0	29		<1.0

LANGRANGES - TORONTO - 366-1168

DIAMOND DRILL HOLE LOG

PROPERTY *CAROL GROUP* LOCATION *GOOD HOPE LAKE, B.C.*

NTS CODE *104 P6W* HOLE NO. *CL16*

LATITUDE AZIMUTH *31°* PURPOSE

DEPARTURE DIP *-37°* STARTED *JUNE 12/92*

ELEVATION CORE *BW* COMPLETED *JUNE 21/92*

SECTION *16 + 75 W.* LOGGED BY *R. GARVEY*

REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0.0	1.8	OVERBURDEN			
1.8	27.5	SHALE			
27.5	31.1	GREYWACKE			
31.1	35.8	SHALE			
35.8	36.2	GRAPHITE SHEAR			
36.2	52.8	INTERBEDDED GRAPHITIC + SILICEOUS SCHIST.			
52.8	59.8	SHALE			
59.8	80.0	INTERBEDDED DARK GRAY TO BLACK GRAPHITIC SHALE AND LENSES OF LIGHT GREY QUARTZITE.			
	E.O.H.				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL16 SHEET NO. 2 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	GZ TCM	GZ TCM	
					FROM	TO	TOTAL					
0.0	1.8	OVERBURDEN.										
1.8	27.5	SHALE. - A VARIABLE SHALE WITH COLOUR RANGING FROM MEDIUM GREY TO BLACK AND PRONOUNCED BANDING THAT VARIES FROM PARALLEL TO CORE AXIS TO 75°. - SULPHIDE CONTENT ALSO VARIABLE THROUGHOUT THE UNIT. - A GRADATIONAL CHANGE IN THE UNIT AS BEDDING BECOMES FINER, COLOUR BECOMES DARKER, AND SULPHIDES INCREASE WITH DEPTH. - BY 27.0 m PYRITE \approx 20% AS VERY FINE SEAMS CONFORMABLE TO BEDDING & FINE DISSEMINATIONS. - SMALL SCALE FAULTING AND SECTIONS EXHIBITING SOFT SEDIMENT DEFORMATION INCREASING WITH DEPTH. - VERY FINE, CONFORMABLE, WHITE CALCITE STRINGERS PRESENT THROUGHOUT. - OCCASIONAL 4-5 CM QUARTZ-CARBONATE STRINGERS CONTAINING MINOR AMOUNTS OF PYRITE AS SMALL BLEBS. (CREATING A "SPOTTED" APPEARANCE) IN THE BLACK SHALE. - NUMEROUS GRAPHITIC SEAMS IN BLACK SHALE SECTIONS.										

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL16 SHEET NO. 3 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AN	%	GZ. TCM	GZ. TCM
					FROM	TO	TOTAL				
		-16.5 - 17.5 - SHEARING AND MINOR FAULT GOUGE WITH GRAPHITE AND CALCAREOUS MUD. VERY MINOR PYRITE									
		-18.0 - 19.0 - DARK GREY TO BLACK GRAPHITIC SHALE WITH MINOR CALCITE SEAMS AND VERY MINOR PYRITE	13988		18.0	19.0	1.0	11			
		-26.0 - 27.0 - BLACK, GRAPHITIC, PYRITIFEROUS SHALE.	13989		26.0	27.0	1.0	21			
27.5	31.1	GREYWACKE - MEDIUM GREY, MEDIUM TO FINE GRAINED, NON-CALCAREOUS, HOMOGENEOUS, UNIFORM, SILICEOUS GREYWACKE. - 28.7 - 29.0 - MINOR BRECCIATION WITH QUARTZ-CARBONATE IN-FILL MATRIX. - OCCASIONAL SMALL (< 0.5 CM) ANGULAR OR LENTICULAR INCLUSION OF DARKER COLOURED SEDIMENT. - WEAK CHLORITIC ALTERATION EVIDENT ON SCHIST PLANES.									
31.1	35.8	SHALE. - FINELY BANDED, BLACK, GRAPHITIC SHALE. - OCCASIONAL QUARTZ-CARBONATE STRINGER & FINE PYRITE SEAM.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL16 SHEET NO. 4 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
35.8	36.2	GRAPHITE SNEAR. - STRONG SHEARING AND SLICKENSIDES IN GRAPHITE WITH MINOR QUARTZ-CARBONATE VEINING. - NO VISIBLE SULPHIDES.									
36.2	52.8	INTERBEDDED GRAPHITIC AND SILICEOUS SCHIST. - FINE GRAINED, <u>VERY</u> FINELY BANDED (< mm SCALE), FROM LIGHT GREY AND WHITE TO DARK GREY + BLACK. - CRENULATED APPEARANCE DUE TO FINE CONTORTIONS AND SMALL SCALE FAULTING (PROBABLY THE RESULT OF SOFT SEDIMENT DEFORMATION) - VERY LOW CARBONATE CONTENT. - DARK LAYERS ARE GRAPHITE AND LIGHTER LAYERS ARE QUARTZ WITH FEW INTERSTITIAL CALCITE GRAINS. - APPROX. 1-2% SULPHIDES AS FINE PYRITE DISEMINATIONS. - UNIT EASILY FRACTURED AND ALL SCHIST PLANES ARE GRAPHITIC. - FEW CALCITE STRINGERS CONTAINING COARSE GRAINED EUNEDRAL PYRITE. - 41.0 - 42.5 - SILICEOUS, GRAPHITIC SCHIST. 1-2% PYRITE AS FINE GRAINS	13990		41.0	42.5	1.5	6			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL16 SHEET NO. 5 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	GZ/TON	GZ/TON
					FROM	TO	TOTAL				
		- 46.8 - 47.0 (AS 41.0 - 42.5)	13991		46.8	47.0	0.2	5			
		- 47.9 - 48.3 (AS 41.0 - 42.5)	13992		47.9	48.7	0.4	6			
52.8	59.8	SHALE - FINELY BANDED, BLACK, GRAPHITIC SHALE. - OCCASIONAL QUARTZ-CARBONATE STRINGER AND 3-5% SULPHIDES AS FINE CONFORMABLE PYRITE SEAMS. - NARROW GRAPHITIC SHEARS THROUGHOUT - 57.7 - 58.4 - FINE TO MEDIUM GRAINED GREYWACKE LENSE WITH SHARP UPPER AND LOWER CONTACTS. - LOWER CONTACT OF SHALE UNIT GRADATIONAL INTO INTERBEDDED GRAPHITIC SHALE AND QUARTZITE.									
59.8	80.0	INTERBEDDED DARK GREY TO BLACK GRAPHITIC SHALE AND THIN LENSES OF LIGHT GREY, FINE GRAINED QUARTZITE - FROM 65.0 TO 80.0 M.R SHALE AND QUARTZITE PRESENT IN EQUAL AMOUNTS. - WHERE UNDISTURBED LCA = 60° - MINOR CROSS-BEDDING (SMALL SCALE). - NARROW SECTIONS EXHIBIT "SCOUR & FILL" STRUCTURES. - NARROW, CONFORMABLE, CALCITE STRINGERS COMMON THROUGHOUT. - 2-3% SULPHIDES AS FINE DISSEMINATIONS AND SEAMS.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL16 SHEET NO. 6 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AA	%	GZ/TON	GZ/TON
					FROM	TO	TOTAL				
		- 64.5 - 65.0 - BRECCIA ZONE - FINE ANGULAR FRAGMENTS IN A WHITE QUARTZ-CARBONATE MATRIX CONTAINING TR PYRITE.									
		- 70.0 - TO BOTTOM OF HOLE, GRAPHITE GIVES WAY TO CHLORITIC ALTERATION ON SCHIST PLANES.									
		- 70.0 - 71.0 - INTERBEDDED SHALE AND QUARTZITE.	13993		70.0	71.0	1.0	17			

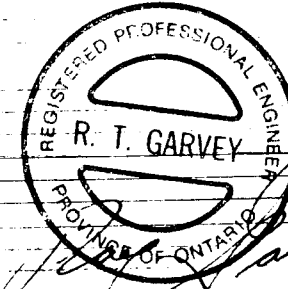
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
NTS CODE 104 P6W HOLE NO. CL17

LATITUDE AZIMUTH 10° PURPOSE
DEPARTURE DIP -89° STARTED JUNE 24/92
ELEVATION CORE BW COMPLETED JULY 20/92
SECTION 10 + 75 W. LOGGED BY R. GARVEY
REF. GRID

SUMMARY

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
<u>0.0</u>	<u>1.3</u>	<u>OVERBURDEN</u>			
<u>1.3</u>	<u>21.5</u>	<u>DOLOMITIC LIMESTONE</u>			
<u>21.5</u>	<u>130.0</u>	<u>INTERBEDDED DOLOMITIC LIMESTONE & SILTSTONE</u>			
<u>130.0</u>	<u>143.4</u>	<u>SILTY DOLOMITIC LIMESTONE AND CALCAREOUS SILTSTONE.</u>			
<u>143.4</u>	<u>151.0</u>	<u>INTERBEDDED DOLOMITIC LIMESTONE & SILTSTONE.</u>			
	<u>E.O.H.</u>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL17 SHEET NO. 2 OF 4

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AN	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
0.0	1.3	OVERBURDEN									
1.3	21.5	DOLOMITIC LIMESTONE - PALE GREY, HOMOGENEOUS, FINE GRAINED, SLIGHTLY PITTED DOLOMITIC LIMESTONE. - PATCHY YELLOW RUSTY BROWN COLOURATION ON FRACTURES FROM SURFACE WEATHERING. - TR PYRITE AS FINE DISSEMINATIONS -13.6-21.5 - AS ABOVE BUT CONTAINS 1-2% GREY METALLIC MINERAL WEATHERING NEARLY BLACK. CRYSTALS ARE THIN, LATHE-SHAPED, OR IN ASCICULAR CLUSTERS + MASSES. -13.6-15.0 - (AS ABOVE) ————— -18.0-19.0 - (AS ABOVE) —————									
			13929		13.6	15.0	1.4			291	
			13930		18.0	19.0	1.0			130	
21.5	130.0	AS 1.3-21.5 m BUT CONTAINS OCCASIONAL NARROW BANDS OF FINELY BANDED BUFF COLOURED & DARK GREY SILTSTONE. SILTSTONE LENSES GENERALLY 45° TO CA AND CONTAIN MINOR PYRITE AS THIN COATINGS ON SCHIST PLANES. -37.0-38.0 - LENSE OF INTERBEDDED SILTSTONE AND FINE GRAINED SILICEOUS SEDIMENT EXHIBITING PRONOUNCED BANDING LCA-45° - VERY FINE GRAINED PYRITE UP TO 30% OF DARKER BANDS.									
			13931		37.0	38.0	1.0			44	

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL17 SHEET NO. 3 OF 4

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		-44.5 - 46.0 - DOLOMITIC LIMESTONE WITH FINE HAIR-LIKE NETWORK OF SULPHIDE SEAMS (-90% SPHALERITE & PYRITE -10% MOLYBDENITE & GALENA)	13932		44.5	46.0	1.5	687			
		-NARROW BRECCIA SEAM 448-449									
		-57.9 - 60.0 - DOLOMITIC LIMESTONE WITH 1-2% SULPHIDES AS FINE HAIR-LIKE NETWORK & THIN STYLOLITIC IN-FILLINGS. (SPHALERITE, PYRITE, GALENA, MOLYBDENITE)	13933		57.9	60.0	2.1	43			
		-63.5 - 64.6 - DOLOMITIC LIMESTONE WITH FINE STYLOLITES CONTAINING UP TO 2% AS PYRITE & SPHALERITE	13934		63.5	64.6	1.1	338			
		-73.3 - 73.6 - BANDED SILTSTONE LCA - 45°									
		-78.2 - 79.2 - DOLOMITIC LIMESTONE WITH MINOR SEAMS OF SPHALERITE AND PYRITE.	13935		78.2	79.2	1.0	145			
		-80.6 - 80.7 - FAULT SEAM WITH SOFT CALCAREOUS MUD.									
		-83.6 - 84.5 - DOLOMITIC LIMESTONE	13936		83.6	84.5	0.9	954			
		-86.7 - 88.0 (AS 83.6 - 84.5)	13937		86.7	88.0	1.3	16			
		-88.2 - 89.4 (AS 83.6 - 84.5)	13938		88.2	89.4	1.2	89			
		-89.4 - 90.1 (AS 83.6 - 84.5)	13939		89.4	90.1	0.7	289			
		-100.3 - 101.3 (AS 83.6 - 84.5)	13940		100.3	101.3	1.0	373			
		-116.4 - 118.0 (AS 83.6 - 84.5)	13941		116.4	118.0	1.6	25			
		-119.5 - 121.0 (AS 83.6 - 84.5)	13942		119.5	121.0	1.5	31			
		-124.5 - 126.0 (AS 83.6 - 84.5)	13943		124.5	126.0	1.5	7			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. GL17 SHEET NO. 4 OF 4

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
130.0	143.4	INTERBEDDED CALCAREOUS SILTSTONE AND SILTY DOLOMITIC LIMESTONE. - VAGUE BEDDING IN SILTY SECTIONS - ARGILLACEOUS ODOUR. - 1-2% PYRITE THROUGHOUT AS FINE DISSEMINATIONS AND CONFORMABLE THIN SEAMS. - LCA - 45° - BANDING MORE DISTINCT BELOW 141.0 m ON 10 CM SCALE. - I.B. SILTSTONE AND DOLOMITIC LIMESTONE WITH APPROX. 2% PYRITE AND TR. SPHALERITE.	13944		135.5	136.0	0.5	91			
143.4	157.0	MIXTURE OF SILTSTONE AND DOLOMITIC LIMESTONE AS 21.5 - 130.0 E.O.H. - SHARP UPPER CONTACT. - 146.5 - 147.0 - TR. PYRITE IN SILTSTONE LENSE.	13945		146.5	147.0	0.5	53			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 10 SHEET NO. 2 OF 3

METER		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		PPB PPM	%	GZ TON	GZ TON
				FROM	TO				
0.0	4.0	OVERBURDEN							
4.0	58.0	GRAPHITIC SHALE - FINE GRAINED, DARK GREY TO BLACK, RELATIVELY COMPETENT GRAPHITIC SHALE WITH INTERBEDDED SECTIONS OF MEDIUM TO DARK GREY FINELY BANDED CALCAREOUS SHALE. - LCA VARIABLE, BUT GENERALLY 60-70° - 4.0-5.0 - RUSTY WEATHERED. - NARROW LENSES EXHIBIT SOFT SEDIMENT DEFORMATION. - MINOR CHLORITIC ALTERATION. - 32.50-32.55 - CALCITE, SULPHIDE VEINLET (UP TO 25% PYRITE). TR. AMOUNTS OF LATH-SHAPED BRASSY, METALLIC MINERAL. - WHITE CALCITE STRINGERS THROUGHOUT. - 32.0-33.0 - GRAPHITIC SHALE WITH 5 CM LENSE OF CALCITE AND PYRITE. - CARBONATE ALTERATION STRONGER WITH DEPTH PAST 34.0 M. - 37.9-38.1 - BRECCIA ZONE. SMALL, ANGULAR SHALE FRAGMENTS IN WHITE CALCITE MATRIX. - 56.5-57.5 - GRAPHITIC SHALE WITH CALCITE VEINING CONTAINING SMALL DARK INCLUSIONS.							
			13999	32.0	33.0	1.0	268		
			14000	56.5	57.5	1.0	6		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL18 SHEET NO. 3 OF 3

METERS		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TCM	
					FROM	TO	TOTAL					
58.0	79.5	<p>CHLORITE SCHIST</p> <ul style="list-style-type: none"> - UPPER CONTACT IS GRADATIONAL FROM GRAPHITIC TO CHLORITIC SCHIST. - FINE GRAINED, DISTINCTLY BANDED, MEDIUM TO LIGHT GREY. - BEDDING "WAVY" IN APPEARANCE WITH PINCHING AND SWELLING. - GENERALLY LCA - 60° - TR. PYRITE. - SCATTERED, 6-8 CM WIDTH, WHITE CALCITE STRINGERS. - 64.0 - 65.0 - LIGHT TO MEDIUM GREY BANDED, CHLORITIC SCHIST WITH MINOR CALCITE SEAMS. 										
	E.O.H.											
			23601		64.0	65.0	1.0	6				

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL19 SHEET NO. 2 OF 5

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE			PPB	%	G/TON	G/TM
					FROM	TO	TOTAL				
0.0	2.1	OVER BURDEN.									
2.1	14.8	GRAPHITIC, PYRITIFEROUS SHALE. - TOUGH, MODERATELY SCHISTOSE, DARK GREY TO BLACK SHALE, WITH UP TO 10% SULPHIDES AS FINE SEAMS CONFORMING TO BEDDING AND AS FINE TO MEDIUM GRAINS SCATTERED THROUGHOUT. - SHALE NON-CALCAREOUS, BUT CONTAINS CONFORMABLE CALCITE STRINGERS UP TO 1.0 CM IN WIDTH CONTAINING LARGE BLENDS OF PO, PY & SPH, (SULPHIDES UP TO 75% OF STRINGERS). - LCA - 10-15° (HOLE DRILLED DOWN DIP) - 4.0-5.0 - GRAPHITIC, PYRITIFEROUS SHALE WITH CALCITE STRINGERS AND MINOR PO AND PY.	13994	4.0	5.0	1.0	9				

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL19 SHEET NO. 3 OF 5

FOOTAGE METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH			%	GZ TCM	GZ TCM		
				DES	FROM	TO				TOTAL	
14.8	69.8	SHALE. - FAULT CONTACT AT 14.8 m. - MEDIUM TO DARK GREY, UNIFORM, FINELY BANDED, SLIGHTLY CALCAREOUS & SOFT SHALE. - < CA - 30 TO 45° - FEW NARROW CLAY SELVAGES. - PYRITE THROUGHOUT AS FINE DISSEMINATIONS FROM TR. TO 3%. - MINOR GRAPHITE ON SCHIST PLANES. - 19.0-20.0 - FINELY BANDED SHALE WITH 0.5 CM PYRITE SEAM AT 19.3 m - BY 30.0 m UNIT BECOMES INTENSELY CARBONATED, AND LIGHTER GREY, FINE GRAINED THIN ARENITE LENSES BEGIN TO APPEAR. - UNIT BECOMES LESS COMPETENT BELOW 40.0 m. - 1.0 m MISSING CORE BETWEEN 40.0 & 45.0 m. - AFTER 54.0 m UNIT IS MORE SHEARED & LCA CHANGES ABRUPTLY. FROM 60° TO 15°. - 49.0 - 51.0 - LARGER SCALE CONTORTED BANDING.									
			13995		19.0	20.0	1.0	10			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL19 SHEET NO. 4 OF 5

FOOTAGE METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		- 54.0 - 69.8 - INTENSELY SHEARED AND GRAPHITIC. \angle CA VARIABLE RANGING FROM 15 TO 45° - CHLORITE ALTERATION AND PLATY CLEAVAGE ON MORE COMPETENT SECTIONS WITHIN THE INTENSELY SHEARED GRAPHITIC SCHIST. - IN SUMMARY - A THICK SHALE UNIT GRADING FROM MORE TO LESS GRAPHITIC, MORE TO LESS CALCAREOUS, WITH STRUCTURAL DEFORMATION HIGHLIGHTED BY CONTORTED BANDING AND INTENSE GRAPHITE SHEARS. - 2-3% PYRITE THROUGHOUT AS FINE DISSEMINATIONS, AND OCCASIONAL, COARSE BLENDS IN CALCITE STRINGERS. - 39.0 - 40.0 - CALCAREOUS GRAPHITIC SHALE - 59.0 - 60.0 - INTENSELY SHEARED GRAPHITIC SHALE.									
			13996		39.0	40.0	1.0	6			
			13997		59.0	60.0	1.0	6			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP

HOLE NO. CL19 SHEET NO. 5 OF 5

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB PM	%	GZ TON	GZ TON
					FROM	TO	TOTAL				
69.8	90.0	ARENITE. E.O.H.									
		- MEDIUM GREY, FAINT TO MODERATELY BANDED (ON 1-3 mm SCALE), CALCAREOUS ARENITE.									
		- LCA VARIABLE, BUT GENERALLY 45°									
		- TR. TO 1% PYRITE AS FINE GRAINS.									
		- COMPETENT AND EXHIBITS PLATY CLEAVAGE AND CHLORITE ALTERATION THROUGHOUT.									
		- 80.0 - 81.0 - FINE GRAINED, CALCAREOUS, ARENITE. - CHLORITIC ALTERATION.	13998		80.0	81.0	1.0	8			

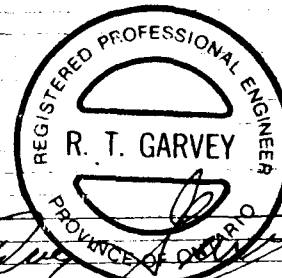
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
NTS CODE 104 P6W HOLE NO. CL20

LATITUDE AZIMUTH 192° PURPOSE
DEPARTURE DIP -56° STARTED MAY 15/93
ELEVATION CORE BW COMPLETED MAY 20/93
SECTION 15+85W LOGGED BY R. GARVEY
REF. GRID

SUMMARY

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
<u>0.0</u>	<u>2.5</u>	<u>OVERBURDEN</u>			
<u>2.5</u>	<u>42.5</u>	<u>INTERBEDDED SHALE, LIMESTONE & QUARTZITE</u>			
<u>42.5</u>	<u>55.5</u>	<u>SHALE</u>			
<u>55.5</u>	<u>91.5</u>	<u>INTERBEDDED SHALE, SILTSTONE & QUARTZITE</u>			
	<u>E.O.H.</u>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 20 SHEET NO. 2 OF 4

METERS		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	G/TON	G/TON	
					FROM	TO	TOTAL					
0.0	2.5	OVERBURDEN										
2.5	42.5	INTERBEDDED SHALE, SILTSTONE AND QUARTZITE. - PREDOMINANTLY DARK GREY TO BLACK FAINTLY BANDED SHALE WITH THIN INTERBEDS OF BUFF COLOURED SILTSTONE AND VERY FINE GRAINED QUARTZITE. - SILTSTONE & QUARTZITE LAYERS ARE LIGHTER COLOURED (MEDIUM GREY) AND HIGHLIGHT THE BEDDING. - LCA AT 6.0 m - 30° - LCA AT 25.0 m - 45° - OCCASIONAL FINE GRAINED EUBEDRAL PYRITE GRAINS IN THE SHALE. - ENTIRE UNIT IS GENERALLY STRONGLY CARBONATED. - 1.0 m OF GROUND CORE (37.5-38.5 m) - THROUGHOUT THE UNIT IS A SWARM OF THIN, PARALLEL, WHITE, CALCITE STRINGERS THAT INTERSECT THE BEDDING AT A HIGH ANGLE (GENERALLY CLOSE TO 90°). - THE SEDIMENTS CARRY ONLY A TR. OF SULPHIDES, HOWEVER THE CALCITE STRINGERS CARRY UP TO 3% PYRITE AS SCATERED GRAINS.										

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL20 SHEET NO. 3 OF 4

METERS		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		PPB AM	%	G/TON	G/TON
				FROM	TO				
		- 23.0 - 24.0 - SHALE WITH MINOR SILTSTONE & QUARTZITE. CALCITE STRINGERS CARRY MINOR PYRITE. - OCCASIONAL "SCOUR & FILL" STRUCTURES CREATE A FALSE X-BEDDING APPEARANCE. - OCCASIONAL GRAPHITIC SEAM ON SHEAR PLANES.	23620	23.0	24.0	1.0	45		
42.5	55.5	SHALE - MEDIUM TO LIGHT GREY, RELATIVELY SOFT SHALE WITH "WAVY" BANDED APPEARANCE DUE TO PINCHING & SWELLING OF NUMEROUS NARROW INTERBEDS OF VERY FINE GRAINED SILICEOUS SEDIMENT WITH CALCITE CEMENT. - ENTIRE UNIT HIGHLY CALCAREOUS. - < 1% SULPHIDES AS FINE PYRITE DISSEMINATIONS. - LCA VARIABLE, BUT GENERALLY 45° - MINOR CHLORITIC ALTERATION ON SCHIST PLANES. - 49.0 - 50.0 - SHALE	23621	49.0	50.0	1.0	45		
55.5	90.6	INTERBEDDED SHALE, SILTSTONE, AND QUARTZITE. (AS 2.5 - 42.5) BUT FEWER WHITE CALCITE STRINGERS AND WITH A HIGHER ANGLE OF CA TO BEDDING. - LCA VARIABLE, BUT GENERALLY 30° - 70.0 - 71.0 - I.B. SHALE, SILTSTN, QUET.	23622	70.0	71.0	1.0	45		

LARGINDRES - TORONTO - 366 1160

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL20 SHEET NO. 4 OF 4

METER		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		%	%	GZ TON	GZ TON
				FROM	TO				
		- 68.8 - 70.1 - GRAPHITIC SEAM. SOFT, FRIABLE, AND INTENSELY SHEARED.							
		- 79.0 - 84.0 - INCREASE IN THE NUMBER OF MODERATELY SHEARED SECTIONS, AND AN INCREASE IN THE AMOUNT OF GRAPHITE ON SCHIST PLANES.							
		- NARROW SCOUR & FILL SECTIONS.							
		- BY 86.0 m GRAPHITE CONTENT REDUCED & CHLORITIC ALTERATION BECOMING EVIDENT.							
		- 84.0 - 85.0 - GRAPHITIC SHALE WITH TR. PYRITE.	23623	84.0	85.0	1.0	6		
		- AT 80.0 m LCA - 45°							
90.6	91.5	MIXTURE OF INTERBEDDED GREY AND BUFF SILTSTONE AND FINE GRAINED SILICEOUS SEDIMENT WITH CALCITE CEMENT.							
		- FEW COARSE BLEBS OF PYRITE.							

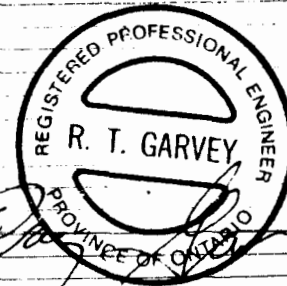
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
 NTS CODE 104 P6W HOLE NO. CL21

LATITUDE AZIMUTH 243° PURPOSE
 DEPARTURE DIP -82° STARTED MAY 24/93
 ELEVATION CORE BW COMPLETED JUNE 6/93
 SECTION 14+90 W LOGGED BY R. GARVEY
 REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0.0	2.5	OVERBURDEN			
2.5	71.0	QUARTZITE			
71.0	77.0	GRAPHITIC SHALE			
77.0	89.7	INTERBEDDED QUARTZITE & SHALE			
	E.O.H.				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL21 SHEET NO. 2 OF 4

METERS		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPB PM	%	GZ TON	GZ TCM
					FROM	TO				
0.0	2.5	OVERBURDEN.								
2.5	71.0	QUARTZITE. - FINE TO MEDIUM GRAINED, LIGHT TO MEDIUM GREY WITH OCCASIONAL PINK HUE. - BEDDING IS ABSENT TO VERY VAGUE AND VARIOUS PHASES GRADE INTO ONE ANOTHER. - GENERALLY NON-CALCAREOUS. - 5.8-6.3 - WEAK SHEARING AND NUMEROUS RANDOMLY ORIENTED CALCITE STRINGERS WITH UP TO 5% PYRITE AS FINE DISSEMINATIONS. - 22.0-26.0 - QUARTZITE BECOMES INTENSELY SHEARED & CONTAINS SEVERAL BRECCIATED SECTIONS AND CHLORITIC ALTERATION. EXTENSIVE NETWORK OF THIN CALCITE STRINGERS. BRECCIATED ZONES CONSIST OF SMALL ANGULAR TO SUB-ROUNDED QUARTZITE FRAGMENTS IN MAINLY A CALCITE MATRIX. MATRIX CONTAINS MINOR PYRITE AS FINE GRAINS AND SMALL CLUSTERS OF TREMOLITE. - 23.0-24.5 - SHEARED AND BRECCIATED QUARTZITE WITH MINOR PYRITE.	23615	5.8	6.3	0.5	9			
			23616	23.0	24.5	1.5	6			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL21 SHEET NO. 3 OF 4

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			PPB AM	%	GC TON	GC TON
					FROM	TO	TOTAL				
		- BY 27.0 m QUARTZITE GRADES INTO DARK GREY TO BLACK AND EXHIBITS FEW CALCITE STRINGERS AND OCCASIONAL COARSE PYRITE GRAIN ON SHEAR PLANES. - 58.0-59.0 - DARK GREY TO BLACK QUARTZITE. FINE GRAINED, UNIFORM AND HOMOGENEOUS. <1% PYRITE AS FINE EUBEDRAL GRAINS. - 63.0-64.5 - CALCAREOUS BRECCIA ZONE WITH A STOCKWORK OF FINE CALCITE VEINLETS. - BY 69.0 m QUARTZITE IS INTERBEDDED WITH THIN BEDS OF BLACK CALCAREOUS SHALE, AND IS COMMONLY SHEARED.									
			23617		58.0	59.0	1.0	29			
			23618		63.0	64.5	1.5	8			
71.0	77.0	GRAPHITIC SHALE. - DARK GREY TO BLACK, FINE GRAINED AND CALCAREOUS. - BOTH UPPER AND LOWER CONTACTS ARE SHARP. - MODERATELY SHEARED PARALLEL TO BEDDING. LCA - 30° - MINOR CALCITE STRINGERS AND COARSE GRAINED PYRITE BLESS. - 75.0-76.5 - GRAPHITIC SHALE CONTAINING UP TO 5% PYRITE AS VERY FINE GRAINED DISSEMINATIONS.									
			23619		75.0	76.5	1.5	6			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL21 SHEET NO. 4 OF 4

FEET METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
77.0	89.7	ZONE OF INTERBEDDED, MEDIUM TO LIGHT GREY, UNIFORM, FINE GRAINED QUARTZITE (AS 2.5-71.0) AND BLACK, GRAPHITIC, CALCAREOUS SHALE (AS 71.0-77.0). -77.0-84.2 - QUARTZITE -84.2-85.7 - SHALE -85.7-89.7 - QUARTZITE.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL22 SHEET NO. 2 OF 5

DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		PPB PPH	%	OZ TON	OZ TON
				FROM	TO				
0.0	2.0	OVERBURDEN							
2.0	64.4	DOLOMITIC LIMESTONE - FINE GRAINED PALE GREY, UNIFORM AND HOMOGENEOUS DOLOMITIC LIMESTONE. - SCATTERED SULPHIDIC GRAINS IN MINOR AMOUNTS & DARK GREY TO BLACK "SPOTS" OF MAGNETITE. - 2.0 - 6.0 - RUSTY BROWN WEATHERING AND YELLOW STAINING ON FRACTURE PLANES. - 19.4 - 21.5 - BRECCIA ZONE. SMALL ANGULAR FRAGMENTS OF DOL. L.S. IS SLIGHTLY PALER CALCAREOUS MATRIX. - 0.5m OF MISSING GROUND CORE. - 10.0 - 10.1 - SEAM OF BUFF COLOURED SILTSTONE. LCA - 50° - 24.1 - 24.2 - (AS 10.0 - 10.1). - 28.0 - 29.0 - PALE GREY, FINE GRAINED, UNIFORM & HOMOGENEOUS DOLOMITIC L.S. - 45.7 - 2 CM. CALCITE STRINGER WITH COARSE PYRITE BLEBS. - 46.0 - 46.1 - BUFF COLOURED SILTSTONE - LCA - 50° - 56.9 - 57.1 - CALCITE STRINGER WITH UP TO 50% AS COARSE PYRITE BLEBS	23607	28.0	29.0	1.0	6		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL22 SHEET NO. 3 OF 5

FEET METERS		DESCRIPTION	SAMPLE			PPB AM	ASSAYS		
FROM	TO		NO.	FOOTAGE			%	OZ TON	OZ TON
				FROM	TO				
		-57.1 - 57.4 - CALCITE STRINGER. UP TO 5% PYRITE AS BLEBS.							
		-56.9 - 58.0 - PALE GREY, HOMOGENEOUS, DOLOMITIC L.S. WITH CALCITE STRINGERS AND COARSE PYRITE.	23608	56.9	58.0	1.1	7		
64.4	65.5	GRADATIONAL CONTACT ZONE. DOLOMITIC LIMESTONE GRADES FROM PALE GREY TO WHITE, WITH DARKER "MOTTLED" MARKINGS, & THE FIRST APPEARANCE OF DISCONTINUOUS HAR-LIKE FRACTURES CONTAINING VERY FINE GRAINED SPHALERITE.							
		-64.5 - 65.0 - MOTTLED L.S. WITH THIN FAULT GOUGE SEAM FILLED WITH SOFT CALCAREOUS MUD.	23609	64.5	65.0	0.5	6		
65.5	74.2	DOLOMITIC LIMESTONE - WHITE TO MEDIUM GREY, FAINTLY MOTTLED, INTERSECTED BY NUMEROUS THIN, DISCONTINUOUS, RANDOMLY ORIENTED, DARK FRACTURES THAT ARE FILLED WITH FINE GRAINED SPHALERITE AND PYRITE. TR Mo + Ga. - TOTAL SULPHIDES 3-4%.							

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL22 SHEET NO. 4 OF 5

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPB RA	%	OZ TON	OZ TON
					FROM	TO				
		-68.8 - 68.9 - FAULT BRECCIA SEAM, MYLONITIC IN APPEARANCE. SMALL SUB-ROUNDED CLASTS OF CALCITE & QUARTZ IN A DARK MATRIX CONSISTING MAINLY OF PYRITE AND VERY MINOR GALENA. $\angle CA - 45^\circ$.								
		-65.5 - 67.0 - MOTTLED DOLOMITIC L.S. WITH THIN DISCONTINUOUS FRACTURES CONTAINING MINOR FINE GRAINED SPHALERITE AND PYRITE.	23610		65.5	67.0	1.5	7		
		-67.0 - 68.5 - (AS 65.5 - 67.0) —————	23611		67.0	68.5	1.5	16		
		-70.0 - 74.2 - DOLOMITIC LIMESTONE CONTAINS SEVERAL 2-3 CM WIDE SILTSTONE INTERBEDS. $\angle CA - 50^\circ$								
74.2	77.0	INTERBEDDED SILTSTONE & QUARTZITE. - FINE TO VERY FINE GRAINED, MEDIUM TO LIGHT GREY. $\angle CA - 45-50^\circ$ - BANDING ON 0.5 TO 1.0 CM SCALE WITH A FEW NARROWER SEAMS. - SULPHIDES UP TO 10% OF COMPOSITION AS PO & PY SEAMS IN BEDDING AND SCATTERED MEDIUM EUBEDRAL GRAINS.								
		-74.5 - 75.5 - (AS 74.2 - 77.0) —————	23612		74.5	75.5	1.0	26		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 22 SHEET NO. 5 OF 5

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL				
77.0	90.8	MIXTURE OF ALTERNATING PALE GREY, HOMOGENEOUS, FINE GRAINED, DOLOMITIC LIMESTONE AND "SPECKLED" VARIETY OF DOLOMITIC LIMESTONE DUE TO VAGUE, IRREGULAR OUTLINES OF DARK CARBONATE MINERAL. - NUMEROUS STYLOLITIC SEAMS, SOME CARRYING MINOR AMOUNTS OF FINE GRAINED SPHALERITE AND PYRITE. - 82.0 - 83.0 (AS 77.0 - 90.8) ————— - SEVERAL 2-3 CM WIDE SILTSTONE INTERBEDS. - 86.5 } < CA-70' - 86.7 } - 87.0 } - 89.7 }									
			23613	82.0	83.0	1.0					
90.8	97.2	DOLOMITIC LIMESTONE. - PALE LIGHT GREY TO WHITE AND YELLOWISH MOTTLED DOLOM. L.S. WITH VAGUE "STYLOLITIC" BANDING. - SOMEWHAT POROUS AND VUGGY. - FINE STYLOLITIC SEAMS AND HAIR-LIKE FRACTURES CONTAIN FINE GRAINED SPHALERITE AND PYRITE IN MINOR AMOUNTS. - 94.0 - 95.5 - (AS 90.8 - 97.2) —————									
			23614	94.0	95.5	1.5					

LANGRANGES - TORONTO - 366-1168

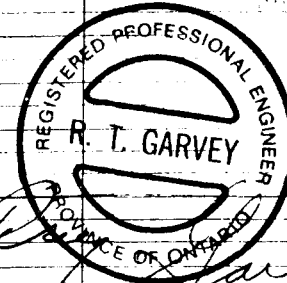
DIAMOND DRILL HOLE LOG

PROPERTY *CAROL GROUP* LOCATION *GOOD HOPE LAKE, B.C.*
 NTS CODE *104 P6W* HOLE NO. *CL23*

LATITUDE AZIMUTH *358°* PURPOSE
 DEPARTURE DIP *-80°* STARTED *JUNE 17/93*
 ELEVATION CORE *BW* COMPLETED *JUNE 21/93*
 SECTION *11+50 W* LOGGED BY *R. GARVEY*
 REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
<i>0.0</i>	<i>2.0</i>	<i>OVERBURDEN</i>			
<i>2.0</i>	<i>25.8</i>	<i>SILICEOUS ARGENTITE</i>			
<i>25.8</i>	<i>26.4</i>	<i>MASSIVE SULPHIDES</i>			
<i>26.4</i>	<i>64.7</i>	<i>DOLOMITIC LIMESTONE</i>			
	<i>E.O.H.</i>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL23 SHEET NO. 2 OF 3

METERS		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	T. SULPHIDES	FOOTAGE			%	OZ TON	OZ TON
					FROM	TO	TOTAL			
0.0	2.0	OVERBURDEN								
2.0	25.8	<p>SILICEOUS ARENITE</p> <ul style="list-style-type: none"> - VERY FINE GRAINED AND UNIFORM, FAINTLY BANDED, MEDIUM TO LIGHT GREY, SILICEOUS ARENITE. - HIGHLY FRACTURED AND SHEARED PARALLEL TO BEDDING AND SHEARS ARE STRONGLY CARBONATED. - CALCAREOUS SHEARS AND THIN CALCITE STRINGERS COMPRISE APPROX 10% OF COMPOSITION. - FINE PYRITE GRAINS AND SEAMS COMPRISE 2-3% OF COMPOSITION. - 18.5-20.0 - CALCAREOUS, SILICEOUS ARENITE. 2-3% PYRITE. - FEW COARSE PYRITE BLEBS @ 11.8 m - 17.2-17.4 - NARROW BRECCIA SEAM. ARENITE FRAGMENTS IN CALCITE MATRIX. - 16.5 - NARROW FAULT GOUGE SEAM. 								
25.8	26.4	<p>MASSIVE SULPHIDES.</p> <ul style="list-style-type: none"> - APPROX. 80% PYRITE AS COARSE GRAINS WITH APPROX. 5% MIXTURE OF PYRRHOTITE AND SPHALERITE IN A CALCITE CEMENT. - < 1% MAGNETITE. 	23602		18.5	20.0	1.5	16		
			23603		25.8	26.4	0.6	111		

236
 111

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL23 SHEET NO. 3 OF 3

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPB G/T	%	G/T ON	G/T ON
					FROM	TO				
26.4	64.7	DOLOMITIC LIMESTONE. - FINE GRAINED, PALE GREY, UNIFORM, DOLOMITIC LIMESTONE. - 27.0 - 32.0 - NUMEROUS THIN, DISCONTINUOUS SEAMS AND FRACTURES CONTAINING MINOR SPHALERITE, PYRITE, AND MOLYBDENITE, WITH A TR. GALENA. - TOTAL SULPHIDES 4-5%. - 26.4 - 27.9 - (AS 26.4 - 64.7) ————— - 30.0 - 31.0 - (AS 26.4 - 64.7) ————— WITH TR OF FINE GRAINED, LATHE-SHAPED, SILVERY GREY, METALLIC MINERAL. - 46.0 - 47.0 - (AS 26.4 - 64.7) —————								
			23604	26.4	27.9	1.5	18			
			23605	30.0	31.0	1.0	34			
			23606	46.0	47.0	1.0	25			

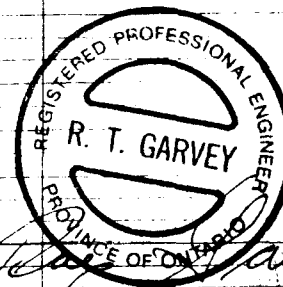
DIAMOND DRILL HOLE LOG

PROPERTY *CAROL GROUP* LOCATION *GOOD HOPE LAKE, B.C.*
 NTS CODE *104 P6W* HOLE NO. *CL24*

LATITUDE AZIMUTH *32°* PURPOSE
 DEPARTURE DIP *-45°* STARTED *JUNE 24/93*
 ELEVATION CORE *BW* COMPLETED *JULY 4/93*
 SECTION *12+30 W* LOGGED BY *R. GARVEY*
 REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0.0	2.1	OVER BURDEN			
2.1	9.2	SHALE			
9.2	29.5	SILTSTONE			
29.5	38.0	CALCAREOUS SHALE			
38.0	42.0	SILTSTONE			
42.0	48.2	DOLOMITIC LIMESTONE			
48.2	54.1	INTERBEDDED QUARTZITE & SILTSTONE			
54.1	56.7	SILTSTONE			
56.7	149.7 E.O.H.	DOLOMITIC LIMESTONE.			



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL24 SHEET NO. 2 OF 9

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AM	%	G/TON	OZ/TON
					FROM	TO	TOTAL				
0.0	2.1	OVERBURDEN.									
2.1	9.2	SHALE. -VERY FINE GRAINED, DARK GREENISH GREY TO BLACK, CALCAREOUS THROUGHOUT AND OCCASIONALLY GRAPHITIC. VAGUE BEDDING ON MM SCALE @ 50° TO CA. -UNIT CUT BY A SWARM OF PARALLEL CALCITE STRINGERS 1-2 MM IN THICKNESS AT APPROX 5 TO 10 MM SPACING. CALCITE STRINGERS @ 80° TO CA. -FINE PYRITE GRAINS THROUGHOUT IN MINOR AMOUNTS, IN PARTICULAR ALONG BOUNDARIES OF CALCITE STRINGERS. -OCCASIONAL SERICITIC &/OR CHLORITIC ALTERATION VISIBLE ON SCHIST PLANES. -7.0 - 8.5 - FINELY BANDED SHALE WITH NUMEROUS CALCITE STRINGERS. 1-2% PY.	13946	7.0	8.5	1.5	26				
9.2	29.5	SILTSTONE. -COLOUR VARIES FROM LIGHT TO MEDIUM GREY AND BUFF, BANDING IS FINE AND FREQUENTLY CONTORTED AND BRECCIATED. -SMALL SCALE FAULTING COMMON -WHERE BEDDING UNDISTURBED <CA-50° -14.2-14.4 - FAULT GOUGE -15.5-15.8 - " " (CON'T)									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL24 SHEET NO. 3 OF 9

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	T. SULPH. IDES	FOOTAGE			PPB AM	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		- CHLORITIC ALTERATION ON SCHIST PLANES. - 1-2% PYRITE AS VERY FINE DISSEMINATIONS AND THIN COATINGS ON SCHIST PLANES. - OCCASIONAL TR. SPHALERITE. - 10.5 - 12.0 - SILTSTONE WITH VERY MINOR PYRITE & SPHALERITE. - 14.2 - 16.0 - SILTSTONE FAULT GOUGE MINOR PYRITE & SPHALERITE. - 17.0 - 18.2 - HIGHLY FRACTURED CALCAREOUS SILTSTONE, MINOR PYRITE & SPHALERITE. - 29.3 - 1 CM SEAM OF COARSE PYRITE BLEBS IN CALCITE.									
			13947		10.5	12.0	1.5	17			
			13948		14.2	16.0	1.8	39			
			13949		17.0	18.2	1.2	66			
29.5	38.0	DARK GREY CALCAREOUS SHALE WITH SWARM OF THIN PARALLEL CALCITE STRINGERS. (SAME AS 2.1 - 9.2). - 36.0 - 37.0 - SHALE WITH CALCITE STRINGERS.									
			13950		36.0	37.0	1.0	21			
38.0	42.0	SILTSTONE. (AS 9.2 - 29.5). - 40.8 - 41.9 - HIGHLY SHEARED AND FAULTED WITH PYRITE MINERALIZATION UP TO 40% IN FRACTURED SEAMS. - 41.0 - 41.4 - CENTRAL PORTION OF SHEARED ZONE IS SAND. VERY FINE GRAINED TO GRIT SIZED, NON-CALCAREOUS, APPROX EQUAL AMOUNTS OF QUARTZ AND EUBEDRAL PYRITE.									
		(CON'T)									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP

HOLE NO. CL24 SHEET NO. 4 OF 9

FOOTAGE METERS		DESCRIPTION	SAMPLE			PPB	ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	OZ TON	OZ TON	
				FROM	TO	TOTAL				
		- 40.8 - 41.0 - GROUND CORE AND FAULT GOUGE, 40-50% FINE EUBEDRAL PY. GRAINS.	13951		40.8	41.0	0.2	27		
		- 41.0 - 41.4 - MIXTURE OF FINE QUARTZ GRAINS & FINE EUBEDRAL PY. GRAINS.	13952		41.0	41.4	0.4	56		
		- 41.4 - 41.9 - (AS 40.8 - 41.0)	13953		41.4	41.9	0.5	39		
42.0	48.2	<p>DOLOMITIC LIMESTONE</p> <p>- MIXTURE OF UNIFORM DOL. L.S. WITH SECTIONS THAT EXHIBIT A WEAKLY BRECCIATED APPEARANCE (THOUGH LACKING SHEARING AND FAULT GOUGE).</p> <p>- LIGHT TO MEDIUM GREY WITH DARK GREY TO BLACK PATCHES CREATING A MOTTLED APPEARANCE.</p> <p>- TR PYRITE THROUGHOUT AS FINE DISSEMINATED GRAINS, HOWEVER HIGHER PYRITE CONCENTRATIONS 44.0 - 45.4 m.</p> <p>- OCCASIONAL PARTINGS IN DOL. L.S. EXHIBIT WEAK CHLORITIC +/- GRAPHITIC ALTERATION.</p> <p>- 44.0 - 45.4 - GREY TO BLACK MOTTLED DOL. L.S. WITH MINOR PY AS FINE GRAINS.</p>	13954		44.0	45.4	1.4	17		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL24 SHEET NO. 5 OF 9

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	G/TON	G/TON
					FROM	TO	TOTAL				
48.2	54.1	INTERBEDDED QUARTZITE & SILTSTONE. - PREDOMINANTLY DARK BLUISH GREY, FINE GRAINED, QUARTZITE WITH MINOR THIN INTERBEDS OF BUFF COLOURED SILTSTONE. - BEDDING MODERATELY DISTINCT LCA - 45° - NARROW SECTIONS EXHIBIT CONTORTED BANDING AND VAGUE, "WISPY" CROSS-BEDDING. - FINE, CONFORMABLE PYRITE SEAMS COMMON THROUGHOUT.									
54.1	56.7	SILTSTONE - VERY FINE GRAINED + FINELY BANDED. - NEAR UPPER CONTACT COLOUR IS GREY TO BUFF, BUT WITH DEPTH RED INCREASES DUE TO INCREASING HEMATITE ALTERATION. - UNIT BECOMES LESS COMPETENT WITH DEPTH - BY 56.0 m SOME CORE GRINDING AND SOFT REDDISH BROWN FAULT GOUGE FOLLOWED BY 5 CM OF MASSIVE PYRITE AT THE BOTTOM OF THE UNIT. SULPHIDE LENSE IS 80-90% COARSE EUBEDRAL AND ANHEDRAL PYRITE, WITH VERY MINOR MOLYBDENITE.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL24 SHEET NO. 6 OF 9

METERS		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPR	%	GZ. TON	GZ. TON
					FROM	TO				
		-56.0-56.7 - HEMATIZED SILTSTONE, REDDISH-BROWN FAULT GOUGE, 5 CM SEAM OF MASSIVE PYRITE	13955		56.0	56.7	0.7	17		
56.7	61.9	DOLOMITIC LIMESTONE. -FINE GRAINED, LIGHT GREY TO PALE YELLOWISH GREY, WITH MORE PRONOUNCED YELLOWISH STAINING IN FRACTURES. -UNIT MODERATELY FRACTURED AND MINOR CORE GRINDING EVIDENT. -TOTAL SULPHIDES 2-3% COMPRISED OF FINE DARK SEAMS OF FINE GRAINED SPHALERITE WITH TR OF GALENA AND MOLYBDENITE. -56.7-58.0 - (AS 56.7-61.9) -----	13956		56.7	58.0	1.3	19		
61.9	67.0	DOLOMITIC LIMESTONE -AS 56.7-61.9 BUT EMERGENCE OF SMALL SPHERICAL CONCENTRIC INCLUSIONS (UP TO 3 mm) -OOLITIC ?								

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. GL24 SHEET NO. 7 OF 9

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AN	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
67.0	91.4	DOLOMITIC LIMESTONE (AS 56.7 - 61.9) - DEGREE OF SHEARING AND FRACTURING INCREASING WITH DEPTH. - OCCASIONAL THIN DISCONTINUOUS SEAMS CONTAIN FINE GRAINED SPHALERITE OR MAGNETITE. - 69.5 - 2 CM FINE BRECCIA SEAM. - BY 75.0 m - NUMEROUS NARROW BRECCIATED SECTIONS. - BY 82.0 m - UNIT IS PREDOMINANTLY BRECCIATED. - BY 85.0 m - NUMEROUS, NARROW MUDDY FAULT GOUGE SEAMS. - 87.2 - 87.3 - FAULT BRECCIA. - FINE GREY DOL. L.S. FRAGMENTS IN YELLOWISH BROWN CALCITE MUD. - 88.2 - 88.6 - SILTY SANDY FAULT GOUGE. - 84.0 - 85.0 - YELLOWISH GREY, BRECCIATED, DOLOMITIC LIMESTONE.									
			13958		88.2	88.6	0.4	7			
			13957		84.0	85.0	1.0	11			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 24 SHEET NO. 8 OF 9

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO	SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON
				FROM	TO	TOTAL				
91.4	98.9	OOLITIC DOLOMITIC LIMESTONE. -LIGHT TO MEDIUM GREY AND DARKENING SOMEWHAT WITH DEPTH. -APPROX. 25% OF BULK COMPOSITION IS COMPRISED OF SMALL (1-2 mm) SPHERICAL, CONCENTRIC OOLITES. -OCCASIONAL NARROW (2-3 mm) SILTSTONE SEAM. LCA -55° -TR TO 1% SULPHIDES AS FINE PYRITE DISSEMINATIONS.								
98.9	104.5	DOLOMITIC LIMESTONE. (AS 56.7-61.9)								
104.5	112.7	DOLOMITIC LIMESTONE -MEDIUM TO DARK GREY, WITH NUMEROUS, NARROW, RANDOMLY ORIENTED CALCITE STRINGERS. -OCCASIONAL SILTSTONE INTERBEDS UP TO 0.3 m THICKNESS. LCA -55° -TR PYRITE.								

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL24 SHEET NO. 9 OF 9

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO	SULPHIDES	FROM	TO	TOTAL	PPB	%	OZ TON	OZ TON
112.7	126.3	DOLOMITIC LIMESTONE - FINE GRAINED, PALE GREY TO YELLOWISH GREY. - CONSIDERABLE PITTING AND FRACTURING ACCOMPANIED BY YELLOWISH BROWN AND DARK BROWN STAINING. - UNIT OCCASIONALLY APPEARS FAINTLY "SPECKLED" DUE TO SCATTERED GRAINS OF AUGITE/DIOPSIDE AND MAGNETITE, WITH MINOR SPHALERITE SEAMS. - 120.5 - 122.0 - (AS 112.7 - 126.3)	13959		120.5	122.0	1.5	20			
126.3	128.2	DOLOMITIC LIMESTONE (AS 56.7 - 61.9)									
128.2	140.8	DOLOMITIC LIMESTONE (AS 112.7 - 126.3) - 136.5 - 138.0 - PITTED, "SPECKLED", DOLOMITIC LIMESTONE WITH MINOR AUGITE/DIOPSIDE & MAGNETITE. - MINOR ARAGONITE IN VUGS.	13960		136.5	138.0	1.5	233			
140.8	149.7	DOLOMITIC LIMESTONE (AS 56.7 - 61.9)									
		E.O.H.									

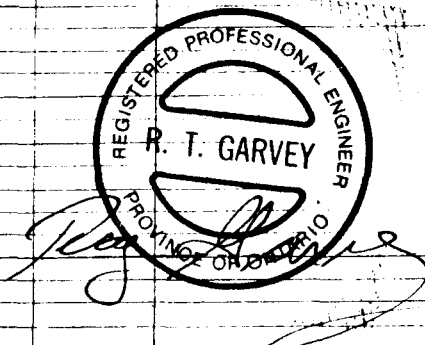
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
 NTS CODE 104 P6W HOLE NO. CL25

LATITUDE AZIMUTH 360° PURPOSE
 DEPARTURE DIP -42 STARTED JULY 6/93
 ELEVATION CORE BW COMPLETED JULY 16/93
 SECTION 13 + 25 W LOGGED BY R. GARVEY
 REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0.0	54.5	SILTSTONE			
54.5	81.5	DOLOMITIC LIMESTONE			
81.5	90.1	INTERBEDDED SILTSTONE AND QUARTZITE.			
90.1	135.7	DOLOMITIC LIMESTONE			
135.7	151.5	SHALY, DOLOMITIC LIMESTONE.			
	E.O.H.				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL25 SHEET NO. 2 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	GZ. TON	GZ. TON
					FROM	TO	TOTAL				
		COLLARED IN BEDROCK.									
0.0	54.5	<p>SILTSTONE</p> <ul style="list-style-type: none"> - PREDOMINANTLY DARK GREY WITH MINOR LIGHT GREYISH BROWN INTERBEDS. - WHERE BEDDING APPEARS UNDISTURBED LCA - 45° - CONSIDERABLE CONTORTED BEDDING (SOFT SEDIMENT DEFORMATION) AND A NUMBER OF SMALL SCALE FAULTS. - SLIGHTLY SILICEOUS AND NUMEROUS NARROW (20-5 CM) CALCITE STRINGERS PARALLEL TO BEDDING. - FIRST 20 m MINOR RUSTY IRON STAIN ON FRACTURE PLANES. - BEDDING IS NOT PRONOUNCED, AND IS OFTEN WISPY AND PINCHES AND SWELLS, AND EXHIBITS FAINT CROSS-BEDDING - TOTAL SULPHIDES 1-2% AS FINE PYRITE DISSEMINATIONS AND VERY THIN SEAMS. - 14.0 - 15.0 - SILTSTONE, ≈ 1% PYRITE AS GRAINS AND SEAMS. - 25.0 - 26.0 - (AS 14.0 - 15.0) ————— - 37.0 - 38.0 - (AS 14.0 - 15.0) ————— - FINAL 2.0 m STRONGLY CALCAREOUS. - VERY SHARP BOTTOM CONTACT. 									
			13961		14.0	15.0	1.0	5			
			13962		25.0	26.0	1.0	8			
			13965		37.0	38.0	1.0	24			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL25 SHEET NO. 3 OF 6

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	FOOTAGE		PPB AN	%	G/TON	G/TON	
				DES.	FROM					TO
54.5	79.5	DOLOMITIC LIMESTONE. -MOTTLED, POROUS, MEDIUM TO DARK GREY, GENERALLY COARSE GRAINED IN APPEARANCE WITH LIGHT GREY AND VERY FINE GRAINED, IRREGULAR BLOTCHES AND SEAMS. -COMPETENT, UNIFORM UNIT BUT HAS VAGUE BRECCIATED APPEARANCE. (DARKER CLASTS IN LIGHTER MATRIX). -WEAK FRACTURING IN DARKER LENSES. -NARROW SECTIONS EXHIBIT WEAK CHLORITIC ALTERATION, AND CONTAIN SMALL IRREGULAR-SHAPED MASSES OF MAGNETITE. -MINOR PYRITE THROUGHOUT AS FINE DISSEMINATIONS AND BLEBS. -AT 68.8, 2 CM OF TALC IN DOLOMITIC LIMESTONE BRECCIA. -60.0 - 61.5 - MOTTLED DOLOMITIC LIMESTONE BRECCIA. MINOR PYRITE. -67.0 - 68.0 - (AS 60.0 - 61.5) ——— -54.5 - 55.0 - YUGGY PORTION OF DOLOMITIC LIMESTONE. -73.0 - 74.0 - DARK GREY MOTTLED DOLOMITIC LIMESTONE. MINOR PYRITE -78.0 - 79.5 - (AS 73.0 - 74.0) ———								
			13966	60.0	61.5	1.5	91			
			13967	67.0	68.0	1.0	7			
			13968	54.5	55.0	0.5	46			
			13969	73.0	74.0	1.0	25			
			13970	78.0	79.5	1.5	24			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL25 SHEET NO. 4 OF 6

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHUR 1255	FOOTAGE			PPB BY	%	GZ TON	GZ TON
					FROM	TO	TOTAL				
79.5	81.5	GRADATIONAL CONTACT ZONE. - DARK GREY MOTTLED DOLOMITIC LIMESTONE BECOMING LIGHTER IN COLOUR AND LESS BRECCIATED IN APPEARANCE. - EMERGENCE OF A FEW NARROW SEAMS OF SILICEOUS SEDIMENT AND SILTSTONE.									
81.5	89.8	INTERBEDDED SILTSTONE AND SILICEOUS SEDIMENT. - MIXTURE OF FINE GRAINED SILICEOUS SEDIMENT MEDIUM GREY IN COLOUR AND LIGHT BROWNISH GREY AND BUFF COLOURED, FINELY BANDED SILTSTONE. - PREDOMINANTLY SILICEOUS SEDIMENT AT THE BEGINNING OF THE UNIT WITH AN INCREASE IN SILTSTONE WITH DEPTH UNTIL IT FORMS THE MAJOR PORTION OF THE UNIT. - SILTSTONE BANDS PINCH AND SWELL. - MINOR SMALL SCALE FAULTING AND CONTORTED BANDING. - 3-4% PYRITE AS BLEBS AND FINE SEAMS, IN SILTSTONE. - 87.0 - 89.0 - SILTSTONE WITH MINOR SILICEOUS INTERBEDS. - UP TO 5% PY	13971	87.0	89.0	2.0	12				

LARRIBEE'S - TORONTO - 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 25 SHEET NO. 5 OF 6

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			PPB AN	%	G/TON	G/TON
					FROM	TO	TOTAL				
89.8	90.1	CONTACT ZONE AND FAULT GOUGE CONSISTING OF CALCAREOUS MUD AND SILTSTONE FRAGMENTS.									
90.1	99.5	DOLOMITIC LIMESTONE - LIGHT GREY TO WHITE, HOMOGENEOUS AND COMPACT. - VERY NARROW DARK GREEN SEAMS CONTAINING MINOR PYRITE. - FEW FAINT YELLOW GREY BANDS - 93.0 - 93.4 - 95.5 - 95.8 - SHARP LOWER CONTACT AT 99.5 TO YELLOW GREY DOLOMITIC LIMESTONE - 93.0 - 94.5 - (AS 90.1 - 99.5) WITH TR. MAGNETITE, SPHALERITE AND GALENA AS FINE COATINGS ON FRACTURE PLANES.	13972		93.0	94.5	1.5	10			
99.5	127.5	DOLOMITIC LIMESTONE. - FINE GRAINED, YELLOWISH GREY, SOMEWHAT PITTED. FAINT "SPECKLED" APPEARANCE CAUSED BY FINE TO MEDIUM GRAINS OF AUGITE/DIOPSIDE AND MAGNETITE. - MINOR SPHALERITE AS FINE DISCONTINUOUS SEAMS AND INTERSTITIAL GRAINS.									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 25 SHEET NO. 6 OF 6

METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		PPB ALL	%	GZ TON	GZ TON
					FROM	TO				
		- FRACTURE PLANES ARE RUSTY YELLOWISH BROWN AND OFTEN CONTAIN FINE DENDRITIC MAGNETITE GROWTHS.								
		- 106.0 - 107.5 - YELLOWISH GREY "SPECKLED" DOLOMITIC LIMESTONE.	13973		106.0	107.5	1.5	7		
		- 121.5 - 123.0 - (AS 106.0 - 107.5) —	13974		121.5	123.0	1.5	6		
127.5	135.7	DOLOMITIC LIMESTONE (AS 90.1 - 99.5). - 134.5 - 135.5 (AS 90.1 - 99.5) —	13975		134.5	135.5	1.0	6		
135.7	157.5	SHALY, DOLOMITIC LIMESTONE. - CONSIDERABLE SHALE AND SILTSTONE COMPONENT IN FINE GRAINED, MEDIUM TO DARK GREY, MODERATELY BANDED DOLM. L.S. LCA - 80° - SLIGHT SHEARING AND BRECCIATION EVIDENT WITH DEPTH, WITHOUT SIGNIFICANT DISPLACEMENT. - BY 142.0 M FAINT, SMALL CIRCULAR REEFAL STRUCTURES COMPRISE UP TO 30% OF BULK. - REEFAL MATERIAL INTERBEDDED WITH SHALY AND SILTSTONE MATERIAL. - 145.0 - 146.0 - SHALY, DOLOMITIC LIMESTONE.	13976		145.0	146.0	1.0	5		

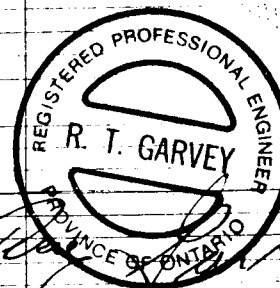
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
 NTS CODE 104 P6W HOLE NO. CL26

LATITUDE AZIMUTH 360° PURPOSE
 DEPARTURE DIP -37° STARTED JULY 19/93
 ELEVATION CORE BW COMPLETED JULY 29/93
 SECTION 14+25W LOGGED BY R. GARVEY
 REF. GRID

SUMMARY

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0.0	2.7	OVERBURDEN			
2.7	66.1	INTERBEDDED SILTSTONE AND SHALE			
66.1	76.7	SILTSTONE			
76.7	77.4	SILICEOUS SILTSTONE			
77.4	86.5	DOLOMITIC LIMESTONE			
86.5	93.8	ARKOSE			
93.8	133.7	QUARTZITE			
133.7	137.5	DOLOMITIC LIMESTONE			
137.5	142.2	INTERBEDDED QUARTZITE & SILTSTONE			
142.2	149.0	DOLOMITIC LIMESTONE			
149.00	151.52	MINERALIZED DOLOMITIC LIMESTONE			
	E.O.H.	- 2.5 m. AVERAGING APPROXIMATELY 125 g/t Ag AND 3.0% Zn.			



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 2 OF 10

FEET METERS		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL					
0.0	2.7	OVERBURDEN										
2.7	66.1	INTERBEDDED META SEDIMENTS. - MIXTURE OF SILTSTONE AND SHALE WITH SILTSTONE PREDOMINATING, MODERATELY CALCAREOUS IN THIN SEAMS. - OCCASIONALLY BRUCCIATED IN NARROW SECTIONS THAT CONTAIN CONTORTED QUARTZ-CARBONATE STRINGERS. - STRINGERS GENERALLY LACKING IN SULPHIDES, BUT @ 15.5 m A NARROW CARBONATE SEAM WITH RUSTY PYRITE BLEBS UP TO 1 CM. - 10.3-15.5 - INTERBEDDED META SEDIMENTS WITH MORE INTENSE BANDING ACCOMPANIED BY SHEARING AND NUMEROUS CLAY SEAMS AND SMALL SCALE QUARTZ-CARBONATE STOCKWORKS, AND SMALL SCALE FAULTS. - MINOR FRACTURING ACCOMPANIED BY RUSTY WEATHERING ON FRACTURES. - MINOR CHLORITIC ALTERATION ON SCHIST PLANES. - TR SULPHIDES AS VERY FINE GRAINED PYRITE DISSEMINATIONS.										

(CONT)

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 3 OF 10

METERS		DESCRIPTION	SAMPLE				PPB Am	ASSAYS			
FROM	TO		NO	% SULPH IDES	FOOTAGE			%	GZ TON	GZ TON	
					FROM	TO					TOTAL
		- 17.9 - NARROW BRECCIATED MUD SEAM.									
		- 18.0 - INTENSELY SHEARED SILTSTONE WITH MINOR QUARTZ-CARBONATE STRINGERS IN SOFT FRIABLE MUD SEAM UP TO 5% Pp Py AS FINE GRAINS. - MODERATELY CALCAROUS	13901		17.9	18.0	0.1	11			
		- 34.00 - 34.45 - HIGHLY CONTORTED CLAY AND SILTSTONE SEAMS (MM SCALE BANDING) CONTAINING NARROW QUARTZ-CARBONATE STRINGERS < 1% FINE PYRITE GRAINS.									
		- VARIETY OF VERY NARROW (1-2 mm) QUARTZ-CARBONATE VEINLETS THROUGHOUT. - SOME CONFORM TO BANDING - SOME CROSS-CUT - SOME CONTORTED (PRISMATIC) - SOME INTERBRANCHING NETWORKS.									
		- < CA GRADUALLY CHANGING. - @ 45.0 m - 50° - @ 65.0 m - 80°									
		- 45.0 - 56.0 - SILTSTONE AND SHALE APPROX 50-50 COMPOSITION AND OFTEN GRAPHITIC AND CONTAINS FINE STOCKWORKS OF QUARTZ-CARB. STRINGERS AND ZONES OF INTENSE SHEARING.									
		- 47.8 - 48.5 - FAULT GOUGE AND MUD WITH CLAY SELVAGES.	13902		47.8	48.5	0.7	8			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 26 SHEET NO. 4 OF 10

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB P4	%	GZ TON	GZ TON
					FROM	TO	TOTAL				
66.1	76.7	<p>SILTSTONE.</p> <ul style="list-style-type: none"> - CONTACT GRADATIONAL FROM OVERLYING UNIT. - FINE BARBED, LIGHT BROWNISH GREY, STRONGLY CARBONATED AND HOMOGENEOUS. - NARROW WHITE QUARTZ-CARBONATE CONFORMABLE STRINGERS. - LCA - 75° - LACKING IN SULPHIDES. - MODERATE CHLORITIC ALTERATION ON SCHIST PLANES - LOWER CONTACT GRADATIONAL INTO FINER GRAINED, MORE FINELY LAMINATED, NON-CALCAREOUS SILTSTONE. 									
76.7	77.4	<p>SILICEOUS SILTSTONE.</p> <ul style="list-style-type: none"> - LIGHT BROWNISH GREY, VERY FINE WAVY AND CONTORTED LAMINATIONS. - NON-CALCAREOUS, CHLORITIC SEAMS, AND UP TO 5% SULPHIDES AS FINE CONFORMABLE SEAMS AND BLENDS OF P0 AND P4. 	13903		76.7	77.4	0.7	7			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 5 OF 10

METERS		DESCRIPTION	SAMPLE			PPB Au	ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	G/TON	G/TON	
					FROM					TO
77.4	86.5	<p>DOLOMITIC LIMESTONE.</p> <ul style="list-style-type: none"> - MEDIUM TO DARK GREY, WITH DARKER PATCHES AND STREAKS CONTAINING MINOR DIOPSIDE AND TREMOLITE IN MODERATELY SILICIFIED ZONES. - DENSE AND COMPACT WITH UP TO 5% SULPHIDES AS SMALL INTERSTITIAL GRAINS OF PO PY. - 79.0 - 79.7 - DOLOMITIC LIMESTONE WITH MINOR PO + PY. - 85.8 - 86.5 - FAULT SEAM. - FRIABLE AND MUDDY, CONTAINS NARROW SEAMS OF FINELY LAMINATED SILTY MATERIAL. - SHARP LOWER CONTACT. 	13904	79.0	79.7	0.7	6			
86.5	93.8	<p>ARKOSE</p> <ul style="list-style-type: none"> - NON-CALCAREOUS, HARD, MEDIUM GRAINED, PINKISH GREY ARKOSE, INTERBEDDED WITH NARROW LENSES OF FINELY LAMINATED, LIGHT BUFF COLOURED, SILICIFIED SILTSTONE. - CONSIDERABLE SMALL SCALE FAULTING AND CONTORTED BANDING. - WHERE UNDISTURBED. $\angle CA - 70^\circ$ 								

(CON'T)

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 6 OF 10

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	G/TON	G/TON
					FROM	TO	TOTAL				
		- NUMBER AND THICKNESS OF SILTSTONE BEDS INCREASES WITH DEPTH. - BY 93.0 m COMPRISES 60% OF UNIT. - MINOR (<1%) SULPHIDES AS OCCASIONAL FINE GRAINS OF Pb & Py + VERY NARROW CROSS-CUTTING SEAMS.									
93.8	131.2	QUARTZITE - MIXTURE OF FINE TO MEDIUM GRAINED PINKISH GREY AND DARK BLuish GREY, BANDED QUARTZITE. - BEDDING GENERALLY UNIFORM ON 0.5 TO 2.0 CM SCALE WITH THIN FINE SILTSTONE SEAMS. - OCCASIONAL GRADED BED (TOPS UP). - FEW NARROW BEDS (0.5 TO 1.0 CM) EXHIBIT CROSS-BEDDING. - 101.5 - 103.3 - SECTION HAS HIGHER PROPORTION (50%) OF SILTSTONE THAN REMAINDER OF UNIT. - FEW SMALL SCALE FAULTS AND NARROW CONTORTED SECTIONS. - 104.5 - 104.65 - SOFT, YUGGY FAULT SEAM WITH COARSE PYRITE GRAINS. - \angle CA VARIABLE, BUT GENERALLY 65°									

LAURIERES - TORONTO - 366.1160

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 7 OF 10

METERS		DESCRIPTION	SAMPLE			PPB Au	ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	G/TON	OZ/TON	
					FROM					TO
		-100.5 - 100.7 - NARROW SECTION OF QUARTZITE CONTAINING UP TO 15% PY AND PO, AND VERY MINOR MAGNETITE AND CHALCOPYRITE, AS FINE DISSEMINATED GRAINS AND OCCASIONAL FINE CONFORMABLE SULPHIDE SEAMS	13905		100.5	101.7	1.2	8		
		-104.50 - 104.65 - SOFT, VUGGY FAULT SEAM IN INTERBEDDED QUARTZITE AND SILTSTONE. UP TO 10% SULPHIDES AS COARSE PYRITE BLESS.	13906		104.50	104.65	0.15	14		
		-122.0 m - FIRST APPEARANCE OF SPHALERITE AND GALENA IN HOLE IN LIGHT GREY TO WHITE QUARTZITE. LESS THAN 1% TOTAL GALENA AND SPHALERITE ASSOCIATED WITH MINOR PYRITE IN RANDOMLY ORIENTED HAIR-LIKE SEAMS.								
		-BY 123.0 m LCA - 80° AND SILTSTONE SEAMS APPROX 40% OF BULK COMPOSITION.								
		-128.7 - 129.0 - FAULT SEAM. - SOFT, FRIABLE QUARTZITE AND SILTSTONE CLASTS IN MUDDY CALCITE MATRIX WITH MINOR PYRITE AS COARSE BLESS.	13907		128.7	129.0	0.3	8		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 8 OF 10

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB BY	%	GZ TON	GZ TCM
					FROM	TO	TOTAL				
131.2	133.7	GRADATIONAL CONTACT AND BRECCIA ZONE. - MIXTURE OF NON-CALCAREOUS QUARTZITE AND FINELY LAMINATED SILTSTONE - ROUNDED TO ANGULAR BRECCIA FRAGMENTS UP TO 2 CM AND INTENSELY SHEARED AND CONTORTED BANDING OF BOTH QUARTZITE AND SILTSTONE IN NON-CALCAREOUS SOFT MATRIX. - INTENSE CHLORITIC ALTERATION ON FRACTURE PLANES. - VERY FEW NARROW, RANDOMLY ORIENTED CALCITE SEAMS. - LESS THAN 1% PYRITE. - 131.2-132.0 - (AS 131.2-133.7) ———	13909	131.2	132.0	0.8	10				
133.7	137.5	DOLOMITIC LIMESTONE. - COARSE GRAINED, LIGHT GREY TO WHITE, WITH A FEW VERY NARROW, NETWORKING SULPHIDE SEAMS (PYRITE AND SPHALERITE). - ACCOMPANIED BY MINOR CHLORITE STREAKS. - OCCASIONAL FAINT YELLOW MOTTLED APPEARANCE. - 135.5-136.5 - (AS 133.7-137.5) ———	13908	135.5	136.5	1.0	9				

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 9 OF 10

FEET METERS		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB Au	%	Ag g/t	G2 TON	Zn %
					FROM	TO	TOTAL					
137.5	142.2	MIXTURE OF QUARTZITE AND SILTSTONE. - APPROX. EQUAL AMOUNTS OF DARK GREY AND BLUISH GREY QUARTZITE AND FINELY LAMINATED, BUFF COLOURED SILTSTONE. - MINOR SMALL SCALE FAULTING AND CONTORTED BEDDING. - GENERALLY LCA - 80° - 141.0 - 141.8 - MINOR SULPHIDES (Pb & PY) AS CLOTS AND SEAMS IN QUARTZITE AND SILTSTONE.	13910		141.0	141.8	0.8	51				
142.2	149.0	DOLOMITIC LIMESTONE. - COARSE GRAINED, MOTTLED, LIGHT GREY TO WHITE AND PALE YELLOW. FEW NARROW CHLORITIC SEAMS. OCCASIONAL FINE, WISPY, NETWORK OF DARK REDDISH BROWN, FINE GRAINED SPHALERITE WITH MINOR Pb, PY & MO. (APPROX. 2% OF COMPOSITION). - 142.2 - 143.7 - (AS 142.2 - 149.0) ——— - 143.7 - 145.2 - (AS 142.2 - 149.0) ——— - 145.2 - 146.7 - (AS 142.2 - 149.0) ——— - 146.7 - 148.2 - (AS 142.2 - 149.0) ——— - 148.2 - 149.0 - (AS 142.2 - 149.0) ———	13911		142.2	143.7	1.5	7				0.004
			13912		143.7	145.2	1.5	11				0.003
			13913		145.2	146.7	1.5	25				0.003
			13914		146.7	148.2	1.5	17				0.170
			13915		148.2	149.0	0.8	10				0.007

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL26 SHEET NO. 10 OF 10

METERS		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	Ag	GZ TON	Zn
					FROM	TO	TOTAL					
149.00	151.52	MINERALIZED DOLOMITIC LIMESTONE. E.O.H.										
		- COARSE GRAINED, CRYSTALLINE, MOTTLED, LIGHT GRAY TO WHITE WITH PALE YELLOW.										
		- THE ENTIRE SECTION IS INTERSECTED BY A NETWORK OF NUMEROUS NARROW VEINLETS OF FINE GRAINED, EUMEDRAL, REDDISH BROWN SPHALERITE IN ASSOCIATION WITH MINOR FINE GRAINED PYRITE, GALENA, AND MOLYBDENITE. THE NETWORK OF SULPHIDE SEAMS APPEARS TO OCCUPY FRACTURES IN THE DOL. L.S. AND COMPRISES UP TO 30% OF THE BULK COMPOSITION.										
		- 149.00 - 150.25 (AS 149.00 - 150.25) -	13916		149.00	150.25	1.25	16		58		2.450
		- 150.25 - 151.47 (AS 149.00 - 150.25) -	13917		150.25	151.47	1.22	50		172.9		3.240
		- 151.47 - 151.52 - MASSIVE SULPHIDES - 5 CM OF SOFT, MASSIVE - PYRITE WITH MINOR CALCITE AND TREMOLITE. - APPEARS TO BE A FAULT ZONE.	13918		151.47	151.52	0.05	33				
		★ HOLE ENDED @ 151.52 M DUE TO A SHORTAGE OF DRILL RODS, THEREFORE THE THICKNESS OF THE MINERALIZED ZONE IS UNDETERMINED.										

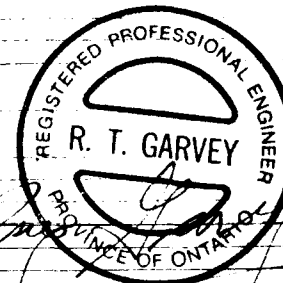
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
 NTS CODE 104 P6W HOLE NO. CL27

LATITUDE AZIMUTH 20° PURPOSE
 DEPARTURE DIP -46° STARTED JULY 31/93
 ELEVATION CORE BW COMPLETED AUG 9/93
 SECTION 14.7.75 W LOGGED BY R. GARVEY
 REF. GRID

SUMMARY

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
<u>0.0</u>	<u>3.0</u>	<u>OVERBURDEN</u>			
<u>3.0</u>	<u>91.3</u>	<u>ARGILLACEOUS SILTSTONE</u>			
<u>91.3</u>	<u>101.0</u>	<u>SILTSTONE</u>			
<u>101.0</u>	<u>107.0</u>	<u>DOLOMITIC LIMESTONE</u>			
<u>107.0</u>	<u>151.5</u>	<u>INTERBEDDED QUARTZITE & SILTSTONE.</u>			
	<u>E.O.H.</u>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL27 SHEET NO. 2 OF 6

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB AN	%	G/TON	G/TON
					FROM	TO	TOTAL				
0.0	3.0	OVERBURDEN.									
3.0	82.0	ARGILLACEOUS SILTSTONE. - MEDIUM TO DARK GREY, MODERATELY BANDED, AND HIGHLY CALCAREOUS. - BEDDING IS QUITE UNIFORM. < CA - 65° - SCATTERED THROUGHOUT, WITH A SPACING OF FROM 10 TO 50 CM, ARE NUMEROUS, NARROW CALCITE STRINGERS ALMOST ALWAYS CONFORMABLE TO BEDDING. - VERY FEW NARROW SECTIONS OF CONTORTED BANDING. - 30.1 - 30.9 - MIXTURE OF SILTSTONE AND CALCITE CLASTS IN A SOFT, MUDDY, CALCAREOUS FAULT GOUGE. - APPROX. 1% SULPHIDES AS FINE PYRITE GRAINS ALONG BOUNDARIES OF CALCITE STRINGERS. - 32.4 - 33.2 - (AS 30.1 - 30.9). - MINOR CHLORITIC ALTERATION THROUGHOUT. - 17.0 - 18.0 - ARGILLACEOUS SILTSTONE WITH TR PYRITE - 30.0 - 31.0 - FAULT ZONE. SILTSTONE CLASTS IN CALCITE MATRIX. APPROX. 2% PYRITE AS GRAINS & SEAMS - 45.0 - 46.0 - ARGILLACEOUS SILTSTONE WITH TR. PYRITE									
			13977		17.0	18.0	1.0	<5			
			13978		30.0	31.0	1.0	<5			
			13979		45.0	46.0	1.0	<5			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL27 SHEET NO. 3 OF 6

METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB RH	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		-56.4 - 57.0 - (AS 30.1 - 30.9)									
		-63.9 - 66.0 - SECTION OF ARGILLACEOUS SILTSTONE MUCH DARKER GREY (ALMOST BLACK) WITH FINE, WHITE CALCITE GRAINS SCATTERED THROUGHOUT. FEW SMALL SCALE FAULTS + MINOR CONTORTIONS OF BEDDING. - WHERE BEDDING UNDISTURBED < CA - 75°									
		-60.0 - 61.0 - ARGILLACEOUS SILTSTONE.	13980		60.0	61.0	1.0	9			
		- BY 80.0 m GRADES INTO A LESS COMPETENT UNIT & IS INTRUDED BY A SWARM OF HAIR-LIKE, PARALLEL CALCITE STRINGERS.									
		-80.0 - 81.0 (AS ABOVE) -----	13981		80.0	81.0	1.0	9			
82.0	91.3	ARGILLACEOUS SILTSTONE. - AS 3.0 - 82.0, BUT CONTAINS A SWARM OF VERY NARROW, CONFORMABLE CALCITE STRINGERS SPACED APPROX 5 TO 10 mm APART. - TR PYRITE AS FINE GRAINS. - 86.5 - 87.0 (AS 82.0 - 91.3) -----									
			13982		86.5	87.0	0.5	67			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL27 SHEET NO. 4 OF 6

FEET METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB RA	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
91.3	101.0	SILTSTONE. - UPPER CONTACT SHARP. - FINE GRAINED, MEDIUM GREY TO BUFF ALTERNATING BETWEEN FINELY LAMINATED BANDS AND UNIFORM FEATURLESS BANDS. - BANDING OFTEN WAVY AND CONTORTED. - IRREGULAR SHAPED MASSES, AND FINE QUARTZ-CARBONATE STRINGERS THROUGHOUT. - 1-2% PYRITE AS FINE DISSEMINATED GRAINS. - LOWER CONTACT SHARP. - 94.0 - 95.5 - SILTSTONE, WITH MINOR PYRITE	13983		94.0	85.5	1.5	22			
101.0	107.0	DOLOMITIC LIMESTONE - NEAR CONTACTS, UNIT IS LIGHT CREAMY YELLOW, FINE GRAINED AND FAINTLY MOTTLED. FEW MINOR NARROW, RANDOMLY ORIENTED DARK STREAKS. - CENTRAL PORTION IS MOTTLED, DARK GREY TO BLACK, COARSE GRAINED, WITH A FEW CALCITE STRINGERS. UP TO 3-4% MAGNETITE AS FINE GRAINS AND BLESS. - 104.0 - 106.0 - DARK MOTTLED DOLOMITIC LIMESTONE WITH MINOR MAGNETITE.	13984		104.0	106.0	2.0	12			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL27 SHEET NO. 5 OF 6

FOOTAGE METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	G/TON	G/TON
					FROM	TO	TOTAL				
107.0	151.5	<p>INTERBEDDED METASEDIMENTS.</p> <ul style="list-style-type: none"> - PREDOMINANTLY FINE GRAINED, MEDIUM TO BLuish GREY, FAINTLY BANDED QUARTZITE; INTERBEDDED WITH FINE GRAINED ARKOSE AND UP TO 30% FINELY LAMINATED (ON MM SCALE) LIGHT GREY TO BUFF COLOURED SILTSTONE. - BANDING IN SILICEOUS LAYERS VARIES IN THICKNESS UP TO 10 CM. - UNIT IS NON-CALCAREOUS. - WHERE UNDISTURBED, $\angle CA - 75^\circ$ - OCCASIONAL VAGUE CROSS-BEDDING EVIDENT. - NARROW SECTIONS OF CONTORTED BANDING IN SILTSTONE BEDS. - 107.5 - 107.8 - FAULT GOUGE IN SILTSTONE BAND. - 130.3 - 130.7 - BRECCIA ZONE. SMALL ROUNDED TO SUB-ROUNDED QUARTZITE FRAGMENTS IN FINE SILTSTONE MATRIX. - 137.8 - 138.2 - (AS 130.3 - 130.7). - SILICEOUS SECTIONS FREQUENTLY CONTAIN UP TO 5% SULPHIDES AS P_0 AND P_1 IN BLEBS AND FINE GRAINS. 									

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL27 SHEET NO. 6 OF 6

FOOTAGE METERS		DESCRIPTION	SAMPLE				PPB ASSAYS			
FROM	TO		NO	% SULPHIDES	FOOTAGE			%	GZ TON	GZ TON
					FROM	TO	TOTAL			
		- 145.5 - VERY NARROW (0.5 CM) FAULT SEAM WITH SMALL SCALE BRECCIA FRAGMENTS AND GRAPHITIC SEAMS.								
		- NUMBER AND THICKNESS OF SILTSTONE BANDS INCREASING WITH DEPTH. - BY 140 M APPROX 50% OF BULK COMPOSITION.								
		- 115.0 - 116.5 - MIXTURE OF QUARTZITE, ARGOSE AND SILTSTONE WITH UP TO 5% P ₆ & P ₄ AS BLEBS AND FINE GRAINS.	13985		115.0	116.5	1.5	22		
		- 128.0 - 129.5 - (AS 115.0 - 116.5) ———	13986		128.0	129.5	1.5	115		
		- 140.0 - 141.0 - (AS 115.0 - 116.5) ———	13987		140.0	141.0	1.0	54		
		- AT BOTTOM OF HOLE LCA-80°								

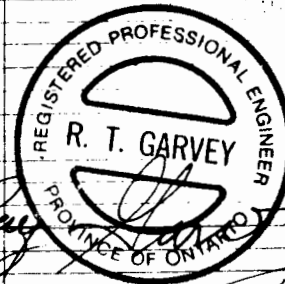
DIAMOND DRILL HOLE LOG

PROPERTY CAROL GROUP LOCATION GOOD HOPE LAKE, B.C.
NTS CODE 104 P6W HOLE NO. CL28

LATITUDE AZIMUTH 360° PURPOSE
DEPARTURE DIP -30° STARTED AUG 21/93
ELEVATION CORE BW COMPLETED AUG 29/93
SECTION 14 + 25 W LOGGED BY R. GARVEY
REF. GRID

SUMMARY

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
<u>0.0</u>	<u>2.7</u>	<u>OVERBURDEN</u>			
<u>2.7</u>	<u>41.4</u>	<u>QUARTZITE</u>			
<u>41.4</u>	<u>55.9</u>	<u>SILTSTONE WITH MINOR QUARTZITE</u>			
<u>55.9</u>	<u>60.3</u>	<u>DOLOMITIC LIMESTONE BRECCIA</u>			
<u>60.3</u>	<u>125.1</u>	<u>INTERBEDDED QUARTZITE + SILTSTONE.</u>			
	<u>E.O.H.</u>				



DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 28 SHEET NO. 2 OF 8

METERS		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			PPB	%	G/TON	G/TON
					FROM	TO	TOTAL				
0.0	2.7	OVERBURDEN.									
2.7	41.4	QUARTZITE. - VERY FINE GRAINED, FINELY AND VAGUELY BANDED, MEDIUM TO LIGHT GREY, AND WITH A SMALL COMPONENT OF FINE SILTSTONE BEDS. LCA - 55° - CEMENTING MATERIAL OF THE FINE GRAINED SEDIMENT, ALTERNATES FROM SILICEOUS TO CALCAREOUS REPEATEDLY. - A FEW NARROW CALCITE STRINGERS FOUND THROUGHOUT, GENERALLY CONFORMABLE TO BEDDING. - 13.8 - 14.4 - SECTION OF BUFF COLOURED, SLIGHTLY CONTORTED, SILTSTONE CONTAINING CALCITE VEINS UP TO 4 CM AND VERY MINOR PYRITE AS COARSE GRAINS, WITH MINOR TREMOLITE DEVELOPMENT IN SHEARS. - 18.5 - 19.0 - MODERATE SHEARING AND MORE INTENSE CARBONATE ALTERATION. - 22.4 - 22.9 - SHEARED AND BRECCIATED MIXTURE OF SILTSTONE AND FINE GRAINED QUARTZITE. UP TO 3% PYRITE AS FINE TO MEDIUM GRAINS. - 29.0 - 29.4 - MIXTURE OF SILTSTONE AND FINE GRAINED QUARTZITE WITH CONTORTED BANDING AND CALCITE VEINING. 3% PYRITE AS FINE GRAINS. - BY 41.0 m LCA - 60°									
			23624		22.4	22.9	0.5	6			
			23625		29.0	29.4	0.4	6			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL28 SHEET NO. 4 OF 8

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO	SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
55.9	60.3	<p>DOLOMITIC LIMESTONE BRECCIA.</p> <ul style="list-style-type: none"> - PREDOMINANTLY COARSE GRAINED, MEDIUM TO DARK GREY, MOTTLED, DOLOMITIC LIMESTONE BRECCIA. - FEW VERY THIN SEAMS OF DEFORMED SILTSTONE. - VERY MINOR PYRITE MINERALIZATION - LACKS MAGNETITE. - MINOR CHLORITE ALTERATION. <p>- 59.0 - 60.3 - MIXTURE.</p> <ul style="list-style-type: none"> - 59.45 - 59.55 - BLACK FRIABLE SHALE AND COARSE GRAINED MASSIVE TO SEMI-MASSIVE PYRITE. - 59.55 - 59.65 - FINE GRAINED, LIGHT GREY, DOLOMITIC LIMESTONE WITH FEW NARROW FRACTURES CONTAINING MINOR PYRITE AND TR. SPHALERITE. - 59.65 - 60.3 - FINE GRAINED, LIGHT GRAY TO WHITE, HOMOGENEOUS, DOLOMITIC LIMESTONE WITH TR PYRITE AS FINE EUBEDRAL GRAINS. 									
					23627	59.0	60.3	1.3	8		

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL28 SHEET NO. 5 OF 8

DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		PPB	%	OZ TON	OZ TON
				FROM	TO	TOTAL				
60.3	125.1	<p>INTERBEDDED METASEDIMENTS.</p> <ul style="list-style-type: none"> - MIXTURE OF FINE GRAINED QUARTZITE AND FINE BUFF COLOURED, FINELY BANDED, SILTSTONE. - QUARTZITE IS GENERALLY MEDIUM GREY, BUT OCCASIONALLY WITH A SLIGHT PINKISH HUE. USUALLY MASSIVE AND IN BEDS UP TO 10 CM THICK BETWEEN NARROW SILTSTONE INTERBEDS. - SILTSTONE INTERBEDS ARE THINNER, FINELY BANDED (mm SCALE) AND BUFF COLOURED. - CONTORTED BEDDING COMMON IN THE UPPER PORTION OF THE UNIT, BELOW 70.0 M BECOMES RELATIVELY UNDISTURBED. <p style="text-align: center;">∠ CA GENERALLY 50°</p> <ul style="list-style-type: none"> - OVERALL, SULPHIDES GENERALLY < 3%, BUT OCCASIONAL NARROW SECTION CONTAINS UP TO 10% Pb & Py WITH MINOR MAGNETITE. 					PPB			
	E.O.H.						AL			
		- 70.8 - 71.0 - MASSIVE Pb WITH MINOR Py AND TR CHALCOPYRITE.	23628	70.8	71.0	0.2	6			
		- 72.0 - 73.0 - NARROW FAULT SEAM SUB-PARALLEL TO DIRECTION OF DRILL HOLE CONTAINING 2-3 CM OF WHITE CALCITE. (MAY CAUSE PROBLEMS IN DRILLING DUE TO WEDGE-SHAPED ROCK FRAGMENTS CAVING INTO HOLE).	23629	72.0	73.0	1.0	30			

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL28 SHEET NO. 6 OF 8

METERS		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	SULPHIDES	FOOTAGE			PPB	%	OZ TON	OZ TON	
				FROM	TO	TOTAL						
		- 82.5-83.5 - INTERBEDDED QUARTZITE AND SILTSTONE, WITH MINOR (2-3%) PY + PO WITH TR MAGNETITE.	23630		82.5	83.5	1.0	24				
		- 88.5-89.5 - (AS 82.5-83.5) ———	23631		88.5	89.5	1.0	8				
		- 96.0-97.0 - (AS 82.5-83.5) ———	23632		96.0	97.0	1.0	7				
		- 101.0-102.0 - (AS 82.5-83.5) ———	23633		101.0	102.0	1.0	6				
		- @ 100.0 m LCA - 55°										
		- 105.2 - 115.4 - INTENSELY DEFORMED ZONE WITH 3 INTERSECTIONS OF A FAULT ZONE SUB-PARALLEL TO DRILL HOLE DIRECTION. (5° TO 15° TO CA).										
		- FAULT AVERAGES 3 CM WIDE AND CONTAINS FAULT GOUGE CONSISTING OF SMALL, SUB-ANGULAR, TO SUB-ROUNDED, QUARTZITE AND SILTSTONE FRAGMENTS IN A SOFT CALCITE CEMENT.										
		- MAY BE 3 SEPARATE PARALLEL FAULTS, OR A SINGLE FAULT BEING RE-INTERSECTED BECAUSE OF FLEXURES IN THE PLANE OF THE FAULT. - FRACTURED, AND BLOCKY MATERIAL MAY CAUSE PROBLEMS WITH DRILLING.										
		(CONT)										

L-20-100 (REV. 1-68) - 306-1166

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 28 SHEET NO. 7 OF 8

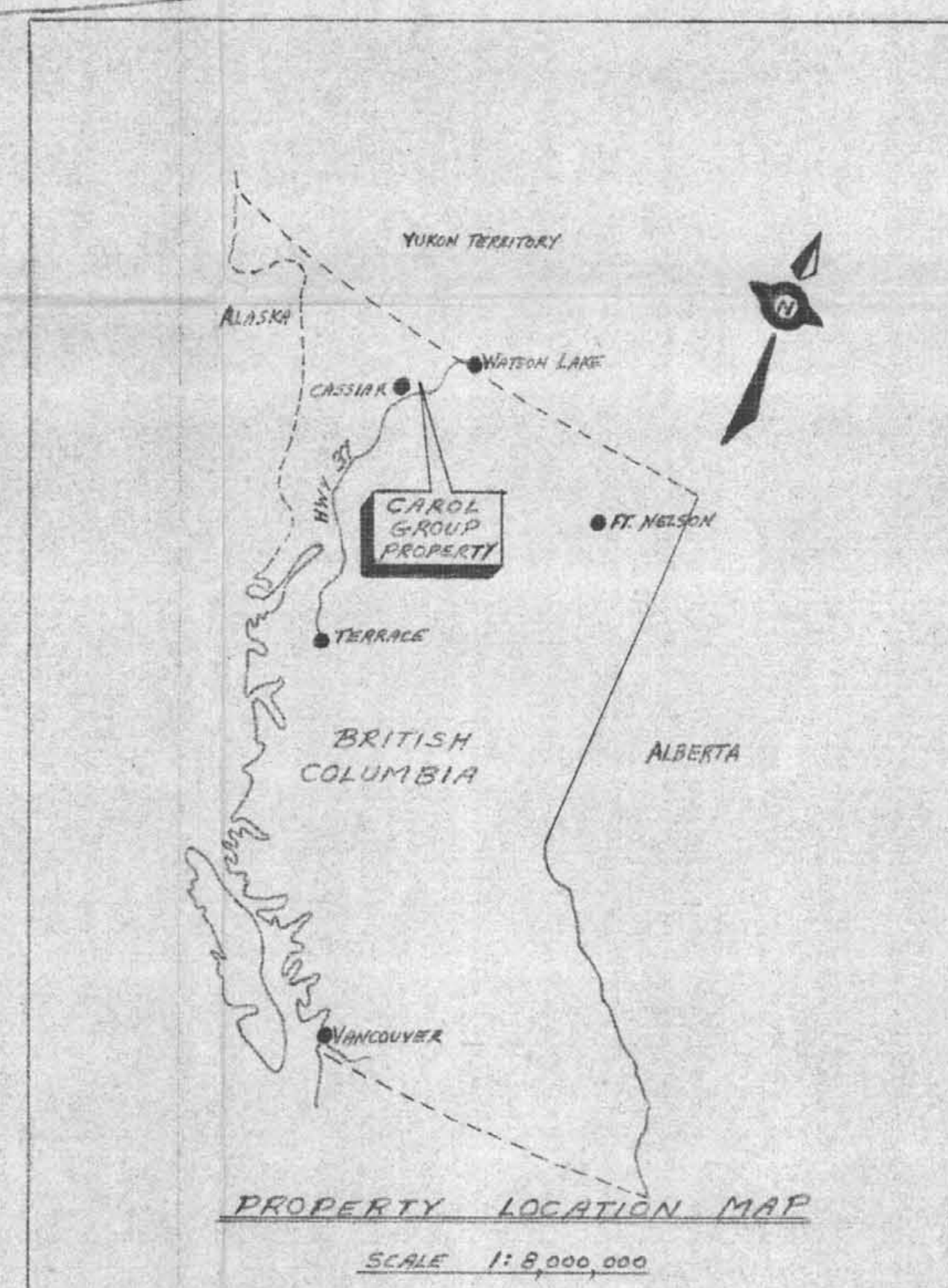
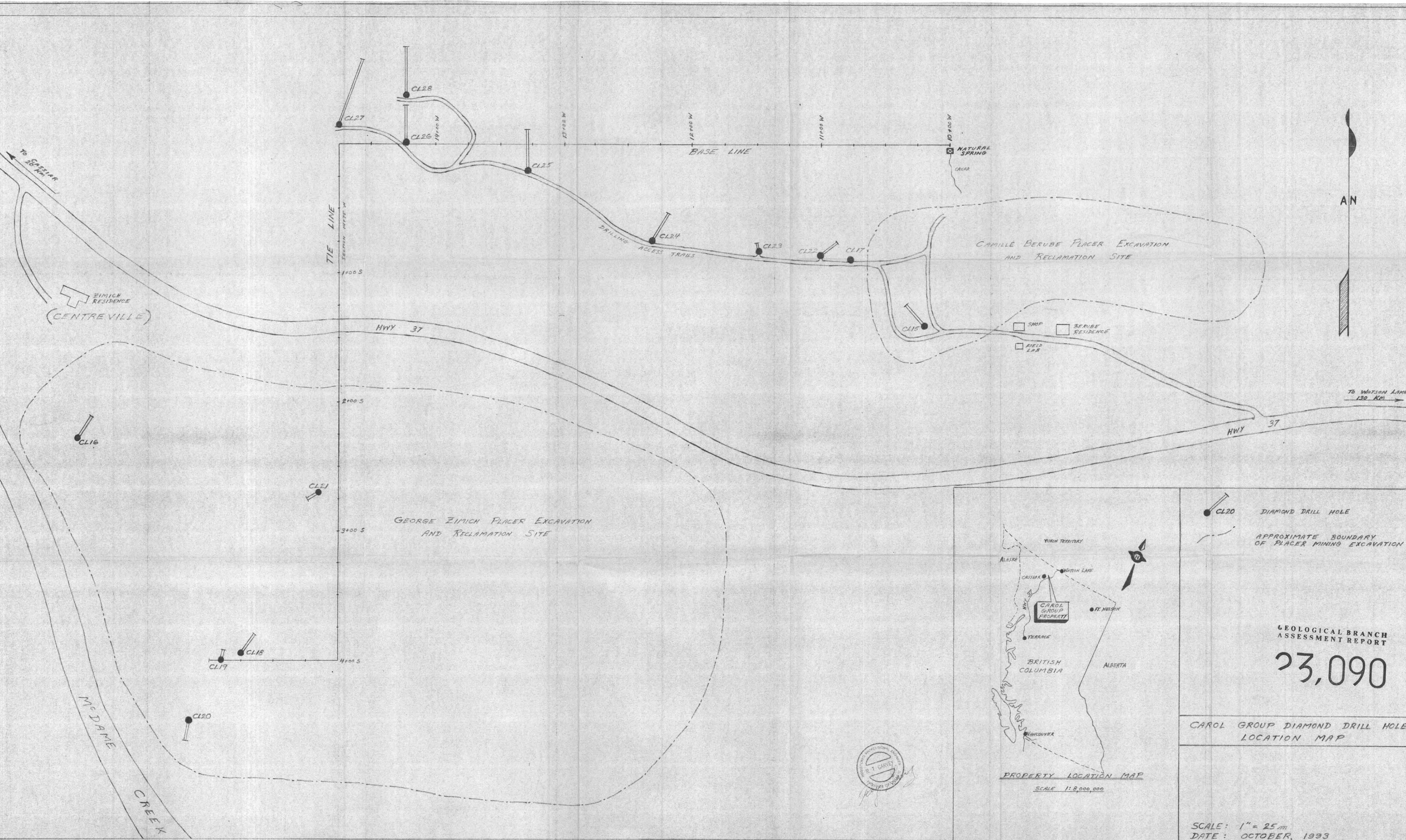
DEPTH METERS		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		PPB	%	OZ TON	OZ TON
					FROM	TO	TOTAL			
		- BETWEEN THE FAULTS THE ROCK IS A SHEARED AND BRECCIATED MIXTURE OF QUARTZITE AND SILTSTONE RANGING FROM SMALL SCALE DISPLACEMENTS TO A SHEARED-OUT BRECCIA WITH UNRECOGNIZABLE BEDDING. - ON EITHER SIDE OF THE MAIN DEFORMATION ZONE CONTAINING THE THREE INTERSECTIONS, IS A ZONE OF LESS INTENSE DEFORMATION CONSISTING OF MODERATE SHEARING AND MANY SMALL SCALE FAULTS (0.5 - 1.0 CM). - MINOR TREMOLITE, ACTINOLITE DEVELOPMENT ON SHEAR PLANES. (102.3 - 105.2) (115.4 - 117.9)								
		- 109.0 - 110.0 - MODERATELY SHEARED QUARTZITE AND SILTSTONE WITH MINOR SMALL SCALE FAULTING.	23634		109.0	110.0	1.0	7		
		- 105.5 - 106.0 - FAULT GOUGE WITH MINOR PYRITE	23635		105.5	106.0	0.5	7		

(CONT)

DIAMOND DRILL RECORD

NAME OF PROPERTY CAROL GROUP
 HOLE NO. CL 28 SHEET NO. 8 of 8

DEPTH METERS		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO	SULPHIDES	FOOTAGE			PPB Au	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		<p>- BELOW THE DEFORMATION ZONE, THE UNIT REMAINS A MIXTURE OF QUARTZITE AND SILTSTONE; HOWEVER THE SILTSTONE BANDS NOW PREDOMINATE.</p> <p>LCA GENERALLY 45°</p> <p>- APPROX 15-20% NARROW QUARTZITE SEAMS.</p> <p>- 122.0 - 123.0 - FINELY BANDED SILTSTONE WITH MINOR QUARTZITE BANDS AND UP TO 2-3% P₀ + P₁ AND T₂ MAGNETITE IN VERY FINE, RANDOMLY ORIENTED FRACTURES.</p>	23636		122.0	123.0	1.0	6			
		<p><u>* NOTE</u> - THIS HOLE WAS DISCONTINUED PREMATURELY DUE TO DIFFICULTY IN PULLING THE RODS FROM THE HOLE AND THEREFORE THE POSSIBILITY OF HAVING THE STRING OF RODS PERMANENTLY STUCK. THIS IS LIKELY THE RESULT OF THE UNSTABLE GROUND CONDITIONS IN THE DEFORMATION ZONE (105.2 - 115.4 m). - THE HOLE SHOULD BE CEMENTED FROM 100 m TO 125 m AND RE-DRILLED IN AN ATTEMPT TO INTERSECT THE MINERALIZED ZONE CUT BY HOLE CL26.</p>									



- DIAMOND DRILL HOLE
- APPROXIMATE BOUNDARY OF PLACER MINING EXCAVATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,090

CAROL GROUP DIAMOND DRILL HOLE
LOCATION MAP



SCALE: 1" = 25 m
DATE: OCTOBER, 1993
DRAWN BY: R. GARVEY