

1993 DIAMOND DRILLING REPORT

ON THE

CARLOS GOLD PROJECT

Grew Creek Area

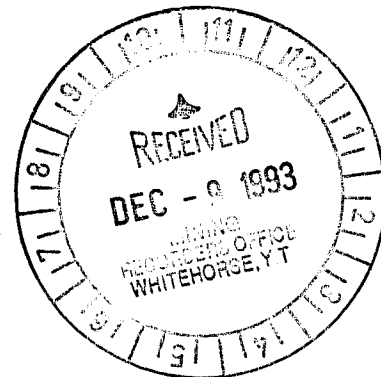
Whitehorse Mining District

Yukon Territory

NTS: 105 F/15, K/2-3
Latitude 62°03' N, Longitude 132°50' W

for

YGC Resources Ltd.



Owner of Claims: A. Carlos

By: Robert W. Stroshein
Archer, Cathro and Associates (1981) Limited

November 2, 1993

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1. INTRODUCTION

The Carlos Gold Project consists of 425 quartz claims in the Whitehorse Mining District. The property lies along the Robert Campbell Highway for a distance of 42 kilometres. The claims run from the border of the mining district at the South Canol Road northwesterly to within 10 kilometres of the town of Faro, Yukon Territory (Figure 1, Location Map).

The Carlos Gold Project is being explored by YGC Resources Ltd. under the terms of an option agreement with Mr. A. Carlos, the registered owner of the claims. The option agreement, signed in February 1993 allows YGC Resources Ltd. to earn a 100 % interest in the property by making certain payments and incurring exploration expenditures prior to December 1995.

Previous exploration programs conducted on the property since 1984 indicated a number of areas of potential economic interest. Specific targets in the Grew Creek area have been explored in detail with ground geophysical, geochemical and mapping surveys as well as caterpillar trenching and diamond drilling. Other areas on the property were identified by prospecting or from a 1987 airborne geophysical survey conducted by Aerodat Limited for Prime Resources Ltd.

Diamond drilling is the preferred exploration method to test various defined targets and to provide the optimum geological information. Accordingly, a program of diamond drilling was undertaken between June 27 and August 26, 1993. The drill program totalled 17 drill holes (1944 metres).

2. SUMMARY

The Carlos Gold Project is located in Whitehorse Mining District along the Robert Campbell Highway between Ross River and Faro, Yukon Territory. The claims are centered on Grew Creek, located 35 kilometres by road northwest of Ross River.

The property is underlain by Eocene volcanic and sedimentary rocks which are preserved in a graben defined by the Grew Creek and Danger Creek Faults of the Tintina Fault system. The volcanic rocks are bimodal and related to pull-apart basins controlled by north-south trending extensional faults which intersect the northwesterly trending Tintina Fault System. Flow rhyolite forms domes which outcrop along a ridge from the Lapie River to Grew Creek and near Kilometre 410. The Grew Creek dome is flanked by rhyolite ignimbrite and basaltic volcanic rocks to the west. The volcanic rocks are in fault contact with Eocene sedimentary rocks to the north.

Epithermal gold-silver mineralization at Grew Creek is accompanied by hydrothermal alteration. The mineralization is of the low sulphur quartz-adularia type. The Main Zone mineralization is comprised of micron sized gold-silver in a vein stockwork in an area 20 to 30 metres wide by 350 metres long that is hosted by altered rhyolite tuffs. Anomalous gold values have been detected at the Tarn Zone and in an area near Kilometre 410 on the Robert Campbell Highway.

Figure 1.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

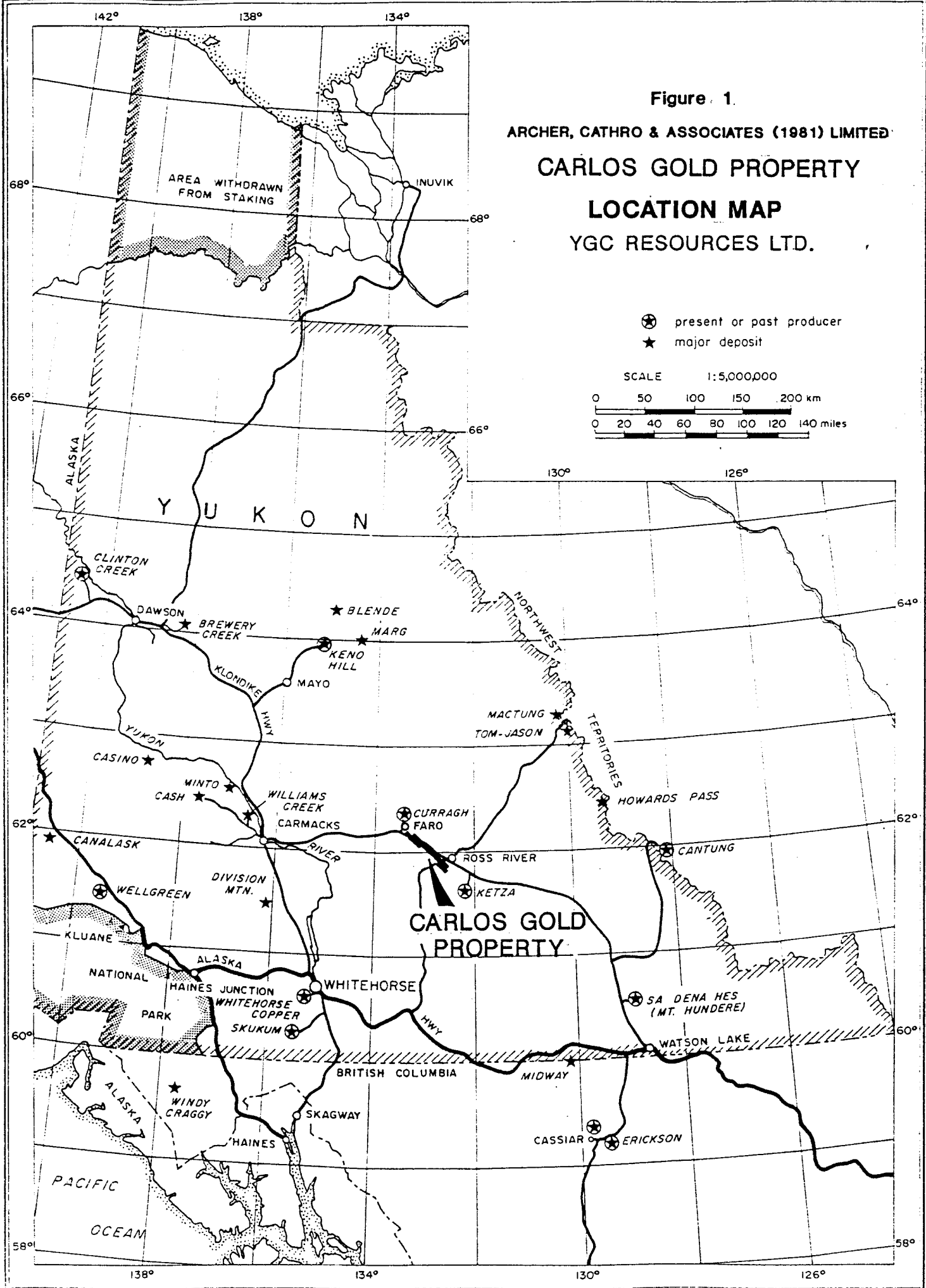
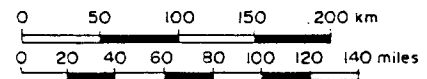
CARLOS GOLD PROPERTY

LOCATION MAP

YGC RESOURCES LTD.

- ⊗ present or past producer
- ★ major deposit

SCALE 1:5,000,000



Diamond drill targets were selected on the basis of the extrapolated geological setting and the geophysical and geochemical similarities to the main zone. Preliminary surveys including linecutting, soil sampling and/or VLF-EM were conducted to better define the potential drill target locations.

The results of the drilling indicated anomalous gold values (150 ppb) in the two drill holes in the Kilometre 410 target area. Drill holes between the Main and Tarn zones in the Grew Creek area intersected anomalous arsenic values, intense sericite alteration and rare quartz veining.

The drilling indicates progressively deepening overburden (till) depths when moving from the northwestern end of the property towards the Lapie River area. Drill holes 148 and 149 in the southeastern portion of the property encountered difficult conditions and did not penetrate bedrock below the glacial till and outwash gravel deposits.

3. RECOMMENDATIONS

Diamond drilling is recommended to test the economic potential and extent of the gold mineralization in the Kilometre 410 area. Drill holes are required to test the anomalous zone at depths below the 50 metre level and along the trend to the northwest.

The gold bearing stringers and silicified sedimentary rocks at the eastern end of the Main Grew Creek grid (Noranda 1987, Section 14+500 E) have not been tested to date. Planned drilling of this target was not completed when expenditures exceeded the proposed budget because of higher than expected drilling costs.

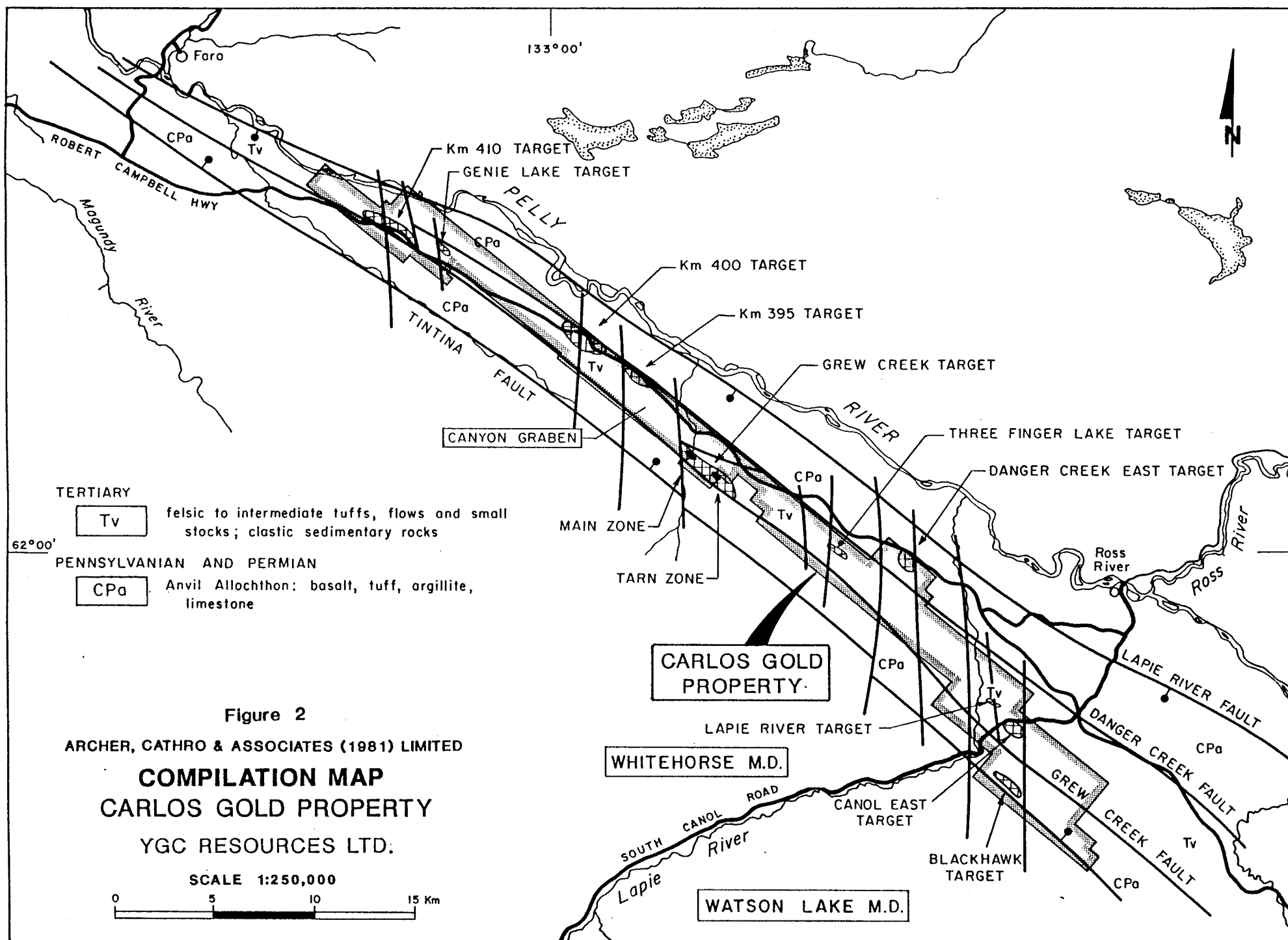
Diamond drilling is recommended to follow up anomalous indicator elements (arsenic) and alteration systems along the eastern projection of the stratigraphic trend of the Main Zone east of Grew Creek in the area of the Tarn zone.

Reverse circulation drilling or a combination of reverse circulation and diamond drilling is required on the Lapie River Grid to test bedrock geophysical anomalies below the deep overburden cover. The overburden in the area is made up of glacial till and gravel outwash deposits which are not amenable to geochemical sampling. It is recommended that steep angled drill holes be used to reduce the effective depth of overburden and to improve drill progress.

4. PROJECT DEFINITION

4.1 LOCATION, ACCESS AND TOPOGRAPHY

The Carlos Gold Project located in the Whitehorse Mining District forms a 42 kilometre long linear belt of claims along the Robert Campbell Highway between the South Canol Road and approximately



Kilometre 414 of the highway. The Main Zone is located 500 metres west of Grew Creek and 2 kilometres south of the highway. The claims are located on NTS map sheets 105 F/15, K/2&3 (Figure 2, Compilation Map).

The claims are readily accessible from the highway by a network of roads and trails which are serviceable by two wheel and/or four wheel drive vehicles.

The property is located within the Tintina Trench, a major physiographic trough trending northwest along the Pelly River valley. The topographic relief is moderate, ranging between 700 and 1000 metres. The property is transected by a number of northerly draining creeks and streams which rise in the Pelly mountains and flow into the Pelly River.

4.2 PERSONNEL

Diamond drill contracting services and personnel were supplied by E. Caron Diamond Drilling Ltd. of Whitehorse, Yukon Territory.

Amerok Geophysics Ltd. supplied the Omni Plus Geophysical survey instrument and operator.

Geological services were supplied by Archer, Cathro and Associates Ltd. (1981). The personnel carrying out exploration on the project were:

Rob Carne	Project Supervision	
Robert Stroshein	Project Geologist	June 11 - Aug. 17 Aug. 25 - Aug. 29
Jason Webber	Field Geologist	June 11 - July 3 July 25 - Aug. 5 Aug. 10 - Aug. 25
Greg Duso	Field Geologist	June 12 - June 28
Jason Owerko	Field Assistant	July 3 - Aug. 29
Al Carlos	VLF Operator	Aug. 13 - Aug. 16

4.3 MINERAL CLAIMS

The property is composed of 425 quartz claims in the Whitehorse Mining District. As a result of the present expenditures the claims have been common dated to March 6 or 9 with the earliest expiry anniversary of 1996 (Figure 3, Claim Map).

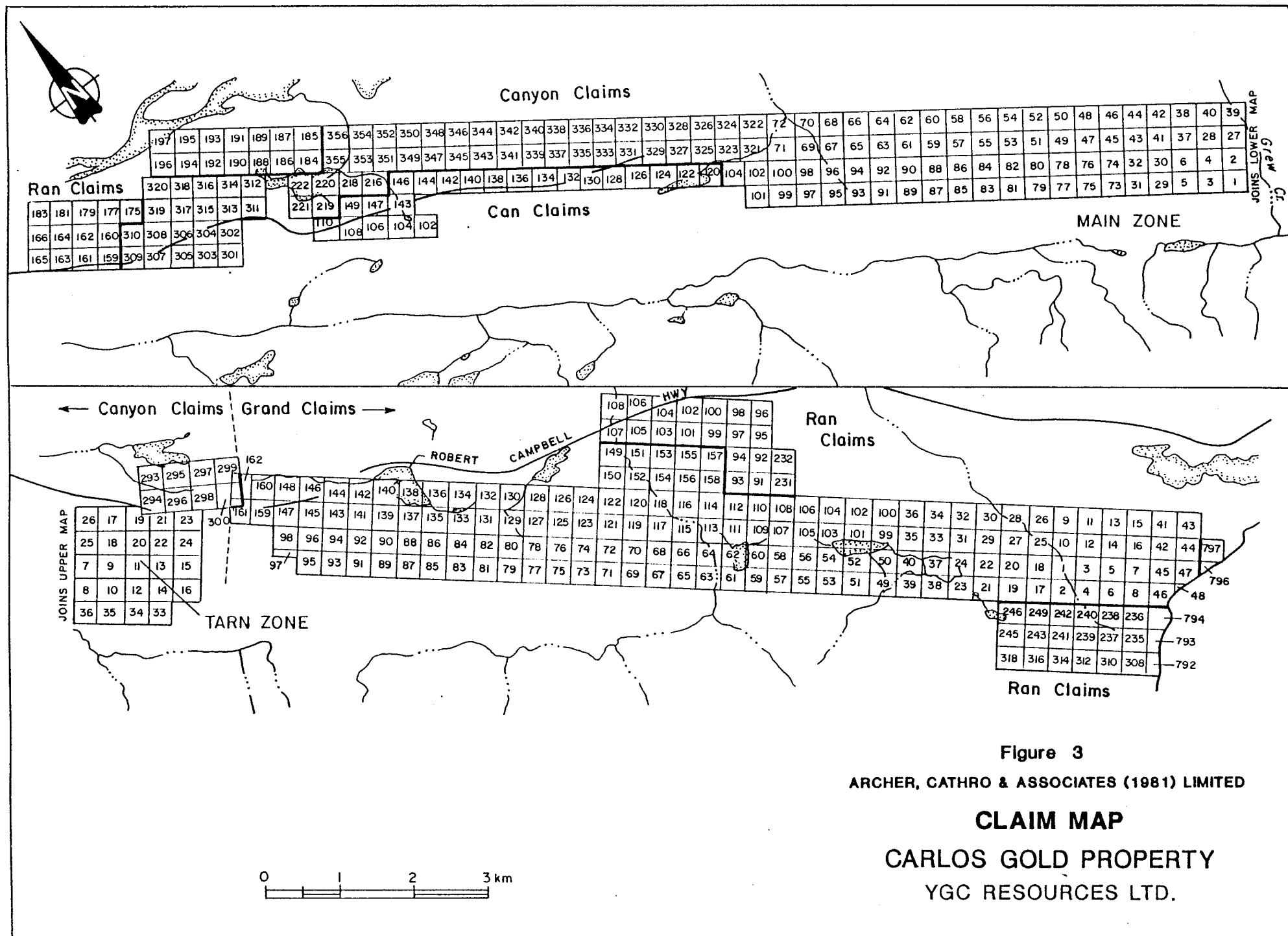
The claims are registered to Al Carlos of Whitehorse, Yukon Territory. YGC Resources Ltd. has entered an option agreement to earn a 100 % interest in the property from Carlos by making scheduled payments and making certain expenditures by December 31, 1995.

Table I lists the claims for the Carlos Gold Project in the Whitehorse Mining District.

Table I List of Claims, Carlos Gold Project,
Whitehorse Mining district.

Claim Name	Grant Number
Canyon 321-356	YA92106-141
312, 314, 316	YA85417, YA85419, YA85421
318, 320	YA85423, YA85425
302, 304	YA85407, YA85409
305-311	YA85410-416
219, 221, 313	YA81338, YA81340, YA85418
315, 317, 319	YA85420, YA85422, YA85424
216, 218	YA81335, YA81337
220, 222	YA81339, YA81341
51-58, 66-72, 79-96	YA81170-177, 185-191, 198-215
59-65	YA81178-184
293-300	YA85398-405
73-78	YA81192-197
17-26	YA75733-742
1-16, 27-32, 33-40	YA75717-732, 743-748, 753-760
41-50	YA81160-169
98, 100	YA81217, YA81219
102, 104	YA81221, YA81223
301, 303	YA85406, YA85408
Grand 61, 63-82, 111-132	YA85296, 298-317, 346-367
149-158	YA85384-393
49-60, 62, 99-110	YA85284-295, 297, 334-345
1-48, 83-87	YA81848-895, 318-322
133-136, 138	YA81368-371, 373
88-98, 137	YA85323-333, 372
139-148, 159-162	YA85374-383, 394-397
Ran 159-166, 175	YB09130-137, 146
177, 179, 181	YB09148, 150, 152
91-108, 183-197	YB09068-085, 154-168
231-232	YB09201-202
792-794, 796-797	YB12154-156, 157-158
308, 310, 312	YB09274, 276, 278
314, 316, 318	YB09280, 282, 284
235-246	YB09203-214
Can 118, 120, 122	YB07995, 997, 999
124, 126, 128	YB08001, 003, 005
130, 132, 134	YB08007, 009, 011
136, 138, 140	YB08013, 015, 017
142, 144, 146	YB08019, 021, 023
102, 104, 106	YB07981, 983, 985
108, 110	YB07987, 989
145, 147, 149	YB08022, 024, 026

Total claims: 425



4.4 EXPLORATION HISTORY

First reported staking in the Grew Creek area was in 1967 during the Anvil staking rush. Gaylord Mining Ltd. conducted geophysical surveys and completed three diamond drill holes (354 metres) in 1968 testing for potential stratabound lead-zinc mineralization.

Mr. Carlos discovered gold mineralization in outcrop while prospecting in the Grew Creek area in 1983. Small scale placer gold mining was being carried out in the creek at the time. Carlos staked the Canyon 1-40 claims in June 1983. The discovery outcrop was trenched to reveal strongly silicified and veined rhyolite on a resistant knoll which subsequent exploration showed was on the western end of the Main Zone.

Hudson Bay Exploration and Development Company, Limited (HBED) optioned the property in November, 1983 and added the Canyon claims in January and Grand claims in September 1984. HBED carried out ground geophysical, geochemical surveys, trenching, diamond drilling (13 holes: 1732 m) and reverse circulation drilling (19 holes: 1660 m) in 1984-85. HBED carried reconnaissance type exploration along the length of the property and identified a number of areas for detail investigations. This activity included linecutting followed by geophysical and geochemical surveys in 1986. HBED returned the property to Carlos in 1987.

Noranda Exploration Company Ltd. optioned the property in 1987 and formed an exploration Joint Venture (JV) with Goldnev Resources Inc. (formerly Golden Nevada Resources Inc.), Brenda Mines Ltd. and Hemlo Gold Mines Ltd. to develop the property. The JV expanded the property by adding the Can and Ran claims surrounding the original claims. The JV carried out extensive diamond drilling on the Main Zone (67 holes: 16 180 m) and in the Tarn Zone area (10 holes: 3 045 m) in 1987-88. Reverse circulation drilling (13 holes: 1 669 m) in 1988 was directed at testing various geophysical targets between the Main Zone and the Tarn Zone areas. Exploration along the trend of the Tintina Fault System by the JV included a 4 900 line kilometre airborne survey with a 100 m line spacing. The survey reported electromagnetic, total field magnetic, vertical magnetic gradient, apparent resistivity and VLF-EM results. The JV collected approximately 5 000 till and humus samples along lines at 1 km spacing along the structural trend on the Carlos Gold Property and adjoining claims.

Goldnev Resources Ltd. acquired a 100 % working interest in the JV and carried out diamond drilling (10 holes: 1 158 m) on the central portion of the Main Zone in 1989. Goldnev carried out backhoe trenching on four targets outside the main zone which had been identified in 1986. Goldnev returned the property to Carlos in 1991.

Wheaton River Minerals Limited optioned the Main Zone area claims and carried out a preliminary evaluation of the economical potential of mining the deposit before relinquishing the option in 1992.

Carlos conducted linecutting, VLF-EM and test pitting in the Kilometre 410 area in 1992.

YGC Resources Ltd. acquired an option to earn a 100 % interest in the property in February, 1992.

5. ECONOMIC ASSESSMENT

Gold-silver mineralization at Grew Creek has been classified as an epithermal "Hot Spring" quartz-adularia vein stockwork deposit of the low sulphur type. The Main Zone mineralization is comprised of micron sized gold-silver irregularly distributed in a quartz-adularia-carbonate stringer stockwork and disseminated in silicified crystal lithic rhyolite tuff.

The Main Zone deposit is hosted by felsic pyroclastic tuff rocks localized at the intersection of northwest-southeast trending faults and north-south trending extensional faults. The deposit is preserved within the Canyon Graben, bounded by two northwest-southeast trending faults which partially define the Tintina Trench in the Grew Creek area. The Carlos Gold project covers a 42 km strike length of the Canyon Graben in the Whitehorse Mining district.

The previous exploration has outlined a geological reserve of 773,100 tonnes grading 8.8 g/t gold and 33.4 g/t silver in the Main Zone (Orcan Mineral Associates Ltd). Preliminary evaluations (1989 and 1992) suggest that there is potential to develop a small scale operation which can profitably exploit the near surface high grade reserves.

6. REGIONAL GEOLOGICAL SETTING

The Carlos Gold Project overlies an Eocene volcanic assemblage and sedimentary rocks preserved in a graben in the Tintina Trench. The Tintina Trench is a prominent linear physiographic depression which reflects a series of strike-slip faults which form the Tintina Fault system. Dextral displacement of rock units either side of the fault zone indicates transcurrent movement of approximately 450 km, beginning in Early Triassic time continuing through the Cretaceous Period and ending in the Tertiary age. In the area, Paleozoic rocks of the Pelly Cassiar Platform southwest of the Tintina Fault are juxtaposed against rocks of the Anvil Allocthon to the northeast. Normal faulting along the pre-existing faults during the Pliocene age resulted in the formation of the trench and the preservation of the Eocene volcanic, volcanoclastic and fluvial clastic rocks within the graben (Figure 2, Compilation Map).

7. GEOLOGY OF THE CARLOS GOLD PROPERTY

The Tintina Fault system in the project area includes four major faults which have been named, from the south to north: Buttle Creek, Grew Creek, Danger Creek and Lapie River faults. The Canyon Graben hosts the mineralized

gold occurrences on the property and is bounded by the Grew Creek Fault on the southwest and the Danger Creek Fault on the northeast. The Canyon Graben is approximately 1.5 km wide and includes bimodal volcanic and fluvial clastic sedimentary rocks. Paleozoic metamorphosed chert, phyllite and basalt outcrop southwest of the Grew Creek fault while northeast of the Danger Creek fault Permian massive metabasalt and limestone form locally prominent resistant cliffs.

The bimodal (rhyolite and basalt) volcanic rocks within the Canyon Graben are localized by north-south trending extensional faults and they have been deposited in the resulting pull apart basins. Porphyritic rhyolite domes have been mapped over a 3 kilometre trend east of Kilometre 410 and scattered discontinuous outcrops from the Rat Creek area within the Canyon Graben, 18 kilometres to the Lapie River. The basalt occurs as subaqueous and subaerial flows and pyroclastic deposits interpreted as a stratovolcano. The strato-volcano is nestled along the north side of the Grew Creek fault for seven kilometres from the Grew Creek area to Kilometre 400. A succession of felsic pyroclastic rocks outcrops along Rat and Grew Creeks between the rhyolite flow dome and the basalt stratovolcano.

Fluvial sedimentary rocks are in fault contact or overlies the volcanic units within the Canyon Graben.

7.1 LITHOLOGIC DESCRIPTIONS

7.1.1 Rhyolite and Felsic Porphyries

Massive to flow banded light grey or grey green to creamy white "quartz eye" porphyritic rhyolite forms resistant outcrops near Kilometre 410 and southeast of the Tarn Zone. Grey smokey "quartz eye" and euhedral feldspar phenocrysts occur in a fine grained siliceous groundmass. Quartz-feldspar or quartz porphyry is similar to the rhyolite porphyry but with larger and more prominent phenocrysts especially smokey "quartz eyes" in the quartz porphyry.

7.1.2 Rhyolite Pyroclastic Rocks

Rhyolite tuffs were only encountered in the Grew - Rat Creeks area, north and southeast of the Main Zone. Two types of tuff are readily recognized (Christie, et.al.) based on grain size and composition. Within the pumice rich type, proximal to distal facies have been recognized. The distal facies tuff occurs in proximity to the rhyolite flow dome in the southeastern portion of the pyroclastic deposits near Rat Creek.

1. S&P (salt and pepper) tuff: the S&P tuff comprises non welded crystal lithic ash tuff with a granular texture which has a salt and pepper appearance. Christie, et.al. recognized six separate units which were internally homogeneous but overall had an upward fining succession. Typically lithics and crystals range from 1 mm to 3 mm in size. Lithics are mostly fragments of rhyolite

porphyry and rhyolite tuff with less shale, mafic volcanic or phyllite fragments. Crystal fragments are mainly quartz.

2. CLP (crystal lithic pumice) tuff: CLP tuff can be sub-divided into a coarse lapilli rich tuff with dominant pumice fragments of proximal facies and coarse ash or lapilli-ash tuff with a less prominent fragment component of more distal facies. Lithic and lapilli are made up of fragments of rhyolite porphyry, quartz-feldspar porphyry, pumice, basalt and shale. The CLP tuff is locally variable throughout the area of the pyroclastic rocks both laterally and within the stratigraphic succession.

Pseudo-porphyry units are believed to be welded CLP lapilli tuff (originally basal pyroclastic deposits) which has been melted and remobilized. These beds are locally maroon coloured hematized tuff. They have been termed "aquicludes" by Christie, et.al. who feel they restricted the flow of hydrothermal fluids, thereby controlling distribution of mineralized zones.

7.1.3 Fluvial Sedimentary Rocks

Fluvial sedimentary rocks are of two separate ages which are based on the degree of consolidation and lithification of the rocks. The strongly lithified quartz pebble conglomerate was intersected by drilling in the western portion of the property. This unit outcrops north of the highway at Grew Creek along the scarp related to the Danger Creek fault. The youngest sedimentary rocks are only moderately consolidated and lithified sandstone and conglomerate which outcrop within the Canyon Graben from Kilometre 400 to Grew-Rat Creeks and the Lapie River areas.

The older clastic rocks are predominantly massive quartz pebble conglomerate with gradational coarse quartzose sandstone and rare black carbonaceous siltstone beds. The conglomerate is clast supported with rounded to sub-angular clasts of quartz, sandstone and siltstone with rare volcanic clasts in a coarse grained matrix. Sandstone and siltstone beds are generally narrow, less than 1-2 metres thick.

The younger fluvial sedimentary rock units range from conglomerate to claystone. Conglomerates are clast supported, polymictic, and moderately to poorly sorted. Clast are composed of quartz, volcanic rocks, chert, charcoal, and schist lithologies. In the Main Zone area the fluvial sedimentary deposits exhibit at least six fining upward cycles from conglomerate, through pebbly sandstone, sandstone, siltstone and claystone to coal beds. Average bed thickness is 1.5 metres but locally vary up to a maximum of 8 or 10 metres thickness.

7.1.4 Basaltic Flows, Tuffs and Dykes

Pyroclastic and epiclastic basaltic rocks are made of sequences of ash tuff, lapilli tuff and breccias. The assemblage of basaltic to intermediate eruptive volcanic rocks outcrop west of the Main Zone. The assemblage is exposed in a hilly area for 3 kilometres to the west and can be traced by interpreting the airborne magnetic survey to extend to the Kilometre 400 area. Basaltic to intermediate volcanoclastic and breccias were intersected in drill holes 139, 140 and 141. The volcanoclastics are typically dark green to black tuffs with lapilli sized fragments in a fine grained ash to vitric matrix. The basaltic pyroclastic rocks are contemporaneous with the rhyolite rocks in the region.

Dark green olivine basalt dykes and flow rocks intrude all rock units on the property. The dykes are mildly magnetic and have been intersected or observed in outcrop at all areas of the property. The dykes are generally coarse grained, massive or brecciated. The dykes along Grew Creek apparently breached the paleo-surface and extruded lapilli tuff within the fluvial sedimentary sequence. The intrusion of the basalt is possibly related to the gold mineralizing event. The basalts have not been altered as are the sediments, rhyolite porphyry, mafic volcanoclastics or the rhyolite tuff.

7.1.5 Diabase/Gabbroic Dykes

Medium to coarse grained equigranular mafic dykes outcrop in Grew Creek and were intersected in drill holes in the Grew Creek area. These diabase/gabbroic dykes are strongly albitized, carbonatized and intensively veined. The narrow stringer stockwork is composed of calcite and quartz-carbonate veining.

7.2 STRUCTURAL GEOLOGY

The Tintina Fault System is dominant in the area. The northwest-southeast trending compressional faults initiated the structures during Late Cretaceous time and produced the dextral motion along the fault system. Extensional faulting and uplift produced development of sub-basins with accompanying bi-modal volcanism during the Eocene period. The intersection of the two prominent structures appears to have localized the mineralization of the Main Zone at Grew Creek. The northwest trending compressional faults are deep crustal fractures which were opened up providing conduits during the extensional fault regime.

Post mineral faulting has disrupted the Main Zone mineralization. The post mineral faulting appears to mimic the extensional faulting on a smaller scale with relatively small vertical and lateral offsets between blocks formed by a conjugate set of faulting. The northwest trending

faults may have been reactivated after the gold deposition, resulting in disruption of the mineralization.

The northwest trending fault structures which include the graben bounding Grew Creek and Danger Creek Faults are readily traced by topographical expressions and from the airborne geophysical plots. North-south trending extensional faults are interpreted from air photographs, topographical features and offsets noted on the geophysical plots. East-west trending faults appear to be the favoured locus of the magnetic basalt dykes and therefore can be traced on the geophysical plots as well. In areas of limited or non-existent geological information the geophysical surveys provide very useful structural information to extrapolate the known geology.

7.3 HYDROTHERMAL ALTERATION

Christie, et.al. document seven types of alteration in the Main Zone area. The quartz-adularia veining and associated silicification is the important indicator of economic mineralization. Broader zones of sericitic/phyllitic and carbonate/propylitic alteration outline the Main Zone mineralization and surrounding rocks. Pervasive carbonate and sericite alteration is accompanied by disseminated pyrite. Intermediate and advanced argillic/acid sulphate alteration has produced prominent clay rich colour anomalies in the rocks exposed in surface trenches at the Main Zone and Kilometre 410. Surface weathering yields a supergene "argillic" type alteration in the phyllitic and propylitic zones. This weathering is noteworthy in outcrops along Grew Creek and in drill holes on the banks above the creek or adjacent to fault zones.

7.4 MINERALIZATION

The gold and silver mineralization of the Main Zone deposit occurs in stockwork quartz veins and hydrothermal breccias. The veins are generally narrow and less than 10 cm wide with rare drill intersections suggesting widths of greater than 0.5 metres. Veins and stringers are typically finely banded or brecciated and recemented. Hydrothermal breccia zones have a major clay component which inhibits core recovery and are therefore largely interpreted from the extent of vein fragments recovered in clay rich seams over intervals commonly greater than 1 metre. The gold-silver occurs primarily as electrum and acanthite grains which average 7.5 microns in diameter.

The Main Zone deposit is approximately 20 to 30 metres wide, up to 125 metres deep and extends for a 350 metre strike length dipping steeply north. The deposit appears to be zoned laterally rather than vertically as in typical epithermal models. The western end of the deposit is distal (near surface) to the rhyolite flow dome east of Rat Creek. The trend of the mineralization is from a shallow near surface style at the west end of the deposit through a zone of discontinuous veins of moderate gold grades with high silver to gold ratio in the

central area to high grade coarser veins with lower relative silver to gold ratios at the eastern end of the deposit.

8.0 1993 EXPLORATION PROGRAM

Diamond drilling was proposed to test exploration targets along the Tintina Fault Zone since the economics of the Carlos Gold Project will be greatly enhanced with the development of additional gold bearing zones. The classification of the Main Zone mineralization as occurring within an epithermal system is favourable for discovery of potential related deposits and exploration was directed at areas of favourable structural setting (the junctions of northwest and northerly trending faults, especially those with accompanying geochemical anomalies.

Targets along the Tintina Fault Zone have been identified from earlier exploration programs. Several targets on the Kilometre 410, Kilometre 400, Main and Lapie River grids had been identified through detailed ground surveys and were ready for drill testing with only a minimum of grid rehabilitation. Other potential targets have been identified from the airborne survey plans on the basis of their similarity to the geophysical response over the Main Zone. Priority geophysical target areas were selected from extrapolated geological, structural and/or geochemical soil sampling surveys. These areas required establishing local line grids to complete detail geological, geophysical and/or geochemical surveying. Grid lines were cut at Genie Lake, Kilometre 400, Kilometre 395-398, Three Finger Lake and in the Danger Creek East areas.

Drill hole numbering was based on the total number of holes (diamond drill and reverse circulation) drilled on the property since 1984. A gap in numbering of the reverse circulation drill holes has resulted in an error in the total number of holes. A total of 100 diamond drill holes and 32 reverse circulation holes were completed on the property between 1984 and 1989. The numbering of reverse circulation holes by HBED ended at 19 and the Noranda holes commenced at number 21. The current program began numbering at 134 instead of 133.

Seventeen HQ/NQ drill holes totalling 1 960 metres were completed by E. Caron Diamond Drilling of Whitehorse, Yukon using a Longyear Super 38 drill. The holes were drilled on seven separate grids on the property.

The objective of the drilling program was to indicate potential gold mineralization outside of the previously defined mineralized zones. The diamond drill holes were planned to provide geological information in areas of extensive overburden cover where geological extrapolations were tenuous.

The seven grid areas are indicated on Figure 2, Compilation Map. The drill hole locations are reported on the separate grid maps Figures 4-11 inclusive. Drill sections accompany the report in Appendix 2. The drill log and assay results are presented in Appendix 3.

Table 2: Summary of Drill Hole Data

GRID	Hole No.	Coordinates	Angle	Depth/m	Claim
Km 410	134	213+50W/1+50N	50° N	121.9	Canyon 302
	135	217+00W/2+25N	55° N	69.5	Canyon 302
	136	214+00W/3+25N	50° S	108.2	Canyon 221
	137	212+00W/2+50N	60° S	140.5	Canyon 221
Genie Lake	138	53+00E/30+10N	50° S	122.2	Canyon 216
Km 400	139	94+00W/15+95N	50° S	110.6	Canyon 63
Km 395	140 a/b	56+00W/20+75N	50° S	115.8/ 13.7	Canyon 50
Grew Creek	141	9+750E/10+250N	50° N	108.2	Canyon 6
	142	10+550E/10+070N	55° S	152.4	Canyon 2
	143	10+850E/9+925N	50° S	114.3	Canyon 7
	144	10+900E/9+620N	50° N	153.9	Canyon 8
	145	11+300E/9+825N	50° S	117.3	Canyon 9
	146	11+800E/9+675N	50° S	132.6	Canyon 11
	147	11+600E/9+060N	50° N	148.1	Canyon 11
Lapie River	148	32+00/11+50N	60° S	39.6	Grand 5
3 Finger Lk	149	64+00E/37+35N	60° S	72.5	Grand 130
Grew Creek	150	11+500E/9+600N	60° N	102.7	Canyon 11

8.1 SAMPLING AND ASSAYING

All drill core was logged before sampling; the descriptive logs are included in Appendix 2. Normally, all core was split for sampling although in areas of pristine sedimentary rocks only selected intervals were sampled and assayed. All intervals of veining and hydrothermal alteration were sampled.

Samples were analyzed for gold and a 32 element suite by Chemex Labs Ltd. in Vancouver, British Columbia. Gold determinations of core samples from drill holes 134 - 137 inclusive were by AA with Fire Assay finish with a 5 ppb detection limit and reported in parts per billion. The remainder of gold determinations were also by AA and Fire Assay finish but with a 0.002 opt detection limit and reported in ounces per ton. The multi-element geochemical determinations were by the ICP (Induced Coupled Plasma) method with an Aqua-Regia digestion. Results are reported in ppm or % for the various elements. The elements

determined are Sb, As, Bi, Cd, Co, Cu, Fe, Pb, Mn, Hg, Mo, Ni, P, Ag, U, V, and Zn for which complete extraction of the sample can be assumed. The following elements were reported but partial extraction from the sample is likely; Al, Ba, Be, Ca, Cr, Ga, La, Mg, K, Sc, Na, Sr, Tl, Ti, and W. Gold, silver and arsenic results are tabled in the drill logs in Appendix 3 and the assay reports for all samples are included in Appendix 4.

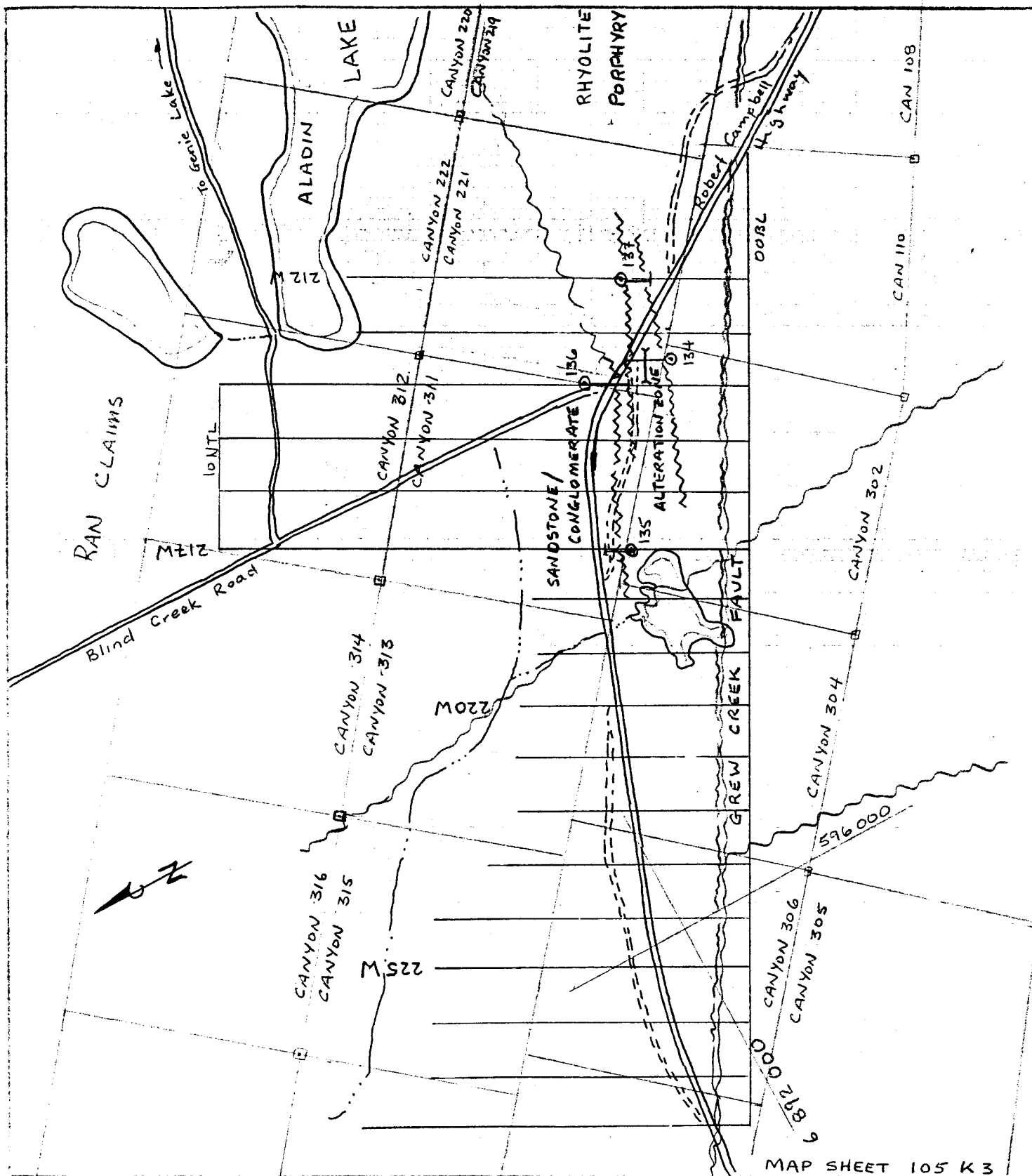
8.2 DISCUSSION OF RESULTS OF DRILL PROGRAM

8.2.1 Km 410 Grid. Figure 4.

The Km 410 area was first identified as a potentially significant target in 1984 based on the observation that a quartz-feldspar porphyry dome outcrops in the area. The area is also the focus of several north-south trending extensional faults. Trenching in 1991 exposed a 35 metre interval of extensive clay alteration with a prominent red, yellow and orange colour anomaly in felsic volcanic rocks. The exposure contained weakly anomalous gold values up to 70 ppb and was very similar to the strong clay altered zones at the western end of the Main Zone at Grew Creek. A ground VLF-EM survey on the Km 410 grid revealed a number of strong linear and spotty anomalies.

Hole 134 was drilled to test the area beneath the alteration in the trench. The hole intersected strongly altered feldspar and quartz porphyritic and brecciated rocks. Argillic and phyllic alteration is prevalent throughout with acid leaching most common in the upper section of the drill hole. Sericitization, feldspathization and pyritization occur with local quartz-adularia veining. Weakly anomalous gold values occur in pervasively altered quartz "eye" porphyry from 45.70 - 54.85 m (10 - 115 ppb) and 64.60 - 72.10 m (10 - 55 ppb). Core recoveries were generally poor with highest assay values corresponding to intervals of core recovery at less than 20 %. Silver and arsenic results reflect the anomalous gold zones with values up to 0.6 ppm and 60 ppm respectively.

Hole 135 was drilled to test a strong VLF-EM response within a 1 200 metre long semi-continuous linear anomaly. The linear VLF-EM anomaly sub-parallel the Grew Creek Fault which is located 200 metres to the south. The drill hole intersected a coarse angular heterolithic breccia zone with a carbonaceous to graphitic matrix. The angular fragments are commonly boulder sized and include clay altered volcanic, argillite and coarse quartz pebble conglomerate. The conglomerate fragments are of strongly lithified unit. The drill hole was stopped in strongly lithified interbedded conglomerate and sandstone. There were no significant gold or silver assay results from the samples in this hole.



135 ○ — DRILL HOLE LOCATION

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CARLOS GOLD PROJECT
KM 410 GRID

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Figure 4

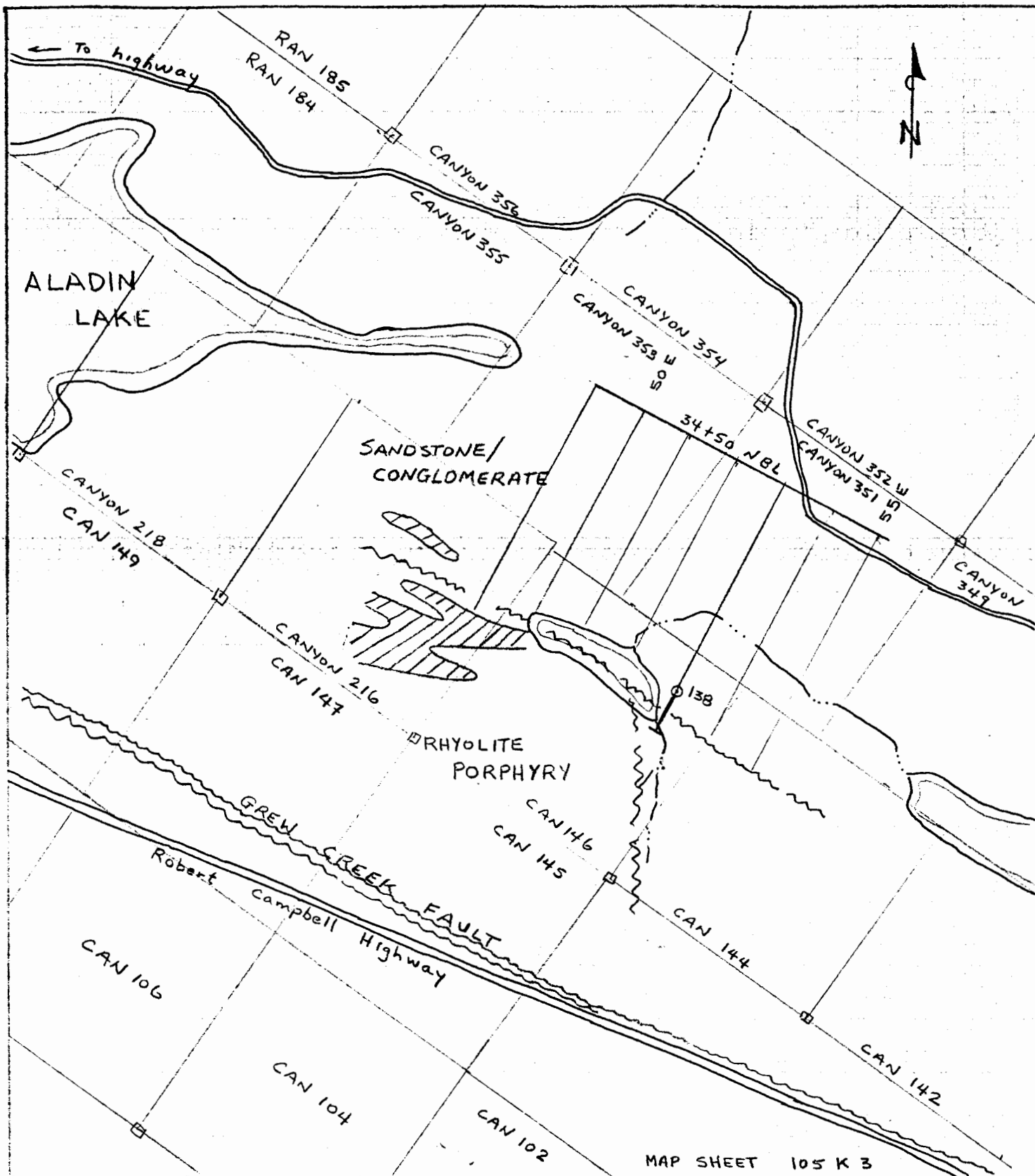
Hole 136 was drilled to test a second peak on the VLF-EM anomaly intersected in drill hole 135. This second high occurs at the intersection of the fault breccia zone and an east-west trending topographic lineament visible on air photos and the topographic maps. This feature is considered important since a similar east-west trending fault intersects the Grew Creek Fault at the Main Zone near Grew Creek. The drill hole intersected the strongly lithified sandstone/conglomerate unit which includes graphitic shale interbeds. The drill hole intersected the coarse heterolithic fault breccia with graphitic matrix at depth. The breccia fragments include altered volcanic boulders near the bottom of the hole. There were no samples containing detectable gold or silver in the drill hole.

Hole 137 was drilled to test for the possible extension of the mineralization intersected in drill hole 134. Hole 137 was drilled 150 metres east of 134 and at a steeper angle (-60°) to test the system at a deeper level. The hole intersected a basalt dyke and heterolithic fault breccia with graphitic matrix and a 9.5 m interval of sericite altered and acid leached quartz-feldspar porphyry breccia followed by a chloritic schistose shear zone and ending in a graphitic fault zone. The fault zone included a low grade coal seam with narrow band of high reflectance coal. The well foliated shear zone is probably a basement rock unit. The altered volcanic porphyry breccia contained sparse quartz stringers, disseminated pyrite and anomalous gold values up to 130 ppb. Core recoveries were good in the anomalous interval. The alteration zone contained anomalous arsenic values ranging from 40 to 120 ppm.

8.2.2 Genie Lake Grid. Figure 5.

The Genie Lake grid was established to follow up on a 3 line airborne EM anomaly which occurred adjacent to an interpreted north-south trending extensional fault. A reconnaissance soil survey was carried out down ice of the airborne anomaly which produced a detectable gold (4 -12 ppb) in till anomaly at surface west of Genie Lake. A line grid was cut (7 lines by 500 metres) and surveyed with VLF-EM up ice of the anomaly to accurately locate the target for diamond drilling. The Genie Lake area is immediately north of the quartz "eye" porphyry dome which extends from the Km 410 area.

Hole 138 was drilled to intersect a strong VLF-EM response at the east end of Genie Lake below a prominent cliff of quartz "eye" porphyry with patchy sericite alteration and yellow limonite staining. The drill hole intersected strongly lithified interbedded conglomerate and sandstone with a narrow felsic tuff bed above a graphitic fault breccia zone with coarse heterolithic clasts of conglomerate and sandstone. Below the fault zone the drill hole intersected a fine grained magnetic basalt dyke and



138 — DRILL HOLE LOCATION



DETECTABLE GOLD
IN TILL ANOMALY

YGC RESOURCES LTD.

CARLOS GOLD PROJECT
GENIE LAKE GRID

October,
1993

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1:10 000

Figure 5

pale greenish grey quartz "eye" rhyolite porphyry. The rhyolite porphyry is locally brecciated with disseminated pyrite, local brecciation and patchy alteration in the upper 20 metres of the contact with the basalt dyke. There were no detectable gold or silver values in the assays from the drill hole.

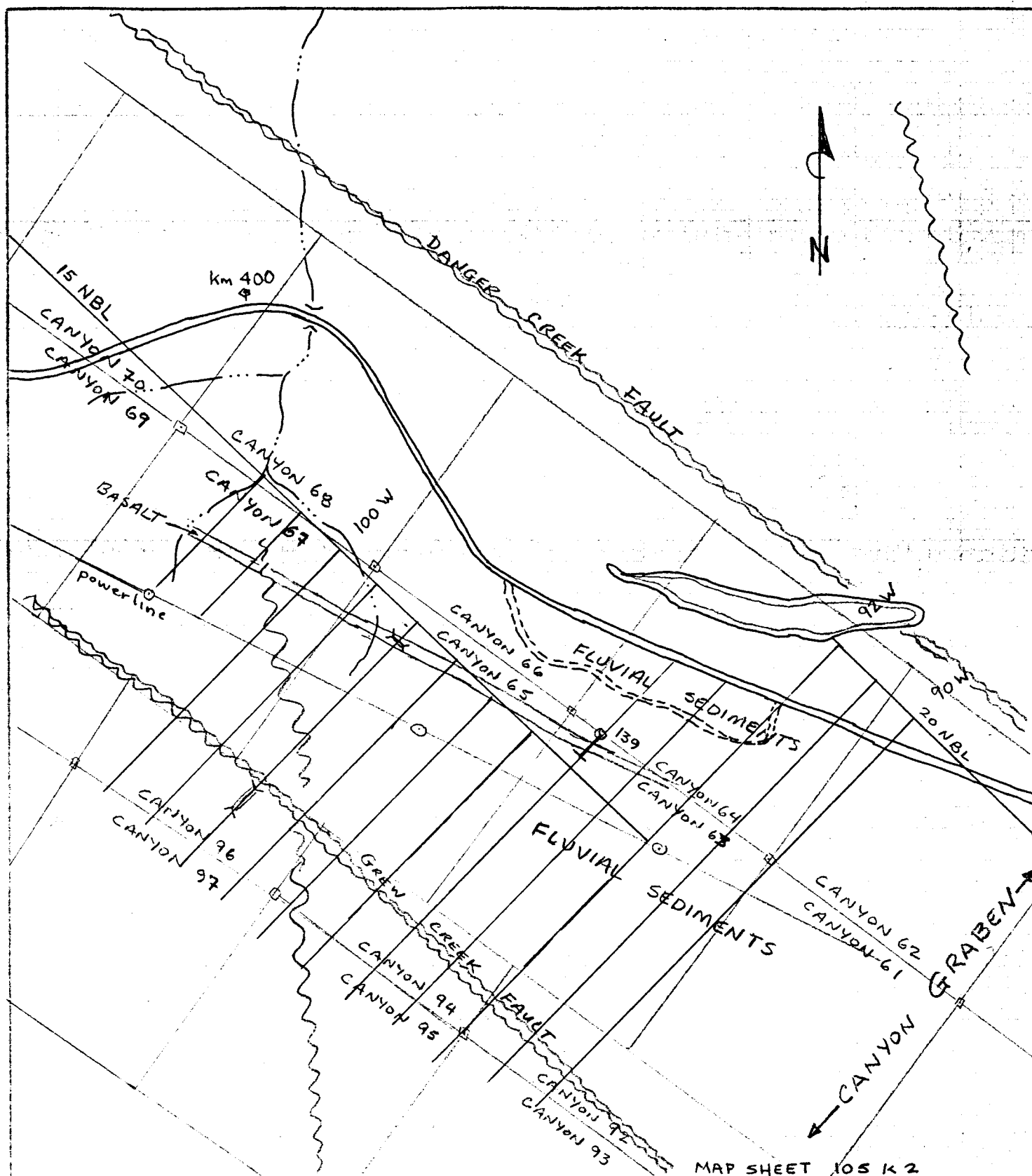
8.2.3 Km 400 Grid. Figure 6.

The Km 400 area was first identified in 1984 as a possible structural target. The area is at the western end of the basalt volcanic assemblage which is continuous from the Main Zone area at Grew Creek. The Km 400 area is also the centre for several north-south trending extensional faults. Down-ice of the Km 400 area geochemical "noise" occurs in the gold, mercury and arsenic reconnaissance soil and humus samples. HBED sampled the silt sediment in the creek which yielded anomalous (235 ppb) mercury values. Ground geophysical surveys on the grid in 1986 produced an east-west trending magnetic anomaly similar to the magnetic anomaly on the Grew Creek grid which appears as an extension of the east-west fault at the Main Zone. The east-west magnetic (structural) trend is projected to intersect the Grew Creek Fault zone between sections 104 W and 107 W at approximately 11+00 N. This is a marshy area inaccessible during the summer season.

Hole 139 was drilled on the eastern portion of the magnetic trend. Several fill-in grid lines were added to the 1986 grid (4 lines by 300 metres) and surveyed with an Omni+ (VLF-EM/ magnetic) instrument. The drill hole was located to intersect the magnetic anomaly and VLF-EM anomaly coinciding with the southern edge of the magnetic anomaly. The drill hole intersected fluvial sandstone / conglomerate intruded by a magnetic fine grained basalt dyke (inter flow?) and underlain by mafic to intermediate volcanic tuff, tuff breccia and flows. Clay rich fault seams correlate to the VLF-EM anomaly and repeat the stratigraphic sequence with a repetition of the fluvial sedimentary sequence. There were no detectable gold or silver assays from the samples in the drill hole.

8.2.4 Km 395-398 Grids. Figure 7.

Reconnaissance geochemical soil sampling was carried out west of the Grew Creek Main Grid in an extensive overburden covered area flanking the mafic volcanic rocks outcropping along the Grew Creek Fault. The airborne survey results indicate several resistivity lows associated with two-three line EM anomalies. Local magnetic anomalies occur as east-west trending linear responses. The geochemical survey produced irregular detectable gold in till anomalies (4-9 ppb). Grid lines were cut on three grids (14 lines by 500-1000 metres) and surveyed with the



139 ○ — DRILL HOLE LOCATION
 □ CLAIM POST LOCATION

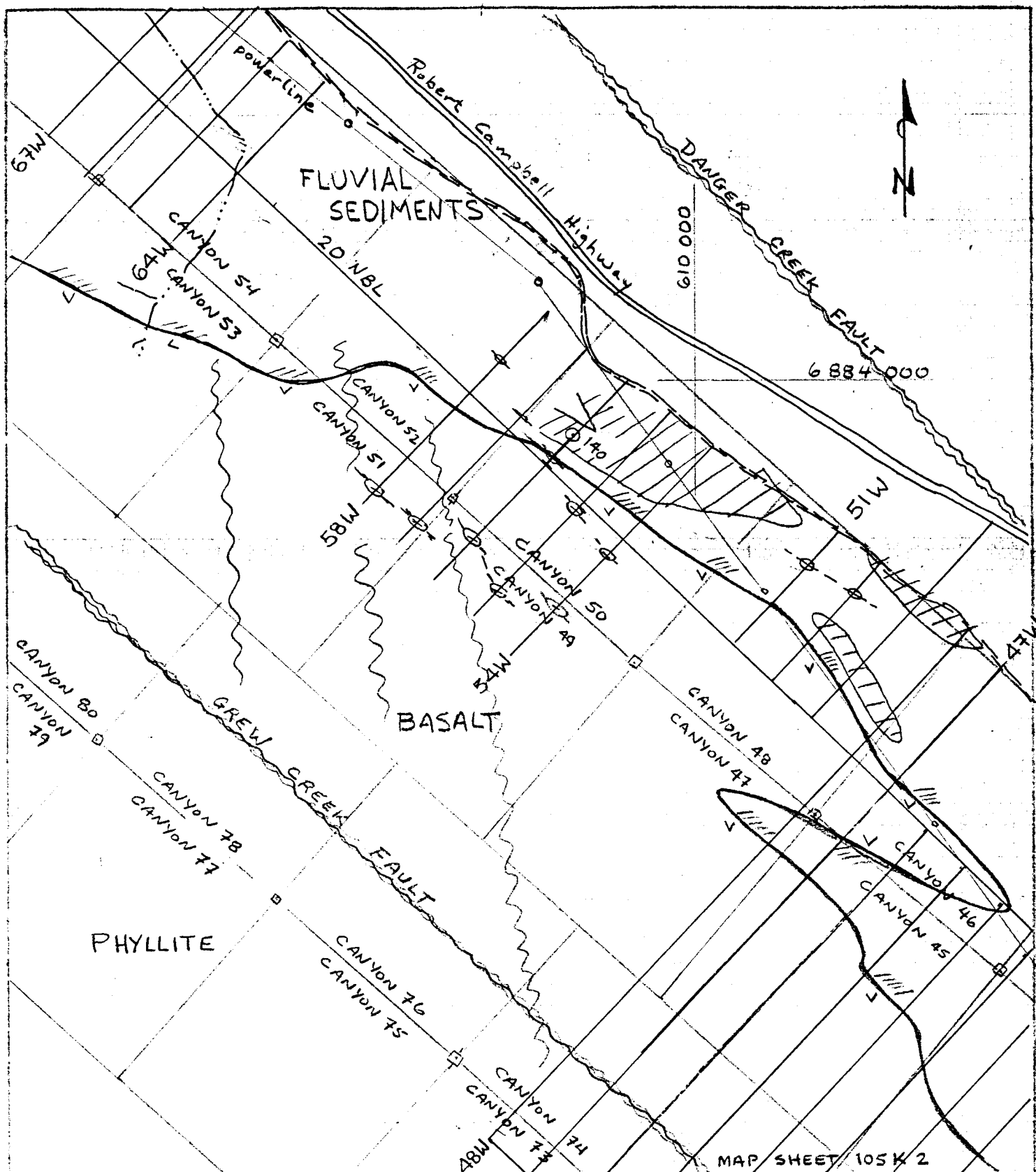
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CARLOS GOLD PROJECT
 KM 400 GRID

October,
 1993

SCALE:
 1 : 10 000

Figure 6



- 140 ○ — DRILL HOLE LOCATION
-  DETECTABLE GOLD IN SOIL ANOMALY
- ⊙ VLF-EM ANOMALY
-  GEOLOGIC CONTACT BASALT/FLUVIAL SEDIMENTS

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CARLOS GOLD PROJECT
KM 395-398 GRID

October,
1993

SCALE:
1:10 000

Figure
7

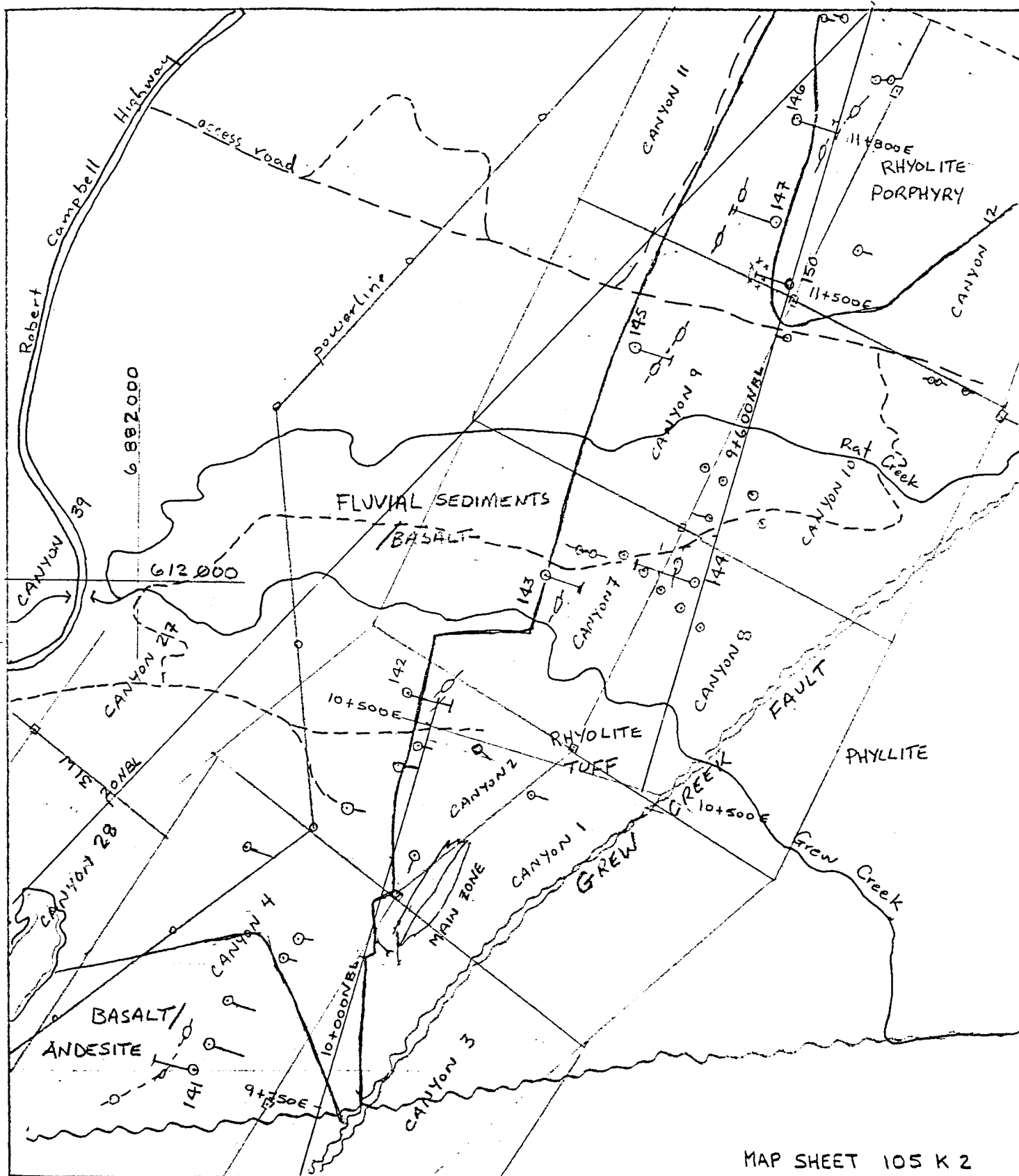
Omni+ instrument to locate possible up-ice sources for the gold in till anomalies.

Hole 140 was drilled to test a VLF-EM anomaly immediately north of a east-west trending basalt dyke on the northern flank of the mafic volcanic assemblage. The hole was also planned to test the overburden in the area of the gold in till anomaly from the surface soil samples. The overburden was composed of reworked gravels which created problems during drilling. The initial hole was abandoned and re-started and subsequent deviation within the hole produced a duplication of a short interval within the drill section. The drill hole intersected fluvial sedimentary rocks which are in fault contact with mafic volcanic rocks at the 100 m depth. A intense calcite stringer stockwork was intersected at 65.5 m hosted by interbedded sandstone and argillite. There was no gold detected in any of the core samples. The upper section of the fluvial sedimentary rocks yielded silver values of 0.2-0.4 ppm.

8.2.5 Grew Creek Grid. Figure 8.

There were a number of geophysical/geological/geochemical targets in the Grew Creek area which had not been tested in previous drilling programs. The felsic volcanoclastic rocks which host the Main Zone cover an area approximately 1750 metres by 550 metres along the Grew Creek Fault and immediately west of the dome of flow rhyolite. The Main Zone is located at the western edge of the eruptive felsic rocks. The anomalous mineralization covers an area of 100 metres by 350 metres. Targets based on geophysical interpretation were identified along the east-west structural trend which appears to have localized the Main Zone mineralization near the intersection with the north-south extensional fault zone.

The geophysical targets were selected on the basis of similarity to the ground and airborne survey responses from the Main Zone. From the airborne survey, a three line EM anomaly correlates to the Main Zone within the larger area of irregular resistivity response coinciding with the outcrop area of felsic eruptive rocks. The ground VLF-EM response over the Main Zone correlates with the airborne EM anomalies. At least six additional anomalies were identified from the two surveys within the area underlain by the felsic eruptive rocks. Various geochemical soil (till) sampling programs by HBED and Noranda in the Grew Creek area produced a number of gold in till anomalies from surface samples and at depth in reverse circulation drill holes. The gold in till anomalies immediately west of Grew Creek and overlying the Main Zone are relatively widespread. Depth of glacial till in the area suggests that the source of the surface gold anomalies could be more than a kilometre to the southeast.



MAP SHEET 105 K 2

- 142 ○ — 1993 DRILL HOLE LOCATION
- — SELECTED DRILL HOLE LOCATION (1984-89)
- VLF-EM ANOMALY

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CARLOS GOLD PROJECT
GREW CREEK GRID

October,
1993

SCALE:
1:10 000

Figure
8

Hole 141 was drilled to test for a possible northerly offset to the Main Zone mineralization (Duke). The hole was drilled to test a projected VLF-EM anomaly at the 75 metre depth. The drill hole intersected mafic to intermediate tuff and tuff breccia. A sheared fault breccia zone was intersected from 90 - 102 metres which correlates with the down dip extension of the VLF-EM anomaly. Notable carbonate alteration consisting of weak pervasive alteration and patchy calcite grains occurs in the upper portion of the drill hole and decreases at depth in the drill core. There were no detectable gold or silver values in the core samples from the hole.

Hole 142 was drilled to test a VLF-EM/airborne EM anomaly located 300 metres east on the projected trend of the Main Zone. The drill hole intersected fluvial sediments in fault contact with rhyolite tuff at 86 metres. The S&P crystal lithic tuff is intruded by a 23.5 metre wide diabase dyke which is strongly carbonate altered and contains a carbonate-quartz stringer stockwork. A wide maroon coloured hematite pseudo-porphyrty was intersected at the lower contact of the diabase dyke. The lower S&P tuff contains several narrow beds of the remobilized basal pyroclastic rocks of the pseudo-porphyrty aquiclude and lower weak clay alteration. There were no detectable gold values in the core samples. Weakly anomalous silver values (0.2-0.4 ppm) were obtained from the fluvial sediments. Detectable gold values of 3-8 ppb were obtained from scattered intervals of the glacial till overburden.

Hole 143 was drilled to test a VLF-EM anomaly located in the footwall of a hematite weathered pseudo-porphyrty aquiclude which outcrops above Grew Creek. The drill hole intersected CLP tuff which is pervasively clay and sericite altered above a fault intersected at 39 metres. Patchy maroon weathering welded pseudo-porphyrty aquiclude was intersected across a 22.5 metre interval in contact with clay weathered S&P tuff which contained scattered rare calcite stringers. No detectable gold assays were obtained from the core samples. Anomalous silver values (up to 0.6 ppm) were obtained from the sericite altered CLP tuff.

Hole 144 was drilled to test a VLF-EM anomaly immediately up ice of a gold in basal till anomaly obtained from a 1986 reverse circulation drill hole. Anomalous gold values (up to 340 ppb) were obtained from bedrock samples in a number of reverse circulation drill holes in the area. The drill hole intersected coarse clastic CLP tuff with abundant pumice fragments and sericite altered pyritized quartz porphyry clasts in a proximal facies volcanic assemblage. A 3 cm green and white fluorite stringer was intersected at 76.6 metres. The CLP tuff is in contact with pervasively albitized and carbonate veined diabase dyke intersected between 86.8 - 130.8 metres. The diabase has been faulted with several shear zones between 97 - 103 metres. The diabase dyke probably extends to the diabase outcrops along

Grew Creek near the Grew Creek Fault. An intensely carbonatized fine grained rhyolite breccia was intersected from 130.8 - 135 metres. The drill hole ended in an assemblage of crystal lapilli tuff and lithic ash tuff. There were no detectable gold or silver assays from the core samples. Anomalous arsenic values (42 - 102 ppm) were returned from samples of CLP tuff.

Hole 145 was drilled east of Rat Creek to test a VLF-EM anomaly underlain by basal pyroclastic rocks on the extension of the main zone mineralized horizon. Anomalous arsenic and mercury assays were obtained from outcrop above Rat Creek. The area is up ice of gold in till anomalies west of Grew Creek. The drill hole intersected S&P tuff with an interbed of CLP tuff from 92.8 - 106.7 metres. The S&P tuff has undergone weak to moderate carbonate alteration above the CLP tuff intersection. The CLP tuff contains coarse heterolithic clasts of pumice, volcanic and sedimentary rocks of a proximal facies volcanic environment. There were no detectable gold or significant silver values in the core samples. Weakly anomalous arsenic assays (22 - 72 ppm) were returned from several scattered samples in the upper section of the drill hole.

Hole 146 was drilled to test a VLF-EM anomaly west of the anomalous gold mineralization (400-500 ppb) intersected in the 1986 reverse circulation holes RH-10 and RH-11. The drill hole intersected strong sericite alteration and pyritization of quartz-feldspar porphyry from 43 - 48 metres followed by interlayered proximal facies CLP tuff and porphyritic rhyolite. A fault zone and a thin interval of fluvial sediments were intersected from 67.25 to 70.5 metres. A strongly hematized massive intermediate volcanic unit was intersected between 102.5 and 112.4 metres. There were no detectable gold values from the core samples. The porphyritic rhyolite from 86.25 - 99.75 metres assayed 0.4 ppm silver. Anomalous arsenic (62 ppm) values were obtained from the intensely altered quartz-feldspar porphyry immediately at the overburden/bedrock interface.

Hole 147 was drilled to test a strong IP resistivity anomaly and flanking VLF-EM anomaly in an area between drill hole 145 containing carbonate alteration and drill hole 146 with intense sericite-pyrite alteration. Both drill holes intersected proximal facies CLP tuff. The drill hole overshot the IP resistivity anomaly due to unexpectedly deep overburden cover (69 metres) and intersected rhyolite crystal lapilli (CLP) tuff with pervasive weak to moderate carbonate alteration which decreases down hole. The drill hole intersected a fault zone at 140.5 - 145.5 metres which correlates to the VLF-EM anomaly. There were no detectable gold values from core samples. Although there were detectable silver assays (0.2 ppm) from a broad interval above the fault zone intersection.

Hole 150 was drilled to test a strong "bull's eye" IP resistivity anomaly detected in the 1988 Noranda survey (and overshoot in drill hole 147). The anomalous IP readings must have been spurious as the drill hole intersected pre-glacial gravels at 40 metres which persisted to the bottom of the hole at 102.7 metres. Detectable gold values (4 - 7 ppb) were returned from soil samples taken from the glacial till.

8.2.6 Lapie River Grid. Figure 9.

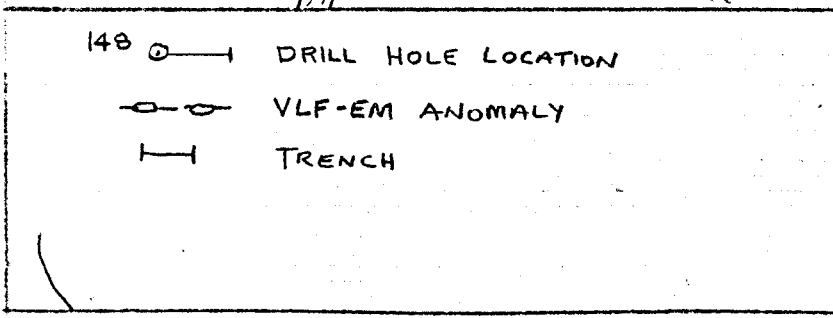
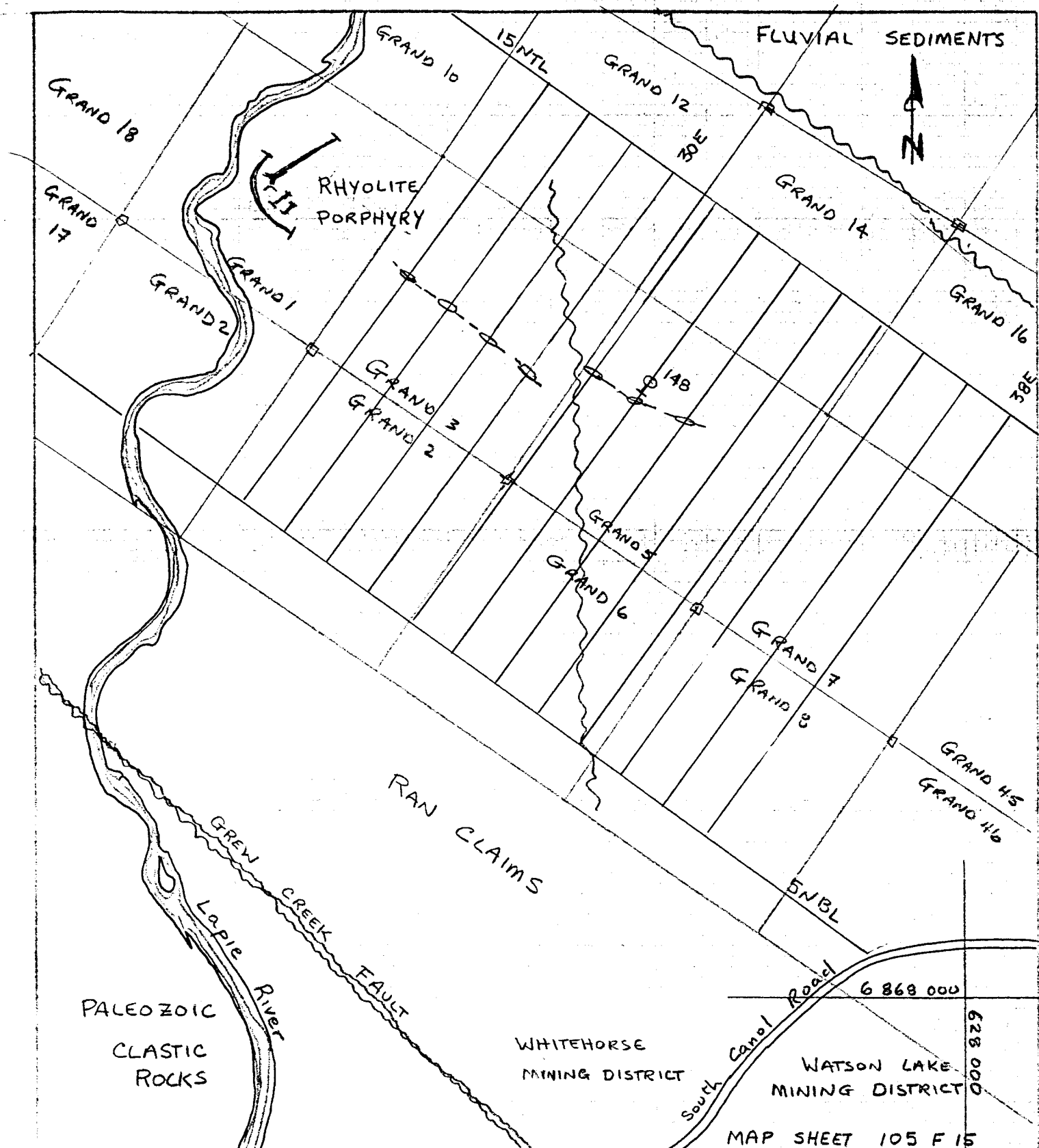
Clay alteration of rhyolite and lithic tuff along Lapie River was mapped and sampled by HBED in 1985-86 and trenched by Goldnev Resources in 1991. A line grid was cut and surveyed by VLF-EM in 1986 by HBED. Several linear anomalies were noted which were disjointed and locally offset along possible north-south trending breaks which can be interpreted as extensional faults. The VLF-EM response is on a southeast trend from the trenched area and may represent clay altered shear zones +/- gold mineralization.

Hole 148 was drilled to test an VLF-EM anomalous peak adjacent to a north-south offset 900 metres southeast of the clay altered rhyolite and tuff outcrops above the Lapie River. The hole was drilled at a steeper than normal (-60°) angle to decrease the amount of overburden to penetrate in the hole. Overburden is composed of outwash gravels of a very broad provenance. The hole was tri-coned to 39.6 metres where it is believed bedrock was encountered. The diamond drill rods could not recover the tri-coned hole and the drilling attempt was abandoned to avoid losing drilling equipment in the hole. No sampling of the overburden was undertaken.

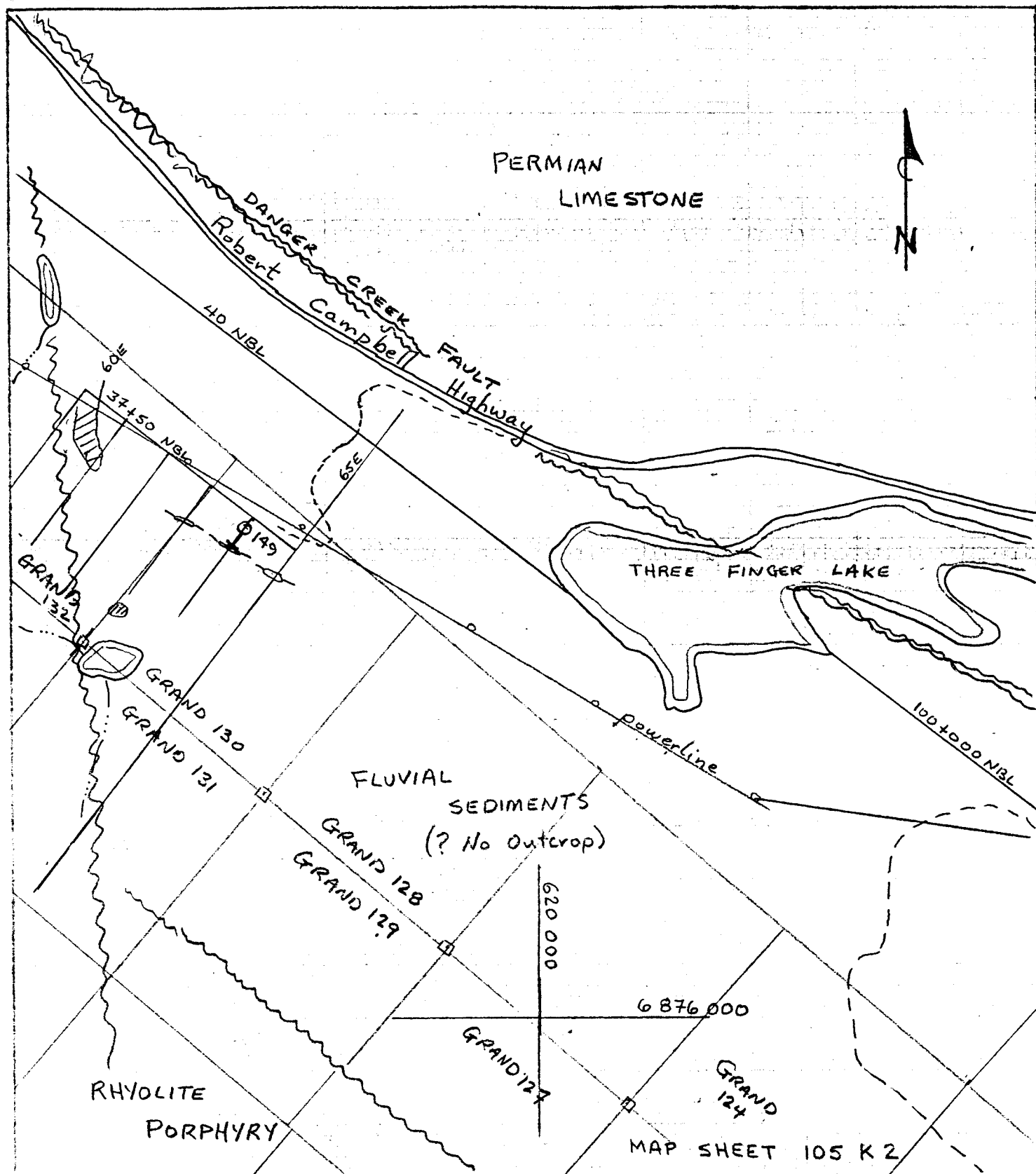
8.2.7 Three Finger Lake Grid. Figure 10.

A three line airborne EM anomaly is located 500 metres west of Three Finger Lake at approximately Kilometre 383 on the Robert Campbell highway. Reconnaissance geochemical soil sampling by Noranda indicated detectable gold values (5 - 7 ppb) 500 metres down ice of the anomaly. Detail soil sampling in the area this season returned scattered values of 11 - 13 ppb gold. Grid lines were cut (6 lines by 300 metres) and surveyed with an EM-16 to locate the airborne EM anomaly for drilling. The anomaly is on the northern flank of the rhyolite dome rocks which form a continuous ridge from the Grew Creek area. There is no outcrop in the fault bounded block area containing the Three Finger Lake anomaly.

Hole 149 was drilled to test the EM anomaly at an approximate depth of 75 metres. The hole was unable to penetrate through the overburden at the completion depth of 72.5 metres



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CARLOS GOLD PROJECT LAPIE RIVER GRID		
October, 1993	SCALE: 1:10 000	Figure 9



- 149 ○— DRILL HOLE LOCATION
- VLF-EM ANOMALY
- ▨ DETECTABLE GOLD IN TILL

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CARLOS GOLD PROJECT
THREE FINGER LAKE GRID

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1993

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1:10 000

Figure
10

where the drill bit and rods broke off in the hole. The hole was abandoned and the equipment was not recovered. The overburden was predominantly glacial till although recovery was generally poor. Local clay rich section were recovered but sandy intervals generally washed away in the drilling process. No samples were collected from the till.

8.2.8 Danger Creek East Grid. Figure 11.

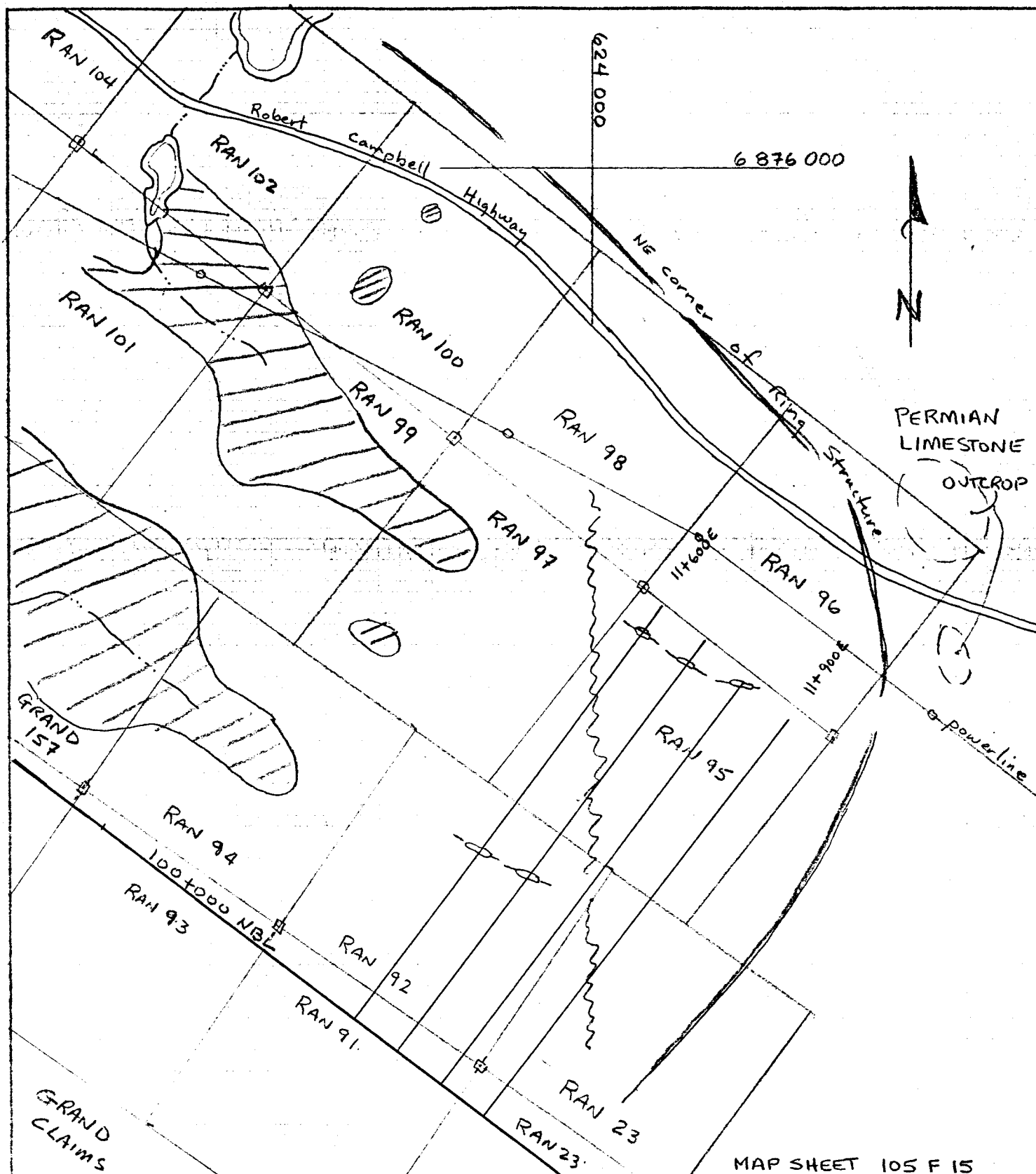
A broad anomalous area (1 km by 1.5 km) of EM and calculated resistivity was located 3 kilometres southeast of Danger Creek on the airborne geophysical survey. The area is located north of the Danger Creek Fault zone. The area appears to be on the trend of a north-south trending extensional fault. Outcrops of massive Permian Limestone occur along the Lapie River (1 km to the southeast) and north of the Campbell Highway (3 km to the west) within the fault bounded block hosting the anomalous zone. Reconnaissance soil sampling down ice of the anomalous area indicated at least two detectable gold in till anomalies (5-24 ppb) which were investigated with detail follow up sampling. Grid lines were cut up ice (4 lines by 1 km) of the gold in till anomalies and crossing the airborne geophysical anomalous zone. The lines were surveyed by EM-16 to locate the discrete EM conductors indicated on the airborne survey. The detail sampling produced a single high of 66 ppb from the northern anomaly and failed to reproduce the detectable gold values from the southern anomaly.

The potential up-ice source of the northern anomaly was considered to be the prime exploration target. The anomaly has not been drill tested because of the difficulties and expenses encountered when drilling the Lapie River and Three Finger Lake targets.

9.0 CONCLUSIONS

Diamond drilling has provided valuable geological information in areas of overburden covered areas. The drill program attempted to systematically step out from outcrop occurrences using structural and geophysical trends as guides. The broad extensive and deep overburden cover in the southeastern portion of property has required larger step outs and hindered diamond drilling.

The diamond drilling program has indicated that the extensive hydrothermal alteration exposed in the surface trench at Kilometre 410 extends to a depth of at least 70 metres. A drill hole 150 metres southeast of the trench also intersected strongly altered volcanic rocks, although the volcanic rocks are confined to a narrower interval. The altered volcanic rocks in hole 134 are bounded by post mineralization faults. The northwestern extent of the system remains open. The strong clay alteration intersected in the drill



 VLF-EM ANOMALY
 DETECTABLE GOLD IN TILL

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CARLOS GOLD PROJECT
DANGER CREEK EAST GRID

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Figure
11

holes indicates that the occurrence is at a high level within an epithermal system. The setting and type of alteration is similar to that encountered at the western end of the Main Zone at Grew Creek. The drill holes encountered anomalous geochemical gold values indicating that gold mineralization is associated with this epithermal system.

VLF-EM and airborne EM survey results produce reliable and repeatable anomalies. These survey results are not useful for discriminating potential gold bearing mineralization from barren shear zones. A more reliable geophysical survey such as IP would be helpful in locating drill targets in structurally favourable areas. This geophysical method can provide responses for high resistivity (silicification) or disseminated sulphide targets.

Attempts to follow up anomalous gold in till have have not been successful at locating economic gold mineralization to date. A conclusive source for the broad gold in till anomaly immediately west of Grew Creek and partially overlapping the Main Zone mineralization has not been determined.

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN

I, Robert W. Stroshein of the City of Whitehorse, Yukon Territory, hereby certify that:

1. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.
2. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation.
3. I was directly involved in the diamond drilling program on the Carlos Gold Project during 1993. I planned and supervised the geological aspects of the program, monitored the contractor's performance and prepared this report on the results of the program.
4. My business address is:

c/o Archer, Cathro and Associates (1981) Ltd.
P.O.Box 4127
Whitehorse, Yukon Territory
Y1A 3S9

5. My home address is:

26 Liard Road
Whitehorse, Yukon Territory
Y1A 3L4

Signed,



Robert W. Stroshein

November 16, 1993

ARCHER, CATHRO

& ASSOCIATES LIMITED

CONSULTING GEOLOGICAL ENGINEERS

VANCOUVER, B.C. (604) 688-2568

Box 4127, WHITEHORSE, Y.T. Y1A 3S9 (403) 667-4415

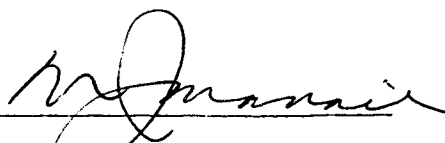
1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

AFFIDAVIT



I, Joan Mariacher, of Whitehorse, Yukon make oath and say:

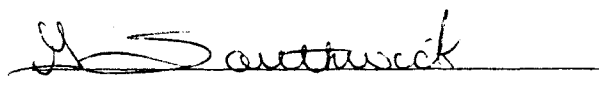
That to the best of my knowledge the attached Statement of Expenditures for exploration work on ~~XXX~~ some Ran, Canyon, Grand & Ran mineral claims on Claim Sheet 105F/15 & 16, is accurate.
105K/2 & 3


Joan Mariacher

Sworn before me at Whitehorse, Yukon

this 7th day of

September, 1993


Notary, Yukon Territory

Statement of Expenditures
on certain Can, Canyon, Grand and Ran Claims
September 5, 1993

Labour (on DDH148 - Grand 5)

R. Strosheim (geologist) - August 15-17 - total 3 days at \$285/day	\$ 855.00	
J. Weber - August 18 - 1 day at \$195/day	<u>195.00</u>	\$ 1,050.00

Labour (linecutting on Ran 91 & 232)

J. Weber - 2 days August at \$195/day	390.00	
J. Owerko - 2 days at \$157.50/day	<u>315.00</u>	705.00

Expenses (Ran 91 & 232)

Field room & board - 4 days for Weber & Owerko at \$40/manday		160.00
--	--	--------

Contract Diamond Drilling

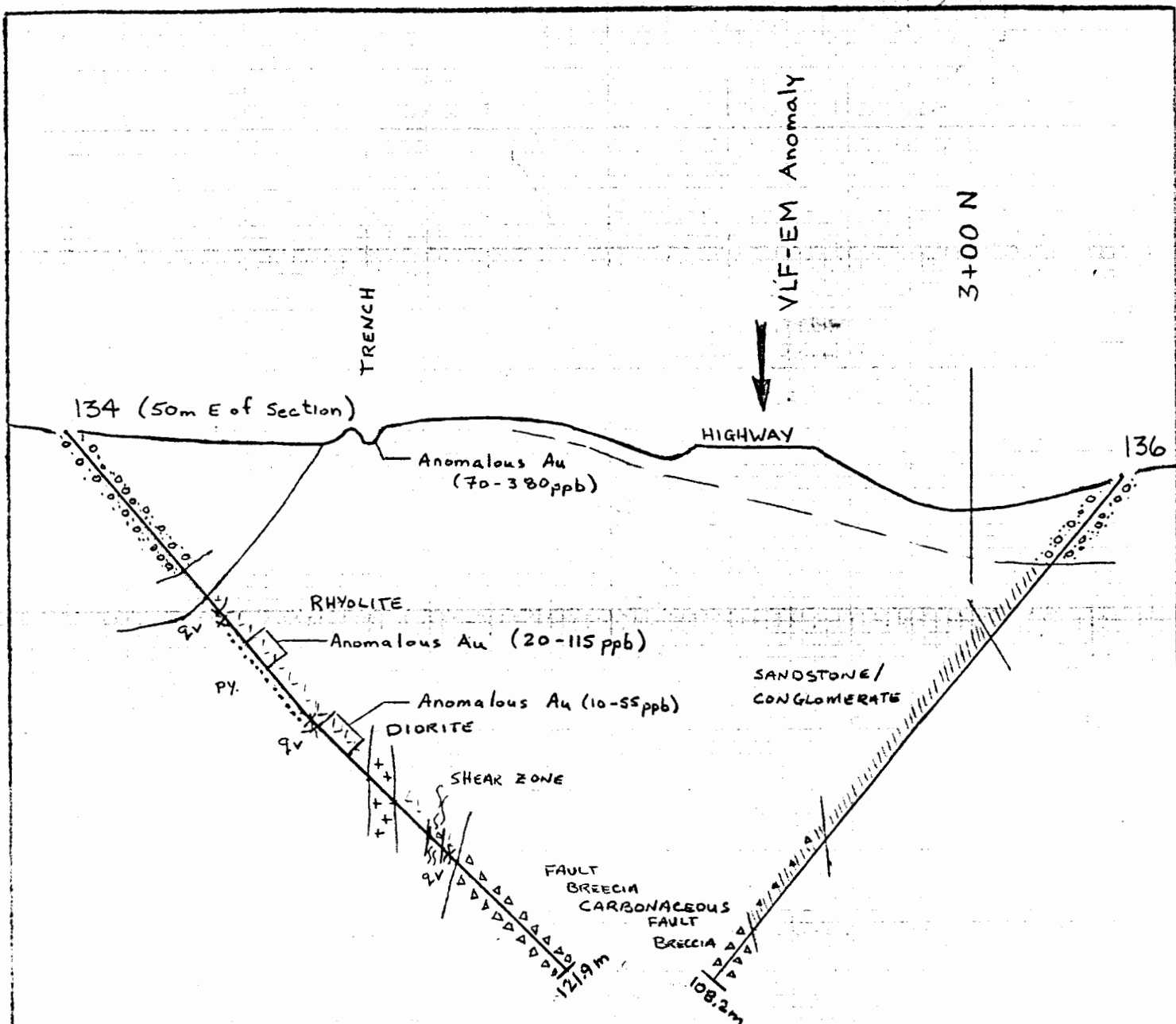
E. Caron Diamond Drilling		<u>251,609.70</u>
		<u>\$253,524.70</u>

APPENDIX 2

DIAMOND DRILL HOLE

CROSS SECTIONS

DRILL HOLES 134 - 150



qv: quartz veining
py: disseminated pyrite

CARLOS GOLD PROJECT

KM 410 GRID
SECTION 214 W

LOOKING WEST

SCALE:
1:1000

2+000

135

VLF-EM
Anomaly

HIGHWAY

SANDSTONE/
CONGLOMERATE

FAULT BRECCIA
CARBONACEOUS

SANDSTONE/
CONGLOMERATE

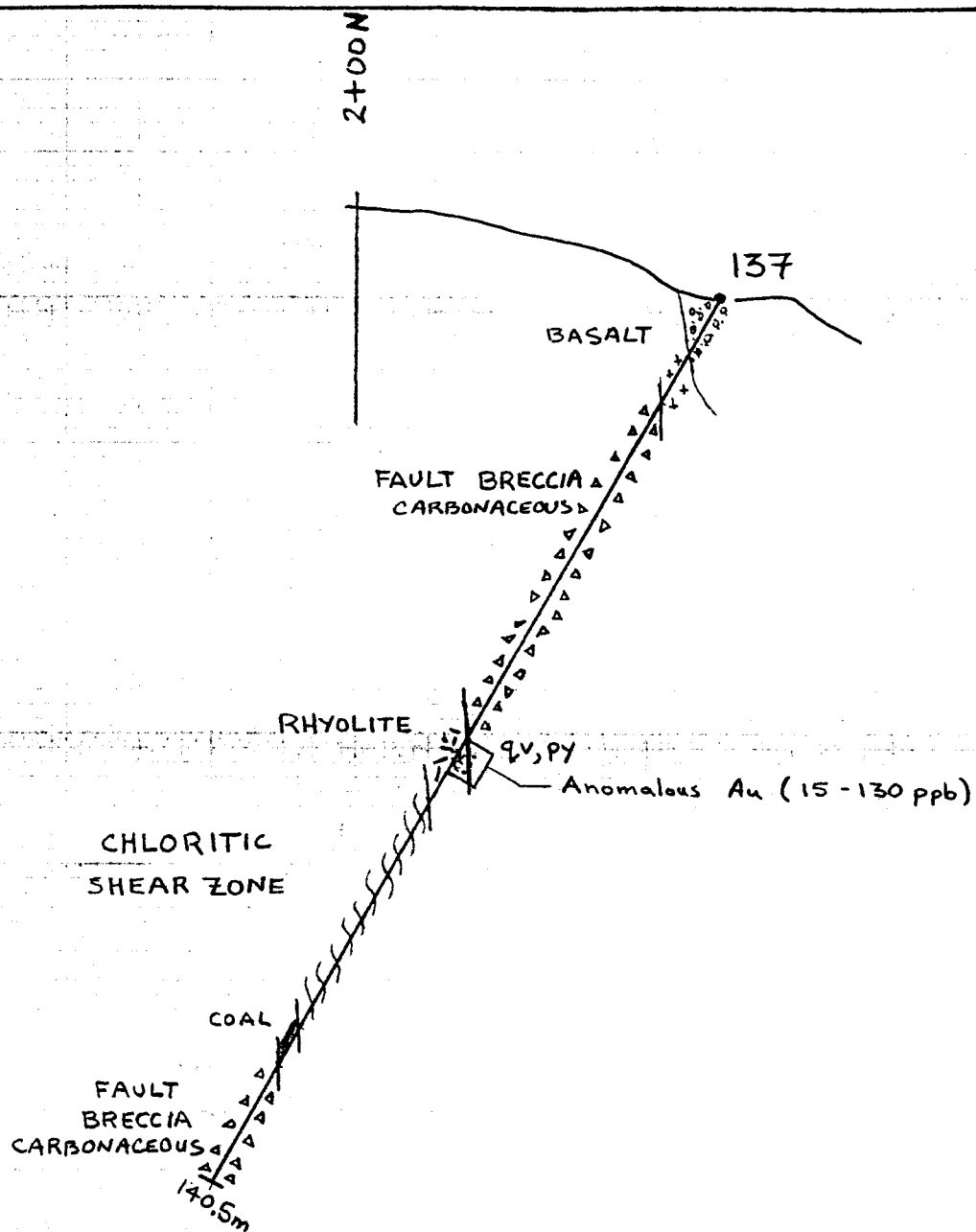
69.5m

CARLOS GOLD PROJECT

KM 410 GRID
SECTION 217 W

LOOKING WEST

SCALE:
1:1000



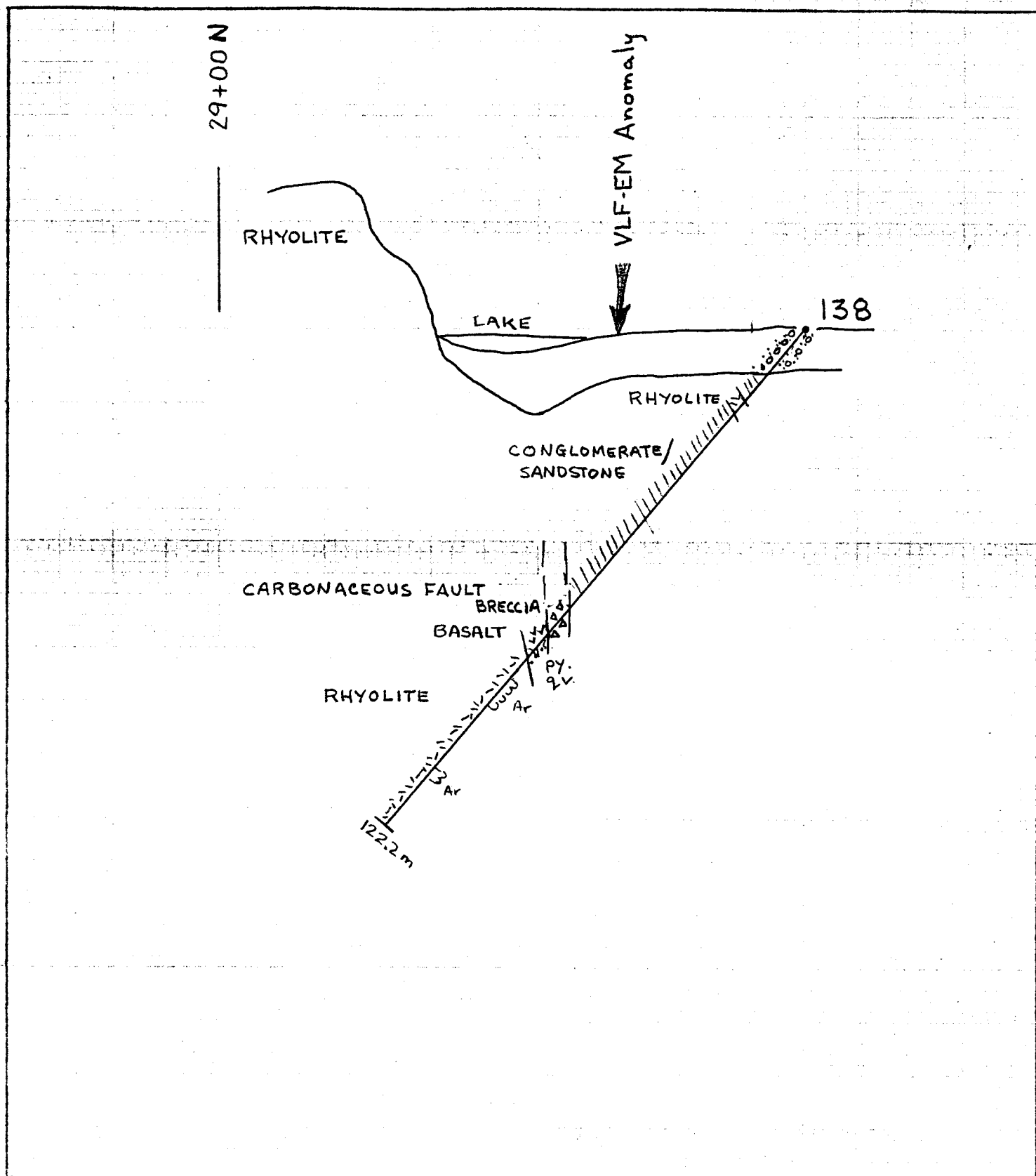
≈ qv quartz veining
 : py disseminated pyrite

CARLOS GOLD PROJECT

KM 410 GRID
 SECTION 212 W

LOOKING WEST

SCALE:
 1:1000



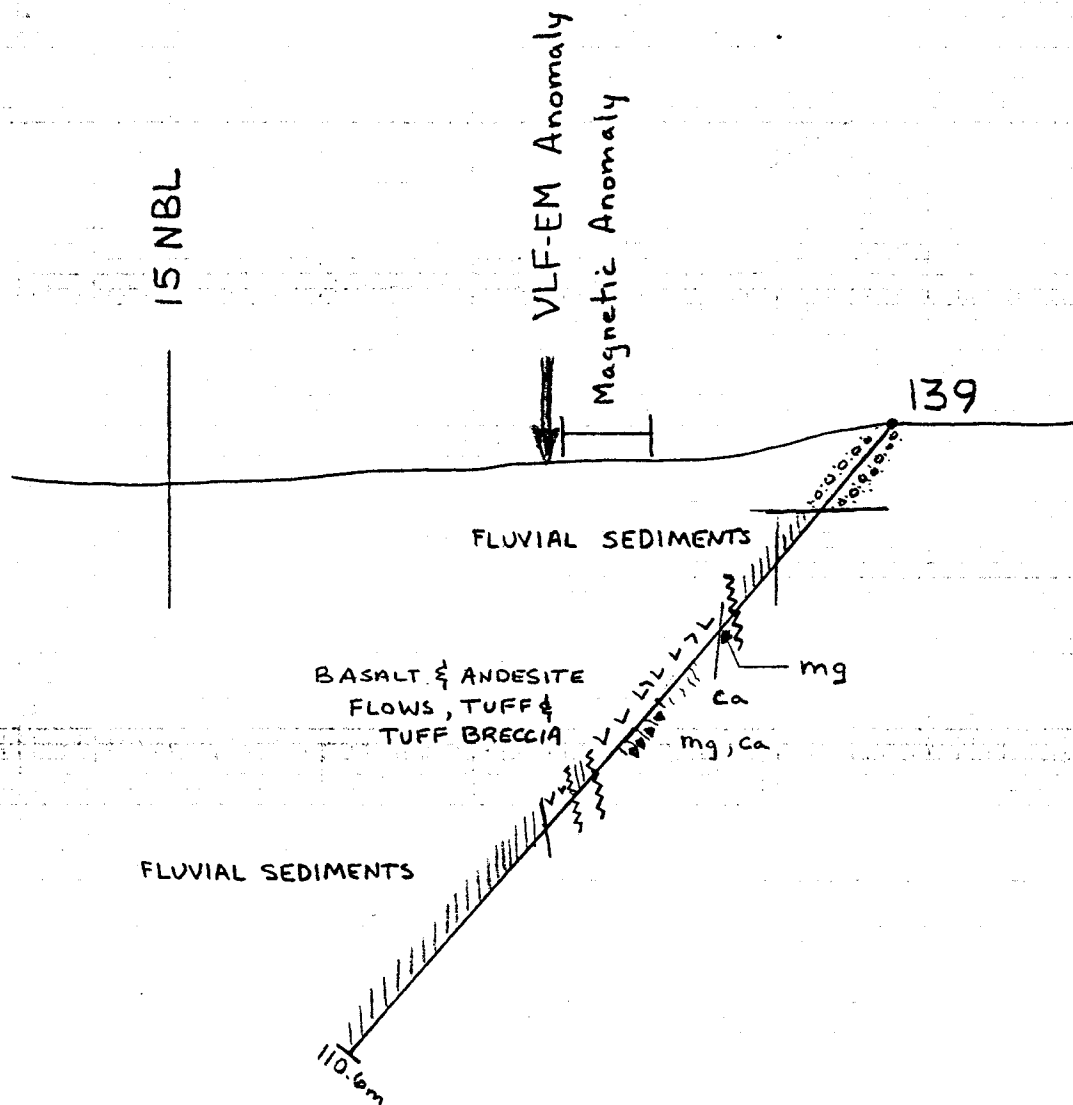
≈ qv quartz veining
 : Py disseminated pyrite
 3 Ar clay alteration

CARLOS GOLD PROJECT

GENIE LAKE GRID
 SECTION 53E

LOOKING WEST

SCALE:
 1:1000



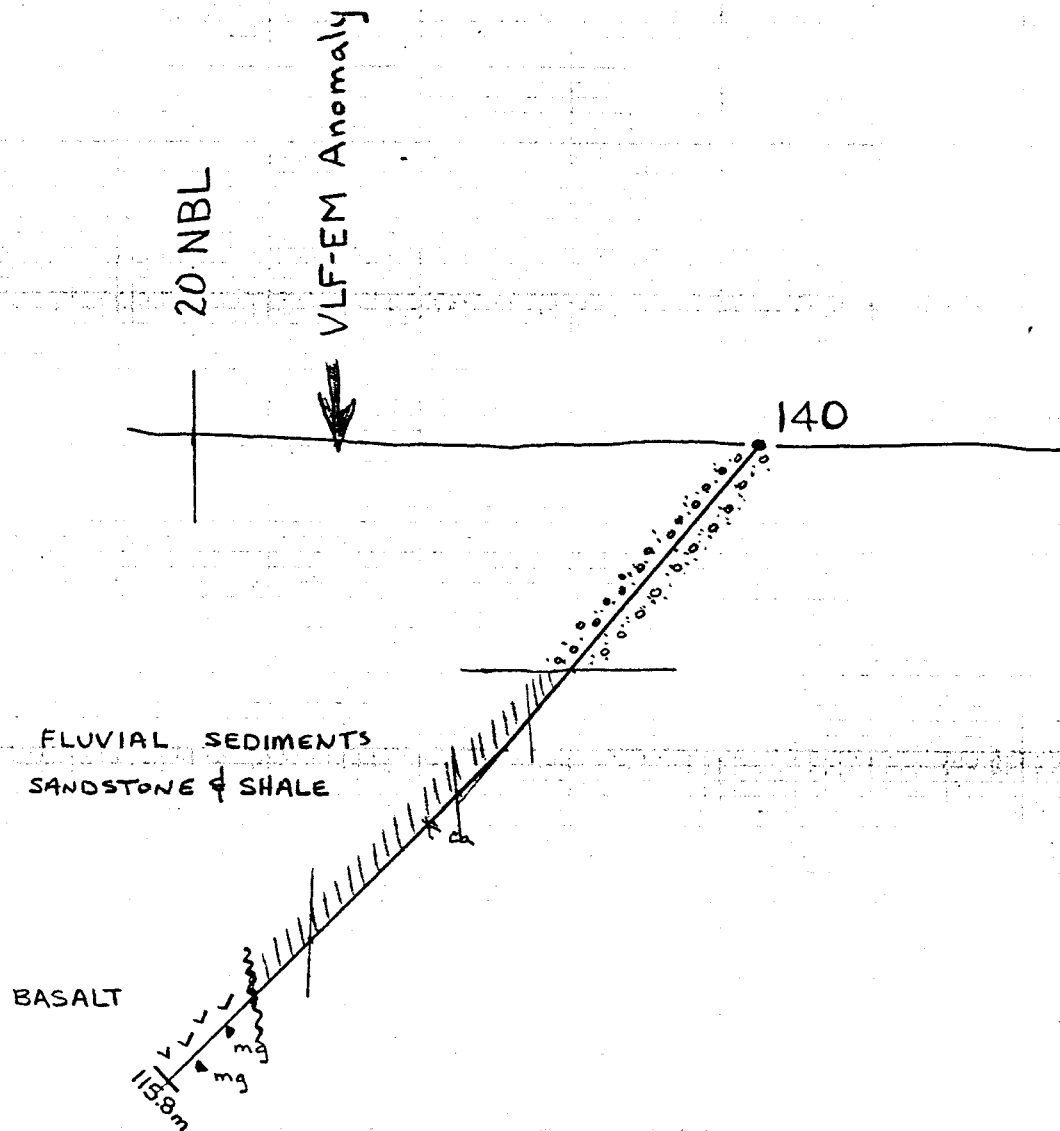
▲ mg magnetite
 ~ ca calcite stringers

CARLOS GOLD PROJECT

KM 400 GRID
 SECTION 94 W

LOOKING WEST

SCALE:
 1:1000



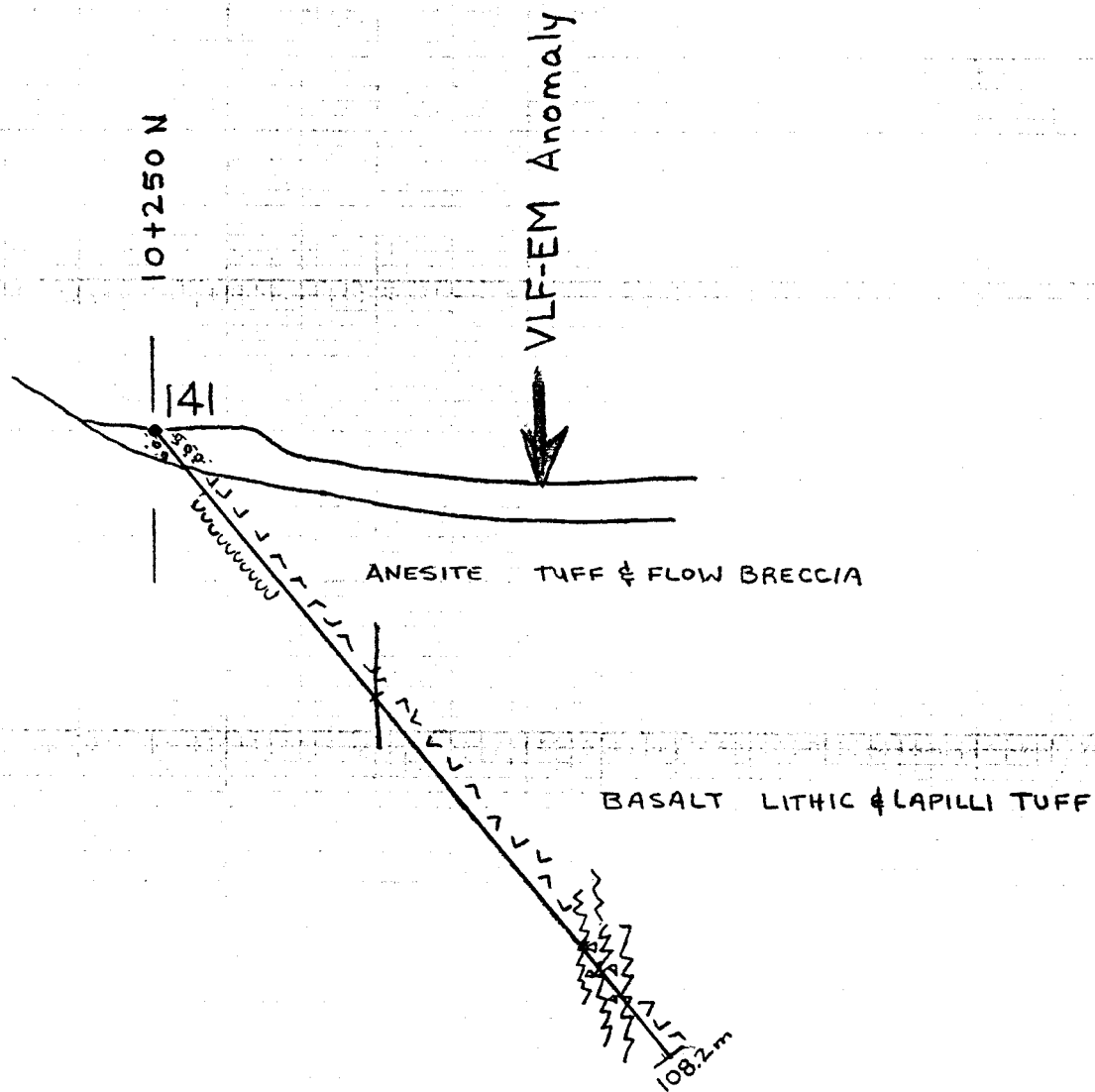
▲ mg magnetite
 λ ca calcite veining

CARLOS GOLD PROJECT

KM 395 GRID
 SECTION 56W

LOOKING WEST

SCALE:
 1:1000

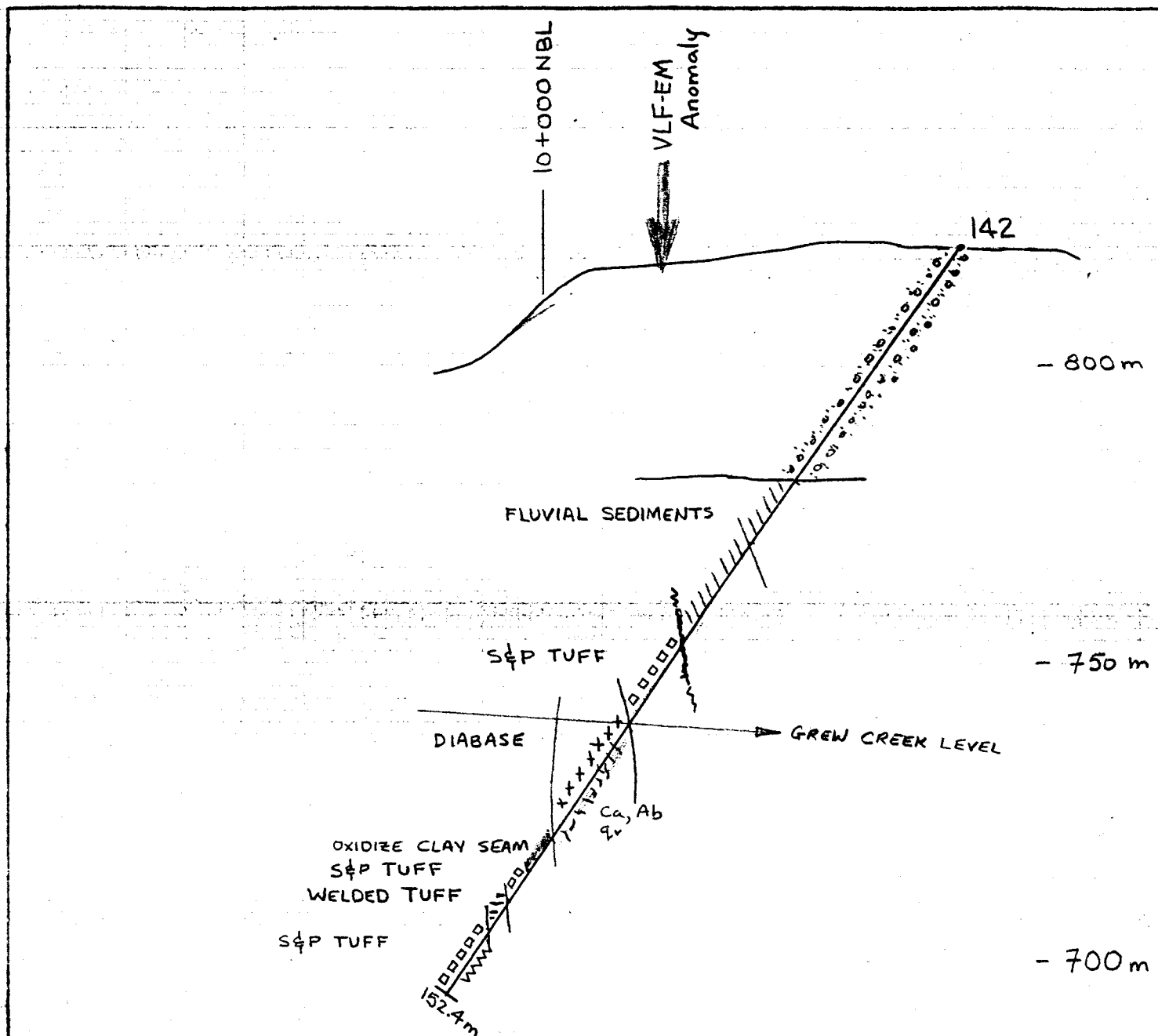


carbonate alteration

CARLOS GOLD PROJECT

GREW CREEK GRID
SECTION 9750 E

LOOKING WEST | SCALE:
1:1000



Ca, Ab
qv

Quartz-Carbonate vein
stockwork. Albitized

wavy line

clay alteration

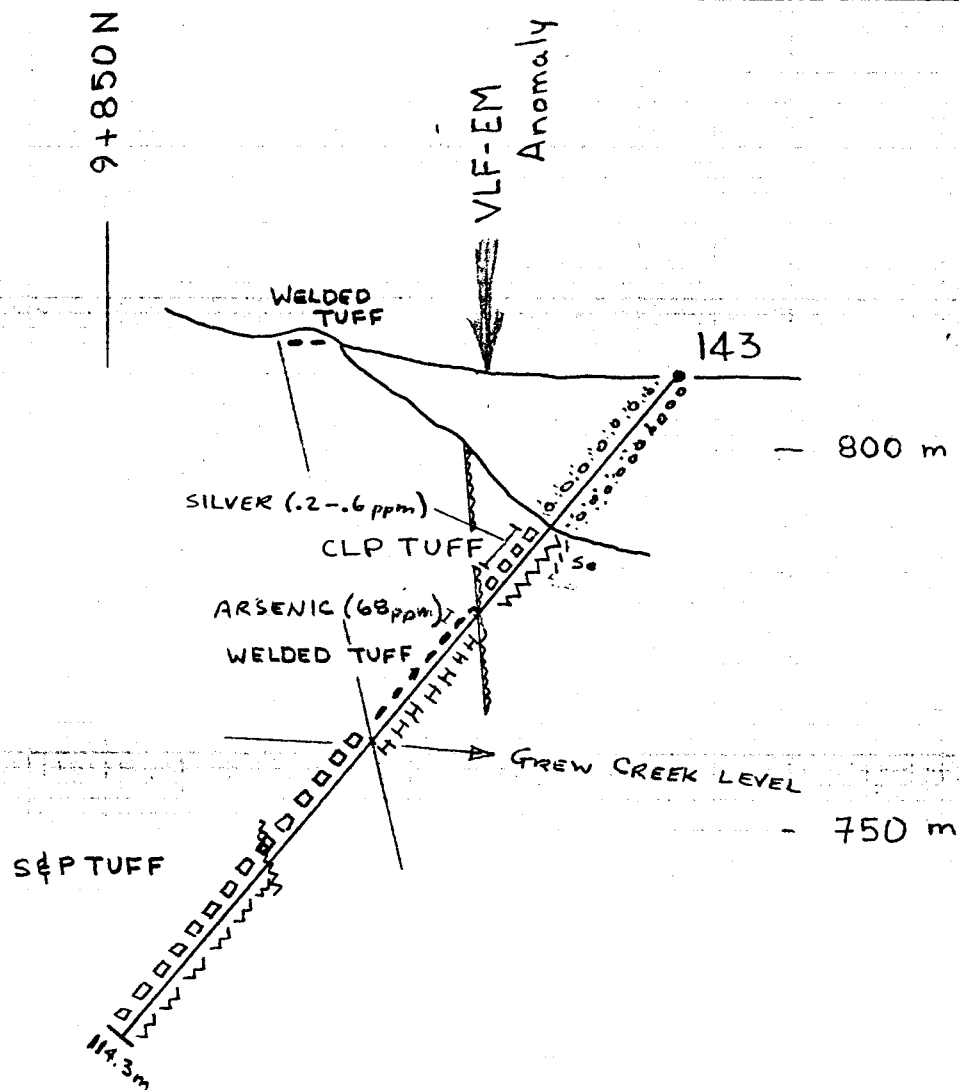
CARLOS GOLD PROJECT

GREW CREEK GRID

SECTION 10+550E

LOOKING WEST

SCALE:
1:1000



- ~ clay alteration
- ≡ Hematization
- ~ clay weathering

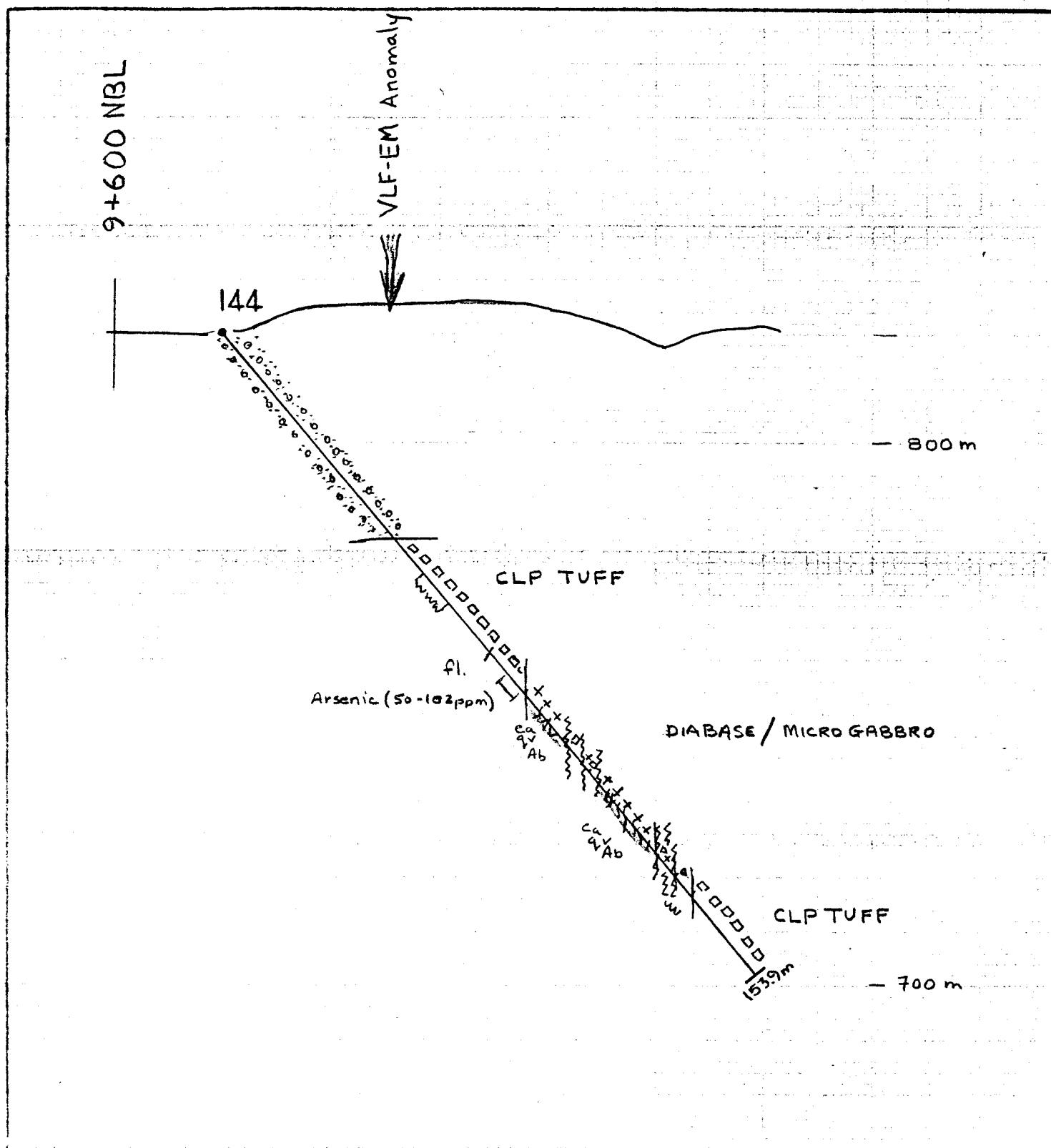
CARLOS GOLD PROJECT

GREW CREEK GRID

SECTION 10+850E

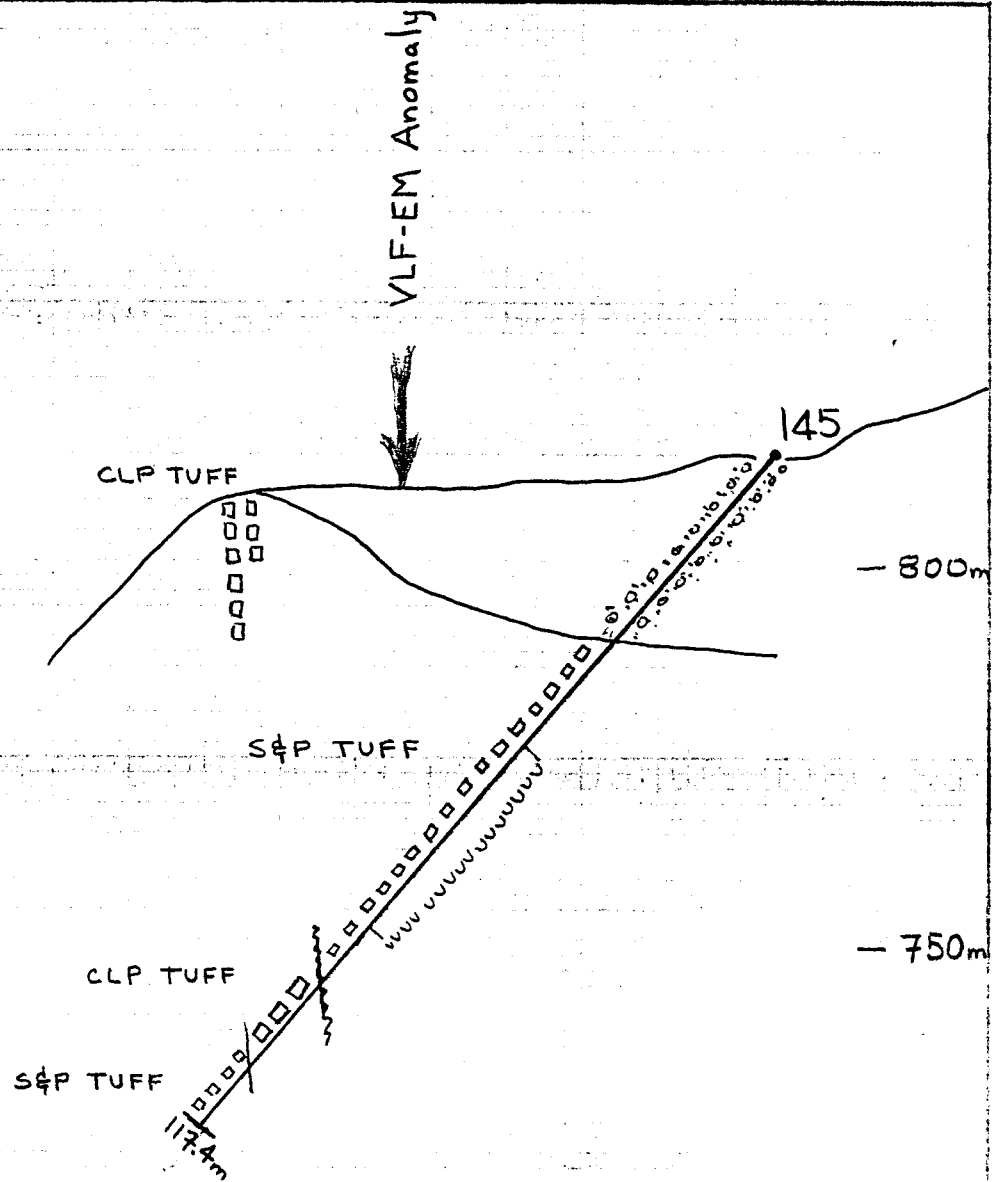
LOOKING WEST

SCALE:
1:1000



mm clay weathering fl fluorite veinlet ca qv Ab quartz-carbonate stringer stockwork Ab Albitization m carbonate alteration	CARLOS GOLD PROJECT	
	GREW CREEK GRID SECTION 10+900E	
	LOOKING WEST	SCALE: 1:1000

9+700 N



3 carbonate alteration

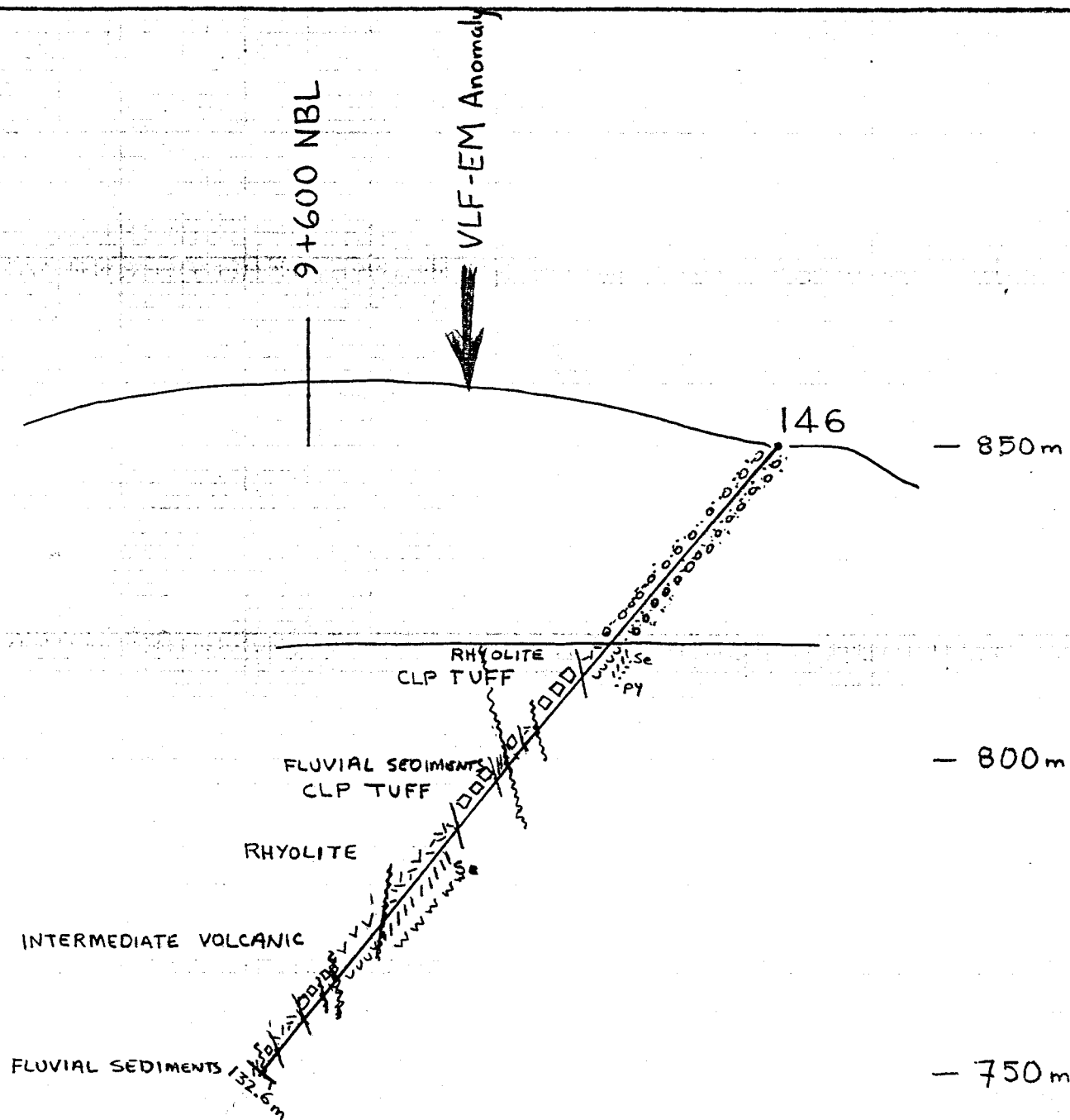
CARLOS GOLD PROJECT

GREW CREEK GRID

SECTION 11+300E

LOOKING WEST

SCALE:
1:1000



- carbonate alteration
- sericite alteration
- disseminated pyrite
- clay weathering

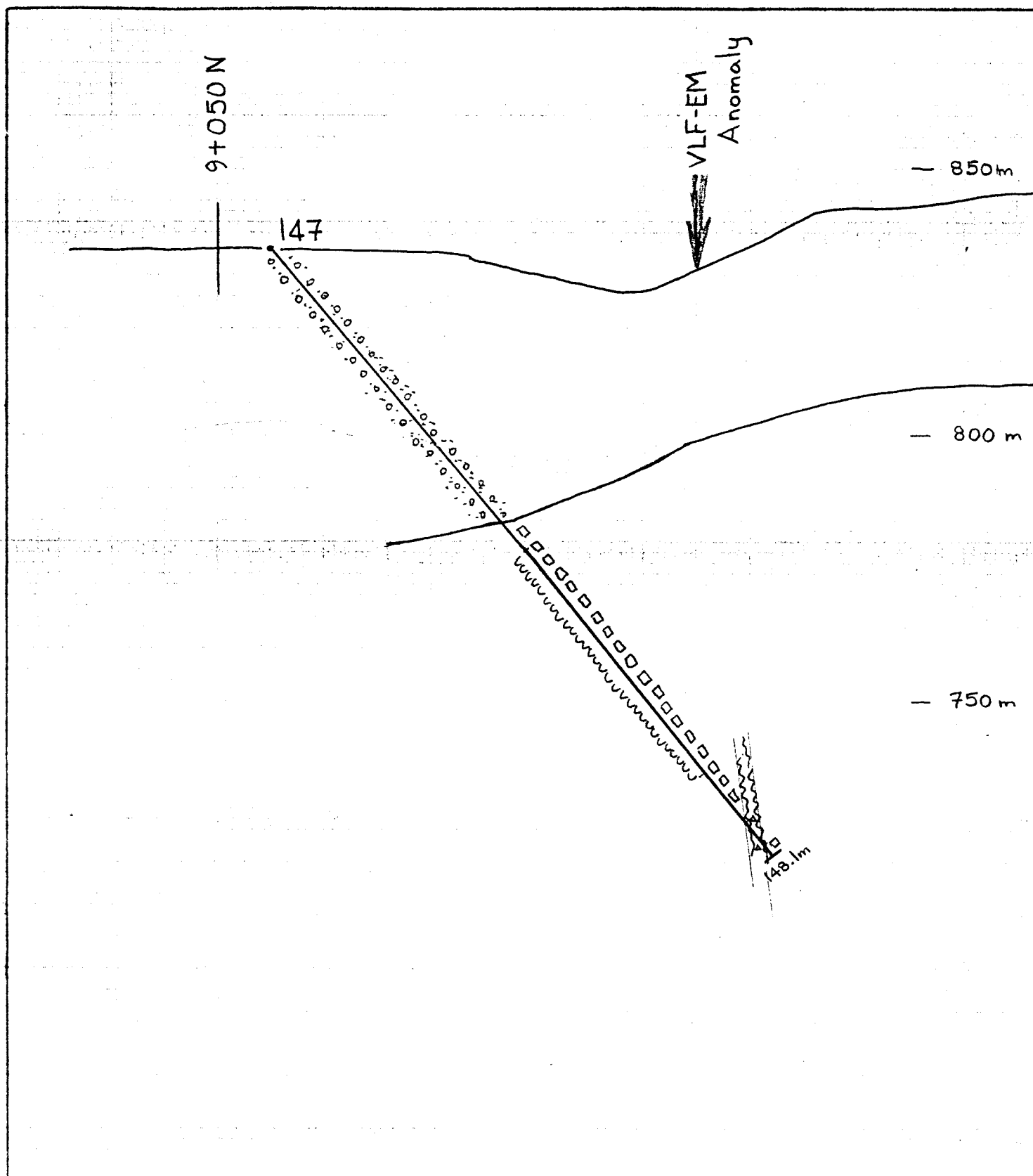
CARLOS GOLD PROJECT

GREW CREEK GRID

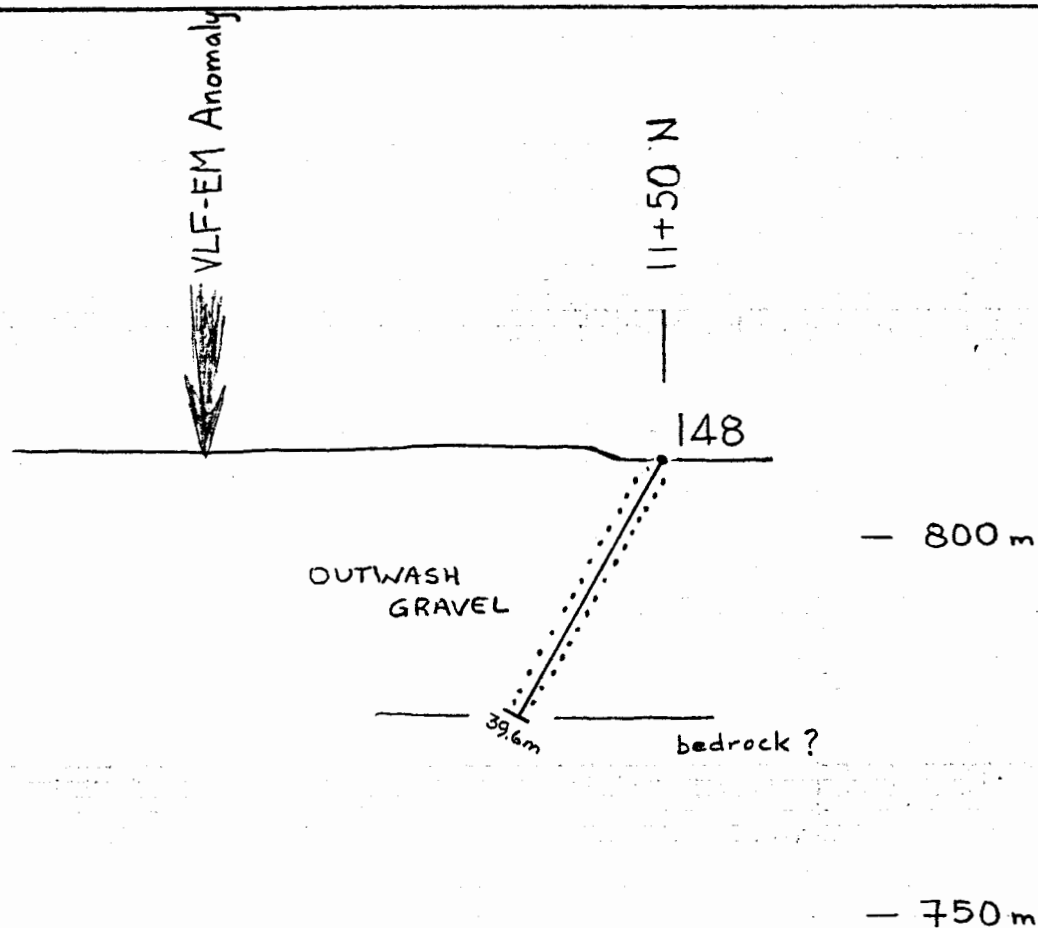
SECTION 11+800E

LOOKING WEST

SCALE :
1 : 1000



carbonate alteration	CARLOS GOLD PROJECT	
	GREW CREEK GRID	
	SECTION 11+600E	
LOOKING WEST		SCALE: 1:1000



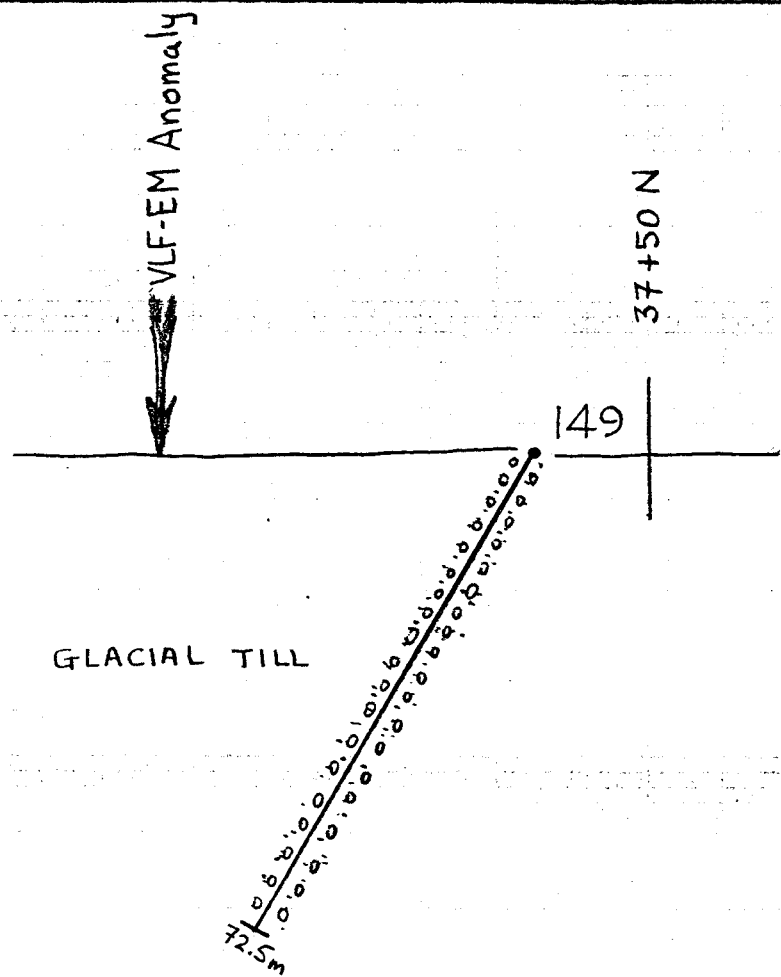
Hole tri-coned - not recoverable with diamond drill equipment.

CARLOS GOLD PROJECT

LAPIE RIVER GRID
SECTION 32+00E

LOOKING WEST

SCALE:
1:1000



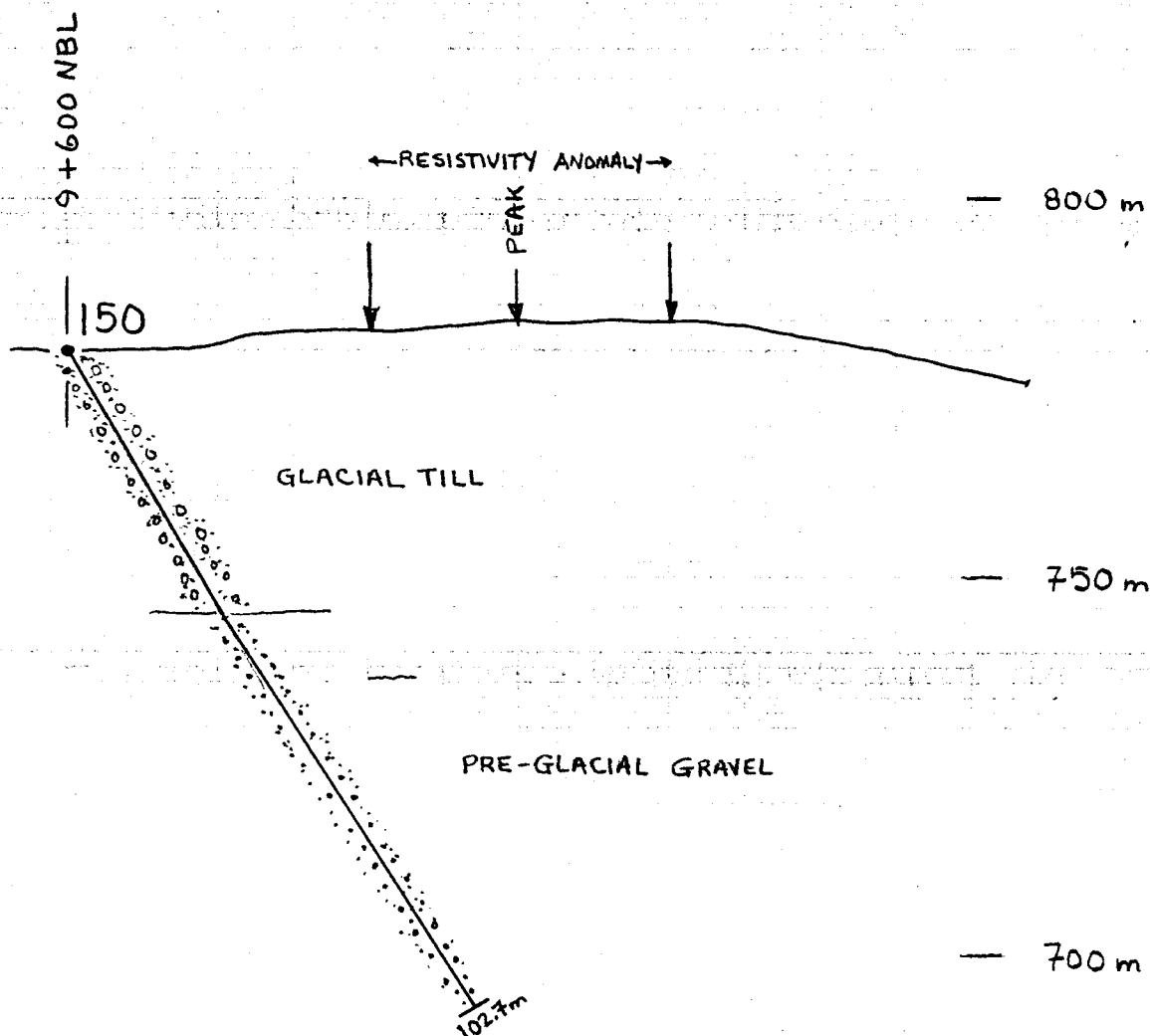
Hole abandoned. Rods broke off - bit lost.

CARLOS GOLD PROJECT

THREE FINGER LAKE GRID
SECTION 64+00 E

LOOKING WEST

SCALE:
1:1000



Hole abandoned before bedrock

CARLOS GOLD PROJECT

GREW CREEK GRID
SECTION 11+500 E

LOOKING WEST

SCALE:
1:1000

APPENDIX 3

DIAMOND DRILL HOLE

DESCRIPTIVE LOGS

DRILL HOLES 134 - 150

APPENDIX 3

CARLOS GOLD PROJECT DRILL HOLE LOGS

GEOLOGIC AND ALTERATION LEGEND

PLEISTOCENE

OVBN Overburden: poorly sorted, clay rich glacial till; numerous exotic boulders rounded to sub-angular in clay rich matrix. Or, preglacial gravel; rusty weathered sandy to pebbles of exotic composition recoveries very poor. Or, carbonaceous black organic deposits; locally coal beds at deeper levels.

EOCENE

SEDS Fluvial sedimentary rocks: moderately to poorly consolidated interbedded sandstone, conglomerate, argillite and coal. Light grey to black, moderately to poorly sorted sandstone and polymictic conglomerate with gradational contacts. Conglomerate is clast supported with sandy matrix. Sandstone massive to graded bedding and locally cross bedded. Argillite is fissile black mudstone to coaly deposits. Thin beds within the clastic graded sequence.

TUFF Felsic crystal tuff: otherwise identified as:

RHYT: felsic crystal or ash tuff with variable lithic or lapilli clasts.

S&P TUFF: salt and pepper texture of non-welded rhyolite crystal lithic tuff. Lithic clasts of uniform size ranging from 1-3 mm in crystal matrix.

CLP TUFF: rhyolite crystal lithic or lapilli pumice tuff. Distal facies poorly sorted with minor lapilli clasts predominant lithic clast and crystal tuff matrix. Proximal facies predominantly lapilli rhyolite and pumice fragments with minor dark crystal matrix.

WELDED RHYT: welded CLP tuff. Creamy grey to green pseudo-porphyry with rounded and broken white to grey "phenocryst" of calcite or rhyolite.

RHY RHYOLITE: massive fine grained grey rhyolite. Partially brecciated. Other types as follows:

RHYX: rhyolite breccia.

RHYP: rhyolite "quartz eye" porphyry. Smoky grey quartz phenocryst in fine grained creamy to white groundmass.

QPOR: quartz porphyry. As RHYP with larger more prominent quartz phenocryst.

FPOR: feldspar porphyry. Grey euhedral feldspar phenocryst in fine grained grey groundmass.

QFP: quartz feldspar porphyry. Grey quartz eye and feldspar phenocryst in creamy white groundmass.

IVOL INTERMEDIATE VOLCANICS: dark grey green lithic and lapilli tuff and tuff breccia.

AND: fine grained massive andesite flow rocks. Occasionally porphyritic or amygdaloidal.

MVOL MAFIC VOLCANICS: dark green to black locally chloritized mafic tuff and tuff breccia.

BSLT: fine grained massive to porphyritic dark green basalt flow or dyke.

DIABASE DIABASE/MICROGABBRO/DIORITE: equigranular fine to medium grained mafic intrusive rocks. Composed of plagioclase grains and 20-40 % amphibole crystals.

CONG CONGLOMERATE: very resistant, strongly lithified quartz pebble conglomerate. Massive bedded with interbeds of SST - sandstone and ARG - argillite. Conglomerate is clast supported with rounded to sub-angular clasts of quartz, sandstone, siltstone and rare volcanic and metamorphic rocks. Interbeds of coarse sandstone are gradational quartzose beds of medium thickness. Siltstone beds are black carbonaceous.

PALAEOZOIC

CPHY CHLORITIC SHEAR: well foliated heterolithic brecciated shear zone with chlorite rich matrix.

FLT FAULT ZONE: coarse heterolithic breccia in black carbonaceous clay matrix in conglomerate sequence or clay seams in volcanic rocks.

ALTERATION CODES:

S	SILICIFICATION:	W - weak, patchy M - moderate, along vein margins P - pervasive
A	ARGILLIC:	Ac - acid leaching F - feldspars selectively altered to clay P - pervasive clay altered
C	CARBONATE	W - weak, patchy local calcification M - moderate calcite of matrix or calcite altered "phenocrysts" P - pervasive alteration of matrix and calcite "phenocrysts". S - strong, highly effervescent with HCl.
Se	SERICITE	W - weak, patchy green alteration M - moderate alteration P - pervasive, bright green smectite alteration
Py	PYRITE	Percentage Tr trace 1 1 - 3 % 2 3 - 5 % 3 5 - 10 % 4 10 - 20 % 5 20 - 40 % Type D disseminated S stinger
Qv	QUARTZ VEINS	Number of veins or stringers.
T	Type or Total Alteration Classification	Ph phyllic QA quartz-adularia A argillic W clay weathering L local M moderate I intense
CR	Core recovery in %	

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 134		Grid: Km 410		Claim: CANYON 302 (YAB5407)		Page 1 of 14											
Depth: 121.9m		Coordinates - Northing 1450N		Bearing: GRID North		Date Started: June 27, 1993											
Angle: -50°		- Easting: 213+50W				Date Completed: June 30, 1993											
Core Size: HQ		Dip Tests: 45° @ 121.9m				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
0.00	36.20	OVBN															Coring glacial till from 12.2m. Glacial till made up of brown sandy clay with boulders to 30.5m. 30.5-36.20m Black carbonaceous (very low grade coal) with black shale, sandstone / conglomerate and volcanic pebbles.
36.20	44.20	RHYX															22° core angle on sharp contact which changes from black mud to light grey clay seams of altered and weathered rhyolite. Rhyolite is dark grey fine grained granodioritic with clay altered feldspar phenocrysts. Highly brecciated with fine clay seams along fractures.
			Ac				TR/D		P	36.20	37.60	1.40	545201	20	0.2		Clay seam from 36.2 - 37.6m. Approximately 35% core recovery. Trace disseminated fine pyrite crystals.
															8		
			F					S		37.60	39.00	1.40	5202	<5	<2		Large sub-rounded to angular rhyolite fragments (1-20cm) separated by bands of clay containing small (<1cm) rounded rhyolite fragments. Fragments of
															2		

Hole No. 134

Page No. 2 of 14

Footage		Rock Type	Alteration								Assays						Description	Page No.	2 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
																	quartz-adularia veinlets (<1cm thick) occur at 37.8m, 38.3m, 38.7m and 38.95m. These occur within the clay band "matrix" sections of core. The veinlet fragments are up to 10 cm long but average 1-2cm. The matrix contains fine calcite fragments and is weakly calcareous. The quartz-adularia fragment at 38.3m is broken but occurs within a rhyolite breccia fragment. Scattered blebs of bright green alteration/ weathering and sparse fine pyrite grains occur in the matrix bands. Core Recovery 95%.		
				F	W				2	L	39.00	39.50	0.50	545203	<5	2.2	2 Brecciated grey rhyolite with quartz-adularia veinlets. The veinlets are enveloped by an anisotropic pale grey brown alteration (possibly silicification). Veinlet at 39.15m is 0.5cm wide and has a 30° core angle. The alteration envelope extends 1cm on either side of the veinlet and is cut off by a matrix seam of clay and rounded rhyolite fragments. From 39.10-39.40m a broken but continuous quartz-adularia stringer and alteration envelope sub-parallel to the core axis.		
											39.50	40.20	0.70				Clay seam with broken fragments of dark grey and grey brown rhyolite, less than 5% core recovery.		

Hole No. 134

Page No. 3 of 14

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
				F				/	L	40.20	41.45	1.25	545204	20	<2 2	Grey rhyolite breccia with narrow clay seams and partings. Rhyolite fragments partially altered. Quartz-adularia stringer fragments finely banded and/or brecciated up to 2cm wide. Rhyolite breccia fragments contain chalky white mineral on partings which do not fizz with HCl and feel talcose. 80% core recovery.
				F					L	41.45	42.20	0.75	-5205	<5	<2 2	Rhyolite breccia fragments with chalky white mineral coatings. 10% core recovery.
				F					L	42.20	43.00	0.80	-5206	<5	<2 2	Rhyolite breccia fragments (angular) with chalky white mineral coatings. Very fine white stringers with weak alteration envelope. Green alteration mineral in blebs. Rare quartz-adularia stringer fragments of less than 1cm. 25% core recovery. 1-10 cm long piece of core, remainder in small (<1cm) fragments.
				F					L	43.00	44.20	1.20	-5207	<5	<2 2	Dark grey fine grained rhyolite breccia fragments with chalky white mineral coatings. Light brown alteration enveloping very fine stringers. Local blebs of bright green alteration mineral. Core broken with fragments of 1-7cm. 1 piece of core at 7cm remainder is made up of small fragments. 50% core recovery.

Page No. 3 of 14

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
				Ac		M	1/0		P	50.00	51.25	1.25	-5213	115	0.6	Clay and fine quartz porphyry fragments. 15% core recovery.
				Ac		M-P	1/0 1/5		P	51.25	53.20	1.95	-5214	20	<2	Brecciated quartz eye porphyry. Pale greenish cream color. Acid leached grey clay seams and stringers. Earthy pyrite seam at 53m @ 50° core angle. Grey clay seam sub-parallel core axis from 52.5-52.75m. Quartz-eye phenocrysts in medium grained felsic ground mass. 75% core recovery.
				Ac		M	1/0		P	53.20	54.85	1.65	-5215	10	<2	Quartz porphyry breccia. Fine breccia with pervasive clay seams. Fine dark grey wispy clay seams @ 65-80° core angles. 90% core recovery.
				Ac		W-M	1/0 1/5		P	54.85	56.40	1.55	-5216	<5	<2	Quartz porphyry breccia. Fine-coarse breccia with clay matrix along fine partings or seams. Elongate clust of earthy pyrite at 55.1m. Fine dark clay seams at; 55.2m @ 30° core angle and 55.4m @ 47° core angle. 90% core recovery.
				Ac		W	T/D		P	56.40	57.90	1.50	-5217	<5	<2	Finely brecciated quartz porphyry with major clay content. Fine dark grey, wispy, clay seam sub-parallel to core axis @ 57.8m. 40% core recovery.

Footage		Rock Type	Alteration											Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
				Ac						P	57.90	59.10	1.20	5218	10	4.2	Quartz porphyry breccia with clay matrix. Coarse grained, porphyry pieces, 8.5% coarse recovery.		
										P	58.10	60.00	0.90	5219	2	4.2	Quartz porphyry breccia. Breccia forms weak stibnite & fine fracture. 90% coarse recovery.		
										P	60.00	61.00	1.00	5220	0.2	0.2	Quartz porphyry. Matrix content has increased. Breccia is weak. Mild alteration and breccia.		
				Ac						P	61.00	61.60	0.60	5221	2	4.2	Quartz porphyry breccia with clay matrix. Fine dark grey clay seams. Quartz breccia. Iron clasts at 61.40 m. 95% coarse recovery.		
61.60	64.60	FDR															Feldspar porphyry. Dark grey fine grained ground mass with scattered fine white feldspar phenocrysts. 5-10% white to pink irregular quartz - calcite vein fragments deformed and broken throughout the in hand; irregularly distributed. Clay seams at upper contact.		
				F	W					L	61.60	63.10	1.50	5222	4	4.2	Dark grey feldspar porphyry with 5% quartz - calcite vein fragments. Less than 1 cm thick & 3-4 cm lengths. Fine breccia waste in some fragments. 75% coarse recovery.		

Hole No. 134

Page No. 7 of 14

Footage		Rock Type	Alteration							Assays					Description	Page No.	7 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
				F	W				L	63.10	64.00	0.90	-5223	<5	28	Feldspar porphyry. 10% quartz-adularia vein fragments and broken stringers. Fragments from 1-2 cm wide. Weak alteration envelopes adjacent to some fine stringers. 99% core recovery	
				F	W				L	64.00	64.60	0.60	-5224	<5	10	Feldspar porphyry with 3% quartz-adularia vein fragments and broken stringers. Continuous stringers at 64.10 m with 60° core angle. 100% core recovery.	
64.60	72.10	QPOR														Quartz porphyry breccia. Acid sulphate leached with clay matrix. Light creamy greenish colour. Strong pervasive sericite alteration accompanied by disseminated pyrite crystals.	
				F/Ac		m	Tr/D		P	64.60	65.50	0.90	-5225	55	54	Quartz porphyry breccia with clay partings and seams. Fine disseminated pyrite crystals. Wispy dark grey clay seams. 35% core recovery	
				Ac		m	1/D			65.50	67.00	1.50	-5226	10	26	Acid leached quartz porphyry breccia with clay matrix in fractures. Some dark grey fine seams at irregular core angles. 90% core recovery	
				-		W	-		-	67.00	67.70	0.70	-5227	20	18	Quartz breccia. White quartz fragments recovered. 2 pieces of core 7 and 9 cm remainder fine fragments. 25% core recovery. Rare pyrite crystals.	

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
				Ac		M	1/D		P	67.70	68.90	1.20	-5228	<5	4.2	Quartz porphyry breccia. Light clay and dark grey fine seams in acid leached zone. 95% core recovery.
															42	
				Ac		M	T/D		P	68.90	70.10	1.20	-5229	<5	4.2	Highly brecciated quartz feldspar porphyry. Leached zone with clay seams as matrix to breccia fragments. Wispy fine dark grey clay seams. Feldspar porphyry clasts of 10 and 15cm. 100% core recovery.
															44	
				Ac		m-P	1/D		P	70.10	71.60	1.50	-5230	15	4.2	Quartz porphyry breccia. Several clasts up to 10cm of dark grey quartz - feldspar porphyry in the breccia. Matrix is made up of light cream coloured clay as seams and along partings. Very fine bright crystals of pyrite disseminated through the breccia. Breccia fragments are fine to medium in size. 100% core recovery.
															50	
						m-P	T/D		P	71.60	72.10	0.50	-5231	45	4.2	Quartz porphyry breccia. 100% core recovery.
															60	
72.10	77.00	QFP														Light creamy white coarse grained quartz feldspar porphyry. Coarse grey quartz eyes and light coloured feldspar phenocrysts in medium grained groundmass. Sharp upper contact @ 55° core angle. Lower contact broken estimate 30° core angle.

[illegible]

Footage		Rock Type	Alteration							Assays					Description	Page No.	13 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
					W					95.70	96.40	0.70	-5249	<5	<2	Feldspar porphyry. Weak carbonate alteration. Lower section of intercal core is very broken and clay rich breccia. Lower contact is indistinct and irregular. 100% core recovery	
96.40	108.90	SHEARS														Well foliated heterolithic fault breccia shear zone. Dark grey green to black well foliated matrix with fragments of feldspar porphyry, limestone (calcite), and quartz. Clasts are up to 70cm. Foliation is irregular, deformed and highly variable. Local sections are pale clay rich or dark graphitic rich. Quartz fragments are most abundant to 101.8m. Calcite or limestone fragments in olive green colored section (mafic volcanics) from 102.5m. This is probably basement material (Paleozoic). 101.80 - 102.50 m is a quartz feldspar porphyry clast with quartz-adenularia stringer fragments 100% core recovery.	
					W					101.80	102.50	0.70	-5250	<5	<2	Grey brown feldspar porphyry clast with 2% quartz-adenularia stringer fragments up to 4cm long but less than 1cm thick. Black graphitic contacts @ 80° (upper) and 40° (lower). Foliation core angles of 70° @ 98.5m, 40° @ 99.5m, 45° @ 104.7m and sub-parallel to core @ 108.0m.	

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 135		Grid: Km 410		Claim: CANYON 302 (YAB5407)		Page 1 of 4										
Depth: 69.5 m		Coordinates - Northing 2+25N		Bearing: GRID NORTH		Date Started: June 30, 1993										
Angle: -55°		- Easting: 217+00W				Date Completed: July 2, 1993										
Core Size: HQ		Dip Tests: 54° @ 69.5m				Logged By: R. Strashein										
Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
0.00	15.85	OVBN														Overburden; boulders, sand and gravel. Boulders of hornblende diorite, chlorite porphyry, limestone, quartz - carbonate breccia, siltstone and sandstone
15.85	17.68	MVOL						Tr/D		15.85	17.68	1.80	545251	25	4.2	Greyish green mafic to intermediate volcanic rock fragments in chloritic green clay. Surface weathering. Rock fragments are less than 1 cm, coated with carbonate. The rock fragments are generally calcareous. 50% core recovery. This may be a boulder within the fill.
17.68	26.37	TILL														Glacial till with pebbles to boulders of sandstone/conglomerate, altered volcanics and siltstone/sandstone. The lower contact is arbitrary based on increased carbon content of underlying unit and appearance of graphite along slip surfaces. The matrix of the till is a dull brown grey color. When dry the core forms mud cracks. Rock samples from this interval are of altered volcanic boulders in the till.

Hole No. 135

Page No. 284

Footage		Rock Type	Alteration							Assays					Description	Page No. 2 of 4
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		
				Ac			Tr/D			20.50	22.00	1.50	-5252	25	<2	Garen: intensely altered quartz - lellaspan porphyry boulder.
															24	
				Ac		m	Tr/D			23.15	24.00	0.85	-5253	15	<2	Intense, altered / leached quartz porphyry.
															30	
26.37	64.00	FLT														Heterolithic fault breccia with black carbonaceous to graphitic fine grained matrix. Pebbles to boulders consisting of conglomerate, volcanic rocks, argillite and Gneiss. The unit resembles the glacial till deposits but is separated on the basis of the coaly nature of the matrix material.
				W				I		31.00	32.50	1.50	-5254	25	<2	Dark grey fine quartz porphyry. Brecciated. Quartz phenocrysts are fine dark grey in a pale greenish grey fine grained matrix. The brecciation is intense producing fine fragments and very broken core. White talcose powder along the fracture surfaces. Minor fine broken stringers of fine grained quartz at approximately 32.0m accompanied by weak alteration (silicification) this looks like a boulder within fault breccia. Core angle of 55° on upper contact and lower contact is broken. Talcmaceous clay at contacts. 100% core recovery.

Hole No. 135

Page No. 3 of 4

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	755 3 of 4
																	34.25m - 30cm boulder with sandstone/siltstone contact
																	36.10 - 36.85m muddy brown matrix (similar to till) with sandstone, siltstone and argillite pebbles and boulders. Upper contact to 33° core angle.
																	37.00 - 47.15m Quartz pebble conglomerate and sandstone boulders are predominant with less fine black carbonaceous matrix material (5-10%). 45.6m - 10cm angular boulder of quartz pebbles with fine streakwork of quartz-adamantine stringers. Stringers are discontinuous and less than 0.5cm wide. Other stringers occur within the conglomerate and sandstone fragments. 46.08 - 46.50m large grey green volcanic clast. The sample interval includes volcanic and conglomerate boulders as well as carbonaceous matrix material. These boulders contain the fine stringer streakwork material.
											45.40	46.60	1.10	-5255	<5	18	
																	47.15m Matrix dominant over boulder content.
																	48.30 - 50.00m Strong carbon rich coaly section with black argillite fragments. Abundant shiny graphite on slip surfaces. Weak foliation later from sub-parallel core

[illegible]

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No: 136		Grid: Km 410		Claim: CANYON 221 (YA81340)		Page 1 of 6											
Depth: 108.2 m		Coordinates - Northing 3425 N		Bearing: GRID South		Date Started: July 2, 1993											
Angle: -50°		- Easting: 214400 W				Date Completed: July 4, 1993											
Core Size: HQ		Dip Tests: 51° @ 106.7 m				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
0.00	19.10	OVRN															Glacial till; boulders clay and sand. Near bedrock locally derived boulders in black carbonaceous clay.
19.10	26.75	SST															Broken bedrock fragments and boulders of coarse sandstone, conglomerate, siltstone and shale with interstitial carbonaceous mud seams.
									3	23.80	24.80	1.0	545256	45	212	16	Fine stringers of quartz running sub-parallel to core axis. Quartz forms in filling of lens in gashes. Core broken. 75% core recovery.
26.75	77.60	CONG															Dark grey coarse clastic sedimentary rocks. Coarse sandstone, pebble conglomerate and interbedded block argillite in beds of 10-20 cm. Conglomerate pebbles are commonly angular and composed of quartz, chert, siltstone, argillite, well laminated shale, metamorphic schists, altered volcanic fragments, limestone and rare coal. Units are massive bedded. Conglomerate is predominant to 39.7 m with siltstone/sandstone.

Hole No. 136

Page No. 2 of 6

Footage		Rock Type	Alteration								Assays					Description	Page No. 2 of 6	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																	beds predominant to 59.5m. Coarse conglomerate and sandstone continue to 76.1m. Core angle of 70° on weak bedding at 35.2m in sandstone bed. Soft sediment deformation from 40.4- 42.5m. Billed bedding and lead casts. Core recovers average 95% except between 44.20- 50.75m where recovery average less than 20%. This includes sections of extremely broken core with no pebbles recovered over 0.5- 1.0m intervals.	
									1		57.90	58.50	0.60	-5257	10	1.2	6	1cm quartz vein running sub-parallel to core axis. Very finely banded. Hosted by coarse poorly sorted sandstone.
									4		58.50	59.75	1.25	-5258	15	1.2	4	Fine stringers sub-parallel to 30° core angle with core axis in interbedded siltstone, sandstone and conglomerate. Beds of 10-40cm. Core angle 40° on bedding.
											61.80	62.50	0.70	-5259	15	1.2	14	Fine quartz stringer stockwork sub-parallel core axis in coarse grained sandstone. Coarse fragments of earthy coarse grained pyrite at start of interval.
									5		65.30	66.80	1.50	-5260	15	1.2	8	5 narrow quartz stringers (<1cm) cross cut conglomerate @ 30° core angles. 100% core recovery.

Hole No. 136

Page No. 3 of 6

Footage		Rock Type	Alteration								Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		3 of 6
																	67.06 - 67.42 m Black siltstone fragments with shiny graphite on slip surfaces
																	69.00 - 69.50m black siltstone and shale fragments elongate along core axis with graphitic matrix and partings. Lower contact with conglomerate @ 80° core angle
																	71.50 - 73.95m black shale and siltstone fragments with graphitic partings. Chaotic orientation of fragments. Lower contact at 80° core angle.
																	73.40 - 74.41 m siltstone, shale and coarse sandstone grading to conglomerate.
									7		74.00	76.10	2.10	-5261	<5	4.2	7 Scattered quartz stringers in coarse sandstone/conglomerate. Minor weathering (leaching?) of conglomerate from 74.50 - 75.10m. The quartz stringers are in part weakly banded and composed of light blue grey fine grained quartz.
																6	
																	76.10 - 76.95 m broken sandstone, shale and conglomerate, interbedded beds ranging from 5-15cm thick
																	76.95 - 77.60m sheared black graphite zone core broken. 75% core recovery

Hole No. 136

Page No. 486

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	4 of 6
77.60	108.2	FLT															Bedrock is coarse sandstone and pebble conglomerate with narrow interbeds of black shale/siltstone. Bedrock is increasingly broken at depth with block crustaceous clay (mud) along irregular and chaotic fractures. Mud seams increase in size and abundance at depth. Exotic boulders or fragments such as altered and veined felsic volcanic rock occur at 97.25m. These may be breccia boulders in the fault zone or clasts from the conglomerate. Graphitic contacts indicate the former.
											79.05	80.75	1.70	-5262	<5	4.2 4	Weathered conglomerate with fine quartz fragments and a (1-2cm) stringer sub-parallel to the core. Fractures with black mud seams. The interval is bounded by mud seams with fine rounded siltstone pebbles.
											82.70	83.80	1.10	-5263	<5	4.2 6	Coarse light grey sandstone with intermittent fine quartz stringer stockwork. Upper contact on graphitic seam at 25° core angle.
											83.80	85.30	1.50	-5264	<5	4.2 18	Quartz stringer stockwork continued. Core becomes increasingly broken with mud seams. Weathering increases with degree of fracturing. 100% core recovery.

Hole No. 136

Page No. 5 of 6

Footage		Rock Type	Alteration								Assays					Description	Page No.	5 of 6
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																	86.90 - 91.00m Conglomerate fragment, sandstone with black carbonaceous mud matrix. Good core recoveries. Fractures are irregular and chaotic. No obvious preferred orientation.	
																	91.00 - 97.20m Grey speckled coarse sandstone to conglomerate. Good solid bedrock with only minor fractures. Graphite occurs on rare slip surfaces.	
																	91.85-92.05m 4 white calcite stringers at 60° core angle in sandstone. Minor breaks and offsets along stringers.	
					m						9720	9830	1.10	-5265	<5	L.2	Brownish grey fine grained feldspar porphyry. White phenocrysts and vein fragments of feldspar and/or calcite. Moderate carbonate alteration. Upper contact ground out; lower contact irregular with sandstone pebbles in a black carbonaceous matrix.	
					m				3		9925	10050	1.25	-5266	<5	L.2	Brownish grey fine grained felsic (feldspar porphyry) rock. Moderate carbonate alteration. 10-15% calcite vein fragments within the rock. Upper contact irregular with black graphite. Lower contact sharp irregular contact quartz rich sandstone. Pore-like intrusive appearance. Contains 3 fine quartz stringers.	

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Footage		Rock Type	Alteration								Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																101.00-102.19m Black carbonaceous mudstems with weathered conglomerate and sandstone cobbles and pebbles.	
				Ac						103.00	103.70	0.70	-5267	<5	1.2 8	Intensely altered and leached boulder of quartz porphyry. Creamy pale green colour. Bound by graphitic mud seams.	
										105.90	106.80	0.90	-5268	<5	1.2 12	Brownish green altered brecciated felsic volcanic boulders. Bound by irregular graphite partings. Quartz-carbonate fragments and lime stringers throughout. 1 cm vein at 106.7m with 70° cord angle.	
																Remainder of hole is small fragments of siltstone and sandstone in carbonaceous muddy matrix. Fault breccia zone.	
	108.2	EOH														End of hole.	

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 137		Grid: Km 410		Claim: CANYON 221 (YA81340)		Page 1 of 11											
Depth: 140.5m		Coordinates - Northing 2150N		Bearing: GRID S		Date Started: July 4, 1993											
Angle: -60°		- Easting: 212+00W				Date Completed: July 8, 1993											
Core Size: HQ/NQ		Dip Tests:				Logged By: R. Strassheim											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	9.45	OVBN															Black carbonaceous clay and boulders of sandstone or pebble conglomerate
9.45	11.70	CLAY															Massive pale grey green clay zone with black carbonaceous band at 10.50m. Zone ends with brownish black clay from 11.23-11.70.
										9.45	11.20	1.75	545269	25	2.2	22	Grey green clay zone with pebbles of quartz, siltstone and sandstone.
										11.70	11.70	0.50	-5270	25	2.2	22	Black carbonaceous clay zone with sandstone pebbles
11.70	16.05	DYKE															Intermediate dyke. (Altered basalt?) Brownish grey to grey green fine grained brecciated dyke. Unit is broken with clay seams or clay along fracture partings. Quartz-calcite stringer fragments within the breccia.
										11.70	12.50	0.80	-5271	25	2.2	2	Breccia with 5-10% quartz-calcite stringer fragments. Stringer fragments up to 0.5cm thick and 2cm long. 75% core recovery.
										12.50	14.00	1.50	-5272	25	2.2	22	Fine grey breccia. Locally quartz fragments are abundant. Refractured breccia with grey green clay in seams or interstices.

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Hole No. 137		Page No. 3 of 11	
Description		Assays	
		Ag	Au
		ppm	ppb
		No. Sample	Width (m)
		To (m)	From (m)
		T	Qv
		Py	Se
		C	A
		S	
Rock Type		Alteration	
QPDR			
Footage			
From (m)			
To (m)			
69.49			
75.00			

60	42	-5275	418	0.90	7040	6950	P	m	1/4	P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Hole No. 137

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Footage		Rock Type	Alteration							Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
						m-P	1-2/D	1	P	70.40	71.90	1.50	-5276	130	<12	Quartz porphyry breccia. Bright fine to coarse pyrite crystals. Grey clay seam at 70.5m with 45° core angle. 0.2cm quartz stringer at 71.80 @ 20° core angle. Permineralized fracture stockwork with pale creamy white clay throughout the interval (galer?)
						m-P	1/D	1	P	71.90	73.50	1.60	-5277	50	<12	Green creamy white quartz porphyry breccia. Strongly altered and leached. 30° core angle on quartz veinlet at 72.22m. Fine grey clay seams at 72.32m (60° core angle), 72.45m (55° core angle), 73.20m (55° core angle), 73.30m (30° core angle) and 73.45m (35° core angle); all with different relative orientations.
							T/D			73.50	75.00	1.50	-5278	15	<12	Green creamy white quartz porphyry breccia. Phyllic alteration, locally acid leached. Fine grey clay seams at 73.85m (2-35° and 50° core angles), 73.83m (60° core angle), 74.20m (60° core angle), 74.82m (30° core angle) and 74.95m (55° core angle) all have different relative orientations. Acid leaching of last 30 cm of interval.
75.00	80.15	QFP														Brecciated, tan grey fine grained quartz-illdopar porphyry. Phenocrysts of grey quartz and buff illdopar in very fine grained tan grey groundmass. Adularia and quartz vein fragments with minor calcite on contacts. Locally

Hole No. 137

Page No. 507 II

Footage		Rock Type	Alteration								Assays					Description	Page No. 508 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	strongly leached with high clay seam content.
				Ac				2		75.00	76.70	1.70	-5279	24	40		Clay seam at upper contact. Clay content increases. 10cm piece of core (remains highly broken) between 76.50-76.75m which contains continuous but irregularly broken quartz-adularia stringers 0.5-1cm wide which form a broad stockwork pattern.
				Ac						76.70	78.20	1.50	-5280	25	52		Tan green quartz-feldspar porphyry breccia. Intense acid leaching. Broken quartz-adularia veinlet fragments locally up to 5% of unit. 100% core recovery.
										78.20	79.55	1.55	-5281	25	28		Tan green quartz-feldspar porphyry breccia. Rounded feldspar phenocrysts. Clay rich breccia medium size fragments (2-4cm). 95% core recovery.
										79.55	80.15	0.60	-5282	25	18		Quartz-feldspar porphyry breccia. Clay rich, fine to moderate breccia fragments. Clay altered feldspar fragments. Rare coarse quartz porphyry fragments. 100% core recovery.
80.15	115.90	CPHY															Heterolithic breccia zone with green chloritic matrix. Locally well foliated. Fragments of fine grained quartz, feldspar porphyry, porphyry breccia, quartz, calcite, and graphite. Clast size highly variable from very fine (less than 0.5cm) to large (30cm). Fragments are rounded to sub-rounded.

Footage		Rock Type	Alteration								Assays					Description	Page No. 9 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	shiny graphite on slip surfaces or in narrow seams. Spongy lead to chloritite surfaces. 60° core angle on foliation at 101m. 100% core recovery.
											102.40	103.90	1.50	-5300	<5	<12	Grey green chloritite mud. Locally weak foliation. Occasional black graphitic clay seams. Rounded pebbles of rhyolite and quartz (less than 2cm) 95% core recovery.
											105.90	105.50	1.60	-5301	<5	<12	Grey green chloritite shear zone. Large clasts (up to 20cm) of grey rhyolite with 1-3cm seams of chloritite mud which is locally, weakly foliated. Rare quartz fragments up to 3cm. Shear surface at 35° core angle at 104.5m. 100% core recovery.
											105.50	107.00	1.50	-5302	<5	<12	Green chloritite mud, weakly foliated with fine fragments (less than 1cm) of rhyolite and quartz. Foliation and slip surfaces at shallow core angles (10°-30°). 95% core recovery.
											107.00	108.50	1.50	-5303	<5	<12	Dark grey shear zone to 107.5m, core is very broken up after made up of fragments of brecciated tan grey rhyolite porphyry. Core pieces are small with occasional pieces up to 8cm. Fine calcite stringer stockwork within the rhyolite porphyry fragments. 50% core recovery for 107.5-108.5m.

Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
																	fragments. Fine grained tan grey rhyolite porphyry. 60% core recovery; 12cm is longest piece recovered.
115.90	121.90	COAL															Black carbonaceous bed. Low grade cumbly coal with high reflectance in narrow bands of shiny graphite. Occasional siltstone fragments.
121.90	140.5	FLT															Graphitic fault zone. Fine to coarse (pebble boulders) of grey carbonaceous coarse clastic sediments (siltstone and sandstone) in dark graphitic mud seam matrix.
																	129.7-133.0 m Coal seam with 10% shale and sandstone fragments.
	140.5	EDH															End of Hole.

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 138		Grid: GENIE LAKE		Claim: CANYON 216 (YA81335)		Page 1 of 11											
Depth: 122.2 m		Coordinates - Northing 30+10N		Bearing: GRID South		Date Started: July 8, 1993											
Angle: -50°		- Easting: 53+00E				Date Completed: July 12, 1993											
Core Size: HQ		Dip Tests: 50° @ 122 m				Logged By: R. Strashein											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	10.90	OVBN															Glacial till, broken bedrock, talus from 10.0m. Glacial till includes boulders of sandstone, limestone, granodiorite and mafic volcanic.
10.90	17.48	SST															Dark grey sandstone and black shale. Carbonaceous with graphite on slip surfaces. Core very broken. Occasional silty mudstone with lost core zones. 40% core recovery. 1.5m of sand and clay from 14.70m with 0% core recovery.
17.48	20.10	RHYT															Light grey fine grained rhyolite tuff with fragments of quartz, feldspar and volcanic glass. Fine grained ground mass with rounded fragments give tapicite like appearance. Very fine grained disseminated pyrite grains. Locally brecciated with very fine irregular stringer stockwork. Clay rich section 18.70-19.05m (recovered) and less than 10% recovery from 19.05-20.10m. Washed and rounded pieces of core average 1cm in size although 1-6cm piece was recovered. Lower contact is irregular with an

Hole No. 138

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Footage		Rock Type	Alteration							Assays					Description	Page No. 2 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		
							Tr/D			17.50	18.30	0.80	545310	2.0002	2.2	Rhyolite tuff. Fine quartz stringer stockwork 1-3% veining.
															20	
							Tr/D			18.30	19.05	0.75	545311	2.0002	2.2	Rhyolite tuff. Brecciated; clay seams along fractures
															14	
20.10	28.82	CONG.														Grey coarse pebble conglomerate with gradational coarse sandstone beds and rare siltstone intervals. Sandstone and siltstone beds rarely exceed 0.3 m. Conglomerate is massive and made up of rounded to sub-angular pebbles of quartz, sandstone and siltstone with rare tuff fragments in a coarse grained matrix. Clast supported i.e. predominantly pebbles and clast with only minor matrix. A 2cm clast of rhyolite tuff at 27.5m. A 1cm x 3cm clast of rhyolite tuff at 30.40m
			</													

Hole No. 138

Page No. 3711

Footage		Rock Type	Alteration							Assays					Description	Page No.	37/11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
											31.50	33.00	1.5	545314	2.002	2.2	Quartz pebble conglomerate weathered; clay (graphitic) seam at 31.80. Quartz vein in coarse vein brecciated at 31.75m. Sub-parallel core axis. Fine stringers from 31.90 - 32.10m irregular with core angles @ 20-30°. Weathered clay with seam 32.10 - 32.25m with quartz pebbles. Quartz vein fragments @ 33.0m.
																22	33.60 - 34.15m graphitic fault breccia. Coarse fragments of siltstone, sandstone and quartz in graphitic matrix. Core angle on upper contact @ 50°.
																	34.25 - 34.69m weathered quartz pebble conglomerate clay with crumbly core
																	35.45m - 36.77m ~~clay~~ dark grey clay seam with some graphite at 10° core angle.
																	39.62 - 47.09m. local carbonaceous to graphitic bands cross cutting conglomerate and coarse sandstone. Weak fault breccia zone. Clay bands 10cm - 50m. Continuous from 45.8 - 47.09m. Persistent core angles of 70° near upper end of interval. Core recovery through this section approximately 80%.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	4 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
																47.09m lost core. recovered rounded fragments of conglomerate.	
										47.30	48.75	1.45	545315	2.002	2.2	Ash tuff. Fine grained olive brown tuff with fragments of Lelapora, black needle like mineral (hematite) quartz, Lelapora porphyry, coarse quartz, with hematite grains. Very fine stringers run sub-parallel to core axis with very thin (1cm) alteration envelope. Core is broken into relatively coarse angular pieces. The sub-parallel stringers separate the core into flat pieces. This would be very blocky drilling conglomerate. Wisp quartz, stringers forming irregular stockwork. Minor clay along fracture planes. Fractures at 40-50° core angles. Quartz stringer stockwork 3-5% of interval. Stringers are .3-.6cm wide	
										48.75	50.30	1.55	-5316	2.012	2.2	34	52.05- 52.35m graphitic gouge zone with sandstone pebbles.
																	53.34m graphitic fault zone.
																	54.86- 57.25m Black graphitic and pyritic core interval with abundant clasts of felsic tuff, siltstone, and sandstone. Pyrite as earthy coarse grains in graphitic intervals and siltstone fragments. Core angles of 30°-65° on graphite slips a 30cm ash tuff clast.

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Footage		Rock Type	Alteration								Assays						Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	5 of 11		
																	58.60 - 59.85 m black graphitic clay seams and bands with weathered conglomerate. Fault zone.	
																	61.35 - 61.70 m narrow clay seams separating coarse clasts in fault breccia zone. 82° core angle on graphitic parting on lower contact with conglomerate	
																	61.70 - 68.82 m. abundant narrow carbonaceous clay seams as approaching major fault zone. The seams are from .5" to 3" wide.	
68.82	74.87	FLT															Fault zone. Black carbonaceous to graphitic clay with variety of clasts which range from less than 1 cm to 12 cm. Clast predominantly conglomerate, fine grained tuff, and sandstone. Core angle 90° at lower contact. Lost core 71.3 - 72.6 m 10% recovered. Recovery normally 80-90% in the zone.	
74.87	80.46	BSLT															Coarse grained dark green basalt porphyry. Weakly magnetic large coarse angular kalsedon phenocrysts and abundant rounded coarse calcite grains ("eyes"). Occasional fine quartz stringers. Very fine trace disseminated pyrite.	

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Page No. 6 of 11

Footage		Rock Type	Alteration								Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	at various core angles locally crosscutting upper contact has wispy quartz with pale grey brown alteration. 78.44m wispy quartz vein with weak alteration. lower contact broken core.
			W				T/P	4		74.90	75.90	1.0	545317	<1002	4.2	2	Quartz stringer zone stringers at 20-30° core angles with patchy accompanying pale alteration. weak silicification? 100% Cu recovery.
			W				T/P	1		79.20	80.50	1.30	-538	<1002	4.2	<2	Patchy alteration accompanying quartz veins. 4cm quartz band with well rate fragments at 79.40m with 55° core angle. Fine open space vugs. Lower contact pale green grey alteration from 80.20m.
80.46	122.2	RHYP															Fine-medium grained pale greenish buff rhyolite breccia. Fine fracture stockwork with occasional fine broken quartz stringers. upper contact broken with fine dark grey clay on surface of fragments. rounded quartz, eye and feldspar phenocrysts in matrix. Fine breccia stockwork with 2-3% very fine quartz stringers. Core broken but recovery is close to 100%.
										80.50	82.10	1.60	-5319	<1002	4.2	<2	Fine breccia stockwork with 2-3% very fine quartz stringers. Core broken but recovery is close to 100%.
										82.10	83.65	1.55	-5320	<1002	4.2	<2	Pale greenish grey rhyolite. Moderate brecciation rare fine quartz stringers very weak patchy alteration. This is competent rock but the brecciation results in sharp angular pieces of core.

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	7 of 11
			W				Tr/S				83.65	85.35	1.70	545321	2.002	2.2	Pale gray green rhyolite breccia. V. fine quartz stringers accompanied by moderately intense pale buff alteration. Fine crystalline pyrite grains along fracture surface. Core recovery 100%. Core broken into large angular fragments 3cm to 20cm. Prominent core angle of 35° although others are cross cutting.
			W	W			1/S				85.35	86.85	1.50	-5322	2.002	2.2	Increasing degree of alteration. Increased pale bleaching and increasing pyrite along fractures. Rhyolite breccia. Alteration is beginning to become pervasive and continuous.
			W	W		W	1/S		M		86.85	88.40	1.55	-5323	2.002	2.2	Pale creamy rhyolite breccia. Alteration becoming pervasive. Sericite alteration along fractures. Rounded grey quartz phenocrysts and subangular plagioclase phenocrysts visible in pale creamy fine grained ground mass.
						W	Tr/S		Ac		88.40	90.00	1.60	-5324	2.002	2.2	Acid leached pale white rhyolite weak to moderate brecciation. 88.90 - 89.13m intense leached zone with clay seams. Dark grey zone a start of zone @ 30° core angle. Sericite along fractures. Pyrite in fine stringers along fractures or rare disseminated crystals. Core very broken from 89.15m. 95% core recovery.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	8 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
						W	Tr/s	I	Ac	90.0	90.90	0.90	-5325	2.002	.2	light gray to creamy white rhyolite - rhyolite breccia 90.06 - 90.17m acid leached clay band with extensively fragmented rhyolite. Fine dark grey seam at 32° core angle on lower contact of clay rich band. Intensely brecciated rhyolite section with two pieces of core 9cm and 18cm core recovered. Core is very broken but contact fracture for upper end of breccia has 40° core angle. Fine quartz stringer in 18cm piece at 43° core angle. The breccia section is near the lower end of the sample interval. Sericite and pyrite are common on fracture surfaces. Core recovery 90%.	
							1/D		P						2		
							</										

Footage		Rock Type	Alteration							Assays					Description	Page No.	9 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
							Tr/s				98.30	99.75	1.45	-5328	<.002	<.2	Rhyolite porphyry. Patchy alteration accompanying fracture zones. Alteration and fractures cross cut core in this section. Common core angles on fractures are at 40-50°. Broken core with fine discontinuous quartz stringers at 99.40m. Fine grained granular green mineral along stringer selvages. Core recovery 95-100%.
																<.2	

Footage		Rock Type	Alteration							Assays					Description	Page No. 11 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		
									L	113.40	114.30	0.90	-5335	2.002	2.2	Pale creamy rhyolite porphyry breccia. Moderate to weak fine stringer stockwork. Weak clay alteration & chlorophane phyllosilicates. Core is broken into angular pieces a few 10-20cm long. Core recovery 95-100%.
															4	
																114.3-117.0 m patchy alteration. Core mostly broken to fine fragments or moderate sized pieces.
										117.00	118.30	1.30	-5336	2.002	2.2	Bleached rhyolite porphyry core is shattered. Extremely broken 1-10cm pieces remainder of core is broken in 3cm and smaller pieces. Recovery questionable estimate 70-75%. Weak, present in small patches on occasional fragments.
															22	
																118.30-119.60 m Core still extremely broken up. Less bleaching discoloration more grey green of weakly to unaltered rhyolite porphyry. Patchy alteration continues but large pieces of core recovered to 120.50m.
										120.50	121.50	1.00	-5337	2.002	2.2	Pale grey green rhyolite porphyry. Patchy pale creamy discoloration in diffuse patches. Trace disseminated pyrite on fracture surfaces. Core extremely broken. Recovery 90-100%.
															22	

122.2 END OF HOLE

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 139		Grid: Km 400		Claim: CANYON 63 (YA81/82)		Page 1 of 11											
Depth: 110.64 m		Coordinates - Northing 15+95N		Bearing: GRID SOUTH		Date Started: July 13, 1993											
Angle: -50°		- Easting: 94+00W				Date Completed: July 16, 1993											
Core Size: HQ/NQ@ 32.65m		Dip Tests: 49° at 110m				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
0.00	12.00	OVBN															Reworked glacial till. Sand and gravel.
12.00	15.75	OVBN															Weathered bedrock. Silt and gravel beds 12.00 - 14.17m silt, clay, silt, clay 14.17 - 14.78 gravel deposit. 14.78 - 15.75 clay, silt, gravel and boulders of sandstone. Bedrock material.
15.75	32.65	SST															light grey sandstone, grit, conglomerate and siltstone. This unit is not well consolidated but as strongly lithified as the conglomerate units in previous holes. This is typical of the glacial deposits over the Green Brock main deposit. The sandstone beds are massive to well bedded. Transitions between units of sandstone and conglomerate is common. gradational with more silt change noted from fine clastic to siltstone to conglomerate 40° core angle on bedding at 22m Units are commonly micaceous. Volcanic clasts are prevalent in the conglomerate beds. Predominantly intermediate and mafic rocks occasional felsic clasts. Black shale, siltstone and quartz, granite also present in abundance.

Footage		Rock Type	Alteration								Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										29.10	30.50	1.40	-5343	—	—	Sandstone / conglomerate. Well bedded core angle @ 25° @ 30.30m. Pore calcite stringers on fractures at irregular angles. 100% core recovery	
										30.50	32.00	1.50	-5344	—	—	Dark grey siltstone, sandstone and possibly sorted conglomerate. Fine calcite stringer 5-10µm. 31.00 - 31.70m in siltstone / sandstone.	
										32.00	32.65	0.65	-5345	—	—	Dark grey siltstone fragments in grey clay seam. Massive clay from 32.40m. Fault zone / contact with underlying intermediate volcanics. Core recovery 100% to 32.55m, less than 10% of remainder. Black graphitic coating on fragments at lower contact	
	32.65															Core reduced to NQ size.	
32.65	35.00	IVOL														Pale tan grey green intermediate tuff with dark green (hornblende) and local white calcite blebs/clasts. Inclusions are generally rounded but are also angular. Lower contact has a 1cm felsic band @ 62° core angle.	
										32.65	33.50	0.85	-5346	—	—	Intermediate tuff. Three fine calcite stringers less than 1cm. @ 35° core angle. 85% core recovery.	
										33.50	35.00	1.50	-5347	—	—	Intermediate tuff with white calcite blebs or coarse fragments.	

Hole No. 139

Page No. 3 of 11

Footage		Rock Type	Alteration								Assays					Description	Page No. 4 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
35.00	35.65	BSLT									35.00	35.65	0.65	-5348	—	—	Dark green fine grained basalt. Scattered white calcite phenocrysts. Weakly magnetic. Numerous fine white calcite stringers. 1 cm felsic tuff band at 35.15m @ 35° cov angle weakly deformed. Lower contact @ 55° cov angle.
																<2	
35.65	41.00	MVOL															light grey green mafic to intermediate tuff and tuff breccia. Abundant calcite stringers and calcite healed breccia bands. Unit is weakly calcareous.
											35.65	36.60	0.95	-5349	—	—	Tuff with local breccia zones (10-20cm wide).
																<2	
											36.60	38.10	1.50	-5350	—	—	Tuff-tuff breccia. 1 cm felsic band @ 60° cov angle 36.75m. Calcite stringers and wall rock breccia (2cm wide) @ 37.15m @ 35° cov angle. 37.10-38.00m calcite healed breccia band. 75° cov angle on upper contact of zone.
																<2	
											38.10	39.60	1.50	-5351	—	—	Mafic to pale intermediate (altered) tuff. Calcite string (0.5cm) at 38.15 @ 40° cov angle. 38.20-38.50m irregular stringers/streaks of calcite. 39.00m - 3cm calcite vein and wall rock breccia @ 90° cov angle. 39.30-39.5m irregular calcite healed breccia.

Footage		Rock Type	Alteration							Assays					Description	Page No. 5 of 11
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		
										39.60	41.00	1.40	-5352	—	—	Mafic tuff.
															<2	39.60 - 39.90m intense calcite healed breccia zone.
																40.15 - 40.35m calcite stringer stockwork
																40.50 - 40.60m intense calcite healed breccia band.
																40.60 - 41.00m broken and clay with core recovery 25%. Possible fault.
41.00	40.55	IVOL														Pale buff creamy green intermediate tuff-tuff breccia. Fills dark green (hornblende) fragments. Locally patchy light brown blobs or deformed matrix. Scattered calcite stringers or breccia bands. Gradational lower contact.
										41.00	42.50	1.50	-5353	—	—	Tuff breccia
															<2	41.30 - 41.60m calcite healed breccia band.
																42.00m. 1cm deformed calcite stringer @ 62° core angle.
																42.10m fracture surface with chlorite parting @ 35° core angle.
										42.50	44.00	1.50	-5254	—	—	Tuff.
															<2	18" scattered and irregular fine calcite stringers average core angle from 30-60°.
										44.00	45.60	1.60	-5255	—	—	Tuff breccia
															<2	44.10m - 3 narrow (<1cm) calcite stringers core angles at 70° and 45°.
																44.50 - 44.70m patchy stringer stockwork of white calcite
																45.30m - 2cm banded calcite veinlet @ 55° core angle.
																45.40 - 45.46m - calcite stringer stockwork and breccia.

Hole No. 139

Page No. 6 of 11

Footage		Rock Type	Alteration								Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										45.60	46.60	1.0	-5356	—	—	Tuff & Tuff breccia.
															<2	45.60m - 46.2m fine calcite stringers (1cm) deformed at irregular core angles approximately 76° and 40°.
										46.60	47.60	1.00	-5357	—	—	Tuff & Tuff breccia.
															<2	very fine calcite stringer stockwork. Pale brown matrix in breccia bands as stringers and conchoids.
										47.60	48.55	0.95	-5358	—	—	Tuff.
															<2	Very fine calcite stringer stockwork. Very fine grained pale brown stringers.
48.55	56.70	MVOL														Green fine grained mafic tuff with coarse dark round fragments. Unit is weakly magnetic, locally brecciated. Cross cutting white crystalline calcite stringers from 52.0m - 55.0m.
										48.55	50.30	1.75	-5359	—	—	Fine stringer stockwork breccia with very fine grained tan brown and pale greenish matrix. Rare very fine calcite stringers.
															<2	
										50.30	51.80	1.50	-5360	—	—	Patchy intervals of fine stringer stockwork breccia.
															<2	51.04m - 2cm calcite / felsic stringers @ 75° core angle.
										51.80	53.30	1.50	-5361	—	—	Locally bleached basalt to light grey green.
															<2	52.10 - 52.80 intenser stringer stockwork breccia with green and buff matrix. Fragmented basalt and sub-rounded to sub-angular.

Hole No. 139

Page No. 7 of 11

Footage		Rock Type	Alteration							Assays					Description	Page No. 7 of 11	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	Calcite stringers at 52.0m - broken 1cm 40° core angle. 52.60m - 2cm - 48° core angle. 52.78m - 2cm - 40° core angle. 52.90m - 1cm - 33° core angle.
											53.30	54.85	1.55	-5362	-	-	Basalt with thin pale brown tuff bands at 53.9m and 54.3m. Band at 54.3m is cross bedded 1-2cm wide at a 23° core angle. 1cm quartz-calcite stringer at 53.39m @ 60° core angle. Scattered irregular fine calcite stringers throughout interval. 1cm calcite stringer at 54.4m @ 56° core angle has slicken sides.
																<2	
											54.85	56.40	1.55	-5363	-	-	Locally brecciated and discoloured to pale grey green. 55.4 - 55.75 breccia zone weathered with broken core. Fine green clay with breccia. Irregular and deformed calcite vein fragments from 54.85 - 55.36m.
																<2	
											56.40	57.60	1.20	-5364	-	-	Broken and weathered transition zone. Green clay seam and broken core. from 56.40 - 57.60m. 50% core recovery.
																<2	
56.70	61.12	IVOL															Pale grey green intermediate tuff / tuff breccia. Irregular fragments in fine tuffaceous matrix. Patchy brown intervals.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	886.11
											57.60	59.30	1.70	-5365	-	-	Tuff breccia clay with seam. 58.00-58.30 m with 60° core angle on sharp upper contact.
																<2	
											59.30	61.10	1.80	-5366	-	-	Weakly calcareous interval with irregular fragments of fine grained calcite along line Hartung Forkwork. Clay seam (line) at 58.1m @ 15° core angle. Partially weathered.
																<2	
61.10	61.30	FLT															Green and grey line clay band. Poor recovery through 20-30 cm band.
61.30	64.90	SST															Dull grey coarse clastic sediments. Interbedded sandstone shale and pebble conglomerate. Poorly lithified sequence. Tuffaceous sedimentary sequence. Conglomerate bands contain clasts of rhyolitic volcanics and other sedimentary rocks. Moderately well bedded. Core angles 40°-50° from 62.0 - 63.0m. 25° @ 64.0 m. Fault zone at lower contact.
											61.30	63.00	1.70	-5367	-	-	Interbedded shale to conglomerate.
																<2	
											63.00	64.90	1.90	-5368	-	-	Sandstone, coarse sandstone, shale and conglomerate.
																<2	
64.90	65.13	FLT															Clay seam. 40° core angle on lower contact.

Footage		Rock Type	Alteration								Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		9 of 11
65.13	70.65	1 VOL														Pale green green to grey brown intermediate tuff gradation to tuffaceous sandstone 65.95 ² 66.15m felsic quartz porphyry (flow) within very light porous felsic tuff	
																65.10 66.15 1.05 -5369 - - Intermediate to felsic tuff and felsic flow.	
															4		
																66.15 67.05 0.90 -5370 - - Intermediate tuff with patchy calcite on fracture	
															<2		
																67.05 68.40 1.35 -5371 - - Intermediate tuff White coarse calcite phenocrysts 68.0 - 68.30m.	
															4		
																68.40 70.65 1.85 -5372 - - Intermediate tuff to tuffaceous sandstone.	
															<2		
70.65	110.64	SST														Dual grey coarse clastic sedimentary rocks (moderately lithified). Interbedded grey sandstone, white pebbly conglomerate and dark grey shale units commonly micaceous. Massive to moderately well bedded.	
																70.65 72.00 1.35 -5373 - - Tuffaceous sandstone (brown) to grey sandstone	
															<2	Fine white discontinuous calcite stringers including thin fractures.	
																72.00 73.00 1.00 -5374 - - Grey massive sandstone. Thin irregular calcite stringers very rare. Calcite on slip surface at 73.30m @ 55° core ang.	
															<2		

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Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	10 of 11
											73.00	74.20	1.20	-5375	—	—	Massive grey sandstone with rare fine white calcite stringers.
																12	
											74.20	75.80	1.60	-5376	—	—	Massive grey sandstone with rare calcite stringers on irregular cracks or slips. 75.00-75.20 10% stringer in tension type thin cracks cross cutting core at 60° core angle.
																<2	
											75.80	77.30	1.50	-5377	—	—	Grey green sandstone with left column section 76.90 - 76.80m.
																<2	
																	78.67 - 84.90 m light grey to white granular pebble conglomerate with sandy interlayers. Contact with sandstone @ 40°. Abundant black shale fragments and occasional rectangular quartzite pebble.
																	84.90 - 89.45 m coarse sandstone and poorly sorted conglomerate with fine light grey muddy slams.
																	89.45 - 97.00 m white to light grey pebble conglomerate poorly sorted with occasional coarse sandy beds. Highly weathered with poor recoveries from 92.90 - 95.75m. Fine black carbonaceous bands in weathered interval.

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 140/140A/140B		Grid: MAIN GRID WEST		Claim: CANYON 50 (VA 81169)		Page 1 of 9											
Depth: 115.82m		Coordinates - Northing 2075N		Bearing: GRID South		Date Started: July 17, 1993											
Angle: -50°		- Easting: 56100W				Date Completed: July 20, 1993											
Core Size: NQ		Dip Tests: 45° @ 105m				Logged By: R. Strosheim											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	38.40	OVBN															Overburden sand and gravel with occasional boulders. Section of pea sized washed gravel. Outwash on reworked till.
38.40	39.15	SST								38.40	39.15	0.75	545382	-	-		Gray brown bedded to massive sandstone. # Locally pebbly, sorted coarse grained. Wavy and deformed into black carbonaceous partings along bedding. Core angle 45° @ 38.50m. In quartz string at 38.90m @ 10° core angle.
39.15	44.80	SHL															Dark chocolate brown grey shale, argillite and siltstone. Massive to weakly bedded. Bouldy. Carbonaceous clay seams at 39.4m, 40.3m and 42.3m.
										39.15	40.40	1.25	-5383	-	0.2		Argillite to shale with coarse sandstone cobbles at 39.90 - 40.10m 97% core recovery.
										40.40	42.30	1.10	-5384	-	0.4		Brownish grey soft argillite and shale. Interval begins and ends with carbonaceous seams. 98% core recovery.

Hole No. 140/140A/140B

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Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
											42.30	43.40	1.10	-5385	—	0.2	Dark grey brown broken argillite with mud seams 65% Core recovery
																12	
											43.40	44.80	1.40	-5386	—	0.2	Massive to well laminated siltstone. 85% core angle on bands. Dark grey brown locally micaceous irregular fractures in irregular pattern Core broken with no pieces greater than 10cm. Fine white powder on fractures
																42	
																	Hole lost when rods pulled. Restarted bedrock coring @ 37.55m
Start #140A																	
37.55	40.55	SST															Coarse grained poorly sorted sandstone with chocolate brown shale interbed (38.7-39.7m)
																	38.10m - 1cm calcite vein finely banded coarse sandstone weakly calcareous. Veniled in broken core recovery 80-90%
																	Chocolate brown shale bed has ^{showed} lower contact with coarse sandstone @ 25° core angle
											37.30	38.45	0.75	-5387	—	0.4	Coarse poorly sorted sandstone weakly calcareous with 1cm finely banded calcite vein in broken core. 80% core recovery.
																6	
40.55	42.67	SHL															Chocolate brown shale/argillite. Carbonaceous clay seam 42.15-42.27m apparently conformable @ 48° core angle

Hole No. 140/140A/140B

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Footage		Rock Type	Alteration							Assays					Description	Page No. 3 of 9	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
																	Pull rods and extend casing (36.5m). Redrill upper section of hole. i.e. restart hole in bedrock
37.15	38.50	SST								37.15	38.50	0.75	-5388	—	0.4	8	Grey poorly sorted coarse sandstone. Fine laminar s) dark grey fine grained shale/facillite along bedding planes. Bedding @ 50° core angle. Weakly calcareous at 38.00 with wispy calcite stringers
38.50	47.65	SHL															Dark chocolate brown shale/facillite with occasional siltstone interbeds with fine laminations. 42.80 - 43.43m Coal seam with some shale bands. core angle 78° at 45.5m.
										41.80	42.80	1.00	-5389	—	—	2	Light grey brown fine grained argillite
47.65	99.90	SST															Interbedded light grey sandstone, conglomerate and dark grey shale.
										47.65	48.75	1.10	-5390	—	0.2	<2	Sandstone weakly calcareous. wispy calcite (vee) stringers at 48.10m @ 30° core angle.
										48.75	49.85	1.10	-5391	—	0.4	<2	Light grey fine grained sandstone. Massive to thinly laminated. Core angle @ 60° at 49.0m.
										49.85	51.50	1.65	-5392	—	0.2	8	Interbedded sandstone, coarse sandstone and shale. Narrow beds .3-.5m. Clay seam at 50.7m (50m wide). Core angle 62° on bedding at 51.4m.
																	51.80. — 53.80m shale bed.

Hole No. 140/140A/140B

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Footage		Rock Type	Alteration								Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		4 of 9
																	55.35 - 55.84 m black carbonaceous muddy coal bed.
																	55.00 - 57.50 m light grey brown shale and siltstone
																	57.50 - 58.80 m coarse sandstone and conglomerate with narrow interbeds of siltstone
																	58.80 - 59.50 m - black carbonaceous shale (coaly)
										53.80	55.85	1.05	-5393	-	0.2		Coarse poorly sorted sandstone and conglomerate
															<2		wispy fine irregular calcite stringers (54%) probably calcareous.
																	59.50 - 64.20 m coarse sandstone and banded siltstone core angle 50° @ 61.1 m
										59.50	61.00	1.50	-5394	-	0.2		Interbedded sandstone, siltstone and shale.
															14		
										61.00	62.50	1.50	-5395	-	0.2		Siltstone and sandstone. Well laminated siltstone and massive coarse sandstone.
															<2		
										62.50	64.20	1.70	-5396	-	0.2		Interbedded sandstone, shale and siltstone.
															<2		
										64.20	65.50	1.30	-5397	-	0.2		Brownish grey shale. Broken minor clay seams
															<2		
										65.50	66.20	0.70	-5398	-	-		Sandstone and black argillite. Intense calcite stringers
															<2		shale with - brecciated black argillite (65.58 - 65.90 m) Breccia matrix light brown (subark?) carbonate.

Hole No. 140/140A/140B

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Footage		Rock Type	Alteration								Assays					Description	Page No. 5 of 9
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																66.20 - 68.50m shale bed with black coaly mud seams. Irregular mud seam at lower contact approximate 40° core angle	
																68.50 - 69.90 m siltstone	
																69.90 - 75.00m Conglomerate. Coarse pebble, poorly sorted, clast supported. Pebbles of quartz, clast, black shale, greenstone, and granite.	
										75.00	76.20	1.20	-5399	-	0.2 22	Grey-green to tan brown siltstone. Wispy calcite stringer @ 75.50m.	
										76.20	76.95	0.75	-5400	-	6	Thin pebble conglomerate. Wispy calcite stringer @ 76.10m	
																76.75 - thin bedded, interbedded siltstone sandstone and conglomerate. Coarse cycles going down hole with abrupt changes at the end of the conglomerate to the next fine grained start of cycle usually shale but may be siltstone. 2-5m cycles.	
										82.30	83.80	1.50	529457	-	0.2 22	Coarse poorly sorted sandstone. ^{10mm} Clay seam @ 82.80m. Wispy very fine calcite stringers 82.70 - 83.00m.	
																83.0m sharp break from conglomerate to shale. @ 43° core angle. Started long cycle which ends at 94.7m.	

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CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 141		Grid: NORANDA / MAIN GRID		Claim: CANYON 6 (VA 75722)		Page 1 of 10											
Depth: 108.2		Coordinates - Northing 10+250N		Bearing: GRID North		Date Started: July 21, 1993											
Angle: -50°		- Easting: 9+750E				Date Completed: July 23, 1993											
Core Size: HQ		Dip Tests:				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	6.70	OVBN															Overburden sand, clay and cements. Consider of calcareous, chert, pyrite, in intermediate volcanic tuff, clay, granite.
6.70	38.50	1VOL															Intermediate lithic tuff. Intermediate volcanic fragments dominant in fine grained tuff matrix. Green green fragments variable matrix of light pale green to black Tuff fragments fine to 4-5 cm in size. Oxidized and strongly weathered on fractures to 10m decreasing, intense oxidation after 10m to 15m depth.
											6.70	8.80	2.10	529465	—	—	Intermediate lithic tuff. Core is broken and heavily oxidized. Several solid core pieces greater 10cm. 95% core recovery. Fine calcite in pale green fragments.
											8.80	10.65	1.85	-9466	—	—	Intermediate lithic tuff and fine grained black locally banded tuff. (9.5-11.40m). Surface weathering and oxidation strong. 95% core recovery
					m						10.65	12.20	1.55	-9467	—	—	Intermediate black crystal tuff and lithic tuff. Fine calcite stronger at 10.80m with 50° core angle. Surface weathering and oxidation noticeable downcore. Calcareous, carbonate alteration

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Footage		Rock Type	Alteration							Assays					Description	Page No.	2 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
										12.20	13.40	1.20	-9468	—	—	Intermediate lithic tuff. Broken calcite vein in clay zone at 12.20m. Fragments of vein are up to 2cm wide. Core is very broken up. Core recovery 75%. Mild surface weathering & oxidation.	
															<2		
					W					13.40	14.50	1.10	-9469	—	—	Intermediate lithic tuff. Weakly calcareous fragments and patchy matrix. Fine white clay at base. Three pieces of core greater than 10cm remain in broken. 95% core recovery estimated. Mild surface weathering.	
															4		
					W					14.50	15.80	1.30	-9470	—	—	Intermediate lithic tuff. Weakly calcareous (patchy). Weak surface weathering. 100% core recovery. 75% of core in pieces greater than 10cm.	
															<2		
										15.80	17.70	1.90	-9471	—	—	Intermediate lapilli tuff. Elast supported. Fine light grey matrix with variolous volcanic and sedimentary clasts. End of surface weathering effects. Solid core with pieces up to 30cm. 100% core recovery.	
															<2		
										17.70	19.80	2.10	-9472	—	—	Lithic intermediate tuff. Broken core and weak carbonate 19.50-19.80m.	
					W					19.80	21.30	1.50	-9473	—	—	Intermediate lithic tuff. Patchy carbonate alteration and calcite stringers. 2.0m - 2cm calcite stringers @ 70° core angle. White calcite as irregular interstitial fillings. 90% core recovery.	
															<2		
					W					21.30	22.85	1.55	-9474	—	—	Intermediate lithic tuff. Patchy weak carbonate with local white interstitial fillings. 100% core recovery.	
															<2		

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Footage		Rock Type	Alteration							Assays					Description	Page No.	3 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
					W					22.85	24.50	1.65	-9475	-	-	Intermediate lithic tuff. Patches irregular interstitial white calcite. 90% core recovery. 23.5-24.5m core very broken up.	
					W					24.50	25.90	1.40	-9476	-	-	Intermediate lithic tuff. Patchy calcite 24.5-25.00m.	
					W					25.90	27.70	1.80	-9477	-	-	Intermediate lithic tuff and black fine grained tuff with fine volcanic fragments. Intermediate. Fine white interstitial calcite and discontinuous stringers shown out the interval. Broken core 26.40-27.70m. 90% core recovery. Broken calcite vein at 27.70m.	
										27.70	30.20	2.50	-9478	-	4	Interbedded black banded tuff and lithic tuff. Black banded tuff beds from 10-50cm and lithic tuff beds at 30-50cm. Rare lapilli size fragments in lithic tuff. Intermediate composition. 52° core angle on banding. Scattered irregular white calcite stringers locally cross cutting banding at 45° core angles. 100% core recovery.	
										30.20	32.00	1.80	-9479	-	4	Interbedded lithic and black ash tuff. Fine irregular calcite stringers along core axis. 2 cm cross cutting calcite stringers at 31.70m at 55° core angle. Black ash tuff fine grained granular. (Carbonaceous?)	
										32.00	33.50	1.50	-9480	-	-	Interbedded lithic tuff and black ash tuff. Banded ash tuff intervals 2-10cm. 68° core angle on banding at 32.7m. 100% core recovery.	

Footage		Rock Type	Alteration								Assays						Description	Page No.	4 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
										33.50	34.75	1.25	-9481	—	—	2	Interbedded lithic tuff and black ash tuff. In intermediate composition. Rare fine white calcite stringers. 100% core recovery.		
										34.75	36.55	1.80	-9482	—	—	6	Intermediate lapilli tuff with narrow black ash tuff bands. Low calcite vein 331cm subparallel to core (broken core).		
										36.55	38.50	1.95	-9483	—	—	<2	Intermediate lithic tuff with fine grained black ash matrix locally banded. Grey clay seam and tuff fragments at 37.6 - 37.8m. Lower contact irregular with black carbonaceous clay seam at an approximate core angle of 70°. Fine calcite stringers stockwork up to 5cm.		
38.50	46.60	AND															Fine grained greenish andesite flow breccia. Breccia matrix fine grained black or brown.		
										38.50	39.80	1.30	-9484	—	—	<2	Andesite breccia. Broken and irregular fine calcite stringers stockwork. Core very broken. Rare pieces greater than 10cm.		
						M				39.80	41.15	1.35	-9485	—	—	14	Andesite breccia. Extremely broken core no whole core pieces. One broken piece 10cm long. Abundant calcite on breccia fractures (intensely fractured) locally columnar andesite. Core recovery appears to be nearly complete although the extreme broken pieces are difficult to estimate.		

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Footage		Rock Type	Alteration								Assays					Description	Page No.	6 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
											49.70	51.50	1.80	-9491	—	8	Dark grey brown ash tuff with lithic and lapilli of mafic to intermediate source. 100% core recover. Minor calcite on fractures as broken stringers	
											51.50	53.30	1.80	-9492	—	6	Dark grey brown lapilli ash tuff Occasional line to 1cm calcite stringers on low angle Fractures stringers are irregular and discontinuous.	
											53.30	54.80	1.50	-9493	—	10	Dark grey brown ash tuff with lithic and lapilli clasts Minor carbonate on fractures. 0.5cm calcite stringers at 53.8m @ 42° core angle. 100% core recovery	
											54.80	56.40	1.60	-9494	—	8	Dark grey brown ash tuff with lithic clasts. Calcite along fractures broken calcite vein at 55.20m. 95% core recovery,	
											56.40	57.90	1.50	-9495	—	<2	Dark grey brown ash tuff with abundant lithic clasts Minor calcite in broken fragments or on fractures 100% core recovery.	
											57.90	59.40	1.50	-9496	—	<2	Dark grey brown ash tuff with lithic and lapilli clast Calcite stringers at 58.10m (1cm) at 40° core angle and 58.90m (.5cm) at 80° core angle.	
											59.40	61.00	1.60	-9497	—	12	Dark grey brown ash tuff with lithic and lapilli fragments Abundant irregular white calcite infilling of fractures and irregular patches. 3-5%. Core becoming more broken up. 100% core recovery. elongate fibrous growth on calcite stringers at shallow plunge on fracture surfaces at 20-30° core angle.	

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Footage		Rock Type	Alteration								Assays						Description	Page No.	7 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
											61.00	63.40	2.40	-9498	—	—	42	Green brown ash buff with lithic clasts. Blocky and broken core generally good core recovery although unevenly broken. White calcite stringers. Local stockwork zone 61.3-61.5 m.	
											63.40	65.10	1.70	-9499	—	0.2	16	Grey brown ash buff with lithic clasts. Notable black carbonaceous and charcoal clasts up to 4 cm long. Excellent coring. Pieces of core are 20-40 cm long. Low lime calcite + fracture.	
											65.10	66.80	1.70	-9500	—	—	12	Grey brown lithic ash buff. Excellent coring continues pieces up to 68 cm long. 3 fine wispy calcite stringers at 65.90 m at 28° core angle and 66.45 m at 23° core angle.	
											66.80	68.60	1.80	529421	—	0.2	18	Dark brown ash buff with mafic intermediate lithic clasts. Large core pieces 20-50 cm 100% core recovery.	
											68.60	70.10	1.50	529422	—	—	16	Dark grey brown ash buff with lithic clasts. Core broken with white calcite coating irregular fractures. Core pieces up to 20 cm common. Less than 6 cm and broken 95% core recovery.	
											70.10	71.60	1.50	-9423	—	0.2	4	Dark grey brown ash buff with lithic to lapilli clasts. Core recovery good broken up but whole pieces ranging 6-20 cm.	

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Footage		Rock Type	Alteration							Assays					Description	Page No.	8 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
											71.60	73.75	2.15	-9424	—	—	Dark grey brown ash tuff with lithic clasts (mostly fine to medium volcanic and sedimentary rocks). Wavy calcite stringers at 72.05m with 40° core angle, 72.70m with 15° core angle, and 73.40m with 15° core angle. Good core recovery with whole pieces up to 63 cm long.
											73.75	75.60	1.85	-9425	—	12	Dark grey brown lapilli ash tuff. Calcite in irregular fractures. Core angles in fracture range from sub-parallel to 45° core angle. Core broken up along sub-parallel fractures with whole pieces 10-20cm.
											75.60	77.70	2.10	-9426	—	14	Dark grey brown lapilli ash tuff. Fine sub-parallel fractures with discontinuous white calcite. Core holds together well through one whole piece 74 cm. 100% core recovery.
											77.70	80.75	3.05	-9427	—	18	Dark grey brown lapilli ash tuff. Wavy calcite veins along fractures; 78.02m at 24° core angle, 79.80m at sub-parallel core angle, coarse calcite clast at 80.15 and wavy stock work to end of interval. 6 cm charcoal fragment at 79.90m. Good core recovery. broken from 80.5-80.75m.
											80.75	83.80	3.05	-9428	—	0.2 14	Dark grey brown lapilli ash tuff. Wavy to coarse white calcite stringers along irregular fractures ranging from sub-parallel to 55° core angles. 1cm calcite stringer sub-parallel to core at 80.75-81.00m. 1cm calcite stringer at 81.6m at 55° core angle with clay seam on slip surface. Core recovery 100% with whole pieces up to 71cm.

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Footage		Rock Type	Alteration							Assays						Description	Page No.	9 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										83.80	85.80	2.00	-9429	—	—	Dark grey brown lapilli ash tuff. Charcoal fragments		
															12	colinite string (1cm) at 84.22m at 50° core angle on		
																Very narrow fissile fracture. 85.20-85.80m calcareous		
																breccia zone with abundant white calcite on fracture surfaces		
																rock in this section very broken remains in large pieces		
																up to 30cm.		
										85.80	87.25	1.45	-9430	—	—	Light grey lithic tuff. Light grey weakly calcareous		
															12	matrix. Black carbonaceous scum (fault) lower content		
																at 42° core angle. Wispy calcite stringers along fractures		
																at shallow core angles (10°-20°)		
										87.25	89.90	2.65	-9431	—	—	Black lapilli ash tuff. Locally variable with		
															16	lithic tuff bands. Wispy stringers and clasts of		
																calcite along fractures. Scattered and discontinuous		
		FLT								89.90	93.00	3.10	-9432	—	0.2	Dark grey brown lapilli ash tuff. Large angular		
															12	clasts of mafic volcanic rocks up to 12cm across.		
																Numerous slip surfaces with fine black clay		
																seams becoming more abundant. Core angles on		
																slips relatively consistent from 40-50°. Minor calcite		
																coating fractures.		
		FLT								93.00	95.10	2.10	-9433	—	—	Dark grey brown lapilli ash tuff. Charcoal fragments		
															18	irregular calcite stringers or coatings on fractures.		
																94.00-95.10m fault zone broken core with dark brown		
																to carbonaceous mud (clay) and white calcite coating on		
																rock fragments. 60% recovery in fault zone.		

Footage		Rock Type	Alteration								Assays						Description	Page No. 10 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
		FLT									95.10	97.50	2.40	-9434	—	—	Black lithic ash tuff. Charcoal fragments. Core broken into angular pieces calcite stringers or wispy coatings on fractures. Chaotic fault breccia	
																22		
		FLT									97.50	99.40	1.90	-9435	—	—	Sheared black lithic ash tuff Fault zone breccia with clay matrix. Fine clastic clay seen at 97.90m at 20° core angle White calcite coatings on fragments throughout	
																16		
		FLT									99.40	102.10	2.70	-9436	—	0.2	Black ash tuff with 100% lithic fragments local bands (2cm) of lithic tuff Fault zone breccia with clay continuous to 101.00m but intensity of breccia decreases gradually. White calcite coatings prevalent in breccia zone	
																18		
											102.10	104.10	2.00	-9437	—	0.4	Black ash tuff with 10% lithic clasts Bands (10cm) of lithic tuff. 60° core angle on lithic tuff band at 103.8m 100% core recovery one piece of core 80cm long!	
																14		
											104.10	106.10	2.00	-9438	—	—	Interbedded ash tuff and lapilli tuff. Black ash tuff fractured with minor white coatings 104.4 - 104.9m. 100% core recovery	
																18		
											106.10	108.20	2.10	-9439	—	—	Lapilli tuff 106.10 - 107.30m and black ash tuff to EOH. Wispy calcite on scattered irregular structures. 100% core recovery	
																6		
108.20	EOH																End of hole.	

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 142		Grid: NORANDA MAIN GRID		Claim: CANYON 2 (YA 75718)		Page 1 of 14											
Depth: 152.4m		Coordinates - Northing 10+070N		Bearing: GRID SOUTH (199°)		Date Started: July 24, 1993											
Angle: -55°		- Easting: 10+550E				Date Completed: July 27, 1993											
Core Size: HQ/NQ		Dip Tests: -56° at 152m				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays					Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
0.00	48.70	OVBN															Overburden. Glacial till. Clay, sand, gravel and boulders. Wide variety of boulders with chertite boulders becoming most prevalent at depth. Little serious alteration.
					</												

Footage		Rock Type	Alteration								Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										55.30	57.40	1.70	934005	—	0.2 12	Conglomerate to coarse sandstone.	
										57.00	59.40	2.40	934006	—	0.2 24	Coarse sandstone to ss zone. Quartz pebble conglomerate to end. Clay weathering of contact zone.	
										59.40	61.25	1.85	934007	—	0.2 18	Silty sandstone, clay rich. Well banded siltstone shale 60.90-61.25m. 78° core angle on fine banding.	
										61.25	63.30	2.05	934008	—	0.2 14	Green sandstone + charcoal fragment at 61.40m. Clay rich bed 62.20-62.70m.	
										63.30	65.50	2.20	-4009	—	0.2 18	Sandstone-siltstone contact at 63.35m. 35° core angle. Fining to black argillite to siltstone contact at 63.75m with 65° core angle.	
										65.50	66.90	1.40	-4010	—	0.2 22	Conglomerate to sandstone. with 55° core angle on bedding. 66.05m shale grades to siltstone.	
										66.90	68.70	1.80	-4011	—	0.4 28	Sandstone, unspindle grey seams at 60° core angle. gradational shale at 68m. Coal fragments in coarse sandstone 68.5-68.70m.	
										68.70	70.20	1.50	-4012	—	0.2 14	Black argillite shale. Clay rich seams. 57° core angle on shale seam at 69.35m.	
										70.20	71.60	1.40	-4013	—	0.4 6	Unbedded shale, siltstone grading to sandstone.	

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Page No. 44/14

Fault breccia. Green volcanic and black sedimentary fragments in a black carbonaceous matrix. Shearing at 20-25° core angle.

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Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										99.50	102.10	2.60	-4029	—	—	Fine grained diorite. Fine stringer stockwork of honey blebs and patches white ^{calcite} Very fine banded. Stock work crosscutting to sub-parallel core axis. Stockwork stringers are very fine to 0.5cm thick and comprises 1-3% of core. Core recovery good but core is very broken up rare pieces up to 20cm.
															14	
										102.10	103.50	1.40	-4030	—	—	Fine grained diorite 103.15- contact with porphyry. Large sub-rounded irregular phanocrysts (up to 2cm) of white and pale green feldspar (and altered feldspar) white calcite breccias, stringers and as coatings on fractures. Contact broken core but contact at low core angle approximately 30°. Minor fine banded honey stringers in cross cutting stockwork.
															20	
										103.50	105.00	1.50	-4031	—	—	Coarse rounded porphyry Tan to rose fine grained groundmass. 104.30 - 104.50m. Cross cutting stringers of finely banded honey and fine grained black minerals (feldspar and tourmaline?). Distal
															22	
																
										105.00	106.40	1.40	-4032	—	—	Coarse rounded porphyry. Buff/coloured groundmass. Irregular clay rich breccia seam 105.40-105.48m. Rare calcite on broken fractures. Irregular minor honey stringer cross cutting to sub-parallel core axis. Distal
															20	

Footage		Rock Type	Alteration								Assays					Description	Page No.	8 of 14		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm					
											106.40	108.20	1.80	-4033	—	0.2	14	Porphyry grades to light grey green medium grained ~~diabase~~ at 107.3m. Porphyry is weakly clay altered near transition to ~~diabase~~ which is separated by ~~to~~ 1cm fine banded honey stringers at 23° core angle. Fine to 1cm irregular honey stringers cross cutting porphyry. Very fine stringer stockwork through ~~diabase~~ with pale creamy green 1cm stringers cross cutting core and fine stringers at 108.0m. 2 stringers at 55° core angles. Stringer network up to 5% of core.		
											108.20	109.85	1.65	-4034	—	—	16	~~Diabase~~ . Medium grained pale olive green and grey. 1.5cm honey stringer at 90° core angle at 108.28m. Fine stringers outside of band at irregular angles. White calcite stringer at 108.85m on fracture cross cutting pale creamy fine grained 1.5cm band. Core broken but band at approximately 25° core angle. 109.10m - 0.5cm creamy green stringer (banding) at 65° core angle. 109.35 - 109.65m 1cm band creamy green with fine white botanoid calcite stringers at 14° core angle.		
											109.85	111.25	1.40	-4035	—	—	12	~~Diabase~~ . 109.85 - 110.35m fine grained greenish tan calcic vermicular or breccia matrix sub-parallel to core axis with coarse clast of ~~diabase~~ . 110.40 - 110.57m carbonaceous clay seams at 23° core angle. 110.71m - 0.5cm fine grained black stringer finely banded with white elongate along banding inclining at 60° core angle. 110.87m - 0.2cm black stringer at 50° in opposite direction. 111.25 - 1cm quartz-calcite stringer at 25° core angle.		

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
				W			Tr/D	I		111.25	113.10	1.85	-4036	—	—	Diabase. Weakly ^{sericitic} clay alteration. Fine crystalline disseminated pyrite on fractures. Vuggy quartz calcite vein sub parallel to core (core broken up) 111.80m local zone of rounded green phenocrysts. Core broken recovery greater than 90%.
				W			Tr/D			113.10	114.60	1.50	-4037	—	—	Diabase. Abundant calcite stringers and white calcite on fractures. Trace disseminated pyrite crystals on fractures. Fine banded quartz and black stringer (1cm) 113.95m at 65° core angle. Fine wispy stringers of black mineral cross cut by calcite stringers.
				W						114.60	116.10	1.50	-4038	—	—	Diabase. 114.60-115.10m Fine banded stringers of black and white stringers and black spotted (disseminated) zone cross cut by local calcite stringers. Banded stringers at shallow core angles (15°-20°). Fine white calcite stringers throughout. 100% core recovery.
				W						116.10	117.70	1.60	-4039	—	—	Weakly altered pale green medium grained Diabase. 116.35-116.65m diffuse black and tan ^(1.5cm) seams sub-parallel to core axis cross cut by vuggy calcite veinlets. 117.25-117.55m. Quartz calcite in filled breccia zone. Zone has upper contact at 20° core angle.
																~~50% core recovery~~ 20°
																100% core recovery.

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Hole No. 142

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Footage		Rock Type	Alteration							Assays					Description	Page No. 10 of 14	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
											117.70	119.30	1.60	-4040	—	—	~~Diabase~~ 117.70 - 118.00 weak breccia zone with quartz and calcite in diffuse irregular matrix.
																<2	118.00 - 118.40 m clay filled breccia zone, notable calcite fragments. 119.00 - 119.20 m banded black seams with broken calcite fragments, calcareous.
											119.30	120.70	1.40	-4041	—	—	Creamy honey coloured diabase with green grains.
																<2	Creamy siliceous very fine grained band with wall rock fragments
																	119.35 - 119.60 m upper contact 45° core angle, 48° on lower contact. 120.00 - 120.47 m quartz and honey stringer stockwork 20%.
											120.70	121.50	0.80	-4042	—	—	Fine grained pale buff green diabase lower contact sharp at 75° core angle. Honey and black stringers
																<2	120.70 - 121.00 m. Fine stringer stockwork.
121.50	127.60	CLAY OXIDE ZONE															Various oxidized and weathered zone
											121.50	123.50	2.00	-4043	—	—	Grey argillaceous slate to lapilli buff clay weathering. Fine banding at contact at 85° core angle. Material increasingly oxidized. Mercurial cracking when dried. 100% core recovery.
																26	
											123.50	125.60	2.10	-4044	—	0.2	Green clay weathered zone. Pale to bright green bands with local ochre hematite bands and clasts of pseudo-porphyr up to 15 cm unweathered.
																<2	Contact with overlying grey clay zone at 75° core angle. 100% core recovery.
																	locally calcareous, occasional calcite clasts.

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Footage		Rock Type	Alteration							Assays						Description	Page No.	11 of 14	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
																	Maroon hematite weathered to 125.15m.		
																<2	Last section creamy quartz, eye porphyry breccia. Lower contact sharp and distinct at 65° core angle. 100% core recovery.		
127.60	133.15	SKP TUFF															Crystal lithic tuff. Fine white felsic clasts sparse in grey crystal matrix. Lower contact with pseudo-porphyry at a 5-10° core angle it is from 132.85 - 133.95m and very sharp and distinct contact.		

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Footage		Rock Type	Alteration							Assays					Description	Page No.	13 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
140.00	152.40	S&P TUFF															Crystal lithic tuff. Felsic clasts in crystal matrix. Generally fine clasts occasional block shale clast. 141.20-141.65m carbonaceous (coaly) shale. Contact of Aquilula and tuff @ 75° core angle. Tuff-shale contact @ 65° core angle upper. Lower contact @ 35° core angle.
			P			W				140.00	141.20	1.20	-4053	—	—	<2	Crystal lithic tuff. Weak patchy silicification. Altered quartz, arg. porphyry clast. weak sericite.
										141.20	141.70	0.50	-4054	—	0.2	<2	Carbonaceous coaly argillite seam.
			P	W						141.70	143.60	1.90	-4055	—	—	2	Clay altered crystal lithic tuff. Patchy carbonate. 142.52 m calcite stringers @ 40° core angle.
			P							143.60	145.00	1.40	-4056	—	—	<2	Clay altered crystal lithic tuff.
			W							145.00	146.60	1.60	-4057	—	0.2	<2	Crystal lithic tuff. Patchy clay alteration pervasive at start of interval. 145.12m fine calcite stringers at 25° core angle. Separates pervasive clay alteration from patchy alteration.
			W							146.60	148.10	1.50	-4058	—	—	<2	Crystal lithic tuff. Patchy clay alteration (weathering) associated with sharp fractures which have fine grey clay seams on surfaces. 146.65 m - 40° core angle, 147.20m - 30° core angle, 147.62m - 40° core angle, 147.85 - 45° core angle.

Footage		Rock Type	Alteration								Assays						Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	14 of 14		
											148.10	149.65	1.55	-4059	—	—	Crystal lithic buff. Calcite stringers (veinlike) at 48.35m - 70° core angle, 48.55m - 40° core angle and 48.63m - 45° core angles.	
																22		
											149.65	152.40	2.75	-4060	—	—	Crystal lithic buff. 150.05 - 150.58m grey green clay altered band. Upper contact of clay seam is sub-parallel while lower contact is at 70° core angle although irregular. Clay seam is centred on a fine fracture / seam at 150.40m @ 35° core angle. Fine clay seams on sharp fractures at 151.10m - 35° core angle, 151.21m - 38° core angle, 151.38m - 28° core angle, 151.63m - 54° core angle, 151.74m - 82° core angle.	
																25		

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 143		Grid: (NORANDA) MAIN GRID		Claim: CANYON 7 (VA75723)		Page 1 of 10											
Depth: 114.3m		Coordinates - Northing 9+925N		Bearing: GRID South (199°)		Date Started: July 28, 1993											
Angle: -50°		- Easting: 10+850E				Date Completed: July 31, 1993											
Core Size: NQ		Dip Tests:				Logged By: R. Stroshen											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ^{opt} ppb	Ag ppm		
0.00	26.16	OVB														As	Overburden; boulders, sand and gravel.
26.16	26.82	Oxide									26.16	26.82	0.66	934061	1.002	1.2	Rusty orange oxidized weathering zone. Calcite as fine to coarse stringers and clasts. Fine stringer network
26.82	32.17	CLP Tuff															Crystal lithic tuff. Creamy green altered tuff. Moderate weathering along seams and fractures to m. coarse stibnite clasts in fine grained matrix
				M		P			Ph.	26.82	29.00	2.18	-4062	-	0.4	<2	Crystal lithic tuff. Abundant gray quartz euge peneconcretions. Weathering effects moderate with limonite along irregular seams and clast contacts and clay rich bands.
				M		P			Ph	29.00	30.50	1.50	-4063	-	0.6	<2	Crystal lithic tuff. Pervasive sericite (smectite) altered. Clay weathering
										30.50	32.00	1.50	-4064	-	0.2	<2	Crystal lithic tuff. Pervasive sericite altered. Limonite on clast contacts or narrow seams from surface weathering. Clay bands also from surface weathering.

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Footage		Rock Type	Alteration							Assays					Description	Page No. 2 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		
						P			Ph	32.00	33.50	1.50	-4065	—	0.2	Crystal lithic tuff. Rhyolite clasts (quartz, aug phenocrysts) in crystal matrix. Surface weathering with disseminated limonite grains and seams or patches clay seams; weathering.
						P			Ph	33.50	35.05	1.55	-4066	—	0.2	Crystal lithic tuff. Intense clay weathering, orange limonite. 50% core recovery
						M				35.05	36.60	1.55	-4067	—	0.6	Crystal lithic tuff. Moderate surface weathering. Disseminated coarse limonite grains
						W			Ph	36.60	38.10	1.50	-4068	—	0.4	Crystal lithic tuff. Coarse rhyolite clasts with moderate sericite alteration in sandy matrix. Fine grained grey quartz, breccia band (2cm) at 36.65m. Moderate surface weathering. Calcareous mud seam on rhyolite clast contact at 37.86m with hematite at 45° core angle. Coarse disseminated limonite grains and stringers
										38.10	39.20	1.10	-4069	—	0.2	Crystal lithic tuff. Increasing clay weathering of tuff to fault zone. Brownish orange stain with limonite grains throughout.
39.17	41.45	FLT								39.20	41.45	2.25	-4070	—	0.2	Clay rich weathered zone with large laterolithic clasts. Probable fault breccia. Rhyolite sandstone conglomerate and black siltstone. Clay seams and rhyolite is clay weathered.

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Footage		Rock Type	Alteration							Assays					Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
41.45	63.00	WELDED RHYT														Green and maroon pseudo-porphyr. Pale green 'porphyritic' rhyolite with maroon hematite rich sections of increasing width locally greater than 3 metres.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	5 of 10
											56.10	57.60	1.50	-4081	—	0.2 <2	Maroon tuff. Mottled green rhyolite tuff, patchy. Weak and disrupted banded tuff at 57.20m
											57.60	59.40	1.80	-4082	—	— 2	Maroon tuff. Mottled to brown green rhyolite tuff. Finely banded tuff 58.20 - 58.53m, at 20° core angle. Local medium white "phenocrysts"
											59.40	61.00	1.60	-4083	—	— <2	Maroon tuff. Xenolite rich local weak banding and narrow intervals (10cm) of "porphyritic" tuff. Mottled green rhyolite tuff 60.75m.
											61.00	63.00	2.00	-4084	—	— 2	Mottled green and maroon "porphyritic" welded rhyolite tuff. Clay weathering on irregular lower transition zone. Core angle 35° on contact.
63.00	172.60	S&P TUFF															Gray to light gray crystal ^{spilli-} lithic tuff. Fine-medium below clasts in crystal rich sandy matrix. Smoky grey quartz grains.
											63.00	64.50	1.50	-4085	—	0.4 <2	Crystal lithic tuff. Clay weathering moderate and decreasing down section.
											64.50	66.50	2.00	-4086	—	— 6	Crystal lithic tuff. 50% core recovery 65.50 - 66.50m. Local clay weathering.

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Page No. 6810

Footage		Rock Type	Alteration							Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
										66.50	67.80	1.30	-4087	—	0.2 2	Crystal lithic tuff. Locally broken core few pieces of 10-20cm. 90% core recovery.
					W					67.80	69.50	1.70	-4088	—	2	Crystal lithic tuff. Broken core, patchy clay weathering. Weakly calcareous. 60% core recovery. Capilli clast of shyslite at 69.0m.
										69.50	71.00	1.50	-4089	—	0.2 10	Crystal lithic tuff. Lithic and lapilli clasts of fine grained blue grey shyslite (cherty appearance). Core broken up but good core recovery.
										71.00	72.60	1.60	-4090	—	0.2 4	Crystal lithic tuff. Lithic and lapilli clasts of fine grained blue grey shyslite. (one clast at 71.63m and at 72.60m)
72.60	114.30	S & P TUFF														light tan grey crystal lithic tuff and lithic ash tuff. S&P and pepper appearance. Transition from lapilli tuff is clay rich and broken with last core to 74.5m.
										72.60	74.20	1.60	-4091	—	0.2 4	Crystal lithic tuff. Broken core gone -40-50% core recovery.
										74.20	75.70	1.50	4092	—	0.2 12	Crystal lithic tuff. Lithic clasts of shyslite and rare calcite. Fine mud seam at 75.55m @ 19% average. Fine calcite - trace at 75.60m - indicator of amonite.

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										75.70	77.30	1.60	-4093	—	0.2	Crystal lithic buff. Calcite stringers : at 76.5m @ 40° core angle, at 76.9m @ 36° core angle. Two fine black seams at 77.05m sub-parallel at 70° core angle
										77.30	78.60	1.30	-4094	—	0.2	Crushed lithic buff ash buff. Clay seam 77.53m at 45° core angle. Broken core. (loss + core) 77.70 - 78.20m abundant coarse lithic fragments of white calcite. 96% core recovery. Fine clay seam at 78.15m at 36° core angle.
										78.60	80.50	1.90	-4095	—	<2	Crystal lithic buff / ash buff. 78.70 - 78.92m wispy fine calcite stringers in lithic buff and within lithic fragment of dark grey fine grained rhyolite. 78.95m 1cm pale buff colored clay seam at 60° core angle. This is a consistent fracture surface in the core. Core recovery is 100% with large whole pieces up to 35cm long.
										80.50	82.10	1.60	-4096	—	<2	Crystal lithic buff. Calcite stringers (fine and medium) at 80.70m @ approximately 50° core angle, 80.81m @ 26° core angle, and 80.91m @ 32° core angle. 100% core recovery. Whole pieces of ore up to 58cm long.
										82.10	83.70	1.60	-4097	—	<2	Crystal lithic buff 100% core recovery, whole pieces up to 64cm.
										W 83.70	85.20	1.50	-4098	—	10	Crystal lithic and lithic ash buff. Clay seams and ash buff at 84.50m. Core broken with clay weathering possible fault zone. 95% core recovery.
84.50	FET															

Hole No. 143

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Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
									W	85.20	86.70	1.50	-4099	—	—	Crystal lithic tuff. Clay weathering. Clay seams with volcanic fragments. Lithic clasts of fine grained grey rhyolite, argillite altered quartz, feldspar porphyry. Clay seams 26.20m at 65° core angle.
									W	86.70	88.20	1.50	-4100	—	0.2	Crystal lithic tuff. 87.48m sharp surface with clay at 63° core angle. 100% core recovery.
									W	88.20	89.70	1.50	-4101	—	4	Crystal lithic tuff. Clay weathering. Sharp fine clay seam at 89.27m @ 65° core angle. Up hole section clay, weathered down hole. Solid core.
									W	89.70	91.20	1.50	-4102	—	—	Crystal lithic tuff. 90.28-90.86m intense clay weathered (breccia).
									W	91.20	92.70	1.50	-4103	—	—	Crystal lithic tuff. 92.15-92.40m 3 clay seams 1-2cm wide core angles 70°, 55° and 42°.
									W	92.70	94.20	1.50	-4104	—	0.2	Crystal lithic tuff. 92.78-93.60m strong clay weathered zone poor core recovery. Clay seams continue through interval at core angles from 15-60°. 75% core recovery.
									W	94.20	95.70	1.50	-4105	—	4	Crystal lithic tuff. Clay weathering numerous fine clay seams at core angles from 15-70°. Good core recovery 95-100% Core quite broken.

Footage		Rock Type	Alteration								Assays						Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	10 of 10		
											106.70	108.20	1.50	-4113	—	—	Crystal lithic tuff. Patchy zones (3-5cm) clay weathering. Weak to moderate. Core angles on fractures moderate between 30°-60°. Core recovery 100%.	
										W	108.20	109.70	1.50	-4114	—	<2	Crystal lithic tuff. 0.5cm calcite string at 108.20m @ 75° core angle. 109.00-109.55m pervasive clay weathered breccia zone. Clay seen with clasts at 35° core angle.	
											109.70	111.25	1.55	-4115	—	<2	Crystal lithic tuff. 110.80-111.25m clay rich breccia with actinol rhyolite clasts, black shale and calcite clasts. 100% core recovery.	
										W	111.25	112.80	1.55	-4116	—	<2	Crystal lithic tuff. Clay weathering 111.25-111.75m. 100% core recovery. 111.75-112.80m solid competent core with pieces up to 42cm.	
											112.80	114.30	1.50	-4117	—	6	Crystal lithic tuff. Abundant carbonaceous/charcoal fragments with quartz porphyry, rhyolite and calcite lithic clasts. Solid competent core. 100% recovery pieces of whole core up to 37cm.	
114.30		EDH															End of hole.	

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 144		Grid: MAIN (NORANDA) GRID		Claim: CANYON 8 (YA75724)		Page 1 of 14										
Depth: 153.9 m		Coordinates - Northing 9+620 N		Bearing: GRID NORTH (019°)		Date Started: July 31, 1993										
Angle: -50°		- Easting: 10+900 E				Date Completed: August 4, 1993										
Core Size: NQ		Dip Tests: 50° @ 126.5m				Logged By: R. Strasheim										
Footage		Rock Type	Alteration							Assays					Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
0.00	48.16	OVBN														As ₁ Boulders, sand clay and recovered till.
										10.50	12.00	1.50	T30915	4		Black clay rich till. 75% matrix clay fine sand. Boulders and boulders of shal, sandstone, quartzite, rhyolite and siltstone.
										20.90	22.90	2.00	T30916	3		Black clay rich till. 75% matrix clay and silt. Dominant rock pebbles are rhyolite and altered rhyolite porphyry. Some sedimentary rock pebbles.
48.16	50.29	OVBN								48.20	50.30	2.10	934118	—	—	Broken bedrock with cobbles and boulders.
														4		Bedrock material. Crystal lapilli tuff. Cobbles and boulders of sandstone, quartzite, rhyolite and argillite.
50.29	86.80	CLP Tuff														Crystal lapilli tuff. Rhyolite (felsic). Clast dominant lithic to lapilli tuff in fine grey crystal tuff matrix. Clasts and lapilli of quartzite, feldspar porphyry, permin and rhyolite which are alternately phyllite altered (green sericite) or argillite (tan brown clay) altered. Numerous clasts of rounded to sub-angular black argillite or grey siltstone. Massive agglomerate texture.

Footage		Rock Type	Alteration								Assays					Description	Page No.	3 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
											91.00	92.50	1.50	-4126	—	—	48	lapilli lithic crystal tuff. Weakly calcareous. 1cm white calcite stringer at 61.25m @ 60° core angle. Quartz, feldspar porphyry clasts green sericite altered and disseminated pyrite. Pyrite Tr-20% fine grained crystals. These clasts are 20-25% of the total composition. Good core recovery, 100%.
									W		92.50	64.00	1.50	-4127	—	—	12	lapilli lithic crystal tuff. ^{5cm} black clay seam with rounded fragments at 92.50m at 65° core angle. 0.5cm calcite stringer at 63.38m at 63° core angle. 100% core recovery.
									W		64.00	65.50	1.50	-4128	—	—	30	lapilli lithic crystal tuff. Patchy clay weathering. 100% core recovery.
											65.50	68.00	2.50	-4129	—	—	36	lapilli lithic crystal tuff. Clay weathering of matrix 66.56-67.85m. lithic clasts of sericite-pyrite altered quartz, feldspar porphyry at 65.9m. lost core with clay altered band, 65% core recovery.
											68.00	69.50	1.50	-4130	—	0.2	16	lapilli lithic crystal tuff. Fine irregular creamy carbonate stringer sub-parallel core at
											69.50	71.20	1.70	-4131	—	—	42	lapilli lithic crystal tuff. 69.65m irregular calcite stringer stalks and bands (1cm) stringers cross cutting tuff. 69.85m fine calcite stringer at 35° core angle. 69.90-69.97m - 2 1cm banded calcite-labite stringers at 45° core angle. 70.10m 1cm calcite stringer at 42° core angle.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	4 of 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
									W	71.20	72.70	1.50	-4132	—	0.2	Lapilli lithic tuff. Clay weathering of matrix to 25.5	
															44	Lapilli fragments of Oldowan porphyry, 72.50 - 72.70m.	
										72.70	74.20	1.50	-4133	—	0.2	Dark grey crystal lithic tuff. Matrix of crystal	
															6	tuff (locally vitric) dominantly with lithic clasts of rhyolite and rare black shale. Fine grained grey calcite bands (stringers) at 73.15m - 0.5cm @ 50° core angle, 73.27m - 2cm @ 50° core angle (with banded calcite), 73.50m - 1.5cm @ 52° core angle. 100% core recovery.	
										74.20	75.70	1.50	-4134	—	—	16	Lapilli tuff with fine black matrix. Very coarse fragments of rhyolite porphyry and Oldowan porphyry. Flow banded fragment at 75.60m. 100% core recovery.
										75.70	76.70	1.00	-4135	—	—	8	Lapilli crystal tuff. Rhyolite lapilli. Clasts clay altered - grey crystal matrix. Green and white fluorite vein in broken core at 76.60m - 3cm wide, 100% core recovery.
										76.70	77.70	1.00	-4136	—	0.2	24	Lapilli tuff. Sericite altered porphyry, clasts and clay altered (argillite) rhyolite clasts and garnierite clasts in grey crystal matrix. Calcite stringer at 76.85m @ 28° core angle. 100% core recovery.

Hole No. 144

Page No. 567.14

Footage		Rock Type	Alteration							Assays					Description	Page No. 587.14	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	Crystal lithic tuff. Sericite altered rhyolite down to 77.70m and rare black argillite in dark vitric matrix. 77.72-77.92m fine thinly laminated black argillite. Fine banding at 52° core angle lower contact zone and at 48° in opposite direction (fines sand?) 77.90m 1.5cm quartzitic stringers thin bands with tan carbonate (?) below lithic. The argillite contact at a 46° core angle.
																	Crystal - vitric ash lapilli tuff. Dark green vitric matrix with lithic and lapilli clasts of altered rhyolite porphyries (sericite and disseminated pyrite). Fine & tilted bedded clay stringers at 80.10m at 45° core angle.
																	Crystal - vitric ash lapilli tuff. 3 fine clay tan stringers 80.10-80.21m irregular but at core angles of 65°-80°.
																	Light grey crystal lithic tuff. Pseudo - porphyry appearance. 82.57-82.83m wispy clay carbonate stringers. 82.80-83.65m clay weathered interval of brecciated tuff.
																	Lapilli crystal tuff. Coarse clasts of quartz, feldspar porphyry (sericite altered), rhyolite and shaly in grey crystal matrix. Weak clay weathering. 84.00-84.25m. 85.20m - 2cm band creamy white stringers at 70° core angle.

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Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	6 of 14
											85.80	86.80	1.50	-4142	—	—	Contact zone Bleached and clay altered. Large fragments of lapilli tuff and diabase in the matrix. Calcite intergrowths of fragments. Small mineral openings. Estimate 70°C core and on broken ground surface lower contact with continuous diabase.
																52	
86.80	97.80	DIABASE															Dark green medium grained equigranular diabase. Wide altered zones of bleached pale green and white especially at contacts. Boudinage forming which is predominantly white crystalline calcite and locally banded quartz, carbonate. Albite-carbonate - chlorite alteration.
											86.80	88.30	1.50	-4143	—	—	Bleached pale creamy green diabase, calcite
																28	veining at 86.85m - broken 1-2cm pieces, 87.02m - 1cm calcite stringers @ 50° core angle, 87.61m - wavy stringers at 70° core angle, 87.68 - 87.80m calcite fragments in clay rich zone, 88.00 - 88.10m - finely banded calcite and carbonate at 80° core angles, 88.07 - 88.25m calcite stringers sub-parallel core axis.
											88.30	89.90	1.60	-4144	—	—	Bleached diabase becoming fresh dark green at end of interval. Broken calcite fragments in cream colored zone at 89.40m. 88.60 - 89.32m fine stringers to 3cm veinlets of white crystalline calcite and fine honey calcite (iron carbonate?) grey quartz in elongate fragments or veinlets. Sub parallel core. 89.30m - 89.90m fine white carbonate on fractures. 89.85m 1cm pale fine grained quartz stringer @ 28° core angle.
																<2	

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Page No. 7 of 14

Footage		Rock Type	Alteration							Assays					Description	Page No.	Feb 14
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
		DIABASE			S						89.90	91.40	1.50	-4145	—	—	(continued) Dark green medium grained diabase. Pale bleaching with strong calcite stringers 90.50m. white calcite stringers throughout up to 1cm. at various core angles ranging from sub-parallel to core axis to 30° core angle. 7-8% similar to remaining
																4	
						</											

Hole No. # 144

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Footage		Rock Type	Alteration								Assays						Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	9 of 14		
105.15	108.25	TUFF/ FLT															Lapilli crystal tuff (vitric ash?) Diabase, rhyolite, quartz porphyry, felsic clasts to Popillia clasts - dark areas locally sandy (clay weathered) tuff	
										w	105.15	106.75	1.60	-4154	—	6	Tuff. Weathered badly broken core. Diabase chert at contact (irregular contact). Core very broken out looks like 90-95% recovery.	
										n	106.75	108.25	1.50	-4155	—	16	Tuff. Clay weathered. 107.75-108.25m clay filled but none with rounded fragments. Clay seam at 45° core angle. Calcite breccia with mixed fragments of diabase. 108.05-108.25m.	
108.25	125.60	DYABASE															Light creamy green pale altered diorite. "Bleached" beds for porphyry.	
											108.25	109.75	1.50	-4156	—	56	Bleached and brecciated diabase. Locally up to 40% brecciated calcite veins and broken stringers. Bright green alteration mineral in groundmass.	
											109.75	111.25	1.50	-4157	—	32	Intense "bleaching" with bright green alteration. Minor irregular finely banded carbonate stringers with chaotic attitudes throughout section. (3-5%)	

Footage		Rock Type	Alteration								Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										118.80	120.30	1.50	-4163	—	5.6	Albitized diabase. 19 - line to 2cm carbonate stringers generally cross cutting core but located for more intervals. Quartz-carbonate veinlets at 119.95m and 120.25m.
															32	
										120.30	121.80	1.50	-4164	—	—	Albitized diabase. Extensive line (fractured) carbonate stringers (10%) - Feltsite / carbonate veinlet (2cm) at 121.25m @ 30° core angle.
															22	
										121.80	123.30	1.50	-4165	—	—	Albitized diabase. Hoopy and deformed calcite stringers and carbonate veinlets. Stringers cross cutting core 45-60° average core angle. Alteration decreasing.
															14	
										123.30	125.60	2.30	-4166	—	—	Dark green diabase. Patchy local albitization. 22 - line to 1cm stringers of carbonate cross cutting core with local networks. 123.57-123.85m. Quartz-carbonate veinlet up to 3cm wide sub-parallel to core axis. Core becoming broken into smaller pieces. Last 50cm very broken and reduced core recovery at 50-60%.
															8	
125.60	130.76	FLT														Fault and brecciated zone. Main fault zone at approximately 128.00-129.50m. Albitized diabase from 125.60-125.90m with cumulate calcite veinlets. Clay and lithic fragments and large fragments for remainder of fault zone.

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Page No. 13 & 14

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	13 of 14
135.05	153.90	TUFF															Crustal lapilli tuff to bitric ash tuff and bitric ash tuff. Includes Lapilli tuff at depth. Lathic and lapilli clasts of quartz, feldspar, porphyry predominant with occasional biotite up to 38 cm. Immense sericite-pyrite altered porphyry clasts.
											135.05	136.55	1.50	4172	—	—	Crustal lapilli tuff. Clay rich breccia and clay weathering to 135.90m.
											136.55	138.05	1.50	-4173	—	2	Crustal lapilli tuff. Lathic and lapilli clasts of quartz, feldspar porphyry in dark grey crystal matrix. Patchy weak clay weathering. Porphyry clasts light green sericite altered with calcite phenocrysts and carbonate alteration. Fine calcite stringers at 137.60m at 85° core angle.
											138.05	139.55	1.50	-4174	—	0.2	Crustal lapilli tuff is lapilli clasts of sericite-pyrite altered quartz, feldspar porphyry in grey crystal matrix. 138.85m fine carbonate stringers at 25° core angle.
											139.55	141.10	1.55	-4175	—	26	Crustal lapilli tuff. Lapilli of sericite-pyrite altered g.f.p. 139.90m fine carbonate stringers at 37° core angle. 140.00-140.70m broken core zone. 60% core recovery.
											141.10	142.60	1.50	-4176	—	36	Lapilli Crustal tuff 141.29-141.73m - lapilli of sericite-pyrite altered quartz, feldspar porphyry. Fine quartz-carbonate stringers at 141.54m at 45° core angle, cross cutting lapilli fragments and tuff matrix. 141.85m carbonate stringer (0.5cm) at 55° core angle.

Hole No. 144
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Footage		Rock Type	Alteration								Assays						Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	14 of 14		
																	142.43m - 1cm carbonate stringer at 75° core angle	
											142.60	144.10	1.50	-4177	—	48	Crystal lapilli tuff. 143.25 - 143.75m fine calcite stringer sub-parallel to core within lapilli clast. 143.97 - 144.80m - fine carbonate stringer sub-parallel to core within tuff.	
											144.10	145.60	1.50	-4178	—	6	Crystal lapilli tuff. 144.86m 10cm clay breccia zone. Sedimentary lithic clasts as well as rhyolite and porphyry.	
											145.60	147.10	1.50	-4179	—	0.2 4	Crystal lapilli tuff	
											147.10	148.60	1.50	-4180	—	0.2 12	Crystal lapilli tuff. Flow banded rhyolite clasts as well as glp	
											148.60	150.10	1.50	-4181	—	46	Crystal lapilli tuff. 148.80m - 2cm clay seam at 60° core angle.	
											150.10	153.00	1.90	-4182	—	16	Crystal lapilli tuff. Becoming more lapilli dominant down section. Sandstone and rhyolite clasts most abundant.	
											152.00	153.90	1.90	-4183	—	14	Lapilli crystal tuff. Lapilli dominant with large rounded clasts of sandstone, rhyolite and minor quartz. 153.45m - 6cm clast of rhyolite with rounded phenocrysts of green, purple and white Plagioclase.	
153.90		EOH																

End of hole.

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 145	Grid: MAIN (NORANDA)	Claim: CANYON 9 (VAF5725)	Page 1 of 9
Depth: 117.35m	Coordinates - Northing 9+825N	Bearing: (199°) GRID SOUTH	Date Started: August 5, 1993
Angle: -50°	- Easting: 11+300E		Date Completed: August 6, 1993
Core Size: HQ/NQ-33.50m	Dip Tests:		Logged By: R. Stroschein

Footage		Rock Type	Alteration								Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
0.00	32.40	OV6N														Overburden: fluvial silt, boulders sand and clay. Occasional boulders with very little clay both boulders & sediments, shaly, purple, rock bluffs. Quartzite, gneiss, granite and gneiss.
32.40	33.11	OV6N								32.40	33.50	1.10	934184	-	0.2	Weathered bedrock. Shale. Shale. Weathered. Core recovered from HQ to NQ.
	33.50	HQ/NQ														
33.11	32.76	S&P TUFF														Green brown crystal lithic tuff. Salt & pepper appearance. Lithic clasts of shaly, in a fine grained crystal tuff matrix. Rare lapilli clast of quartzite shaly.
										33.50	35.05	1.55	934185	-	0.8	Crystal lithic tuff. Crumbly with surface weathering. 35% core recovery.
										35.05	36.55	1.50	-4186	-	0.2	Crystal lithic tuff. Minor surface weathering effects. Irregular cross cutting line - line grained felsic stringers cross cutting and sub-parallel core. 35.25-36.00m. 90% core recovery.
										36.55	38.10	1.55	-4187	-	-	Crystal lithic tuff. 100% core recovery. Competent rock with whole pieces up to 40 cm long. Occasional thin clay seams on fracture at regular 35° core angle. Individual clasts at 37.07m.

Footage		Rock Type	Alteration								Assays					Description	Page No. 3 of 9
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										50.10	51.60	1.50	-4196	—	—	Crystal lithic tuff. Weakly calcareous. 50.60-51.00m clay seam at 51.55m at 34° core angle.	
					W					51.60	53.10	1.50	-4197	—	—	Crystal lithic tuff. Weakly calcareous. 51.98m 38cm clay seam at 35° contact. Broken after clay seam. 95% core recovery.	
					W					53.10	54.60	1.50	-4198	—	—	Crystal lithic tuff. Clay seams (weathering along fracture surfaces) sub-parallel to core axis to 20° core angle. Calcareous matrix and fragments.	
					W					54.60	56.10	1.50	-4199	—	—	Crystal lithic tuff. 54.80m - 2cm clay seam at 30° core angle. 57.05m. Fine wavy calcite string. 57.22m - narrow clay seam at 45° core angle. Calcite grains/clasts.	
					M					56.10	57.60	1.50	-4200	—	—	Crystal lithic tuff. Calcareous. Coarse calcite clasts + 5 grains.	
					M					57.60	59.40	1.80	-4201	—	—	Crystal lithic tuff. Calcareous. Coarse calcite clasts. Broken core at 58.22m and 59.20-59.40m. 75% core recovery.	
					W					59.40	60.90	1.50	-4202	—	—	Crystal lithic tuff. Weakly calcareous with fine medium calcite clasts. Fine clay seams. 59.58m at 29° core angle and 60.88m at 67° core angle. 100% core recovery. Whole piece of 50cm.	

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Page No. 45.9

Footage		Rock Type	Alteration							Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
					W					60.90	62.40	1.50	-4203	—	—	Crystal lithic tuff. Weak to moderately calcareous. Calcite clasts. 100% core recovery.
															22	
					W					62.40	63.90	1.50	-4204	—	—	Crystal lithic tuff. Patchy calcareous sections with calcite clasts.
															18	
										63.90	65.40	1.50	-4205	—	—	Crystal lithic tuff. Minor patchy calcareous sections. 40' 64.50m.
															2	
										65.40	66.90	1.50	-4206	—	—	Crystal lithic tuff. Poor calcareous patches.
															4	
					W					66.90	68.40	1.50	-4207	—	0.2	Crystal lithic tuff. 66.90-67.04m - 5cm wide calcite band at 35° core angle. Band made up of 2-1 1/2 cm veins bounding round breccia fragments of calcite. Broken core and clay seams. Got core at approximately 67.90m. 90% core recovery. Calcareous matrix and fragments in tuff.
															8	
										68.40	69.90	1.50	-4208	—	0.2	Crystal lithic tuff. Patchy calcareous sections with calcite clasts.
															22	
										69.90	71.40	1.50	-4209	—	0.2	Crystal lithic tuff. Broken core and clay seams at 71.0m. Patchy calcareous sections. Good core recovery.
															4	
					W					71.40	72.90	1.50	-4210	—	0.2	Crystal lithic tuff. Weakly calcareous. Calcite clasts. Whole core pieces up to 40cm. Good core recovery.
															2	

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DIAMOND DRILL LOG

Hole No.: 146		Grid: MAIN (NDRANDA)		Claim: CANYON II (YA75727)		Page 1 of 12												
Depth: 132.59 m		Coordinates - Northing 9+675 N		Bearing: (199°) GRIN SOUTH		Date Started: August 7, 1993												
Angle: -50°		- Easting: 11+800 E				Date Completed: August 9, 1993												
Core Size: HQ casing 42.06m / NQ		Dip Tests: 51° at 129.5 m				Logged By: R. Strostein												
Footage		Rock Type	Alteration								Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
0.00	41.76	OVEN															As	Overburden. Boulders in till. Brownish clay matrix. Occasional rounded boulders. Light, variable in size and composition. Hematite chert nodules. Some thin hematite and chert. Sedimentary rock mostly siliceous. Some rounded hematite boulders. Not from here.
41.76	43.25	RHY																Green clay and chert-like stuff. Possible boulders. 2nd hole recovery. Rhyolite and buff boulders.
43.25	42.06	HQ/NQ																Reduced to NQ core.
43.25	48.08	RHYP																Rhyolite porphyry - scattered. Feldspar and quartz, also phenocryst. Pale green, green and red colors. Surface weathering of silicate minerals altered bedrock produced hematite in small irregular splatters. Fine grained disseminated pyrite grains.
													</					

Footage		Rock Type	Alteration								Assays						Description	Page No. 2 of 12
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
					W	P	1/D		Ph	44.75	46.25	1.50	-4241	-	0.2	Altered chertite. Surface weathering - hematite stains. Brecciated. Calcaneous. Fine disseminated pyrite crystals. 100% core recovered.		
					W	P	1/D		Ph	46.25	48.08	1.83	-4242	-	0.2	Altered and weathered chertite. Patchy calcaneous hematite patches. Fine disseminated pyrite. 100% core recovered.		
48.08	59.40	CLP Tuff														Lapilli ash tuff. Lapilli crystal tuff. Variable lapilli. Ash tuff predominates. Brecciated and chertite volcanic, coarse - calcaneous pumice. (Occasional amygdaloidal) clasts. Quartz, clasp, rock, etc. - common. weak to pervasively. Sericite altered light orange brown central matrix or dark grey ash matrix.		
										48.08	49.50	1.42	-4243	-	-	Lapilli crystal tuff. 48.40m - 0.50m white calcite stringers. 1st 48° core angle.		
										49.50	51.00	1.50	-4244	-	-	Lapilli crystal tuff.		
										51.00	52.50	1.50	-4245	-	-	Lapilli crystal tuff - lapilli ash tuff. Fine dark green ash matrix. 51.65m - shear zone central of hematite rich clasts and grey clay rich zone to 51.90m. 40° core angle on clay seam at 51.80m. Clay altered chertite porphyry fragments 51.80-52.50m. Weathering clay?		
										52.50	54.00	1.50	-4246	-	-	Lapilli ash tuff. Clay and sericite altered porphyry clasts in dark green fine grained ash matrix. 52.92m at 35° and 60° core angles.		

Hole No. 146

Page No. 3 of 12

Footage		Rock Type	Alteration							Assays					Description	Page No.	3612		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm			
											54.00	55.50	1.50	-4247	-	-	Lapilli ash tuff. Quartz pebbles clastic. Contains sparse alteration 54.50m - 4cm clay seam 70° core angle.	6	
											55.50	57.00	1.50	-4248	-	0.2	Lapilli ash tuff	16	
											57.00	58.50	1.50	-4249	-	-	Lapilli crystal ash tuff	14	
											58.50	59.40	0.90	-4250	-	0.2	Lapilli crystal tuff. Clay at lower contact lost core. Crushed by core with clay matrix 59.00 - 59.40m. 65% core recovery.	12	
59.40	63.70	RLYP															Light grey fine grained rhyolite with fine feldspar and quartz, euge. Phenocrysts locally weakly brecciated.		
											59.40	60.90	1.50	-4251	-	-	Rhyolite. 60.66 - 60.74m tuffaceous infilling; coarse seams. Core broken up by 95% recovery.	10	
											60.90	62.40	1.50	-4252	-	0.2	Rhyolite. Good core recovery with white pieces up to 50cm Dark waxy solution?	14	
											62.40	63.70	1.30	-4253	-	-	Rhyolite 62.52m - 3cm clay seam and tuff band at 48° core angle. Core blocky and broken from 62.8 - lower contact. 95% recovery.	6	
63.70	68.25	CLP TUFF															Lapilli crystal tuff. Felsic Lapilli clasts with permin in grey brown fine grained matrix. Lower contact at 18° core angle. Fault zone at 67.67m.		

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Footage		Rock Type	Alteration								Assays						Description	Page No.	8 of 12
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
									W	98.25	99.75	1.50	-4277	-	0.4	Rhyolite. Medium grained scintillated altered rhyolite to 98.35m. 98.35-98.47m 3cm orange clay seam with calcite fragments and 4cm black carbonaceous clay band. Core under preservation at approximately 50% clay. No other alteration visible; remainder of interval 98.68-98.36m hematite with fine wispy calcite stringers. 100% core recovery.			
						m	M		W	99.75	101.25	1.50	-4278	-	-	Rhyolite. Moderate pervasive scintillated alteration. Day weathering. Calcareous. 30% core recovery.	L2		
						m	m			101.25	102.50	1.25	-4279	-	0.2	Rhyolite. Medium grained. Moderate pervasive scintillated alteration. Calcareous. Clay rich seam 2cm wide 101.00-101.20 m at 36° core angle. 100% core Recovery.	L2		
102.50	112.40	Vol														Hemalined intermediate volcanic. Pale grey green with massive hematite interstitial in breccia zones or disseminated through massive intervals. Upper contact 22cm dark grey clay rich zone at 30° core angle. Coarse sandy (grainy) texture.			
						P				102.50	104.00	1.50	-4280	-	-	Intermediate volcanic hemalined Very calcareous. Wispy white calcite stringers. 100% core recovery.	L2		
						P				104.00	105.50	1.50	-4281	-	-	Hemalined intermediate volcanic. Strongly caliche. Wispy white calcite stringers. Hematite ore fractures or as cross cutting stringers.	L2		

100% Cu recovery

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Footage		Rock Type	Alteration							Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
					P					105.50	107.00	1.50	-4282	-	-	Greenish intermediate volcanic. Strong calcareous. 100% core recovery.
															12	
					M					107.00	108.50	1.50	-4283	-	-	Green calcareous intermediate volcanic. Black matrix lithic and green. Sub-parallel to core. 105.10 - 107.45m.
															4	
					M					108.50	110.00	1.50	-4284	-	-	Green medium grained calcareous intermediate volcanic with hornblende stringers and scattered fine white calcite "chips". Black vitric tuff bands at 109.50m - 3cm and 109.57m - 2cm at 62° core angles. 100% core recovery.
															62	
					M					110.00	111.50	1.50	-4285	-	-	Green medium grained calcareous intermediate volcanic. Maroon intense (10%) fine white wispy calcite stringers predominant, sub parallel to core axis. Patchy maroon sections with disseminated hornblende.
															2%	
					P					111.50	112.40	0.90	-4286	-	-	Green and maroon medium grained intermediate volcanic. Calcareous. White calcite stringers.
															4	
112.40	112.95	FAT														lost core. 10 cm clay core recovered. Contact with breccia fragment at 80° core angle. Pale grey green clay with streaky rusty patches.

Footage		Rock Type	Alteration							Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
112.95	119.55	LAPILLI TUFF														Lapilli tuff. Mason to dark area crystal matrix. Mason colorless. Basal area brown. Basal area very dark grey. Locally black in situ.
										112.95	114.45	1.50	-4287	-	-	Lapilli tuff. Mason - hematite tuff matrix local black vitric bands with narrow stained intermediate volcanic and felsic volcanic lithic and lapilli clasts. Minor wispy discontinuous white calcite stringers. 100% core recovery.
										114.25	116.15	1.75	-4288	-	-	Lapilli tuff. Intermediate volcanic clasts in mason crystal/ash matrix. Generally white to light tan. Some 35% core recovery.
										116.15	117.65	1.50	-4289	-	0.2	Lapilli tuff. Intermediate clasts with increasing rhyolite content. Black grey to black crystal/ash matrix. 116.25-116.55m black carbonaceous muddy clay breccia seam at 48° core angle. 116.90m blue clay shear seam with black carbonaceous breccia up hole and felsic lapilli tuff down hole. 36° core angle. Shear zone - from intermediate to felsic volcanic clasts in lapilli tuff.
116.25	116.90	SHEAR														
										117.65	119.55	1.90	-4290	-	-	Felsic lapilli tuff in black vitric tuff and grey brown - mason crystal tuff matrix. Seisite altered rhyolite porphyry fragments and hematitic rhyolite clasts. Minor wispy irregular fine calcite stringers.

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 147	Grid: MAIN (NORANDA)	Claim: CANYON 11 (YA75727)	Page 1 of 10
Depth: 148.13 m	Coordinates - Northing 94060 N	Bearing: (019°) GRID NORTH	Date Started: August 9, 1993.
Angle: -30°	- Easting: 114600 E		Date Completed: August 12, 1993
Core Size: HQ/NQ-at 67.06m	Dip Tests: 51°@ 148.1 m		Logged By: R. Stroschein

Footage		Rock Type	Alteration								Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
0.00	64.01	OUBN														Stagnant fill. Boulders, clay, sand and pebbles. 10% varied. Boulders with grey-green quartz. Calcic porphyry boulders throughout and most common at depth. Other rock types are predominantly sedimentary rocks of sandstone, argillite, chert and limestone. Rare greenstone and volcanic rocks.
												</				

Hole No. 147

Page No. 2 of 10

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	2 of 10
64.01	68.85	OVBV															Weathered bedrock. Rusty orange weathered boulders and fragments of grey felsic tuff and rhyolite. Other float boulders (mainly - felsic into holoclastic rocks, possibly?) within the interval.
											64.01	68.85	4.57	904500	-	-	Pieces and fragments of weathered rhyolite and felsic boulders. Bright orange limonite weathering. Occasional fine grained quartz pebbles.
68.85	148.13	CLP TUFF															Felsic crystal lapilli - lithic tuff. Lithic and lapilli clasts of rhyolite porphyry in grey crystal tuff matrix. Partially welded. Float boulders are commonly fused at upper end.
											68.85	71.00	2.15	-4301	-	-	Crystal lithic tuff. Locally weathered with limonite along fractures or within the rock at upper end of interval. Lithic lapilli clasts of quartz felsic porphyry. Core broken up in small whole pieces. 95% core recovery.
											71.00	72.50	1.50	-4302	-	-	Crystal lapilli tuff. Orange weathering limonite. Fractured core and clay seam at 71.55m after lapilli tuff section. Black shale / argillite fragments. Clay seam on fracture sub-parallel coarse. Felsic volcanic lapilli and lithic clasts. 95% core recovery.

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Footage		Rock Type	Alteration							Assays						Description	Page No.
From (m)	To (m)		S	A	C ⁺	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		3 of 10
		CLP			M					72.50	74.00	1.50	-4303	—	—	Crystal lapilli - lithic tuff. Partially welded	
		TUFF													2	Fused fragment boundaries. Scattered rounded block	
																Unconsolidated brown sandstone and ore fragments	
																disseminated within the crystal matrix and pumice with	
																100% core recovery. abundant "phenocrysts" porphyry clasts which	
																"are angular. Carbonate altered "phenocrysts"	
																100% core recovery.	
					M					74.00	75.50	1.50	-4304	—	—	Crystal lapilli - lithic tuff. Fused boundaries. A. clasts	
															42	Unconsolidated black argillaceous and brown pumice lithic clasts	
																with iron in. Basaltic volcanic clasts and abundant	
																carbonate altered "phenocrysts".	
					M					75.50	77.00	1.50	-4305	—	—	Crystal lapilli - lithic tuff. Fused basaltic clasts. Abundant	
															4	white calcite "phenocrysts". Within matrix or	
																lithic and lapilli clasts. 95% core recovery.	
																Calcite "phenocrysts" 25%. Coarse grains up to 1cm.	
					M					77.00	78.50	1.50	-4306	—	—	Crystal lapilli - lithic tuff. Calcite "phenocrysts"	
															42	at 20%. Broken core sections. 35% core recovery	
					M					78.50	80.00	1.50	-4307	—	—	Crystal lapilli - lithic tuff. Fused basaltic clasts	
															2	chance carbonate "phenocrysts" 95% core recovery	
					M					80.00	81.50	1.50	-4308	—	—	Crystal lapilli - lithic tuff. Fused basaltic clasts.	
															6	Fine calcite "phenocrysts" 15%. 80.75-81.40m	
																lapilli of sandy tan intermediate tuff. 100%	
																core recovery.	

Hole No. 147

Page No. 4 of 10

Footage		Rock Type	Alteration							Assays					Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm
		CLP			M					81.50	83.00	1.50	-4309	—	—	Crystal lithic tuff. 10-15% calcite "phenocrysts"
		TUFF													2	81.50m - 5cm thrust rock and clay seam at 57° core angle. 81.65m - 2cm clay seam at 60° core angle. 81.87m - 5cm clay seam at 77° core angle. 100% core recovery.
					M					83.00	84.50	1.50	-4310	—	—	Crystal lithic tuff. 3-10% calcite "phenocrysts"
															2	Felsic and sedimentary (rounded) clasts. Irregular broken clasts with occasional sub-parallel fractures. 100% core recovery.
					M					34.50	36.00	1.50	-4311	—	—	Crystal lithic-lapilli tuff. Fused boundaries - felsic fragments. Rounded black argillite and siltstone clasts. Medium to coarse calcite "phenocrysts" 10%. 85.30m - fine felsic stringers in 1cm band at 30° core angle. 100% core recovery.
					M					86.00	87.50	1.50	-4312	—	—	Crystal lapilli-lithic tuff. Black highlights fragment boundaries on argillite clasts. Fine rounded sedimentary clasts. Fine white calcite "phenocrysts" 8-10%.
					M					87.50	89.00	1.50	-4313	—	—	Crystal lapilli-lithic tuff. Black vitric rimming of argillite clasts. 88.30m - 10cm black limestone lapilli clast. 8-10% white calcite "phenocrysts".
					M					89.00	90.50	1.50	-4314	—	—	Crystal lithic tuff. 5-7% fine to coarse calcite "phenocrysts".

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Page No. 5 of 10

Footage		Rock Type	Alteration							Assays					Description	Page No.	58/10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
		CLP TUFF			N						90.50	92.00	1.50	-4315	—	—	Crystal lapilli-lithic tuff. Rhyolite porphyry clasts in fine grained green mineral matrix. 5-7% white calcite "phenocrysts". 21.95m - broken core and clay seam at 70° core angle. 95% core recovery.
					N						92.00	93.50	1.50	-4316	—	—	Crystal lapilli-lithic tuff. Black vitric rimming of rhyolite porphyry clasts. 100% core recovery. Calcite "phenocrysts" 5%.
					M						93.50	95.00	1.50	-4317	—	—	Crystal lapilli-lithic tuff. Weak vitric rimming. Coarse calcite "phenocrysts" 5%. 95% core recovery.
					M						95.00	96.50	1.50	-4318	—	—	Crystal lapilli-lithic tuff. 5% medium calcite "phenocrysts". Whole core pieces up to 35cm. 100% core recovery.
					M						96.50	98.00	1.50	-4319	—	—	Crystal lapilli-lithic tuff. Local vitric rimming of rhyolite porphyry clasts. Coarse calcite "phenocrysts" at 5-7%. Whole core pieces up to 90cm. 100% core recovery.
					M						98.00	99.50	1.50	-4320	—	0.2	Crystal lapilli-lithic tuff. Black vitric rimming of rhyolite porphyry clasts. 3-5% calcite "phenocrysts". Whole core pieces up to 70cm. 100% core recovery. 89.90m - 6cm of clay seams & broken core at 30° core angle.
					M						99.50	101.00	1.50	-4321	—	—	Crystal lapilli-lithic tuff. Local vitric rimming of rhyolite porphyry clasts. 5-7% calcite "phenocrysts".

Hole No. 147
Page No. 6 of 10

Footage		Rock Type	Alteration							Assays					Description	Page No.	6 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	
		CLP			M.					101.00	102.50	1.50	-4322	—	—	Crystal lapilli-lithic buff. Black vitric rimming of rhizolite porphyry lapilli. Rounded sedimentary lithic clasts and 2 intermediate volcanic lapilli at 101.30m. Large whole pieces of core. 100% recovery. 3-5% calcite "phenocrysts".	
		TUFF													4		
					M					102.50	104.00	1.50	-4323	—	—	Grey brown crystal lapilli-lithic buff. 3-5% calcite phenocrysts. Fine black seams along sub-parallel fractures. Whole core piece 120cm. 100% core recovery.	
					M					104.00	105.50	1.50	-4324	—	—	Grey brown crystal lapilli-lithic buff. 3-5% coarse calcite "phenocrysts". Brecciated in coarse irregular fractures with clay seams. 90% core recovery.	
					M					105.50	107.00	1.50	-4325	—	—	Grey brown crystal lapilli-lithic buff. 3% coarse calcite "phenocrysts". 105.80-106.10m clay seams on fractures cross cutting core at angles from 60-90°.	
					W					107.00	108.50	1.50	-4326	—	—	Grey brown crystal lapilli-lithic buff. 3% coarse calcite "phenocrysts". 100% core recovery.	
					W					108.50	110.00	1.50	-4327	—	0.2	Grey brown crystal lithic buff. 3% coarse fine calcite "phenocrysts". 109.50-110.0m clay seam on fractures at 6° core angle. 100% core recovery.	
					W					110.00	111.50	1.50	-4328	—	0.2	Grey brown crystal lapilli-lithic buff. 2-3% medium calcite "phenocrysts". Irregular coarse fractures network with minor clay. Black vitric rimming of occasional gfp clasts. 100% core recovery.	

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Page No. 7 of 10

Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	7 of 10
		CLP			W						111.50	113.00	1.50	-4329	—	—	Grey brown crystal lapilli - lithic buff. 1-2% coarse calcite phenocrysts. 111.50 - 111.65m - clay seam across within at 90-95° core angles. 112.0m - 2cm clay breccia seam at 33° core angle. 100% core recovery.
		TUFF														4	
					W						113.00	114.50	1.50	-4330	—	—	Green brown crystal lithic buff. 1-2% calcite (medium) "phenocrysts". 113.90 - 114.20m clay with pyrite - breccia. 100% core recovery.
					W						114.50	116.00	1.50	-4331	—	0.2	Green brown crystal lapilli - lithic buff. Black vitreous rimming on occasional clasts. 1-2% calcite "phenocrysts". 115.15m fine clay seam on sharp fracture at 30° core angle.
					W						116.00	117.50	1.50	-4332	—	4	Green brown crystal lapilli - lithic buff. Black vitreous rimming on gabbro clasts. Heterolithic clasts although predominantly quartz, feldspar, porphyry (grey green). Also black shale, black limestone, intermediate volcanics. 1-2% medium to coarse calcite "phenocrysts".
					W						117.50	119.00	1.50	-4333	—	0.2	Green brown crystal lithic buff. 2-3% medium calcite "phenocrysts". Black vitreous rimming of clasts. Partially welded or flow banded rhyolite clasts.
					W						119.00	120.50	1.50	-4334	—	0.2	Green brown crystal lapilli - lithic buff. Black vitreous rimming of quartz, feldspar porphyry clasts. Medium to coarse calcite phenocrysts 3%.

Hole No. 147

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Footage		Rock Type	Alteration							Assays					Description	Page No.	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb		Ag ppm	9 of 10
		CLP			W						131.00	132.50	1.50	-4342	—	—	Green brown crystal lapilli - lithic buff. 1-2% fine to coarse calcite "phenocrysts". Black vitric rimming on gfp clasts. 131.00 - 131.90m clay seams interstratified with angular brown fragments. Flow banded rhyolite clasts at 132.46m.
		TUFF														22	
					W						132.50	134.00	1.50	-4343	—	0.2	Gray brown crystal lapilli - lithic buff. 1% spotted calcite "phenocrysts". Black vitric rimming on occasional gfp clasts.
																22	
					W						134.00	135.50	1.50	-4344	—	4	Gray brown crystal lapilli - lithic buff. 1-2% fine to coarse calcite "phenocrysts". White core pieces up to 56 cm. 100% core recovery.
					W						135.50	137.00	1.50	-4345	—	2	Gray brown crystal lapilli - lithic buff. Black vitric rimming of gfp clasts. 1-2% calcite "phenocrysts".
					W						137.00	138.50	1.50	-4346	—	22	Light grey, brown - tan crystal lapilli - lithic buff. Black vitric rimming of gfp clasts. 138.10m - 138.10m gfp clast. 137.45m - Sharp fracture at 24° core angle. Calcite fragments.
											138.50	140.00	1.50	-4347	—	0.2	Light greenish tan crystal lapilli - lithic buff. Occasional black vitric rimming of gfp clasts. Rare calcite "grains". Sandy tan matrix. 139.82m - Fine white calcite stringers on echelon at 43° core angle.
																22	
											140.00	141.50	1.50	-4348	—	0.2	Gray brown to tan crystal lapilli - lithic buff. 140.58m - clay seam at 35° core angle start of fault zone. Clay weathering with clay seam in fractures. Clay seam along
																4	
core (sub-parallel) fracture from clay seam to 141.00m																	

DIAMOND DRILL LOG

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CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 149		Grid: 3 FINGER LAKE		Claim: GRAND 130 (YAB5365)		Page 1 of 2											
Depth: 72.54 m		Coordinates - Northing 37135N		Bearing: SOUTH		Date Started: Aug 19											
Angle: -60°S		- Easting: 64100E				Date Completed: Aug 22											
Core Size: HQ		Dip Tests: NONE				Logged By: JSW											
Footage		Rock Type	Alteration								Assays						Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	75.54	OVBN															Glacial Till - Pebbles, cobbles & boulders in a dark gray clay (with some sand) matrix. Clasts of varied lithologies with no apparent trends in rock types or sorting of clast size. Sedimentary rocks the most abundant - with sst, argillite & lat present. Intrusive rocks of varied composition also. Recovery is poor - zero for some runs. Matrix washed away where sandier?

Page No. 2.

[illegible]

CARLOS GOLD PROJECT

DIAMOND DRILL LOG

Hole No.: 150		Grid: NOR (MAIN)		Claim: CANYON 11 (YAT5727)		Page 1 of 2											
Depth: 102.7m		Coordinates - Northing 94600 N		Bearing: 019° (GRID NORTH)		Date Started: Aug 23/93											
Angle: -60°N		- Easting: 114500 E				Date Completed: Aug 26/93											
Core Size: NQ		Dip Tests: -57° @ 82 m				Logged By: R. Stroschein											
Footage		Rock Type	Alteration							Assays						Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0.00	40.00	DVBN															Glacial fill. Dark grey clay matrix with pebbles, cobbles and boulders of sandstone, siltstone, limestone, quartz, and shale. Rhyolite are largest portion at depth after 16m.

Hole No. 150

Page No. 2 of 2

Footage		Rock Type	Alteration								Assays					Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										10.60	12.20	1.60	T30926	4	0.2	Dark grey calcareous clay rich fill with pebbles and cobbles of sedimentary rocks and rhyolite. 60% clay.
															8	
										12.20	13.70	1.50	T30927	7	0.2	Very dark grey calcareous clay with fill (65%) with pebbles, cobbles and rare boulders of sedimentary rocks and rhyolite.
															6	
										13.70	15.50	1.80	T30928	7	0.2	Dark grey calcareous rich fill (60%). Fully pyrolyzed and sedimentary cobbles, pebbles and rare boulder.
															6	
										18.30	19.80	1.50	T30929	4	0.4	50% dark grey calcareous till fill with abundant siltstone pebbles and cobbles with rounded sedimentary cobbles and pebbles.
															10	
										24.40	25.90	1.50	T30930	5	0.4	Dark grey calcareous clay rich fill. 75% core recovery. Abundant rhyolite pebbles, cobbles and minor boulders. Weak to moderate peroxide alteration of volcanic.
															8	
										25.90	27.40	1.50	T30931	6	0.2	Dark grey calcareous clay rich fill. Rhyolite and sedimentary rock pebbles cobbles and small boulders. 75% core recovery.
															6	
40.00	102.7	OVBH														
	102.7	EOH														
																Gravel and sand with local clay sections and pebbles to cobbles of volcanic and sedimentary rocks.
																End of hole Target depth reached in overburden.

APPENDIX 4
ANALYTICAL ASSAY RESULTS
CHEMX LABS LTD.



Chemex Labs Ltd.

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To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project:
Comments:

CGP

Robert

Page Number: 1-A
Total Pages: 2
Certificate Date: 14-JUL-93
Invoice No.: 19316751
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9316751

SAMPLE	PREP CODE	Au ppb RUSH	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
545201	255 292	20	0.2	0.66	8	130	0.5	< 2	2.09	< 0.5	11	89	16	3.48	< 10	< 1	0.29	20	0.93	835
545202	255 292	< 5	< 0.2	1.59	2	250	0.5	< 2	3.65	< 0.5	23	68	32	5.20	10	< 1	0.24	30	2.27	1045
545203	255 292	< 5	< 0.2	1.33	2	200	< 0.5	< 2	4.60	0.5	21	61	29	4.97	10	< 1	0.26	20	2.45	1100
545204	255 292	20	< 0.2	1.75	2	240	1.0	< 2	3.53	< 0.5	24	68	34	5.49	10	< 1	0.31	30	2.20	1135
545205	255 292	< 5	< 0.2	2.10	2	140	< 0.5	< 2	2.87	< 0.5	24	93	33	5.11	10	< 1	0.15	30	2.34	855
545206	255 292	< 5	< 0.2	1.84	2	140	< 0.5	< 2	3.03	0.5	24	87	33	5.16	10	< 1	0.18	30	2.35	905
545207	255 292	< 5	< 0.2	1.88	2	220	0.5	< 2	3.80	< 0.5	24	70	32	5.24	10	< 1	0.26	30	2.30	1020
545208	255 292	< 5	< 0.2	0.50	10	80	< 0.5	< 2	0.91	< 0.5	2	114	11	2.23	< 10	< 1	0.34	20	0.33	575
545209	255 292	10	0.2	0.42	36	60	0.5	< 2	1.39	< 0.5	8	70	35	2.78	< 10	< 1	0.31	10	0.45	665
545210	255 292	45	0.4	0.41	42	60	< 0.5	< 2	0.17	< 0.5	2	73	9	2.92	< 10	< 1	0.30	20	0.14	480
545211	255 292	10	< 0.2	0.35	46	50	0.5	< 2	0.13	< 0.5	1	73	10	2.76	< 10	< 1	0.30	20	0.11	370
545212	255 292	110	0.4	0.56	28	60	0.5	< 2	0.30	< 0.5	1	115	11	3.75	< 10	< 1	0.37	20	0.06	170
545213	255 292	115	0.6	0.70	56	50	0.5	< 2	0.88	< 0.5	4	142	8	3.99	< 10	< 1	0.41	10	0.15	435
545214	255 292	20	< 0.2	0.50	20	80	< 0.5	< 2	0.20	< 0.5	3	136	6	2.63	< 10	< 1	0.36	20	0.11	590
545215	255 292	10	< 0.2	0.44	34	70	< 0.5	< 2	0.57	< 0.5	2	101	7	2.75	< 10	< 1	0.30	20	0.09	595
545216	255 292	< 5	< 0.2	0.37	10	50	< 0.5	< 2	0.90	< 0.5	1	100	8	2.64	< 10	< 1	0.26	20	0.11	750
545217	255 292	< 5	< 0.2	0.44	2	80	< 0.5	< 2	0.99	< 0.5	1	124	7	2.68	10	< 1	0.28	30	0.15	770
545218	255 292	10	< 0.2	0.35	10	80	< 0.5	< 2	0.79	< 0.5	2	84	10	2.63	< 10	2	0.25	20	0.12	680
545219	255 292	< 5	< 0.2	0.34	2	60	< 0.5	< 2	0.72	0.5	2	86	9	2.64	10	< 1	0.23	40	0.14	650
545220	255 292	< 5	0.2	0.67	2	80	< 0.5	< 2	1.00	< 0.5	2	134	7	2.75	10	< 1	0.39	60	0.15	715
545221	255 292	< 5	< 0.2	0.58	2	70	< 0.5	< 2	0.96	< 0.5	1	175	10	2.36	< 10	< 1	0.36	20	0.12	665
545222	255 292	< 5	< 0.2	1.24	4	240	1.5	< 2	5.24	< 0.5	27	53	34	5.18	< 10	< 1	0.42	20	2.41	1020
545223	255 292	< 5	< 0.2	0.90	28	170	1.5	< 2	7.02	< 0.5	27	44	29	5.28	< 10	< 1	0.46	20	2.50	1215
545224	255 292	< 5	< 0.2	2.15	10	200	1.5	< 2	4.89	< 0.5	26	59	33	5.41	10	1	0.41	20	2.70	1110
545225	255 292	55	< 0.2	0.79	54	80	0.5	< 2	0.47	< 0.5	9	273	85	3.73	< 10	< 1	0.47	10	0.30	415
545226	255 292	10	< 0.2	0.60	26	70	< 0.5	< 2	0.18	< 0.5	1	226	11	2.21	< 10	< 1	0.37	30	0.15	460
545227	255 292	20	< 0.2	0.46	18	30	< 0.5	< 2	0.29	< 0.5	1	294	4	0.98	< 10	< 1	0.26	10	0.08	185
545228	255 292	< 5	< 0.2	0.58	42	70	< 0.5	< 2	0.80	< 0.5	5	157	18	2.38	< 10	< 1	0.42	10	0.21	630
545229	255 292	< 5	< 0.2	0.47	44	80	0.5	< 2	1.01	< 0.5	6	137	19	2.28	< 10	< 1	0.40	10	0.17	495
545230	255 292	15	< 0.2	0.43	50	60	0.5	< 2	1.31	< 0.5	6	158	25	2.38	< 10	< 1	0.36	10	0.13	520
545231	255 292	45	< 0.2	0.57	60	60	< 0.5	2	0.71	< 0.5	2	262	14	1.66	< 10	< 1	0.43	10	0.04	260
545232	255 292	< 5	< 0.2	0.46	2	60	< 0.5	< 2	1.52	< 0.5	1	165	7	2.46	< 10	2	0.39	20	0.13	790
545233	255 292	< 5	< 0.2	0.52	2	60	< 0.5	< 2	1.13	< 0.5	2	126	7	2.68	10	< 1	0.40	30	0.12	660
545234	255 292	< 5	< 0.2	0.43	8	60	< 0.5	< 2	1.02	< 0.5	2	135	8	2.67	< 10	< 1	0.30	30	0.10	670
545235	255 292	< 5	< 0.2	0.61	32	70	< 0.5	< 2	1.33	< 0.5	3	168	7	2.96	< 10	< 1	0.41	20	0.10	780
545236	255 292	< 5	< 0.2	0.84	10	60	< 0.5	< 2	0.89	< 0.5	1	132	6	2.96	10	< 1	0.28	30	0.13	705
545237	255 292	< 5	< 0.2	0.83	8	60	< 0.5	< 2	0.95	< 0.5	1	146	6	2.79	10	< 1	0.30	30	0.12	700
545238	255 292	< 5	< 0.2	0.93	4	60	< 0.5	< 2	0.79	< 0.5	1	128	6	2.91	10	< 1	0.25	40	0.13	680
545239	255 292	5	< 0.2	0.65	28	70	< 0.5	< 2	1.23	< 0.5	1	185	7	2.70	10	< 1	0.39	30	0.11	780
545240	255 292	5	0.2	0.69	26	70	< 0.5	< 2	1.18	< 0.5	1	161	7	2.80	10	< 1	0.33	30	0.11	725

CERTIFICATION:

Hart Bickler



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WHITEHORSE, YT
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Project: CGP
Comments:

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Total Pages: 2
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Account: F

CERTIFICATE OF ANALYSIS

A9316751

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545201	255 292	2	0.09	17	710	18	6	4	119	< 0.01	< 10	< 10	12	10	84
545202	255 292	1	0.17	34	1720	< 2	4	12	279	< 0.01	< 10	< 10	70	30	70
545203	255 292	< 1	0.13	32	1570	2	10	10	364	< 0.01	< 10	< 10	53	20	66
545204	255 292	2	0.18	37	1830	< 2	10	12	224	< 0.01	< 10	< 10	77	30	74
545205	255 292	1	0.13	40	1840	4	< 2	13	188	0.06	< 10	< 10	120	20	70
545206	255 292	2	0.13	38	1780	2	8	12	197	0.05	< 10	< 10	110	30	72
545207	255 292	< 1	0.15	36	1750	< 2	4	12	269	0.02	< 10	< 10	90	30	68
545208	255 292	2	0.05	3	190	26	< 2	1	53	< 0.01	< 10	< 10	3	< 10	92
545209	255 292	3	0.06	10	410	22	2	1	76	< 0.01	< 10	< 10	4	30	90
545210	255 292	2	0.06	2	210	26	4	1	17	< 0.01	< 10	< 10	1	< 10	106
545211	255 292	2	0.06	2	230	38	< 2	< 1	17	< 0.01	< 10	< 10	1	< 10	142
545212	255 292	3	0.07	2	210	30	4	1	27	< 0.01	< 10	< 10	1	< 10	120
545213	255 292	1	0.07	3	230	32	4	1	77	< 0.01	< 10	< 10	4	< 10	108
545214	255 292	3	0.07	3	250	36	< 2	1	17	< 0.01	< 10	< 10	1	< 10	120
545215	255 292	2	0.07	3	180	26	< 2	1	34	< 0.01	< 10	< 10	1	< 10	118
545216	255 292	1	0.06	2	170	26	2	1	42	< 0.01	< 10	< 10	1	< 10	124
545217	255 292	2	0.08	2	200	18	2	2	54	< 0.01	< 10	< 10	2	< 10	110
545218	255 292	2	0.06	1	180	22	< 2	1	43	< 0.01	< 10	< 10	1	< 10	110
545219	255 292	2	0.06	2	260	26	< 2	2	33	< 0.01	< 10	< 10	2	< 10	126
545220	255 292	2	0.09	< 1	260	20	< 2	2	43	< 0.01	< 10	< 10	3	< 10	120
545221	255 292	2	0.07	2	180	12	< 2	1	47	< 0.01	< 10	< 10	2	< 10	110
545222	255 292	1	0.14	41	1450	4	8	13	342	< 0.01	< 10	< 10	43	30	68
545223	255 292	< 1	0.10	39	1490	4	12	11	426	< 0.01	< 10	< 10	31	30	66
545224	255 292	< 1	0.13	39	1440	4	6	13	289	< 0.01	< 10	< 10	77	30	64
545225	255 292	2	0.05	12	400	22	4	1	34	< 0.01	< 10	< 10	7	< 10	92
545226	255 292	1	0.04	4	250	26	< 2	1	16	< 0.01	< 10	< 10	2	< 10	94
545227	255 292	< 1	0.02	4	140	4	< 2	< 1	22	< 0.01	< 10	< 10	1	< 10	24
545228	255 292	2	0.04	7	370	22	2	1	48	< 0.01	< 10	< 10	3	< 10	102
545229	255 292	1	0.04	11	380	18	4	1	59	< 0.01	< 10	< 10	3	< 10	72
545230	255 292	2	0.03	11	400	26	2	1	70	< 0.01	< 10	< 10	3	< 10	86
545231	255 292	1	0.04	6	180	18	2	< 1	45	< 0.01	< 10	< 10	1	< 10	70
545232	255 292	1	0.03	1	220	18	< 2	1	63	< 0.01	< 10	< 10	1	< 10	112
545233	255 292	2	0.06	2	210	32	2	2	39	< 0.01	< 10	< 10	2	< 10	112
545234	255 292	1	0.08	1	180	22	< 2	2	32	< 0.01	< 10	< 10	2	< 10	108
545235	255 292	1	0.07	2	220	32	2	2	56	< 0.01	< 10	< 10	2	< 10	118
545236	255 292	2	0.08	1	240	28	< 2	2	30	< 0.01	< 10	< 10	5	< 10	116
545237	255 292	1	0.09	1	220	28	< 2	2	32	< 0.01	< 10	< 10	4	< 10	112
545238	255 292	2	0.09	2	200	22	< 2	2	25	< 0.01	< 10	< 10	5	< 10	116
545239	255 292	2	0.08	2	230	28	< 2	2	49	< 0.01	< 10	< 10	2	< 10	110
545240	255 292	3	0.09	2	230	26	2	2	46	< 0.01	< 10	< 10	3	< 10	112

CERTIFICATION:

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Project: CGP
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Account : F

CERTIFICATE OF ANALYSIS

A9316751

SAMPLE	PREP CODE	Au ppb RUSH	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
545241	255 292	15	0.2	0.64	20	80	< 0.5	< 2	0.92	< 0.5	2	149	6	2.23	< 10	< 1	0.29	10	0.09	465
545242	255 292	< 5	< 0.2	0.63	18	60	< 0.5	< 2	0.83	< 0.5	1	137	9	2.99	< 10	< 1	0.28	10	0.10	585
545243	255 292	< 5	0.2	0.50	2	90	< 0.5	< 2	1.21	< 0.5	< 1	107	9	1.67	< 10	< 1	0.38	20	0.10	540
545244	255 292	< 5	< 0.2	1.76	16	130	0.5	< 2	2.98	< 0.5	25	83	25	5.72	10	< 1	0.22	10	1.22	1120

CERTIFICATION:

Janet Bickler



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Page 1 of 2
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545241	255 292	2	0.08	3	240	22	< 2	1	51	< 0.01	< 10	< 10	3	< 10	110
545242	255 292	2	0.06	2	150	30	2	1	34	< 0.01	< 10	< 10	2	< 10	110
545243	255 292	2	0.06	1	100	42	< 2	1	74	< 0.01	< 10	< 10	1	< 10	112
545244	255 292	< 1	0.08	35	1900	12	6	6	184	< 0.01	< 10	< 10	38	20	142

CERTIFICATION: Hart Bickler



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Project: CGP
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CERTIFICATE OF ANALYSIS

A9317500

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
134 545245H	205 274	< 5	< 0.2	2.93	16	100	< 0.5	< 2	1.27	< 0.5	42	138	121	5.93	< 10	< 1	0.19	< 10	1.64	1145
545246H	205 274	< 5	< 0.2	1.50	< 2	100	< 0.5	< 2	5.53	< 0.5	24	26	25	6.18	< 10	< 1	0.18	20	2.46	1830
545247H	205 274	< 5	< 0.2	3.00	< 2	240	< 0.5	< 2	4.12	< 0.5	26	38	35	6.76	10	< 1	0.29	30	2.75	1225
545248H	205 274	< 5	< 0.2	2.16	14	120	< 0.5	< 2	4.89	< 0.5	25	41	25	6.10	10	< 1	0.19	20	2.58	1285
545249H	205 274	< 5	< 0.2	3.35	< 2	160	< 0.5	2	3.63	< 0.5	28	40	32	7.14	10	< 1	0.17	30	2.76	1200
135 545250H	205 274	< 5	< 0.2	2.82	12	200	< 0.5	4	5.36	< 0.5	25	26	29	6.76	10	< 1	0.27	30	2.74	1300
545251H	205 274	< 5	< 0.2	3.01	4	140	< 0.5	< 2	3.42	< 0.5	21	133	34	4.68	10	< 1	0.18	10	2.71	860
545252H	205 274	< 5	< 0.2	1.87	24	330	< 0.5	4	0.77	< 0.5	13	66	40	4.40	10	< 1	0.29	10	0.63	1100
545253H	205 274	15	< 0.2	0.37	30	100	< 0.5	< 2	1.21	< 0.5	2	99	8	2.30	< 10	< 1	0.28	20	0.08	690
545254H	205 274	< 5	< 0.2	2.20	< 2	150	< 0.5	< 2	3.82	< 0.5	23	91	33	5.51	10	< 1	0.06	30	2.53	1155
136 545255H	205 274	< 5	< 0.2	1.94	18	230	< 0.5	< 2	3.17	< 0.5	20	98	31	5.02	10	< 1	0.23	20	1.89	1050
545256H	205 274	< 5	< 0.2	1.28	16	200	< 0.5	4	0.45	< 0.5	11	197	25	3.07	< 10	< 1	0.28	20	0.60	490
545257H	205 274	10	< 0.2	1.42	6	160	< 0.5	< 2	1.97	< 0.5	9	145	19	2.90	< 10	< 1	0.20	10	0.65	890
545258H	205 274	< 5	< 0.2	1.37	4	150	< 0.5	4	0.59	< 0.5	14	52	35	3.28	< 10	< 1	0.14	10	0.69	450
545259H	205 274	< 5	< 0.2	1.11	14	160	< 0.5	< 2	0.65	< 0.5	7	185	18	2.32	< 10	< 1	0.20	10	0.51	360
545260H	205 274	< 5	< 0.2	0.80	8	90	< 0.5	< 2	1.00	< 0.5	6	128	14	2.01	< 10	< 1	0.10	< 10	0.47	400
545261H	205 274	< 5	< 0.2	0.73	6	130	< 0.5	< 2	1.05	< 0.5	6	133	15	2.02	< 10	< 1	0.15	< 10	0.47	430
545262H	205 274	< 5	< 0.2	1.37	4	210	< 0.5	4	0.63	< 0.5	10	161	24	2.70	< 10	< 1	0.22	10	0.61	415
545263H	205 274	< 5	< 0.2	1.03	6	130	< 0.5	< 2	0.80	< 0.5	10	86	19	2.48	< 10	< 1	0.13	10	0.52	465
545264H	205 274	< 5	< 0.2	1.11	18	150	< 0.5	< 2	1.03	< 0.5	9	92	20	2.75	< 10	< 1	0.13	10	0.53	525
545265H	205 274	< 5	< 0.2	2.53	< 2	350	< 0.5	2	4.33	< 0.5	27	123	51	5.85	10	< 1	0.25	20	2.93	1270
545266H	205 274	< 5	< 0.2	1.50	< 2	210	< 0.5	4	3.36	< 0.5	18	94	28	4.34	< 10	< 1	0.15	10	1.83	955
545267H	205 274	< 5	< 0.2	0.92	8	130	< 0.5	< 2	1.33	< 0.5	2	117	6	2.90	10	< 1	0.25	30	0.27	780
545268H	205 274	< 5	< 0.2	2.64	12	190	< 0.5	< 2	4.47	< 0.5	26	109	34	5.89	10	< 1	0.15	20	2.68	1160
545269H	205 274	< 5	< 0.2	2.00	< 2	220	< 0.5	< 2	1.38	< 0.5	11	91	29	3.36	10	< 1	0.39	30	0.88	585
137 545270H	205 274	< 5	< 0.2	1.92	22	420	< 0.5	< 2	0.77	< 0.5	13	58	37	4.65	< 10	< 1	0.25	10	0.75	1060
545271H	205 274	< 5	< 0.2	2.65	2	120	< 0.5	< 2	6.23	< 0.5	15	45	13	5.11	10	< 1	0.23	10	2.63	1200
545272H	205 274	< 5	< 0.2	2.64	< 2	90	< 0.5	< 2	4.75	< 0.5	15	104	19	4.17	10	< 1	0.12	10	2.23	895
545273H	205 274	< 5	< 0.2	2.87	< 2	110	< 0.5	2	4.57	< 0.5	18	31	21	5.23	10	< 1	0.15	10	2.57	995
545274H	205 274	< 5	< 0.2	3.09	8	180	< 0.5	< 2	5.67	< 0.5	18	37	17	5.18	10	< 1	0.14	10	3.12	930
545275H	205 274	45	< 0.2	0.44	60	80	< 0.5	< 2	1.51	< 0.5	10	95	16	3.98	< 10	< 1	0.30	10	0.85	735
545276H	205 274	130	< 0.2	0.45	120	70	< 0.5	< 2	0.23	< 0.5	2	140	16	2.55	< 10	< 1	0.33	10	0.11	350
545277H	205 274	50	< 0.2	0.32	46	70	< 0.5	< 2	0.60	< 0.5	< 1	118	8	2.29	< 10	< 1	0.25	10	0.12	455
545278H	205 274	15	< 0.2	0.23	24	60	< 0.5	< 2	0.89	< 0.5	1	49	7	2.60	< 10	< 1	0.15	10	0.21	595
545279H	205 274	< 5	< 0.2	1.21	40	120	< 0.5	6	5.12	< 0.5	26	69	26	6.00	< 10	< 1	0.29	20	2.27	1280
545280H	205 274	< 5	< 0.2	0.44	52	120	< 0.5	< 2	6.03	< 0.5	28	30	16	6.08	< 10	< 1	0.21	10	2.27	1510
545281H	205 274	< 5	< 0.2	0.64	28	120	< 0.5	< 2	4.46	< 0.5	22	43	16	5.31	< 10	< 1	0.37	10	1.53	1435
545282H	205 274	< 5	< 0.2	1.41	18	130	< 0.5	< 2	4.63	< 0.5	20	77	16	4.74	< 10	< 1	0.36	10	1.60	1250
545283H	205 274	< 5	< 0.2	3.30	< 2	150	< 0.5	2	5.60	< 0.5	26	156	31	6.03	10	< 1	0.17	20	2.09	1090
545284H	205 274	< 5	< 0.2	3.11	< 2	160	< 0.5	4	4.44	< 0.5	23	60	24	5.92	10	< 1	0.25	20	2.23	1210

CERTIFICATION:

Hart Bickler



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PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP
Comments:

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Certificate Date: 31-JUL-93
Invoice No. 19317500
P.O. Number :
Account :F

CERTIFICATE OF ANALYSIS

A9317500

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545245H	205 274	3	0.05	58	610	8	2	4	97	< 0.01	< 10	< 10	48	< 10	100
545246H	205 274	3	0.07	20	2250	< 2	< 2	7	347	< 0.01	< 10	< 10	55	< 10	66
545247H	205 274	3	0.11	27	2620	< 2	2	9	275	0.12	< 10	< 10	119	< 10	76
545248H	205 274	4	0.07	27	2310	< 2	< 2	8	311	0.01	< 10	< 10	75	< 10	70
545249H	205 274	4	0.09	30	2650	< 2	4	10	256	0.06	< 10	< 10	114	< 10	78
545250H	205 274	5	0.11	25	2700	< 2	6	8	350	0.01	< 10	< 10	83	< 10	78
545251H	205 274	3	0.09	51	750	6	< 2	13	191	< 0.01	< 10	< 10	93	< 10	88
545252H	205 274	3	0.19	40	930	14	< 2	4	93	< 0.01	< 10	< 10	22	< 10	128
545253H	205 274	3	0.08	3	140	24	< 2	1	103	< 0.01	< 10	< 10	1	< 10	104
545254H	205 274	3	0.12	37	1780	< 2	4	13	299	0.01	< 10	< 10	100	< 10	72
545255H	205 274	3	0.12	40	1620	10	< 2	9	260	< 0.01	< 10	< 10	62	< 10	90
545256H	205 274	2	0.08	40	580	14	2	3	59	< 0.01	< 10	< 10	20	< 10	94
545257H	205 274	< 1	0.05	32	680	18	2	3	170	< 0.01	< 10	< 10	24	< 10	72
545258H	205 274	2	0.06	47	770	18	< 2	3	72	< 0.01	< 10	< 10	22	< 10	106
545259H	205 274	1	0.06	27	560	4	< 2	2	62	< 0.01	< 10	< 10	16	< 10	66
545260H	205 274	2	0.03	21	560	4	< 2	2	81	< 0.01	< 10	< 10	13	< 10	42
545261H	205 274	1	0.06	25	530	12	2	2	97	< 0.01	< 10	< 10	11	< 10	56
545262H	205 274	2	0.09	39	620	6	< 2	3	85	< 0.01	< 10	< 10	20	< 10	82
545263H	205 274	2	0.06	33	570	8	< 2	2	85	< 0.01	< 10	< 10	13	< 10	76
545264H	205 274	2	0.08	31	570	12	< 2	2	120	< 0.01	< 10	< 10	15	< 10	86
545265H	205 274	3	0.14	68	2290	< 2	4	13	457	0.03	< 10	< 10	100	< 10	68
545266H	205 274	2	0.10	37	1460	< 2	< 2	8	302	< 0.01	< 10	< 10	48	< 10	62
545267H	205 274	2	0.11	2	240	32	< 2	2	138	< 0.01	< 10	< 10	4	< 10	132
545268H	205 274	3	0.12	43	1800	6	4	12	380	< 0.01	< 10	< 10	96	< 10	70
545269H	205 274	8	0.12	31	1100	26	< 2	4	124	< 0.01	< 10	< 10	53	< 10	134
545270H	205 274	4	0.25	46	1230	20	< 2	5	125	< 0.01	< 10	< 10	26	< 10	124
545271H	205 274	2	0.07	9	1710	< 2	< 2	16	411	0.01	< 10	< 10	131	< 10	118
545272H	205 274	2	0.07	22	1430	2	< 2	9	348	< 0.01	< 10	< 10	112	< 10	82
545273H	205 274	1	0.07	7	1900	4	2	15	296	< 0.01	< 10	< 10	140	< 10	92
545274H	205 274	3	0.15	17	1980	< 2	< 2	14	370	< 0.01	< 10	< 10	130	< 10	104
545275H	205 274	4	0.04	17	890	12	8	3	110	< 0.01	< 10	< 10	9	< 10	104
545276H	205 274	4	0.04	2	200	10	< 2	< 1	20	< 0.01	< 10	< 10	1	< 10	118
545277H	205 274	3	0.04	2	180	8	2	1	33	< 0.01	< 10	< 10	1	< 10	76
545278H	205 274	3	0.04	2	230	12	< 2	1	46	< 0.01	< 10	< 10	2	< 10	88
545279H	205 274	3	0.07	44	2440	6	18	9	301	< 0.01	< 10	< 10	45	< 10	72
545280H	205 274	3	0.07	41	2390	4	16	9	369	< 0.01	< 10	< 10	21	< 10	70
545281H	205 274	3	0.07	31	2350	< 2	8	6	263	< 0.01	< 10	< 10	18	< 10	60
545282H	205 274	1	0.08	30	1880	< 2	10	6	289	< 0.01	< 10	< 10	30	< 10	56
545283H	205 274	1	0.11	45	2100	4	4	12	305	< 0.01	< 10	< 10	104	< 10	128
545284H	205 274	3	0.12	23	2340	4	< 2	7	291	< 0.01	< 10	< 10	78	< 10	70

CERTIFICATION:

David Beckler



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ARCHER CATHRO & ASSOC. (1981) LTD.

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Project: CGP
Comments:

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Total Pages :2
Certificate Date: 31-JUL-93
Invoice No. :19317500
P.O. Number :
Account :F

CERTIFICATE OF ANALYSIS

A9317500

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
545285H	205 274	< 5	< 0.2	2.62	8	110	< 0.5	< 2	1.30	< 0.5	25	138	48	5.05	10	< 1	0.24	30	1.19	1275
545286H	205 274	< 5	< 0.2	2.68	< 2	130	< 0.5	< 2	2.07	< 0.5	26	75	26	5.90	10	< 1	0.25	20	1.38	1515
545287H	205 274	< 5	< 0.2	2.95	6	80	< 0.5	< 2	0.58	< 0.5	27	116	56	6.29	10	< 1	0.22	20	1.19	975
545288H	205 274	< 5	< 0.2	3.15	8	80	< 0.5	< 2	1.27	< 0.5	25	127	38	5.99	10	< 1	0.22	20	1.44	855
545289H	205 274	< 5	< 0.2	2.29	10	200	< 0.5	< 2	4.03	< 0.5	22	77	22	5.05	10	< 1	0.20	20	2.01	1040
545290H	205 274	< 5	< 0.2	2.43	6	220	< 0.5	< 2	4.01	< 0.5	23	75	24	5.16	10	< 1	0.19	20	2.13	1070
545291H	205 274	< 5	< 0.2	2.55	< 2	150	< 0.5	< 2	2.60	< 0.5	23	67	26	5.37	10	< 1	0.25	20	1.75	910
545292H	205 274	< 5	< 0.2	2.13	8	140	< 0.5	< 2	3.49	< 0.5	21	65	18	4.99	10	< 1	0.20	20	2.09	1115
545293H	205 274	< 5	< 0.2	2.73	4	80	< 0.5	< 2	1.32	< 0.5	26	99	28	5.26	10	< 1	0.17	10	1.32	1210
545294H	205 274	< 5	< 0.2	2.26	< 2	80	< 0.5	< 2	0.49	< 0.5	35	88	20	4.71	10	< 1	0.18	20	1.11	1560
545295H	205 274	< 5	0.2	2.62	16	100	< 0.5	< 2	4.49	< 0.5	22	81	17	4.73	10	< 1	0.17	< 10	1.34	1020
545296H	205 274	< 5	< 0.2	2.67	6	110	< 0.5	< 2	1.10	0.5	25	155	23	4.91	10	< 1	0.26	30	1.27	865
545297H	205 274	< 5	< 0.2	2.59	6	110	< 0.5	2	1.63	< 0.5	18	105	39	4.71	10	< 1	0.21	40	1.26	545
545298H	205 274	< 5	< 0.2	3.22	16	100	< 0.5	< 2	2.29	< 0.5	25	149	27	5.77	10	< 1	0.18	40	1.80	920
545299H	205 274	10	< 0.2	2.87	< 2	90	< 0.5	< 2	1.65	< 0.5	26	116	65	5.31	10	< 1	0.22	40	1.55	1030
545300H	205 274	< 5	< 0.2	3.38	8	100	< 0.5	< 2	1.44	< 0.5	26	142	33	5.97	20	< 1	0.23	50	1.79	980
545301H	205 274	< 5	< 0.2	3.18	20	70	< 0.5	< 2	2.03	< 0.5	25	159	45	5.59	10	< 1	0.18	40	1.85	1015
545302H	205 274	< 5	< 0.2	3.08	12	90	< 0.5	< 2	1.06	< 0.5	25	124	30	5.90	10	< 1	0.21	30	1.40	950
545303H	205 274	< 5	< 0.2	2.66	8	80	< 0.5	< 2	2.53	< 0.5	21	95	22	5.56	10	< 1	0.14	20	1.75	795
545304H	205 274	5	< 0.2	2.82	12	100	< 0.5	< 2	2.97	< 0.5	24	129	29	5.42	10	< 1	0.18	10	1.63	920
545305H	205 274	< 5	< 0.2	2.77	34	110	< 0.5	< 2	2.63	0.5	18	116	37	4.59	10	< 1	0.18	10	1.75	645
545306H	205 274	< 5	< 0.2	3.85	52	100	< 0.5	< 2	5.23	< 0.5	22	106	15	5.06	10	< 1	0.17	< 10	3.00	755
545307H	205 274	< 5	< 0.2	3.40	18	110	< 0.5	< 2	8.17	< 0.5	33	71	23	6.29	10	< 1	0.07	< 10	2.45	1035
545308H	205 274	< 5	< 0.2	3.58	32	70	< 0.5	< 2	9.04	< 0.5	34	39	29	6.73	10	< 1	0.04	< 10	2.16	1100
545309H	205 274	< 5	< 0.2	1.32	6	90	0.5	< 2	3.67	< 0.5	9	54	< 1	2.11	10	< 1	0.11	< 10	0.83	550

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Project : CGP
Comments:

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Certificate Date: 31-JUL-93
Invoice No. : I9317500
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9317500

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545285H	205 274	< 1	0.08	43	460	18	< 2	4	121	< 0.01	< 10	< 10	35	< 10	100
545286H	205 274	< 1	0.10	40	1020	12	< 2	6	153	< 0.01	< 10	< 10	47	< 10	98
545287H	205 274	< 1	0.06	46	580	20	< 2	5	46	< 0.01	< 10	< 10	46	< 10	138
545288H	205 274	< 1	0.06	53	720	8	2	6	96	< 0.01	< 10	< 10	54	< 10	132
545289H	205 274	< 1	0.17	36	1810	4	< 2	11	310	0.02	< 10	< 10	95	10	74
545290H	205 274	< 1	0.19	37	1750	6	2	10	318	0.01	< 10	< 10	92	10	74
545291H	205 274	< 1	0.10	35	1270	4	< 2	9	189	0.01	< 10	< 10	62	< 10	80
545292H	205 274	1	0.10	30	1840	4	< 2	10	238	0.02	< 10	< 10	67	10	70
545293H	205 274	< 1	0.06	44	740	14	< 2	4	89	< 0.01	< 10	< 10	36	< 10	100
545294H	205 274	< 1	0.04	42	390	6	< 2	3	47	< 0.01	< 10	< 10	23	< 10	80
545295H	205 274	< 1	0.05	43	590	16	2	4	300	< 0.01	< 10	< 10	30	10	94
545296H	205 274	< 1	0.07	46	720	12	< 2	4	78	< 0.01	< 10	< 10	43	< 10	126
545297H	205 274	< 1	0.03	31	730	16	< 2	5	70	< 0.01	10	< 10	55	< 10	92
545298H	205 274	< 1	0.04	50	1000	8	< 2	7	105	< 0.01	10	< 10	78	10	102
545299H	205 274	< 1	0.05	48	800	6	< 2	4	98	< 0.01	10	< 10	56	10	114
545300H	205 274	< 1	0.06	48	830	8	< 2	7	76	< 0.01	10	< 10	66	10	114
545301H	205 274	< 1	0.03	57	840	12	< 2	7	78	< 0.01	< 10	< 10	64	10	106
545302H	205 274	< 1	0.06	45	810	8	< 2	5	63	< 0.01	< 10	< 10	40	< 10	120
545303H	205 274	1	0.05	29	1750	14	2	7	102	< 0.01	< 10	< 10	83	10	108
545304H	205 274	2	0.06	42	1190	26	< 2	6	167	< 0.01	< 10	< 10	77	10	108
545305H	205 274	5	0.05	49	1230	22	2	4	172	< 0.01	< 10	< 10	81	10	112
545306H	205 274	< 1	0.03	44	1010	6	6	8	299	< 0.01	< 10	< 10	63	10	102
545307H	205 274	< 1	0.04	43	2030	12	< 2	10	432	< 0.01	< 10	< 10	116	20	104
545308H	205 274	< 1	0.02	34	2230	8	< 2	8	395	< 0.01	< 10	< 10	119	20	118
545309H	205 274	1	0.07	12	420	34	< 2	2	237	< 0.01	10	< 10	25	< 10	84

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Project : CGP-139
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Total Pages : 1
Certificate Date: 04-AUG-93
Invoice No. : I9317998
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9317998

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
545338	205 274	< 0.002	< 0.2	1.74	< 2	260	< 0.5	< 2	1.62	0.5	25	91	32	5.89	10	< 1	0.19	20	2.62	1030
545339	205 274	< 0.002	< 0.2	1.15	< 2	240	< 0.5	< 2	1.94	1.0	26	41	29	5.98	10	< 1	0.15	20	2.50	1085
545340	205 274	< 0.002	< 0.2	1.27	10	220	< 0.5	< 2	2.11	< 0.5	23	42	29	5.93	10	< 1	0.16	20	2.09	1135
545341	205 274	< 0.002	< 0.2	1.24	< 2	230	< 0.5	< 2	1.94	1.0	23	42	34	5.71	10	< 1	0.16	20	2.35	1055
545342	205 274	< 0.002	< 0.2	1.59	4	770	< 0.5	< 2	4.85	1.0	23	88	30	7.04	20	< 1	0.08	30	2.31	1280
545343	205 274	< 0.002	< 0.2	1.45	< 2	230	< 0.5	< 2	1.41	0.5	27	49	30	6.24	10	< 1	0.15	30	2.36	1120
545344	205 274	< 0.002	< 0.2	1.68	< 2	230	< 0.5	< 2	1.74	0.5	23	39	30	5.65	10	< 1	0.19	20	2.23	945
545345	205 274	< 0.002	< 0.2	2.35	< 2	230	< 0.5	< 2	3.20	1.0	22	51	32	5.75	10	< 1	0.24	20	2.46	955
545346	205 274	< 0.002	< 0.2	2.50	< 2	110	< 0.5	2	5.54	0.5	24	71	26	5.84	10	< 1	0.09	20	2.88	1025
545347	205 274	< 0.002	< 0.2	2.93	< 2	110	< 0.5	< 2	4.73	0.5	27	76	30	6.81	20	< 1	0.09	20	3.26	1045
545348	205 274	< 0.002	< 0.2	3.03	< 2	120	< 0.5	< 2	4.44	0.5	33	93	38	6.70	20	< 1	0.10	30	2.67	995
545349	205 274	< 0.002	< 0.2	2.93	< 2	140	< 0.5	2	4.71	0.5	32	175	49	5.97	20	< 1	0.07	20	2.55	965
545350	205 274	< 0.002	< 0.2	2.71	< 2	120	< 0.5	2	6.18	1.0	31	181	45	5.91	10	< 1	0.06	20	2.78	1190
545351	205 274	< 0.002	< 0.2	2.97	< 2	90	< 0.5	< 2	6.37	1.0	27	94	34	6.71	20	< 1	0.09	20	3.10	1245
545352	205 274	< 0.002	< 0.2	2.24	< 2	90	< 0.5	2	6.91	1.0	24	91	33	6.14	10	< 1	0.08	20	3.63	1185
545353	205 274	< 0.002	< 0.2	2.26	< 2	100	0.5	< 2	5.60	1.0	26	62	27	7.37	10	< 1	0.07	20	3.11	1315
545354	205 274	< 0.002	< 0.2	2.71	< 2	90	0.5	< 2	4.21	0.5	21	67	29	6.47	20	< 1	0.08	20	2.50	1005
545355	205 274	< 0.002	< 0.2	2.43	< 2	80	< 0.5	< 2	4.96	1.0	25	74	33	6.43	10	< 1	0.08	20	2.40	1205
545356	205 274	< 0.002	< 0.2	2.33	< 2	110	< 0.5	< 2	6.44	1.0	25	99	41	6.36	10	< 1	0.10	20	2.36	1465
545357	205 274	< 0.002	< 0.2	2.80	< 2	100	< 0.5	2	4.68	0.5	37	118	43	7.49	20	< 1	0.11	20	2.68	1205
545358	205 274	< 0.002	< 0.2	2.74	< 2	110	< 0.5	< 2	4.89	0.5	37	150	46	7.22	20	< 1	0.08	20	2.66	1280
545359	205 274	< 0.002	< 0.2	2.52	< 2	120	< 0.5	< 2	5.23	1.0	33	170	50	6.17	10	< 1	0.06	20	2.56	1175
545360	205 274	< 0.002	< 0.2	2.63	< 2	110	< 0.5	< 2	5.38	1.0	32	164	50	6.26	20	< 1	0.06	20	2.71	1220
545361	205 274	< 0.002	< 0.2	2.59	< 2	90	0.5	< 2	6.50	1.0	31	166	49	6.37	10	< 1	0.04	20	2.68	1225
545362	205 274	< 0.002	< 0.2	2.07	< 2	100	0.5	2	5.15	0.5	30	133	48	5.76	10	< 1	0.04	20	1.90	1170
545363	205 274	< 0.002	< 0.2	2.31	< 2	110	< 0.5	< 2	3.98	0.5	27	104	43	6.42	20	< 1	0.06	20	2.04	1090
545364	205 274	< 0.002	< 0.2	2.84	< 2	110	< 0.5	< 2	4.84	1.0	28	120	49	6.83	20	< 1	0.07	20	2.15	1225

CERTIFICATION:

Hart Bickler



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ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP-139
Comments:

Page Number: 1-B
Total Pages: 1
Certificate Date: 04-AUG-93
Invoice No.: 19317998
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9317998

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545338	205 274	1	0.59	36	2040	4	< 2	10	208	< 0.01	< 10	< 10	82	< 10	86
545339	205 274	1	0.52	31	2050	4	< 2	9	195	< 0.01	< 10	< 10	69	< 10	80
545340	205 274	2	0.48	34	2060	6	< 2	9	191	< 0.01	< 10	< 10	69	< 10	78
545341	205 274	2	0.50	33	1950	< 2	2	9	197	< 0.01	< 10	< 10	66	< 10	78
545342	205 274	< 1	0.16	29	2210	< 2	< 2	8	208	0.02	< 10	< 10	124	< 10	80
545343	205 274	2	0.52	31	2050	4	< 2	9	189	< 0.01	< 10	< 10	80	< 10	80
545344	205 274	5	0.48	31	1800	< 2	< 2	9	200	< 0.01	< 10	< 10	76	< 10	88
545345	205 274	15	0.47	33	1450	2	< 2	10	234	< 0.01	< 10	< 10	92	< 10	82
545346	205 274	< 1	0.13	36	1990	2	< 2	12	225	0.01	< 10	< 10	154	< 10	60
545347	205 274	< 1	0.13	44	2110	4	< 2	12	162	0.01	< 10	< 10	166	< 10	68
545348	205 274	< 1	0.23	48	2590	< 2	< 2	13	233	0.03	< 10	< 10	160	< 10	90
545349	205 274	< 1	0.20	71	2140	< 2	< 2	17	296	0.02	< 10	< 10	173	< 10	84
545350	205 274	< 1	0.18	66	1910	< 2	< 2	16	351	0.01	< 10	< 10	163	< 10	62
545351	205 274	< 1	0.15	50	2160	2	< 2	16	297	0.01	< 10	< 10	162	< 10	64
545352	205 274	1	0.15	45	1960	2	< 2	18	225	0.01	< 10	< 10	157	< 10	60
545353	205 274	< 1	0.16	48	2060	4	< 2	14	208	< 0.01	< 10	< 10	135	< 10	70
545354	205 274	< 1	0.15	38	2010	< 2	< 2	16	186	< 0.01	< 10	< 10	138	< 10	76
545355	205 274	< 1	0.15	46	2020	2	< 2	13	219	< 0.01	< 10	< 10	134	< 10	74
545356	205 274	< 1	0.18	51	2110	< 2	2	14	307	< 0.01	< 10	< 10	143	< 10	58
545357	205 274	2	0.18	78	2190	8	2	15	247	0.01	< 10	< 10	182	< 10	62
545358	205 274	< 1	0.20	89	2240	< 2	2	16	301	0.01	< 10	< 10	181	< 10	66
545359	205 274	< 1	0.35	74	1970	2	< 2	17	319	0.01	< 10	< 10	170	< 10	60
545360	205 274	< 1	0.19	76	2010	6	2	17	322	0.02	< 10	< 10	174	< 10	68
545361	205 274	6	0.23	75	1900	2	< 2	19	352	0.06	< 10	< 10	182	< 10	66
545362	205 274	< 1	0.35	67	1890	< 2	< 2	16	326	0.06	< 10	< 10	147	< 10	64
545363	205 274	< 1	0.21	53	2200	6	< 2	17	212	0.01	< 10	< 10	161	< 10	74
545364	205 274	< 1	0.21	61	2140	< 2	< 2	16	260	< 0.01	< 10	< 10	154	< 10	78

CERTIFICATION: Hart Bickler



Chemex Labs Ltd.

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To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP-138
Comments:

Page: 1-A
Total Pages: 1
Certificate Date: 08-AUG-93
Invoice No.: 19317997
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9317997

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
545310	208 274	< 0.002	< 0.2	1.18	20	220	1.0	< 2	4.45	< 0.5	27	33	32	6.23	10	< 1	0.18	20	2.43	1155
545311	208 274	< 0.002	< 0.2	1.25	14	240	1.0	< 2	3.92	< 0.5	27	30	31	6.18	10	< 1	0.18	20	2.38	1115
545312	208 274	< 0.002	< 0.2	0.84	22	110	0.5	< 2	0.98	< 0.5	10	80	27	2.60	< 10	< 1	0.14	10	0.67	445
545313	208 274	< 0.002	< 0.2	0.85	34	90	0.5	< 2	1.16	< 0.5	9	93	21	2.70	< 10	< 1	0.13	10	0.73	535
545314	208 274	< 0.002	< 0.2	0.74	22	100	0.5	< 2	1.10	< 0.5	8	95	21	2.14	< 10	< 1	0.12	10	0.59	470
545315	208 274	< 0.002	< 0.2	0.83	< 2	200	1.5	< 2	2.34	< 0.5	13	20	21	5.71	10	< 1	0.37	40	1.26	1295
545316	208 274	< 0.002	< 0.2	0.12	34	50	0.5	< 2	0.66	< 0.5	6	44	34	1.62	< 10	< 1	0.08	< 10	0.32	350
545317	208 274	< 0.002	< 0.2	1.88	2	330	0.5	< 2	3.38	< 0.5	26	72	35	5.43	10	< 1	0.45	20	2.74	1060
545318	208 274	< 0.002	< 0.2	2.38	< 2	140	0.5	< 2	3.95	< 0.5	29	83	34	6.13	10	< 1	0.37	20	3.11	1110
545319	208 274	< 0.002	< 0.2	0.48	< 2	40	< 0.5	< 2	1.63	< 0.5	1	54	5	2.58	10	< 1	0.11	30	0.21	745
545320	208 274	< 0.002	< 0.2	0.94	< 2	30	0.5	< 2	1.67	< 0.5	3	60	6	2.89	20	< 1	0.08	40	0.22	715
545321	208 274	< 0.002	< 0.2	0.69	< 2	30	0.5	< 2	1.40	< 0.5	2	54	4	2.68	20	< 1	0.09	40	0.18	795
545322	208 274	< 0.002	< 0.2	0.54	< 2	30	0.5	< 2	1.09	< 0.5	3	61	6	2.90	10	< 1	0.12	40	0.16	720
545323	208 274	< 0.002	< 0.2	0.37	< 2	30	0.5	< 2	0.96	< 0.5	1	50	6	2.75	10	< 1	0.12	30	0.14	670
545324	208 274	< 0.002	< 0.2	0.27	22	60	0.5	< 2	0.63	< 0.5	2	46	12	2.72	< 10	< 1	0.21	30	0.11	670
545325	208 274	< 0.002	< 0.2	0.19	2	50	< 0.5	< 2	0.82	< 0.5	2	27	8	2.68	< 10	< 1	0.18	30	0.12	720
545326	208 274	< 0.002	< 0.2	0.46	< 2	30	< 0.5	< 2	0.93	< 0.5	2	44	5	2.68	10	< 1	0.09	30	0.17	650
545327	208 274	< 0.002	< 0.2	0.44	2	20	0.5	< 2	0.96	< 0.5	3	31	4	2.60	10	< 1	0.10	20	0.13	645
545328	208 274	< 0.002	< 0.2	0.40	< 2	20	0.5	< 2	1.25	< 0.5	3	40	4	2.63	10	< 1	0.12	30	0.15	715
545329	208 274	< 0.002	< 0.2	0.82	< 2	20	0.5	< 2	0.93	< 0.5	2	39	4	2.79	20	< 1	0.08	50	0.24	610
545330	208 274	< 0.002	< 0.2	0.88	< 2	20	0.5	< 2	1.01	< 0.5	5	51	3	3.02	10	< 1	0.10	40	0.26	690
545331	208 274	< 0.002	< 0.2	0.72	< 2	20	0.5	< 2	1.27	< 0.5	3	52	4	2.78	10	< 1	0.09	30	0.24	710
545332	208 274	< 0.002	< 0.2	0.75	4	80	0.5	< 2	2.12	< 0.5	10	66	10	3.64	10	< 1	0.13	20	0.47	935
545333	208 274	< 0.002	< 0.2	0.31	8	20	< 0.5	< 2	0.86	< 0.5	2	40	5	2.64	< 10	< 1	0.11	20	0.17	600
545334	208 274	< 0.002	< 0.2	0.23	< 2	30	< 0.5	< 2	0.85	< 0.5	1	57	7	2.51	< 10	< 1	0.16	30	0.11	610
545335	208 274	< 0.002	< 0.2	0.18	4	20	< 0.5	< 2	1.01	< 0.5	2	42	9	2.57	< 10	< 1	0.14	30	0.13	635
545336	208 274	< 0.002	< 0.2	0.14	< 2	20	< 0.5	< 2	1.07	< 1.0	< 1	34	6	2.32	< 10	< 1	0.10	20	0.09	675
545337	208 274	< 0.002	< 0.2	0.19	< 2	30	< 0.5	< 2	0.88	< 1.0	1	50	7	2.59	10	< 1	0.13	40	0.09	655

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : CGP-138
Comments:

Page : 1-B
Total Pages : 1
Certificate Date: 08-AUG-93
Invoice No. : I9317997
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9317997

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545310	208 274	2	0.07	27	2670	8	4	11	263	< 0.01	< 10	< 10	38	20	70
545311	208 274	2	0.07	29	2570	10	2	10	262	< 0.01	< 10	< 10	38	30	78
545312	208 274	1	0.03	30	660	14	2	2	76	< 0.01	< 10	< 10	15	< 10	66
545313	208 274	1	0.02	28	690	14	6	2	76	< 0.01	< 10	< 10	15	< 10	58
545314	208 274	1	0.03	27	510	6	2	2	83	< 0.01	< 10	< 10	14	< 10	56
545315	208 274	4	0.28	4	3000	< 2	4	4	217	0.07	< 10	< 10	21	10	60
545316	208 274	< 1	0.03	16	490	6	< 2	1	51	< 0.01	< 10	< 10	3	< 10	38
545317	208 274	3	0.13	34	2220	< 2	2	11	235	0.14	< 10	< 10	127	20	50
545318	208 274	2	0.12	44	2140	2	4	13	217	0.12	< 10	< 10	130	20	62
545319	208 274	2	0.04	1	200	24	< 2	3	64	< 0.01	< 10	< 10	5	< 10	106
545320	208 274	1	0.04	3	260	24	< 2	4	46	< 0.01	< 10	< 10	10	< 10	112
545321	208 274	3	0.04	1	230	26	< 2	4	52	< 0.01	< 10	< 10	7	< 10	116
545322	208 274	2	0.05	1	220	24	< 2	4	42	< 0.01	< 10	< 10	4	< 10	118
545323	208 274	2	0.04	1	210	28	2	3	37	< 0.01	< 10	< 10	3	< 10	120
545324	208 274	2	0.04	< 1	200	32	2	2	35	< 0.01	< 10	< 10	1	< 10	124
545325	208 274	1	0.04	1	200	30	2	2	38	< 0.01	< 10	< 10	1	< 10	114
545326	208 274	2	0.04	1	200	26	< 2	3	35	< 0.01	< 10	< 10	4	< 10	118
545327	208 274	2	0.03	2	200	16	< 2	3	33	< 0.01	< 10	< 10	3	< 10	112
545328	208 274	2	0.04	2	230	24	< 2	3	56	< 0.01	< 10	< 10	4	< 10	108
545329	208 274	2	0.04	1	260	20	< 2	3	33	< 0.01	< 10	< 10	10	< 10	118
545330	208 274	3	0.04	7	340	18	2	3	34	< 0.01	< 10	< 10	12	< 10	126
545331	208 274	4	0.04	1	250	38	< 2	3	46	< 0.01	< 10	< 10	8	< 10	112
545332	208 274	1	0.04	11	490	24	2	4	85	< 0.01	< 10	< 10	25	< 10	106
545333	208 274	1	0.04	1	150	20	2	3	31	< 0.01	< 10	< 10	4	< 10	104
545334	208 274	2	0.05	2	160	28	< 2	2	33	< 0.01	< 10	< 10	1	< 10	122
545335	208 274	2	0.04	1	190	24	2	2	41	< 0.01	< 10	< 10	1	< 10	112
545336	208 274	2	0.03	1	110	40	< 2	2	44	< 0.01	< 10	< 10	1	< 10	110
545337	208 274	3	0.04	< 1	150	48	< 2	3	40	< 0.01	< 10	< 10	1	< 10	136

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

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o: ARCHER CATHRO & ASSOC. (1981) LTD.

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Project: CGP
Comments:

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Total Pages: 3
Certificate Date: 09-AUG-93
Invoice No.: I9318332
P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
140 529451	208 274	< 0.002	0.2	1.39	< 2	160	< 0.5	< 2	0.35	0.5	11	238	13	1.84	< 10	< 1	0.20	10	0.66	180
529452	208 274	< 0.002	0.2	0.84	< 2	100	< 0.5	< 2	0.42	< 0.5	6	252	11	1.20	< 10	< 1	0.16	< 10	0.47	175
529453	208 274	< 0.002	< 0.2	2.16	14	480	< 0.5	< 2	3.87	< 0.5	19	103	25	4.81	10	< 1	0.13	20	1.55	1255
529454	208 274	< 0.002	< 0.2	2.14	< 2	400	< 0.5	< 2	3.43	0.5	19	107	24	4.66	10	< 1	0.13	20	1.61	1160
529455	208 274	< 0.002	< 0.2	2.45	4	360	< 0.5	< 2	3.85	0.5	23	117	25	5.03	10	< 1	0.08	20	2.17	1125
529456	208 274	< 0.002	< 0.2	2.65	< 2	310	< 0.5	< 2	2.31	< 0.5	21	111	26	5.31	10	< 1	0.14	20	2.15	850
529457	208 274	< 0.002	< 0.2	2.25	12	830	< 0.5	< 2	1.09	< 0.5	21	109	31	4.48	10	< 1	0.25	30	1.57	370
529458	208 274	< 0.002	< 0.2	2.70	< 2	280	< 0.5	< 2	2.22	< 0.5	30	114	41	6.60	20	< 1	0.26	30	1.91	795
529459	208 274	< 0.002	< 0.2	2.99	< 2	560	< 0.5	< 2	1.71	< 0.5	26	83	35	5.07	10	< 1	0.59	20	1.63	775
529460	208 274	< 0.002	< 0.2	3.43	< 2	1530	< 0.5	< 2	0.75	0.5	25	104	46	4.86	10	< 1	0.50	20	1.73	255
529461	208 274	< 0.002	< 0.2	2.39	< 2	200	< 0.5	< 2	4.07	0.5	26	96	26	6.26	10	< 1	0.07	20	2.31	1240
529462	208 274	< 0.002	< 0.2	3.09	10	420	< 0.5	< 2	1.38	< 0.5	23	76	30	5.33	10	< 1	0.41	20	2.04	660
529463	208 274	< 0.002	< 0.2	2.60	6	230	< 0.5	< 2	3.87	< 0.5	23	93	25	5.71	10	< 1	0.18	20	1.93	1090
529464	208 274	< 0.002	< 0.2	2.93	< 2	280	< 0.5	< 2	1.57	< 0.5	25	105	28	5.04	10	< 1	0.24	20	1.95	480
529465	208 274	< 0.002	< 0.2	2.44	< 2	140	< 0.5	< 2	3.04	< 0.5	25	99	31	6.10	10	< 1	0.21	20	2.18	955
529466	208 274	< 0.002	< 0.2	1.85	< 2	160	< 0.5	< 2	1.54	0.5	23	80	31	5.23	10	< 1	0.27	20	2.16	900
529467	208 274	< 0.002	< 0.2	2.01	< 2	150	< 0.5	< 2	3.19	< 0.5	24	83	31	5.49	10	< 1	0.22	20	2.06	995
529468	208 274	< 0.002	< 0.2	1.91	< 2	110	< 0.5	< 2	4.18	< 0.5	27	84	32	5.18	10	< 1	0.25	20	2.04	1095
529469	208 274	< 0.002	< 0.2	2.23	4	110	< 0.5	< 2	2.70	< 0.5	28	95	33	5.68	10	< 1	0.22	20	2.25	935
529470	208 274	< 0.002	< 0.2	2.20	< 2	120	< 0.5	< 2	3.58	0.5	26	92	33	5.86	10	< 1	0.23	20	2.22	1130
529471	208 274	< 0.002	< 0.2	2.12	< 2	120	< 0.5	< 2	2.81	0.5	30	109	33	6.14	10	< 1	0.19	20	2.12	1015
529472	208 274	< 0.002	< 0.2	2.01	< 2	130	< 0.5	< 2	2.12	0.5	29	93	35	5.83	10	< 1	0.24	20	2.07	950
529473	208 274	< 0.002	< 0.2	1.86	< 2	100	< 0.5	< 2	3.42	< 0.5	25	86	31	5.90	10	< 1	0.19	20	2.10	1065
529474	208 274	< 0.002	< 0.2	2.09	< 2	140	< 0.5	< 2	3.16	< 0.5	27	95	33	5.89	10	< 1	0.23	20	2.17	1000
529475	208 274	< 0.002	< 0.2	1.82	< 2	180	< 0.5	< 2	3.61	0.5	25	85	30	5.48	10	< 1	0.21	20	2.03	1045
529476	208 274	< 0.002	< 0.2	2.15	< 2	110	< 0.5	< 2	2.22	0.5	26	93	32	6.00	10	< 1	0.22	20	2.27	955
529477	208 274	< 0.002	< 0.2	2.09	< 2	170	< 0.5	< 2	3.04	0.5	21	89	29	5.54	10	< 1	0.29	20	2.00	1015
529478	208 274	< 0.002	< 0.2	1.82	4	190	< 0.5	< 2	2.38	< 0.5	25	82	33	6.05	10	< 1	0.22	20	2.31	1065
529479	208 274	< 0.002	< 0.2	1.81	4	210	< 0.5	< 2	2.41	< 0.5	25	79	34	5.48	10	< 1	0.26	20	2.02	1005
529480	208 274	< 0.002	< 0.2	1.98	< 2	190	< 0.5	< 2	1.60	0.5	27	83	35	6.03	10	< 1	0.23	20	2.30	960
529481	208 274	< 0.002	< 0.2	1.83	2	190	< 0.5	< 2	1.65	< 0.5	26	77	34	5.54	10	< 1	0.24	20	1.95	920
529482	208 274	< 0.002	< 0.2	1.93	6	190	< 0.5	< 2	2.02	< 0.5	26	76	36	5.83	10	< 1	0.23	20	2.03	1010
529483	208 274	< 0.002	< 0.2	2.14	< 2	190	< 0.5	< 2	2.01	0.5	26	77	40	5.57	10	< 1	0.24	20	1.78	910
529484	208 274	< 0.002	< 0.2	1.83	< 2	150	< 0.5	< 2	3.17	< 0.5	25	86	34	6.10	10	< 1	0.23	20	1.95	1120
529485	208 274	< 0.002	< 0.2	2.02	14	90	< 0.5	< 2	3.43	< 0.5	25	108	34	6.22	20	< 1	0.07	20	2.00	1025
529486	208 274	< 0.002	< 0.2	1.94	< 2	90	< 0.5	4	3.72	< 0.5	26	110	33	6.49	20	< 1	0.06	20	2.24	1140
529487	208 274	< 0.002	< 0.2	1.99	8	150	< 0.5	< 2	3.80	< 0.5	26	114	34	6.06	10	< 1	0.06	30	2.34	980
529488	208 274	< 0.002	< 0.2	1.54	< 2	110	< 0.5	< 2	3.44	< 0.5	25	107	32	6.06	10	< 1	0.07	20	2.41	1075
529489	208 274	< 0.002	< 0.2	1.54	< 2	260	< 0.5	< 2	2.17	< 0.5	23	86	32	5.06	10	< 1	0.29	20	2.20	985
529490	208 274	< 0.002	< 0.2	1.81	< 2	250	< 0.5	< 2	1.85	< 0.5	25	82	32	5.12	10	< 1	0.26	20	2.60	890

CERTIFICATION:

Hart Bickler



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o: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
529451	208 274	2	0.09	39	320	6	< 2	4	25	< 0.01	< 10	< 10	33	< 10	66
529452	208 274	1	0.06	30	240	6	< 2	2	22	< 0.01	< 10	< 10	22	< 10	34
529453	208 274	2	0.43	40	3100	6	< 2	10	170	< 0.01	< 10	< 10	84	< 10	72
529454	208 274	2	0.39	38	3040	8	2	10	159	< 0.01	< 10	< 10	87	< 10	76
529455	208 274	3	0.33	43	1840	< 2	< 2	11	158	< 0.01	< 10	< 10	108	< 10	66
529456	208 274	2	0.31	42	1770	6	2	11	122	< 0.01	< 10	< 10	106	< 10	74
529457	208 274	2	0.41	41	1410	8	< 2	11	102	< 0.01	< 10	< 10	96	< 10	82
529458	208 274	< 1	0.31	43	2300	4	< 2	12	119	0.05	< 10	< 10	156	< 10	102
529459	208 274	1	0.42	45	2220	4	< 2	12	138	0.01	< 10	< 10	85	< 10	72
529460	208 274	1	0.44	45	1050	14	2	13	108	0.01	< 10	< 10	104	< 10	70
529461	208 274	1	0.27	35	2380	4	< 2	12	197	0.08	< 10	< 10	140	< 10	82
529462	208 274	< 1	0.44	34	1330	14	< 2	11	117	< 0.01	< 10	< 10	83	< 10	56
529463	208 274	2	0.24	34	2280	6	< 2	11	171	0.05	< 10	< 10	115	< 10	80
529464	208 274	< 1	0.32	40	1700	16	< 2	11	128	0.01	< 10	< 10	101	< 10	80
529465	208 274	3	0.06	45	1950	6	< 2	10	168	< 0.01	< 10	< 10	110	< 10	76
529466	208 274	2	0.07	43	1600	12	< 2	10	103	< 0.01	< 10	< 10	77	< 10	80
529467	208 274	2	0.08	43	1860	6	< 2	10	192	< 0.01	< 10	< 10	86	< 10	76
529468	208 274	2	0.10	46	1800	6	< 2	9	193	< 0.01	< 10	< 10	83	< 10	74
529469	208 274	1	0.11	49	1970	6	< 2	10	183	< 0.01	< 10	< 10	100	< 10	78
529470	208 274	2	0.11	46	1900	4	2	11	234	< 0.01	< 10	< 10	102	< 10	74
529471	208 274	2	0.14	52	2010	< 2	< 2	11	188	< 0.01	< 10	< 10	106	< 10	80
529472	208 274	2	0.18	48	2010	6	< 2	10	175	< 0.01	< 10	< 10	93	< 10	80
529473	208 274	1	0.17	43	1980	< 2	< 2	10	197	< 0.01	< 10	< 10	97	< 10	70
529474	208 274	1	0.22	46	2010	< 2	< 2	10	202	< 0.01	< 10	< 10	100	< 10	76
529475	208 274	2	0.23	45	1750	6	2	10	224	< 0.01	< 10	< 10	88	< 10	72
529476	208 274	1	0.27	46	1780	6	< 2	10	178	< 0.01	< 10	< 10	100	< 10	76
529477	208 274	1	0.28	40	1570	6	< 2	10	250	< 0.01	< 10	< 10	84	< 10	74
529478	208 274	2	0.32	45	1830	2	< 2	11	191	< 0.01	< 10	< 10	89	< 10	82
529479	208 274	2	0.32	46	1760	4	< 2	10	207	< 0.01	< 10	< 10	77	< 10	84
529480	208 274	2	0.29	45	1770	8	< 2	11	149	< 0.01	< 10	< 10	95	< 10	84
529481	208 274	1	0.28	46	1740	14	< 2	10	149	< 0.01	< 10	< 10	86	< 10	80
529482	208 274	2	0.28	47	1730	10	< 2	10	176	< 0.01	< 10	< 10	84	< 10	94
529483	208 274	3	0.28	51	1850	14	< 2	10	187	< 0.01	< 10	< 10	87	< 10	86
529484	208 274	2	0.22	46	2000	2	< 2	10	229	< 0.01	< 10	< 10	89	< 10	76
529485	208 274	2	0.14	43	2630	16	< 2	12	200	< 0.01	< 10	< 10	131	< 10	74
529486	208 274	1	0.12	42	2380	< 2	< 2	12	197	< 0.01	< 10	< 10	137	< 10	68
529487	208 274	< 1	0.16	45	2420	2	2	14	305	< 0.01	< 10	< 10	127	< 10	78
529488	208 274	< 1	0.14	43	2280	8	< 2	13	200	< 0.01	< 10	< 10	119	< 10	70
529489	208 274	2	0.32	55	1450	10	< 2	10	204	< 0.01	< 10	< 10	52	< 10	90
529490	208 274	1	0.30	58	1400	6	< 2	10	174	< 0.01	< 10	< 10	59	< 10	94

CERTIFICATION:

Hart Bickler



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to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP
Comments:

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CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
529491	208 274	< 0.002	< 0.2	2.03	8	190	< 0.5	< 2	1.58	< 0.5	22	100	30	5.06	10	< 1	0.21	10	2.30	745
529492	208 274	< 0.002	< 0.2	1.97	6	200	< 0.5	< 2	1.26	< 0.5	22	99	29	4.46	10	< 1	0.26	10	1.94	645
529493	208 274	< 0.002	< 0.2	1.81	10	230	< 0.5	< 2	1.09	< 0.5	28	120	34	5.46	10	< 1	0.26	10	2.31	920
529494	208 274	< 0.002	< 0.2	2.10	8	210	< 0.5	< 2	1.60	< 0.5	26	97	31	5.16	10	< 1	0.29	20	1.86	815
529495	208 274	< 0.002	< 0.2	2.52	< 2	200	< 0.5	< 2	2.45	< 0.5	27	111	33	6.02	10	< 1	0.24	20	2.01	820
529496	208 274	< 0.002	< 0.2	2.38	< 2	200	< 0.5	< 2	2.35	0.5	28	97	32	5.32	10	< 1	0.24	20	1.90	750
545365	208 274	< 0.002	< 0.2	2.50	< 2	100	< 0.5	< 2	3.58	< 0.5	35	167	51	7.76	20	< 1	0.11	20	2.30	1375
545366	208 274	< 0.002	< 0.2	2.83	< 2	120	< 0.5	< 2	3.31	< 0.5	33	176	47	5.86	10	< 1	0.15	20	2.12	785
545367	208 274	< 0.002	< 0.2	2.24	< 2	240	< 0.5	< 2	1.60	< 0.5	21	75	34	5.20	10	< 1	0.48	20	1.47	780
545368	208 274	< 0.002	< 0.2	2.08	< 2	250	< 0.5	< 2	1.41	0.5	20	61	35	5.66	10	< 1	0.45	20	1.43	840
545369	208 274	< 0.002	< 0.2	1.11	4	130	< 0.5	4	3.05	< 0.5	33	104	34	7.12	10	< 1	0.14	20	2.20	1385
545370	208 274	< 0.002	< 0.2	2.08	< 2	130	< 0.5	4	2.46	< 0.5	29	136	47	6.59	10	< 1	0.12	20	1.96	915
545371	208 274	< 0.002	< 0.2	2.35	4	120	< 0.5	< 2	3.73	< 0.5	27	139	45	5.90	10	< 1	0.11	20	1.90	880
545372	208 274	< 0.002	< 0.2	2.48	< 2	180	< 0.5	< 2	1.48	0.5	42	121	45	7.01	10	< 1	0.22	20	1.71	895
545373	208 274	< 0.002	< 0.2	1.69	< 2	210	< 0.5	< 2	2.07	0.5	23	71	27	4.62	10	< 1	0.32	20	1.15	710
545374	208 274	< 0.002	< 0.2	1.44	< 2	220	< 0.5	< 2	0.89	< 0.5	25	108	29	3.96	10	< 1	0.37	20	0.83	520
545375	208 274	< 0.002	< 0.2	1.53	12	220	< 0.5	< 2	1.08	< 0.5	27	47	30	4.88	10	< 1	0.35	20	1.08	665
545376	208 274	< 0.002	< 0.2	1.37	< 2	210	< 0.5	< 2	1.42	0.5	18	51	29	4.80	10	< 1	0.33	20	1.02	680
545377	208 274	< 0.002	< 0.2	1.68	< 2	190	< 0.5	< 2	1.02	0.5	20	53	36	4.32	10	< 1	0.33	30	1.24	425
545378	208 274	< 0.002	< 0.2	1.80	4	190	< 0.5	< 2	1.05	< 0.5	31	52	35	4.65	10	< 1	0.33	20	1.16	500
545379	208 274	< 0.002	< 0.2	2.19	16	160	< 0.5	< 2	1.13	< 0.5	18	71	30	3.82	10	< 1	0.32	30	1.16	345
545380	208 274	< 0.002	< 0.2	0.99	2	160	< 0.5	< 2	2.07	< 0.5	22	39	25	4.85	< 10	< 1	0.18	20	2.23	990
545381	208 274	< 0.002	< 0.2	0.94	2	160	< 0.5	< 2	1.87	< 0.5	24	48	25	4.89	< 10	< 1	0.18	20	2.47	895
545382	208 274	< 0.002	< 0.2	0.83	4	180	< 0.5	< 2	1.19	0.5	10	120	12	2.37	< 10	< 1	0.18	10	0.46	410
545383	208 274	< 0.002	0.2	1.31	< 2	500	< 0.5	< 2	0.28	1.0	12	49	33	3.03	< 10	< 1	0.24	20	0.54	470
545384	208 274	< 0.002	0.4	1.36	8	510	< 0.5	< 2	0.27	1.0	14	48	30	2.72	< 10	< 1	0.24	20	0.48	465
545385	208 274	< 0.002	0.2	1.29	12	380	< 0.5	< 2	0.36	0.5	15	47	32	3.18	< 10	< 1	0.26	20	0.52	365
545386	208 274	< 0.002	0.2	1.22	< 2	310	< 0.5	< 2	0.40	0.5	9	56	20	2.82	< 10	< 1	0.19	20	0.57	375
545387	208 274	< 0.002	0.4	0.74	6	160	< 0.5	< 2	2.02	0.5	10	171	10	1.92	< 10	< 1	0.15	< 10	0.37	385
545388	208 274	< 0.002	0.4	0.76	8	210	< 0.5	< 2	0.50	0.5	11	107	12	1.89	< 10	< 1	0.16	10	0.36	355
545389	208 274	< 0.002	< 0.2	0.83	2	340	< 0.5	< 2	0.45	1.0	17	32	28	5.48	< 10	< 1	0.18	10	0.55	1005
545390	208 274	< 0.002	0.2	1.51	< 2	270	< 0.5	< 2	1.03	0.5	10	120	14	2.43	< 10	< 1	0.27	10	0.52	390
545391	208 274	< 0.002	0.4	1.49	< 2	260	< 0.5	< 2	0.15	0.5	13	114	17	2.67	< 10	< 1	0.26	20	0.55	345
545392	208 274	< 0.002	0.2	1.70	8	290	< 0.5	< 2	0.12	0.5	11	98	20	1.93	< 10	< 1	0.31	10	0.52	235
545393	208 274	< 0.002	0.2	1.14	< 2	200	< 0.5	< 2	0.50	0.5	8	145	10	3.05	< 10	< 1	0.20	10	0.49	370
545394	208 274	< 0.002	0.2	1.28	14	230	< 0.5	2	0.19	< 0.5	9	176	12	2.06	< 10	< 1	0.25	10	0.41	280
545395	208 274	< 0.002	0.2	1.09	< 2	200	< 0.5	< 2	0.38	0.5	9	151	8	2.03	< 10	< 1	0.20	10	0.40	295
545396	208 274	< 0.002	0.2	0.99	< 2	190	< 0.5	< 2	0.53	< 0.5	9	214	8	1.61	< 10	< 1	0.19	10	0.34	210
545397	208 274	< 0.002	0.2	1.40	< 2	320	< 0.5	< 2	0.09	0.5	11	66	24	2.12	< 10	< 1	0.25	10	0.51	250
545398	208 274	< 0.002	< 0.2	0.51	< 2	240	< 0.5	< 2	9.99	< 0.5	4	169	2	2.02	< 10	< 1	0.10	< 10	2.20	515

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CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
529491	208 274	< 1	0.23	60	1150	6	< 2	9	138 < 0.01	< 10	< 10	< 10	75	< 10	88
529492	208 274	1	0.23	56	1000	6	< 2	9	125 < 0.01	< 10	< 10	< 10	66	< 10	86
529493	208 274	1	0.31	70	1150	4	< 2	10	145 < 0.01	< 10	< 10	< 10	77	< 10	94
529494	208 274	2	0.27	61	1270	2	< 2	10	147 < 0.01	< 10	< 10	< 10	79	< 10	86
529495	208 274	< 1	0.26	70	1370	2	< 2	11	159 < 0.01	< 10	< 10	< 10	99	< 10	86
529496	208 274	2	0.25	69	1370	2	< 2	10	157 < 0.01	< 10	< 10	< 10	94	< 10	82
545365	208 274	< 1	0.21	78	1800	< 2	< 2	18	170 < 0.01	< 10	< 10	< 10	178	< 10	70
545366	208 274	< 1	0.29	74	2110	< 2	< 2	14	183 < 0.01	< 10	< 10	< 10	170	< 10	66
545367	208 274	< 1	0.48	36	1470	2	< 2	12	192 < 0.01	< 10	< 10	< 10	60	< 10	84
545368	208 274	< 1	0.43	36	2100	2	2	11	183 < 0.01	< 10	< 10	< 10	58	< 10	88
545369	208 274	4	0.31	71	1410	< 2	< 2	23	167 < 0.01	< 10	< 10	< 10	130	< 10	74
545370	208 274	2	0.27	65	2110	< 2	< 2	16	164 < 0.01	< 10	< 10	< 10	147	< 10	68
545371	208 274	1	0.27	55	1960	< 2	< 2	12	204 < 0.01	< 10	< 10	< 10	140	< 10	62
545372	208 274	11	0.54	74	1360	< 2	2	19	203 < 0.01	< 10	< 10	< 10	137	< 10	88
545373	208 274	1	0.52	29	1220	< 2	< 2	10	198 < 0.01	< 10	< 10	< 10	60	< 10	62
545374	208 274	1	0.51	32	900	< 2	< 2	9	183 < 0.01	< 10	< 10	< 10	39	< 10	72
545375	208 274	< 1	0.48	38	1040	< 2	< 2	10	180 < 0.01	< 10	< 10	< 10	44	< 10	74
545376	208 274	< 1	0.45	31	1300	2	< 2	9	179 < 0.01	< 10	< 10	< 10	41	< 10	68
545377	208 274	< 1	0.36	39	770	8	< 2	9	141 < 0.01	< 10	< 10	< 10	42	< 10	106
545378	208 274	< 1	0.36	52	1330	6	< 2	10	149 < 0.01	< 10	< 10	< 10	57	< 10	104
545379	208 274	< 1	0.21	36	1380	14	< 2	9	117 < 0.01	< 10	< 10	< 10	61	< 10	90
545380	208 274	1	0.41	28	1630	< 2	< 2	8	173 < 0.01	< 10	< 10	< 10	53	< 10	68
545381	208 274	1	0.46	31	1610	2	< 2	8	180 < 0.01	< 10	< 10	< 10	52	< 10	76
545382	208 274	< 1	0.03	26	900	12	< 2	4	36 < 0.01	< 10	< 10	< 10	24	< 10	104
545383	208 274	1	0.10	38	560	20	< 2	7	84 < 0.01	< 10	< 10	< 10	32	< 10	150
545384	208 274	< 1	0.13	43	620	20	< 2	7	76 < 0.01	< 10	< 10	< 10	33	< 10	166
545385	208 274	1	0.18	43	240	22	< 2	7	49 < 0.01	< 10	< 10	< 10	34	< 10	144
545386	208 274	< 1	0.14	38	410	16	< 2	7	49 < 0.01	< 10	< 10	< 10	30	< 10	128
545387	208 274	< 1	0.03	27	670	10	< 2	3	51 < 0.01	< 10	< 10	< 10	21	< 10	96
545388	208 274	1	0.03	26	670	10	< 2	4	30 < 0.01	< 10	< 10	< 10	20	< 10	104
545389	208 274	1	0.12	39	470	18	< 2	8	41 < 0.01	< 10	< 10	< 10	33	< 10	132
545390	208 274	1	0.13	25	330	12	< 2	6	41 < 0.01	< 10	< 10	< 10	32	< 10	100
545391	208 274	1	0.14	37	290	12	< 2	6	29 < 0.01	< 10	< 10	< 10	34	< 10	110
545392	208 274	1	0.16	36	160	14	< 2	6	29 < 0.01	< 10	< 10	< 10	34	< 10	124
545393	208 274	1	0.09	23	360	6	< 2	4	28 < 0.01	< 10	< 10	< 10	28	< 10	78
545394	208 274	< 1	0.10	26	340	10	< 2	4	31 < 0.01	< 10	< 10	< 10	29	< 10	102
545395	208 274	1	0.10	23	310	8	< 2	4	32 < 0.01	< 10	< 10	< 10	25	< 10	94
545396	208 274	2	0.09	23	200	8	< 2	3	37 < 0.01	< 10	< 10	< 10	21	< 10	80
545397	208 274	1	0.17	38	240	16	< 2	6	48 < 0.01	< 10	< 10	< 10	28	< 10	148
545398	208 274	< 1	0.05	10	800	2	< 2	1	177 < 0.01	< 10	< 10	< 10	17	< 10	32

CERTIFICATION:

Hart Bickler



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J: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP
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Certificate Date: 09-AUG-93
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P.O. Number:
Account: F

CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			oz/T	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
545399	208	274	< 0.002	0.2	1.51	< 2	270	< 0.5	< 2	1.09	< 0.5	10	80	24	3.00	< 10	< 1	0.20	10	1.05	510
545400	208	274	< 0.002	< 0.2	0.57	6	80	< 0.5	< 2	0.63	< 0.5	6	174	3	0.87	< 10	< 1	0.11	< 10	0.32	175

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ARCHER CATHRO & ASSOC. (1981) LTD.

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Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9318332

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
545399	208	274	< 1	0.17	38	320	18	< 2	7	44	< 0.01	< 10	< 10	35	< 10	108
545400	208	274	< 1	0.04	20	190	2	< 2	1	22	< 0.01	< 10	< 10	13	< 10	32

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Project : CGP 141
Comments:

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Certificate Date: 16-AUG-93
Invoice No. : I9318447
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318447

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
529421	208 274	< 0.002	0.2	1.72	18	240	< 0.5	< 2	0.73	< 0.5	26	94	34	4.84	10	< 1	0.21	10	1.87	640
529422	208 274	< 0.002	< 0.2	1.84	16	210	< 0.5	< 2	1.45	< 0.5	23	89	32	4.93	10	< 1	0.17	10	1.82	720
529423	208 274	< 0.002	0.2	1.99	4	250	< 0.5	< 2	1.25	< 0.5	26	101	33	4.99	10	< 1	0.22	10	2.19	730
529424	208 274	< 0.002	< 0.2	2.08	< 2	250	< 0.5	< 2	2.59	< 0.5	24	99	33	5.25	10	< 1	0.20	10	2.39	980
529425	208 274	< 0.002	< 0.2	1.90	12	270	< 0.5	< 2	2.05	< 0.5	25	81	33	5.11	10	< 1	0.18	10	2.36	830
529426	208 274	< 0.002	< 0.2	2.19	14	280	< 0.5	< 2	1.85	< 0.5	27	109	36	5.57	10	< 1	0.22	10	2.46	870
529427	208 274	< 0.002	< 0.2	1.94	18	230	< 0.5	< 2	1.93	< 0.5	25	78	33	5.31	10	< 1	0.17	10	1.98	865
529428	208 274	< 0.002	0.2	1.87	14	240	< 0.5	< 2	1.51	< 0.5	25	89	34	5.08	10	< 1	0.21	10	1.80	760
529429	208 274	< 0.002	< 0.2	1.67	12	200	< 0.5	< 2	3.06	< 0.5	24	79	32	5.11	10	< 1	0.17	10	1.98	855
529430	208 274	< 0.002	< 0.2	1.95	12	160	< 0.5	< 2	3.80	< 0.5	28	96	32	6.03	10	< 1	0.13	10	2.65	1045
529431	208 274	< 0.002	< 0.2	1.55	16	240	< 0.5	< 2	1.66	< 0.5	27	79	35	5.60	10	< 1	0.21	20	1.98	910
529432	208 274	< 0.002	0.2	1.90	12	240	< 0.5	< 2	1.54	< 0.5	26	112	33	5.20	10	< 1	0.25	10	2.01	805
529433	208 274	< 0.002	< 0.2	1.91	18	190	< 0.5	< 2	2.53	< 0.5	27	103	32	5.67	10	< 1	0.17	10	2.37	945
529434	208 274	< 0.002	< 0.2	2.15	22	290	< 0.5	< 2	1.43	< 0.5	33	103	38	5.88	10	< 1	0.23	20	2.43	885
529435	208 274	< 0.002	< 0.2	2.05	16	230	< 0.5	< 2	4.08	< 0.5	27	85	34	5.64	10	< 1	0.20	10	2.03	1055
529436	208 274	< 0.002	0.2	2.01	18	260	< 0.5	< 2	1.74	< 0.5	24	99	34	4.97	10	< 1	0.32	10	1.79	755
529437	208 274	< 0.002	0.4	1.37	14	270	< 0.5	< 2	1.74	< 0.5	25	79	32	5.04	10	< 1	0.27	10	1.83	910
529438	208 274	< 0.002	< 0.2	1.64	18	260	< 0.5	< 2	2.25	< 0.5	27	91	34	5.52	10	< 1	0.24	20	2.27	925
529439	208 274	< 0.002	< 0.2	1.60	6	260	< 0.5	< 2	2.37	< 0.5	27	87	35	6.27	10	< 1	0.20	20	2.49	980
529497	208 274	< 0.002	< 0.2	2.18	12	200	< 0.5	< 2	2.65	< 0.5	29	114	35	6.24	20	< 1	0.22	20	2.29	1115
529498	208 274	< 0.002	< 0.2	1.90	< 2	200	< 0.5	< 2	2.38	< 0.5	28	93	33	5.93	10	< 1	0.15	10	2.14	940
529499	208 274	< 0.002	0.2	1.92	16	210	< 0.5	< 2	1.43	< 0.5	27	91	36	6.13	10	< 1	0.16	10	2.23	835
529500	208 274	< 0.002	< 0.2	1.75	12	210	< 0.5	< 2	1.42	< 0.5	27	88	34	5.72	10	< 1	0.15	10	2.15	920

CERTIFICATION:

Hart Bickler



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TO: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
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Project: CGP 141
Comments:

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Certificate Date: 16-AUG-93
Invoice No. : 19318447
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318447

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
529421	208 274	2	0.26	69	1180	6	< 2	9	120	< 0.01	< 10	< 10	59	< 10	96
529422	208 274	2	0.23	64	1280	6	< 2	9	147	< 0.01	< 10	< 10	59	< 10	100
529423	208 274	2	0.26	66	1300	4	< 2	9	141	< 0.01	< 10	< 10	64	< 10	96
529424	208 274	2	0.25	64	1320	4	< 2	10	160	< 0.01	< 10	< 10	69	< 10	94
529425	208 274	< 1	0.29	64	1340	4	< 2	10	182	< 0.01	< 10	< 10	63	< 10	94
529426	208 274	2	0.29	70	1440	6	< 2	10	162	< 0.01	< 10	< 10	73	< 10	102
529427	208 274	2	0.25	66	1290	6	< 2	9	142	< 0.01	< 10	< 10	71	< 10	100
529428	208 274	2	0.26	65	1340	6	< 2	9	155	< 0.01	< 10	< 10	67	< 10	104
529429	208 274	1	0.24	62	1220	6	< 2	9	211	< 0.01	< 10	< 10	69	< 10	90
529430	208 274	1	0.23	70	1220	< 2	< 2	10	199	< 0.01	< 10	< 10	93	< 10	78
529431	208 274	1	0.29	66	1410	6	< 2	9	164	< 0.01	< 10	< 10	64	< 10	102
529432	208 274	1	0.27	70	1390	6	< 2	9	151	< 0.01	< 10	< 10	71	< 10	90
529433	208 274	2	0.23	67	1460	4	< 2	10	163	< 0.01	< 10	< 10	80	< 10	86
529434	208 274	3	0.34	78	1650	4	< 2	10	182	< 0.01	< 10	< 10	83	< 10	100
529435	208 274	1	0.26	66	1390	4	< 2	9	245	< 0.01	< 10	< 10	77	< 10	88
529436	208 274	2	0.27	66	1250	8	< 2	9	182	< 0.01	< 10	< 10	59	< 10	112
529437	208 274	2	0.30	63	1250	6	< 2	9	165	< 0.01	< 10	< 10	53	< 10	98
529438	208 274	1	0.31	66	1500	4	< 2	10	167	< 0.01	< 10	< 10	69	< 10	96
529439	208 274	2	0.32	65	1710	4	< 2	11	189	< 0.01	< 10	< 10	74	< 10	92
529497	208 274	1	0.26	78	1540	2	< 2	11	178	< 0.01	< 10	< 10	93	< 10	92
529498	208 274	2	0.24	71	1380	4	< 2	10	168	< 0.01	< 10	< 10	75	< 10	88
529499	208 274	2	0.26	74	1430	6	< 2	10	141	< 0.01	< 10	< 10	78	< 10	102
529500	208 274	2	0.26	70	1310	6	< 2	10	135	< 0.01	< 10	< 10	76	< 10	96

CERTIFICATION:

Kent Bracken



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WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9318448

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934001	208 274	< 0.002	0.4	0.57	6	260	< 0.5	< 2	0.78	< 0.5	16	112	38	4.15	< 10	< 1	0.23	< 10	1.14	690
934002	208 274	< 0.002	< 0.2	0.50	12	200	< 0.5	< 2	0.38	< 0.5	13	209	24	2.58	< 10	< 1	0.18	< 10	0.70	385
934003	208 274	< 0.002	< 0.2	0.42	16	160	< 0.5	< 2	1.09	< 0.5	7	235	15	2.15	< 10	< 1	0.15	< 10	0.84	370
934004	208 274	< 0.002	< 0.2	0.48	24	170	< 0.5	< 2	0.74	< 0.5	10	278	14	1.46	< 10	< 1	0.15	< 10	0.52	240
934005	208 274	< 0.002	0.2	0.53	12	160	< 0.5	< 2	2.19	< 0.5	8	321	15	1.64	< 10	< 1	0.15	< 10	1.15	275
934006	208 274	< 0.002	0.2	0.68	24	220	< 0.5	< 2	0.50	< 0.5	15	246	30	2.74	< 10	< 1	0.22	< 10	0.74	360
934007	208 274	< 0.002	0.2	0.91	18	310	< 0.5	< 2	0.65	< 0.5	20	90	46	4.75	10	< 1	0.32	< 10	1.18	705
934008	208 274	< 0.002	0.2	0.78	14	280	< 0.5	< 2	0.64	< 0.5	14	82	37	3.39	< 10	< 1	0.27	< 10	0.94	440
934009	208 274	< 0.002	0.2	0.86	18	320	< 0.5	< 2	1.02	< 0.5	16	92	40	4.51	< 10	< 1	0.31	< 10	1.19	805
934010	208 274	< 0.002	0.2	0.85	22	290	< 0.5	< 2	0.63	< 0.5	16	171	32	3.70	< 10	< 1	0.28	< 10	0.96	545
934011	208 274	< 0.002	0.4	1.07	28	350	< 0.5	< 2	1.13	0.5	17	146	41	4.89	10	< 1	0.33	< 10	1.22	1000
934012	208 274	< 0.002	0.2	0.94	14	400	< 0.5	< 2	0.26	< 0.5	21	41	44	3.80	< 10	< 1	0.32	< 10	0.78	630
934013	208 274	< 0.002	0.4	0.57	6	370	< 0.5	< 2	0.72	0.5	18	50	45	3.99	< 10	< 1	0.21	< 10	1.07	505
934014	208 274	< 0.002	< 0.2	0.85	18	380	< 0.5	< 2	1.40	< 0.5	17	102	37	5.16	10	< 1	0.29	< 10	1.31	1080
934015	208 274	< 0.002	0.2	0.43	16	230	< 0.5	< 2	0.86	< 0.5	11	177	23	2.18	< 10	< 1	0.13	< 10	0.74	280
934016	208 274	< 0.002	0.2	0.89	20	890	< 0.5	< 2	1.02	< 0.5	17	85	36	5.36	10	< 1	0.32	< 10	1.20	1490
934017	208 274	< 0.002	0.2	1.04	20	460	< 0.5	< 2	0.88	< 0.5	16	121	34	4.22	10	< 1	0.32	< 10	0.99	830
934018	208 274	< 0.002	< 0.2	1.16	18	510	< 0.5	< 2	0.62	< 0.5	17	78	43	4.60	10	< 1	0.37	< 10	1.01	680
934019	208 274	< 0.002	< 0.2	1.09	16	740	2.0	< 2	0.39	< 0.5	9	17	23	2.88	< 10	< 1	0.38	< 10	0.66	285
934020	208 274	< 0.002	< 0.2	1.54	48	440	2.5	< 2	0.66	< 0.5	34	49	37	5.30	10	< 1	0.37	20	1.23	680
934021	208 274	< 0.002	0.4	1.17	4	800	< 0.5	< 2	0.82	0.5	6	72	11	2.88	10	< 1	0.32	30	0.72	310
934022	208 274	< 0.002	0.2	0.96	16	570	< 0.5	< 2	0.81	< 0.5	6	66	9	3.51	10	< 1	0.28	20	0.73	440
934023	208 274	< 0.002	< 0.2	1.08	12	620	< 0.5	< 2	0.76	< 0.5	6	67	10	3.02	10	< 1	0.32	10	0.72	325
934024	208 274	< 0.002	< 0.2	0.56	14	560	< 0.5	< 2	0.77	< 0.5	4	27	8	3.03	10	< 1	0.17	20	0.67	375
934025	208 274	< 0.002	< 0.2	1.07	16	760	< 0.5	< 2	0.54	< 0.5	4	52	14	3.25	10	< 1	0.35	10	0.77	300
934026	208 274	< 0.002	< 0.2	0.46	8	450	< 0.5	< 2	0.55	< 0.5	4	26	9	2.42	< 10	< 1	0.15	10	0.56	265
934027	208 274	< 0.002	0.2	0.86	12	620	< 0.5	< 2	0.49	< 0.5	7	46	18	3.85	10	< 1	0.30	10	0.76	440
934028	208 274	< 0.002	< 0.2	0.85	28	380	< 0.5	< 2	5.18	< 0.5	34	79	71	5.30	10	< 1	0.19	< 10	1.99	1060
934029	208 274	< 0.002	< 0.2	1.24	14	290	< 0.5	< 2	5.09	< 0.5	32	91	55	6.83	10	< 1	0.08	< 10	2.19	1530
934030	208 274	< 0.002	< 0.2	1.53	20	350	< 0.5	< 2	5.45	< 0.5	31	120	54	6.27	10	< 1	0.13	< 10	2.27	1255
934031	208 274	< 0.002	< 0.2	1.07	22	360	< 0.5	< 2	4.66	< 0.5	31	99	71	6.14	10	< 1	0.20	< 10	2.48	1120
934032	208 274	< 0.002	< 0.2	0.88	20	290	< 0.5	< 2	4.75	< 0.5	36	75	56	5.84	10	< 1	0.17	< 10	2.23	1220
934033	208 274	< 0.002	0.2	1.04	14	350	< 0.5	< 2	4.21	< 0.5	33	76	45	5.53	10	< 1	0.19	< 10	2.46	1005
934034	208 274	< 0.002	< 0.2	1.48	16	400	< 0.5	< 2	4.25	< 0.5	31	108	39	4.73	10	< 1	0.16	< 10	2.40	850
934035	208 274	< 0.002	< 0.2	1.27	12	350	< 0.5	< 2	4.80	< 0.5	35	94	40	7.31	10	< 1	0.15	< 10	3.18	1550
934036	208 274	< 0.002	< 0.2	1.01	< 2	260	< 0.5	4	4.83	0.5	26	107	46	5.48	10	< 1	0.21	< 10	3.17	970
934037	208 274	< 0.002	< 0.2	0.83	< 2	260	0.5	< 2	5.16	0.5	26	93	47	5.87	10	< 1	0.19	< 10	2.97	1125
934038	208 274	< 0.002	< 0.2	0.98	< 2	250	0.5	< 2	5.83	< 0.5	30	93	47	5.72	10	< 1	0.22	< 10	3.14	1075
934039	208 274	< 0.002	< 0.2	0.77	< 2	220	0.5	< 2	5.78	0.5	29	81	49	5.37	10	< 1	0.23	< 10	2.83	1045
934040	208 274	< 0.002	< 0.2	0.79	< 2	230	0.5	2	5.35	0.5	30	76	50	6.35	10	< 1	0.25	< 10	2.60	1730

CERTIFICATION: Hart Buchler



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Project: CGP 142
Comments:

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Total Pages : 2
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Invoice No. : 19318448
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318448

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934001	208 274	1	0.08	58	590	14	< 2	10	84 < 0.01	< 10	< 10	< 10	42	< 10	102
934002	208 274	1	0.08	47	470	10	< 2	7	56 < 0.01	< 10	< 10	< 10	31	< 10	70
934003	208 274	1	0.07	38	360	12	< 2	5	57 < 0.01	< 10	< 10	< 10	24	< 10	44
934004	208 274	1	0.08	47	460	12	2	3	44 < 0.01	< 10	< 10	< 10	19	< 10	44
934005	208 274	1	0.09	35	370	10	2	4	82 < 0.01	< 10	< 10	< 10	21	< 10	38
934006	208 274	2	0.15	59	450	20	< 2	7	65 < 0.01	< 10	< 10	< 10	26	< 10	86
934007	208 274	2	0.20	85	480	30	4	11	69 < 0.01	< 10	< 10	< 10	36	< 10	144
934008	208 274	1	0.20	45	380	26	2	9	67 < 0.01	< 10	< 10	< 10	28	< 10	124
934009	208 274	1	0.22	51	510	24	< 2	11	72 < 0.01	< 10	< 10	< 10	33	< 10	114
934010	208 274	1	0.19	55	630	20	2	9	59 < 0.01	< 10	< 10	< 10	32	< 10	100
934011	208 274	4	0.20	67	1080	30	< 2	10	79 < 0.01	< 10	10	< 10	40	< 10	126
934012	208 274	2	0.24	74	330	30	< 2	11	70 < 0.01	< 10	< 10	< 10	31	< 10	124
934013	208 274	< 1	0.24	56	420	30	< 2	11	76 < 0.01	< 10	< 10	< 10	31	< 10	126
934014	208 274	1	0.22	55	1050	14	< 2	10	84 < 0.01	< 10	< 10	< 10	35	< 10	116
934015	208 274	1	0.15	36	450	12	< 2	6	52 < 0.01	< 10	< 10	< 10	24	< 10	72
934016	208 274	< 1	0.22	53	400	12	< 2	11	71 < 0.01	< 10	< 10	< 10	36	< 10	106
934017	208 274	2	0.21	47	540	14	2	11	70 < 0.01	< 10	< 10	< 10	36	< 10	110
934018	208 274	1	0.22	65	530	16	< 2	11	66 < 0.01	< 10	< 10	< 10	34	< 10	122
934019	208 274	2	0.51	26	90	24	< 2	6	112 < 0.01	< 10	< 10	< 10	10	< 10	106
934020	208 274	6	0.61	93	560	18	< 2	14	117 < 0.01	< 10	< 10	< 10	54	< 10	134
934021	208 274	1	0.42	10	150	28	< 2	4	102 < 0.01	< 10	< 10	< 10	10	< 10	110
934022	208 274	< 1	0.33	9	90	26	< 2	4	83 < 0.01	< 10	< 10	< 10	9	< 10	92
934023	208 274	1	0.36	10	70	28	< 2	4	89 < 0.01	< 10	< 10	< 10	9	< 10	96
934024	208 274	1	0.35	7	110	26	2	3	85 < 0.01	< 10	< 10	< 10	6	< 10	92
934025	208 274	< 1	0.41	10	70	32	2	5	98 < 0.01	< 10	< 10	< 10	9	< 10	102
934026	208 274	1	0.30	8	30	26	< 2	4	71 < 0.01	< 10	< 10	< 10	6	< 10	88
934027	208 274	< 1	0.36	11	60	16	< 2	6	83 < 0.01	< 10	< 10	< 10	10	< 10	88
934028	208 274	< 1	0.28	61	770	< 2	< 2	28	155 < 0.01	< 10	< 10	< 10	117	< 10	60
934029	208 274	< 1	0.35	45	870	< 2	< 2	33	181 < 0.01	< 10	< 10	< 10	97	< 10	134
934030	208 274	< 1	0.36	41	820	< 2	< 2	32	235 < 0.01	< 10	< 10	< 10	103	< 10	66
934031	208 274	< 1	0.28	39	900	< 2	< 2	32	152 < 0.01	< 10	< 10	< 10	146	< 10	66
934032	208 274	< 1	0.27	59	710	< 2	2	30	129 < 0.01	< 10	< 10	< 10	122	< 10	60
934033	208 274	< 1	0.30	57	720	< 2	6	28	154 < 0.01	< 10	< 10	< 10	85	< 10	52
934034	208 274	< 1	0.42	54	650	< 2	2	29	204 < 0.01	< 10	< 10	< 10	85	< 10	48
934035	208 274	< 1	0.36	64	650	< 2	2	26	166 < 0.01	< 10	< 10	< 10	82	< 10	56
934036	208 274	< 1	0.25	44	740	< 2	2	31	158 < 0.01	< 10	< 10	< 10	124	< 10	62
934037	208 274	< 1	0.25	35	730	< 2	2	32	213 < 0.01	< 10	< 10	< 10	115	< 10	58
934038	208 274	< 1	0.26	47	620	< 2	< 2	27	195 < 0.01	< 10	< 10	< 10	119	< 10	56
934039	208 274	< 1	0.24	38	740	< 2	< 2	29	181 < 0.01	< 10	< 10	< 10	132	< 10	54
934040	208 274	< 1	0.25	40	700	< 2	2	28	181 < 0.01	< 10	< 10	< 10	161	< 10	60

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP 142
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CERTIFICATE OF ANALYSIS

A9318448

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934041	208 274	< 0.002	< 0.2	0.58	< 2	150	0.5	< 2	5.41	< 0.5	32	113	50	7.05	10	< 1	0.20	< 10	2.39	1545
934042	208 274	< 0.002	< 0.2	1.18	< 2	270	1.0	< 2	2.38	0.5	39	91	62	5.75	10	< 1	0.37	< 10	1.12	995
934043	208 274	< 0.002	< 0.2	0.94	26	340	4.0	6	0.89	0.5	39	32	53	7.03	10	< 1	0.40	< 10	1.14	520
934044	208 274	< 0.002	0.2	0.94	< 2	280	3.0	< 2	1.42	< 0.5	3	62	8	1.58	20	< 1	0.47	60	0.26	335
934045	208 274	< 0.002	< 0.2	0.98	< 2	230	3.0	< 2	0.56	< 0.5	1	62	7	1.84	10	< 1	0.54	30	0.19	175

CERTIFICATION: *Hart Biehler*



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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934041	208	274	< 1	0.22	48	810	4	4	34	158	< 0.01	< 10	< 10	229	< 10	78
934042	208	274	< 1	0.32	55	1070	4	< 2	31	121	< 0.01	< 10	< 10	111	< 10	66
934043	208	274	< 1	0.41	89	390	24	2	16	111	< 0.01	< 10	< 10	34	< 10	98
934044	208	274	< 1	0.23	4	220	12	< 2	3	111	< 0.01	< 10	< 10	9	< 10	70
934045	208	274	< 1	0.20	3	160	14	< 2	2	62	< 0.01	< 10	< 10	9	< 10	48



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CERTIFICATE OF ANALYSIS

A9318984

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1 Hunt Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934046	208 274	3	0.23	10	200	26	< 2	3	63	< 0.01	< 10	< 10	12	< 10	92
934047	208 274	5	0.21	9	190	24	4	2	54	< 0.01	< 10	< 10	10	< 10	84
934048	208 274	3	0.21	8	260	18	2	4	90	< 0.01	< 10	< 10	12	< 10	74
934049	208 274	14	0.22	11	850	12	2	6	71	< 0.01	< 10	< 10	20	< 10	68
934050	208 274	11	0.29	29	3950	12	6	13	124	< 0.01	< 10	< 10	74	< 10	92
934051	208 274	1	0.17	5	150	4	2	2	55	< 0.01	< 10	< 10	6	< 10	28
934052	208 274	4	0.19	25	2840	6	2	11	147	< 0.01	< 10	< 10	67	< 10	66
934053	208 274	4	0.16	8	460	8	2	3	76	< 0.01	< 10	< 10	12	< 10	58
934054	208 274	11	0.15	8	200	18	2	3	189	< 0.01	< 10	< 10	11	< 10	124
934055	208 274	1	0.22	6	400	22	2	3	82	< 0.01	< 10	< 10	13	< 10	62
934056	208 274	< 1	0.22	6	300	18	< 2	3	66	< 0.01	< 10	< 10	10	< 10	62
934057	208 274	< 1	0.22	6	420	16	4	4	80	< 0.01	< 10	< 10	18	< 10	64
934058	208 274	< 1	0.21	8	420	20	< 2	4	77	< 0.01	< 10	< 10	18	< 10	76
934059	208 274	1	0.22	8	380	18	4	4	96	< 0.01	< 10	< 10	23	< 10	72
934060	208 274	< 1	0.24	7	460	18	2	4	72	< 0.01	< 10	< 10	16	< 10	66

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934061	208 274	< 0.002	< 0.2	0.42	2	120	2.5	< 2	5.16	< 0.5	23	46	29	6.90	< 10	< 1	0.15	10	0.72	1335
934062	208 274	< 0.002	0.4	0.32	< 2	110	1.0	< 2	0.70	< 0.5	5	51	6	2.38	10	< 1	0.23	30	0.13	805
934063	208 274	< 0.002	0.6	0.25	< 2	90	1.0	< 2	0.46	< 0.5	4	40	5	2.36	< 10	< 1	0.19	20	0.11	1075
934064	208 274	< 0.002	0.2	0.34	< 2	120	1.0	< 2	0.50	< 0.5	3	74	6	2.45	< 10	< 1	0.25	10	0.16	665
934065	208 274	< 0.002	0.2	0.39	< 2	110	1.0	2	0.31	< 0.5	4	59	7	2.59	< 10	< 1	0.28	20	0.21	470
934066	208 274	< 0.002	0.2	0.48	2	130	1.0	< 2	0.91	< 0.5	8	60	11	3.31	< 10	< 1	0.26	10	0.51	785
934067	208 274	< 0.002	0.6	0.39	4	130	0.5	< 2	0.53	< 0.5	4	55	10	2.28	< 10	< 1	0.21	< 10	0.25	830
934068	208 274	< 0.002	0.4	0.42	< 2	140	1.0	< 2	0.64	< 0.5	4	82	6	2.87	< 10	< 1	0.24	10	0.26	405
934069	208 274	< 0.002	0.2	0.39	8	150	1.0	< 2	0.84	< 0.5	4	50	7	2.33	< 10	< 1	0.21	< 10	0.32	265
934070	208 274	< 0.002	0.2	0.52	8	150	1.0	< 2	1.64	< 0.5	6	124	12	2.99	< 10	< 1	0.25	< 10	0.63	520
934071	208 274	< 0.002	0.2	0.66	14	100	1.0	< 2	0.98	< 0.5	3	77	8	1.72	10	< 1	0.38	20	0.27	305
934072	208 274	< 0.002	< 0.2	0.64	68	100	3.0	< 2	0.77	< 0.5	3	62	7	2.44	10	< 1	0.43	40	0.28	470
934073	208 274	< 0.002	< 0.2	0.64	2	140	2.5	< 2	0.31	< 0.5	1	45	5	1.48	10	< 1	0.45	70	0.11	170
934074	208 274	< 0.002	< 0.2	0.75	< 2	100	2.5	< 2	0.40	< 0.5	1	63	3	1.49	20	< 1	0.48	80	0.12	250
934075	208 274	< 0.002	< 0.2	0.57	< 2	100	2.0	< 2	0.31	< 0.5	< 1	35	3	1.34	10	1	0.40	80	0.05	95
934076	208 274	< 0.002	< 0.2	0.71	2	150	4.0	< 2	0.38	< 0.5	2	49	5	1.86	20	< 1	0.48	100	0.11	350
934077	208 274	< 0.002	0.4	0.47	< 2	130	1.5	< 2	0.70	< 0.5	1	39	2	0.87	10	< 1	0.29	60	0.15	330
934078	208 274	< 0.002	< 0.2	0.64	2	140	2.5	2	0.60	< 0.5	1	49	3	1.63	20	< 1	0.41	80	0.12	265
934079	208 274	< 0.002	0.2	0.62	< 2	130	3.0	< 2	0.78	< 0.5	3	49	3	1.73	10	< 1	0.40	80	0.19	610
934080	208 274	< 0.002	< 0.2	0.71	2	130	3.0	< 2	0.91	< 0.5	2	87	2	2.04	10	< 1	0.41	60	0.18	455
934081	208 274	< 0.002	0.2	0.46	< 2	120	2.5	< 2	1.28	< 0.5	3	32	3	1.76	10	< 1	0.29	60	0.23	550
934082	208 274	< 0.002	< 0.2	0.55	2	90	2.0	< 2	0.77	< 0.5	1	35	2	1.51	10	< 1	0.30	40	0.11	285
934083	208 274	< 0.002	< 0.2	0.61	< 2	120	2.5	< 2	1.01	< 0.5	2	67	3	1.87	10	< 1	0.35	40	0.14	305
934084	208 274	< 0.002	< 0.2	0.60	2	120	2.5	< 2	1.03	< 0.5	2	61	3	1.50	10	< 1	0.35	40	0.18	430
934085	208 274	< 0.002	0.4	0.59	< 2	120	2.0	< 2	1.01	< 0.5	6	76	8	2.46	< 10	< 1	0.25	10	0.33	670
934086	208 274	< 0.002	< 0.2	0.47	6	100	1.5	< 2	1.23	< 0.5	5	70	7	2.24	< 10	< 1	0.22	10	0.33	515
934087	208 274	< 0.002	0.2	0.54	< 2	110	2.0	< 2	0.93	< 0.5	4	86	9	2.54	< 10	< 1	0.25	10	0.32	510
934088	208 274	< 0.002	< 0.2	0.65	2	120	2.0	< 2	1.34	< 0.5	4	65	8	2.35	10	< 1	0.28	20	0.36	505
934089	208 274	< 0.002	0.2	0.48	10	110	2.0	< 2	0.94	< 0.5	3	86	8	2.13	< 10	< 1	0.20	20	0.32	435
934090	208 274	< 0.002	0.2	0.56	4	120	2.0	< 2	0.66	< 0.5	4	97	9	2.40	< 10	< 1	0.23	20	0.35	445
934091	208 274	< 0.002	0.2	0.47	4	100	1.5	< 2	0.82	< 0.5	5	90	8	2.45	< 10	< 1	0.22	20	0.40	470
934092	208 274	< 0.002	0.2	0.53	12	100	2.0	< 2	1.32	< 0.5	6	119	8	2.51	< 10	< 1	0.24	20	0.46	525
934093	208 274	< 0.002	0.2	0.61	2	100	1.5	< 2	1.22	< 0.5	6	88	8	2.63	< 10	< 1	0.26	20	0.50	500
934094	208 274	< 0.002	0.2	0.59	6	110	2.0	< 2	2.70	< 0.5	7	96	8	2.77	< 10	< 1	0.24	20	0.67	675
934095	208 274	< 0.002	< 0.2	0.55	< 2	100	2.0	< 2	1.44	< 0.5	6	99	8	2.57	< 10	< 1	0.23	10	0.57	500
934096	208 274	< 0.002	< 0.2	0.51	< 2	100	2.0	< 2	1.34	< 0.5	8	91	9	2.70	< 10	< 1	0.22	20	0.57	520
934097	208 274	< 0.002	< 0.2	0.47	< 2	90	1.5	< 2	1.43	< 0.5	7	75	9	2.57	< 10	< 1	0.20	10	0.55	505
934098	208 274	< 0.002	< 0.2	0.62	10	100	2.0	< 2	1.12	< 0.5	6	123	9	2.74	< 10	< 1	0.26	20	0.53	540
934099	208 274	< 0.002	< 0.2	0.55	< 2	90	2.0	< 2	1.09	< 0.5	6	92	8	2.61	10	< 1	0.23	30	0.48	590
934100	208 274	< 0.002	0.2	0.60	< 2	100	1.5	2	1.09	< 0.5	6	114	8	2.67	10	< 1	0.26	30	0.49	580

CERTIFICATION:

Hart Bickler



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934061	208 274	1	0.04	26	2910	30	6	12	291	< 0.01	< 10	10	69	< 10	90
934062	208 274	< 1	0.01	7	210	14	< 2	3	34	< 0.01	< 10	< 10	15	< 10	80
934063	208 274	< 1	0.01	6	120	8	< 2	2	22	< 0.01	< 10	< 10	10	< 10	78
934064	208 274	< 1	0.02	7	90	14	2	2	29	< 0.01	< 10	< 10	9	< 10	88
934065	208 274	< 1	0.02	7	100	12	2	2	23	< 0.01	< 10	< 10	8	< 10	82
934066	208 274	< 1	0.03	13	540	20	< 2	4	47	< 0.01	< 10	< 10	19	< 10	88
934067	208 274	< 1	0.02	9	120	22	2	2	40	< 0.01	< 10	< 10	11	< 10	82
934068	208 274	< 1	0.03	8	110	32	2	3	55	< 0.01	< 10	< 10	11	< 10	100
934069	208 274	< 1	0.04	9	130	26	2	2	48	< 0.01	< 10	< 10	13	< 10	76
934070	208 274	< 1	0.06	13	280	44	2	4	70	< 0.01	< 10	< 10	26	< 10	90
934071	208 274	< 1	0.09	9	860	30	2	3	72	< 0.01	< 10	< 10	10	< 10	60
934072	208 274	< 1	0.11	7	180	30	2	3	66	< 0.01	< 10	< 10	6	< 10	80
934073	208 274	< 1	0.14	3	180	12	4	2	57	< 0.01	< 10	< 10	4	< 10	36
934074	208 274	< 1	0.16	3	170	12	< 2	2	55	< 0.01	< 10	< 10	4	< 10	46
934075	208 274	< 1	0.16	2	160	18	< 2	1	49	< 0.01	< 10	< 10	4	< 10	16
934076	208 274	< 1	0.23	2	180	18	< 2	2	64	< 0.01	< 10	< 10	5	< 10	50
934077	208 274	< 1	0.18	3	210	30	2	2	62	< 0.01	< 10	< 10	7	< 10	42
934078	208 274	< 1	0.19	2	200	26	< 2	2	55	< 0.01	< 10	< 10	10	< 10	34
934079	208 274	< 1	0.20	2	220	26	4	3	61	< 0.01	< 10	< 10	9	< 10	48
934080	208 274	< 1	0.19	2	240	22	2	3	61	< 0.01	< 10	< 10	13	< 10	36
934081	208 274	< 1	0.19	3	230	24	2	3	68	< 0.01	< 10	< 10	11	< 10	44
934082	208 274	< 1	0.15	2	170	12	< 2	2	52	< 0.01	< 10	< 10	8	< 10	22
934083	208 274	< 1	0.21	2	240	16	< 2	2	71	< 0.01	< 10	< 10	9	< 10	28
934084	208 274	< 1	0.21	4	230	12	< 2	3	64	< 0.01	< 10	< 10	10	< 10	42
934085	208 274	1	0.20	7	360	20	2	3	55	< 0.01	< 10	< 10	14	< 10	78
934086	208 274	< 1	0.18	7	360	24	< 2	3	52	< 0.01	< 10	< 10	13	< 10	76
934087	208 274	1	0.19	7	470	18	2	3	49	< 0.01	< 10	< 10	14	< 10	82
934088	208 274	2	0.20	7	470	22	< 2	3	63	< 0.01	< 10	< 10	15	< 10	78
934089	208 274	11	0.18	7	680	24	< 2	2	54	< 0.01	< 10	< 10	11	< 10	70
934090	208 274	2	0.21	8	1120	24	< 2	2	49	< 0.01	< 10	< 10	11	< 10	78
934091	208 274	3	0.18	7	600	18	2	3	53	< 0.01	< 10	< 10	14	< 10	64
934092	208 274	3	0.19	9	720	20	2	4	62	< 0.01	< 10	< 10	18	< 10	70
934093	208 274	< 1	0.20	8	650	14	4	4	64	< 0.01	< 10	< 10	19	< 10	78
934094	208 274	2	0.22	9	460	24	4	4	105	< 0.01	< 10	< 10	24	< 10	72
934095	208 274	< 1	0.20	9	460	18	< 2	4	76	< 0.01	< 10	< 10	22	< 10	74
934096	208 274	< 1	0.19	9	500	16	4	4	64	< 0.01	< 10	< 10	22	< 10	74
934097	208 274	1	0.19	9	480	18	4	4	68	< 0.01	< 10	< 10	21	< 10	64
934098	208 274	1	0.21	9	530	20	2	4	72	< 0.01	< 10	< 10	18	< 10	76
934099	208 274	1	0.20	8	440	16	2	4	71	< 0.01	< 10	< 10	16	< 10	76
934100	208 274	1	0.20	9	450	14	2	4	67	< 0.01	< 10	< 10	16	< 10	78

CERTIFICATION:

Hart Buehler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP-143
Comments:

Page Number :2-A
Total Pages :2
Certificate Date: 21-AUG-93
Invoice No. :19318986
P.O. Number :
Account :F

CERTIFICATE OF ANALYSIS

A9318986

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934101	208 274	< 0.002	< 0.2	0.58	4	100	1.5	< 2	1.49	< 0.5	5	111	8	2.50	10	< 1	0.27	30	0.48	570
934102	208 274	< 0.002	< 0.2	0.55	< 2	100	1.5	< 2	1.13	< 0.5	4	97	9	2.45	10	< 1	0.25	30	0.47	515
934103	208 274	< 0.002	< 0.2	0.60	< 2	90	1.5	< 2	1.25	< 0.5	6	128	9	2.67	< 10	< 1	0.29	30	0.55	515
934104	208 274	< 0.002	0.2	0.50	< 2	80	1.5	< 2	1.46	< 0.5	5	106	8	2.27	< 10	< 1	0.23	20	0.48	510
934105	208 274	< 0.002	< 0.2	0.55	4	90	1.5	< 2	1.98	< 0.5	6	128	8	2.62	< 10	< 1	0.25	20	0.59	590
934106	208 274	< 0.002	< 0.2	0.52	< 2	80	1.5	< 2	1.64	< 0.5	7	120	9	2.81	10	< 1	0.25	30	0.58	590
934107	208 274	< 0.002	< 0.2	0.72	< 2	90	1.5	< 2	1.35	< 0.5	6	134	8	2.52	10	< 1	0.32	30	0.51	530
934108	208 274	< 0.002	< 0.2	0.67	< 2	80	1.5	< 2	1.27	< 0.5	7	144	9	2.74	10	< 1	0.31	30	0.58	505
934109	208 274	< 0.002	< 0.2	0.69	< 2	80	1.5	< 2	1.90	< 0.5	6	131	9	2.72	10	< 1	0.32	30	0.62	595
934110	208 274	< 0.002	< 0.2	0.80	4	90	1.5	< 2	1.35	< 0.5	5	127	9	2.57	10	< 1	0.34	30	0.57	500
934111	208 274	< 0.002	< 0.2	0.63	4	80	1.5	< 2	1.71	< 0.5	6	134	8	2.61	10	< 1	0.30	30	0.60	615
934112	208 274	< 0.002	< 0.2	0.63	4	80	1.0	< 2	1.34	< 0.5	5	136	9	2.61	10	< 1	0.30	30	0.58	525
934113	208 274	< 0.002	< 0.2	0.63	2	80	1.5	< 2	1.52	< 0.5	6	130	9	2.77	10	< 1	0.31	40	0.61	560
934114	208 274	< 0.002	< 0.2	0.65	< 2	80	1.5	< 2	1.45	< 0.5	6	112	9	2.66	10	< 1	0.30	40	0.59	540
934115	208 274	< 0.002	< 0.2	0.65	< 2	70	1.0	< 2	2.20	< 0.5	5	101	8	2.67	10	< 1	0.31	50	0.66	620
934116	208 274	< 0.002	< 0.2	0.53	< 2	70	1.0	< 2	1.70	< 0.5	5	112	8	2.73	10	< 1	0.27	40	0.56	580
934117	208 274	< 0.002	< 0.2	0.55	6	80	1.0	< 2	1.47	< 0.5	6	122	8	2.65	10	< 1	0.29	40	0.55	515

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP-143
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Certificate Date: 21-AUG-93
Invoice No. : 19318986
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Account : F

CERTIFICATE OF ANALYSIS

A9318986

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934101	208 274	1	0.20	9	350	22	2	4	76	< 0.01	< 10	< 10	17	< 10	74
934102	208 274	1	0.21	8	390	10	2	3	70	< 0.01	< 10	< 10	14	< 10	72
934103	208 274	1	0.19	10	420	20	2	4	77	< 0.01	< 10	< 10	18	< 10	70
934104	208 274	< 1	0.18	7	440	12	< 2	4	78	< 0.01	< 10	< 10	14	< 10	62
934105	208 274	< 1	0.18	10	430	18	2	4	93	< 0.01	< 10	< 10	19	< 10	72
934106	208 274	< 1	0.17	11	450	8	2	4	78	< 0.01	< 10	< 10	18	< 10	76
934107	208 274	< 1	0.19	9	420	8	< 2	3	82	< 0.01	< 10	< 10	15	< 10	70
934108	208 274	1	0.17	12	510	18	2	4	81	< 0.01	< 10	< 10	18	< 10	72
934109	208 274	< 1	0.17	11	460	14	< 2	4	87	< 0.01	< 10	< 10	19	< 10	72
934110	208 274	< 1	0.22	9	470	16	2	4	97	< 0.01	< 10	< 10	18	< 10	70
934111	208 274	< 1	0.17	10	460	16	< 2	4	106	< 0.01	< 10	< 10	17	< 10	68
934112	208 274	1	0.19	9	450	14	< 2	3	92	< 0.01	< 10	< 10	16	< 10	72
934113	208 274	< 1	0.18	10	490	16	2	4	100	< 0.01	< 10	< 10	17	< 10	80
934114	208 274	1	0.18	9	460	18	2	4	96	< 0.01	< 10	< 10	16	< 10	74
934115	208 274	< 1	0.17	8	440	20	2	4	134	< 0.01	< 10	< 10	17	< 10	74
934116	208 274	1	0.17	10	470	14	2	4	95	< 0.01	< 10	< 10	15	< 10	76
934117	208 274	1	0.17	9	460	16	2	3	83	< 0.01	< 10	< 10	16	< 10	74

CERTIFICATION: *Handwritten signature*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP-144
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Page Number : 1-A
Total Pages : 2
Certificate Date: 18-AUG-93
Invoice No. : I9318989
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9318989

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934118	208 274	< 0.002	< 0.2	0.63	4	100	< 0.5	< 2	3.23	< 0.5	8	155	14	2.96	< 10	< 1	0.20	10	1.26	725
934119	208 274	< 0.002	< 0.2	0.65	6	130	< 0.5	< 2	2.94	< 0.5	12	129	15	4.08	< 10	< 1	0.29	< 10	1.37	750
934120	208 274	< 0.002	< 0.2	0.73	4	120	< 0.5	< 2	2.57	< 0.5	13	138	16	4.24	< 10	< 1	0.34	10	1.26	790
934121	208 274	< 0.002	< 0.2	0.83	< 2	190	< 0.5	< 2	2.21	< 0.5	11	140	14	3.95	< 10	< 1	0.37	< 10	1.14	710
934122	208 274	< 0.002	< 0.2	0.39	12	170	< 0.5	< 2	2.37	< 0.5	9	87	14	3.73	< 10	< 1	0.18	< 10	0.90	710
934123	208 274	< 0.002	< 0.2	0.63	< 2	140	< 0.5	< 2	1.76	< 0.5	9	111	9	2.77	< 10	< 1	0.28	< 10	0.67	515
934124	208 274	< 0.002	< 0.2	0.67	40	250	< 0.5	< 2	2.17	< 0.5	11	140	13	3.56	< 10	< 1	0.30	10	0.82	660
934125	208 274	< 0.002	< 0.2	0.77	74	460	< 0.5	< 2	1.84	< 0.5	9	138	12	3.26	< 10	< 1	0.35	10	0.64	565
934126	208 274	< 0.002	< 0.2	0.27	48	790	< 0.5	< 2	2.05	< 0.5	8	101	9	3.26	< 10	< 1	0.14	< 10	0.76	660
934127	208 274	< 0.002	< 0.2	0.72	12	400	< 0.5	< 2	2.42	< 0.5	9	114	12	3.60	< 10	< 1	0.33	< 10	1.01	690
934128	208 274	< 0.002	< 0.2	0.34	30	260	< 0.5	< 2	2.00	< 0.5	10	86	13	3.64	< 10	< 1	0.16	< 10	0.75	660
934129	208 274	< 0.002	< 0.2	0.71	36	220	< 0.5	< 2	1.89	< 0.5	9	122	11	3.55	< 10	< 1	0.34	< 10	0.69	650
934130	208 274	< 0.002	< 0.2	0.36	16	250	< 0.5	< 2	2.38	< 0.5	9	83	13	3.52	< 10	< 1	0.17	10	0.72	685
934131	208 274	< 0.002	< 0.2	0.87	42	300	< 0.5	< 2	2.56	< 0.5	11	115	11	3.89	< 10	< 1	0.41	20	0.80	880
934132	208 274	< 0.002	< 0.2	0.36	44	480	< 0.5	< 2	1.63	< 0.5	9	63	12	3.32	< 10	< 1	0.17	20	0.65	620
934133	208 274	< 0.002	< 0.2	0.83	6	190	< 0.5	< 2	2.12	< 0.5	6	112	10	2.65	< 10	< 1	0.41	60	0.80	595
934134	208 274	< 0.002	< 0.2	0.47	16	230	< 0.5	< 2	2.03	< 0.5	12	82	11	3.81	< 10	< 1	0.20	50	0.97	710
934135	208 274	< 0.002	< 0.2	1.96	8	250	< 0.5	< 2	2.68	< 0.5	19	110	10	5.67	< 10	< 1	0.77	30	1.43	980
934136	208 274	< 0.002	< 0.2	0.98	24	220	< 0.5	< 2	2.09	< 0.5	17	102	16	4.56	< 10	< 1	0.43	40	1.12	805
934137	208 274	< 0.002	< 0.2	1.00	6	180	< 0.5	< 2	1.43	< 0.5	5	80	11	2.24	< 10	< 1	0.50	60	0.63	450
934138	208 274	< 0.002	< 0.2	0.46	26	170	< 0.5	< 2	1.50	< 0.5	4	52	12	2.30	< 10	< 1	0.29	70	0.63	465
934139	208 274	< 0.002	< 0.2	1.13	22	210	< 0.5	< 2	2.30	< 0.5	12	74	12	3.98	< 10	< 1	0.51	20	1.31	750
934140	208 274	< 0.002	< 0.2	0.65	102	210	< 0.5	< 2	2.44	< 0.5	16	59	15	3.68	< 10	< 1	0.26	10	1.43	570
934141	208 274	< 0.002	< 0.2	0.88	50	150	< 0.5	< 2	3.99	< 0.5	10	80	10	3.30	< 10	< 1	0.38	< 10	2.04	660
934142	208 274	< 0.002	< 0.2	0.77	52	210	< 0.5	< 2	5.90	< 0.5	19	97	20	4.62	< 10	< 1	0.28	< 10	3.27	850
934143	208 274	< 0.002	< 0.2	1.08	28	270	< 0.5	< 2	4.01	< 0.5	29	104	35	6.26	< 10	< 1	0.33	< 10	3.64	1015
934144	208 274	< 0.002	< 0.2	1.28	< 2	270	< 0.5	< 2	4.13	< 0.5	33	92	42	5.40	< 10	< 1	0.18	10	3.18	900
934145	208 274	< 0.002	< 0.2	2.56	4	250	< 0.5	< 2	4.62	< 0.5	30	84	42	5.38	< 10	< 1	0.10	10	2.77	815
934146	208 274	< 0.002	< 0.2	1.93	4	250	< 0.5	< 2	4.35	< 0.5	34	92	45	5.94	< 10	< 1	0.15	10	3.42	1025
934147	208 274	< 0.002	< 0.2	2.80	< 2	270	< 0.5	< 2	4.52	< 0.5	31	85	45	5.53	< 10	< 1	0.09	10	2.61	875
934148	208 274	< 0.002	< 0.2	1.30	6	250	< 0.5	< 2	4.45	< 0.5	31	60	39	5.54	< 10	< 1	0.09	10	2.72	890
934149	208 274	< 0.002	< 0.2	1.33	< 2	340	< 0.5	< 2	4.63	< 0.5	28	76	41	5.38	< 10	< 1	0.25	10	2.76	925
934150	208 274	< 0.002	< 0.2	0.51	18	290	< 0.5	< 2	5.52	< 0.5	23	66	39	5.37	< 10	< 1	0.18	10	3.07	950
934151	208 274	< 0.002	< 0.2	0.66	14	140	< 0.5	< 2	7.84	< 0.5	12	88	14	3.81	< 10	< 1	0.21	< 10	3.42	970
934152	208 274	< 0.002	< 0.2	0.54	24	300	< 0.5	< 2	3.95	< 0.5	19	61	23	3.78	< 10	< 1	0.20	< 10	1.93	740
934153	208 274	< 0.002	< 0.2	2.29	14	400	< 0.5	< 2	4.05	< 0.5	36	98	50	6.13	< 10	< 1	0.35	10	2.62	1180
934154	208 274	< 0.002	< 0.2	0.80	6	160	< 0.5	< 2	3.06	< 0.5	13	89	17	3.55	< 10	< 1	0.37	10	1.50	685
934155	208 274	< 0.002	< 0.2	1.63	16	670	< 0.5	< 2	4.72	< 0.5	15	96	28	4.16	< 10	< 1	0.60	10	2.25	875
934156	208 274	< 0.002	< 0.2	2.84	56	310	< 0.5	< 2	6.07	< 0.5	28	153	39	5.67	< 10	< 1	1.01	< 10	3.23	1065
934157	208 274	< 0.002	< 0.2	2.00	32	320	< 0.5	< 2	4.12	< 0.5	32	134	39	6.30	< 10	< 1	0.67	< 10	4.00	1100

CERTIFICATION:

Hart Bickler



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934118	208 274	2	0.06	14	700	10	4	4	109	< 0.01	< 10	< 10	26	< 10	68
934119	208 274	2	0.09	19	970	16	2	5	86	< 0.01	< 10	< 10	37	< 10	100
934120	208 274	2	0.12	18	960	14	6	6	81	< 0.01	< 10	< 10	39	< 10	104
934121	208 274	2	0.14	17	820	20	2	4	75	< 0.01	< 10	< 10	33	< 10	104
934122	208 274	3	0.12	14	700	22	2	3	69	< 0.01	< 10	< 10	25	< 10	100
934123	208 274	2	0.10	11	560	8	4	3	52	< 0.01	< 10	< 10	23	< 10	68
934124	208 274	3	0.14	14	720	16	4	4	71	< 0.01	< 10	< 10	25	< 10	88
934125	208 274	2	0.13	15	630	22	4	3	70	< 0.01	< 10	< 10	20	< 10	88
934126	208 274	3	0.10	10	490	16	4	2	80	< 0.01	< 10	< 10	17	< 10	94
934127	208 274	2	0.13	14	640	22	2	4	80	< 0.01	< 10	< 10	28	< 10	94
934128	208 274	3	0.11	13	620	16	4	3	63	< 0.01	< 10	< 10	21	< 10	92
934129	208 274	3	0.12	13	630	18	4	3	58	< 0.01	< 10	< 10	23	< 10	92
934130	208 274	2	0.13	13	690	14	2	3	71	< 0.01	< 10	< 10	19	< 10	98
934131	208 274	2	0.15	14	750	18	4	4	81	< 0.01	< 10	< 10	24	< 10	102
934132	208 274	3	0.15	11	710	22	< 2	3	54	< 0.01	< 10	< 10	16	< 10	90
934133	208 274	3	0.14	10	450	20	4	2	55	< 0.01	< 10	< 10	12	< 10	92
934134	208 274	2	0.18	16	850	26	2	4	65	< 0.01	< 10	< 10	20	< 10	104
934135	208 274	2	0.21	24	1200	16	4	8	76	< 0.01	< 10	< 10	54	< 10	118
934136	208 274	3	0.19	20	1230	16	2	5	61	< 0.01	< 10	< 10	33	< 10	104
934137	208 274	3	0.14	9	550	24	2	2	44	< 0.01	< 10	< 10	12	< 10	92
934138	208 274	1	0.15	7	350	26	2	1	48	< 0.01	< 10	< 10	4	< 10	106
934139	208 274	2	0.20	15	1040	18	4	4	73	< 0.01	< 10	< 10	22	< 10	108
934140	208 274	3	0.22	24	760	6	4	7	78	< 0.01	< 10	< 10	30	< 10	80
934141	208 274	1	0.18	15	740	10	2	4	105	< 0.01	< 10	< 10	24	< 10	76
934142	208 274	2	0.24	30	890	4	2	11	154	< 0.01	< 10	< 10	52	< 10	70
934143	208 274	2	0.30	61	1000	2	< 2	17	154	< 0.01	< 10	< 10	82	< 10	66
934144	208 274	< 1	0.36	62	1030	4	2	25	241	< 0.01	< 10	< 10	70	< 10	58
934145	208 274	< 1	0.66	63	1050	< 2	6	15	284	0.02	< 10	< 10	51	< 10	64
934146	208 274	< 1	0.52	66	1130	6	4	24	231	< 0.01	< 10	< 10	62	< 10	60
934147	208 274	< 1	0.76	61	1090	6	2	20	284	0.02	< 10	< 10	57	< 10	68
934148	208 274	< 1	0.46	50	1010	2	4	24	242	< 0.01	< 10	< 10	48	< 10	64
934149	208 274	1	0.39	43	1020	12	2	21	222	< 0.01	< 10	< 10	65	< 10	66
934150	208 274	1	0.24	26	1020	< 2	4	15	170	< 0.01	< 10	< 10	61	< 10	62
934151	208 274	3	0.13	16	540	< 2	2	7	166	< 0.01	< 10	< 10	54	< 10	36
934152	208 274	3	0.25	30	820	14	2	10	112	< 0.01	< 10	< 10	35	< 10	76
934153	208 274	< 1	0.51	79	1250	8	< 2	24	199	< 0.01	< 10	< 10	75	< 10	82
934154	208 274	3	0.16	20	760	20	4	5	83	< 0.01	< 10	< 10	32	< 10	84
934155	208 274	5	0.21	23	870	14	2	8	136	< 0.01	< 10	< 10	57	< 10	82
934156	208 274	3	0.27	50	1020	12	4	12	178	< 0.01	< 10	< 10	109	< 10	70
934157	208 274	1	0.31	71	1000	10	6	14	166	< 0.01	< 10	< 10	97	< 10	70

CERTIFICATION:

David Beckler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : CGP-144
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CERTIFICATE OF ANALYSIS

A9318989

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934158	208 274	< 0.002	< 0.2	0.58	14	280	< 0.5	< 2	4.36	< 0.5	32	68	36	5.81	< 10	< 1	0.18	< 10	3.86	920
934159	208 274	< 0.002	< 0.2	0.86	14	280	< 0.5	< 2	5.84	< 0.5	28	96	40	6.03	< 10	< 1	0.30	< 10	4.26	1170
934160	208 274	< 0.002	< 0.2	0.48	30	290	< 0.5	< 2	4.65	< 0.5	27	68	26	4.80	< 10	< 1	0.14	< 10	3.48	955

CERTIFICATION:

Handwritten signature



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934158	208 274	8	0.32	61	950	< 2	2	11	165	< 0.01	< 10	< 10	69	10	62
934159	208 274	2	0.30	59	890	< 2	4	14	196	< 0.01	< 10	< 10	71	10	62
934160	208 274	1	0.30	52	730	< 2	4	12	175	< 0.01	< 10	< 10	52	10	52

CERTIFICATION:

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CERTIFICATE OF ANALYSIS

A9319364

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934161	208 274	< 0.002	< 0.2	1.23	16 ✓	370	< 0.5	< 2	4.61	< 0.5	28	85	39	5.35	< 10	< 1	0.37	< 10	2.82	1210
934162	208 274	< 0.002	< 0.2	1.06	26 ✓	330	< 0.5	< 2	4.27	< 0.5	26	90	49	6.15	< 10	< 1	0.34	< 10	3.02	1270
934163	208 274	< 0.002	< 0.2	1.20	32	300	< 0.5	< 2	5.18	< 0.5	22	87	41	6.06	< 10	< 1	0.41	< 10	3.23	1140
934164	208 274	< 0.002	< 0.2	1.22	22	280	< 0.5	< 2	4.68	< 0.5	23	90	42	5.91	< 10	< 1	0.45	< 10	3.28	1080
934165	208 274	< 0.002	< 0.2	1.07	14	260	< 0.5	< 2	4.97	< 0.5	24	85	41	5.66	< 10	< 1	0.33	< 10	2.85	1045
934166	208 274	< 0.002	< 0.2	0.93	8	320	< 0.5	< 2	5.37	< 0.5	23	73	41	5.37	< 10	< 1	0.26	< 10	2.74	1015
934167	208 274	< 0.002	< 0.2	1.05	38	240	< 0.5	< 2	2.64	< 0.5	21	84	22	4.53	10	< 1	0.42	< 10	1.71	645
934168	208 274	< 0.002	< 0.2	0.58	6	160	< 0.5	< 2	1.72	< 0.5	9	62	10	3.40	10	< 1	0.26	30	0.95	600
934169	208 274	< 0.002	< 0.2	0.88	16	200	< 0.5	< 2	1.69	< 0.5	16	82	16	4.42	10	< 1	0.35	< 10	1.20	700
934170	208 274	< 0.002	< 0.2	0.59	18	130	< 0.5	< 2	2.49	< 0.5	7	57	6	1.92	< 10	< 1	0.28	< 10	0.41	560
934171	208 274	< 0.002	< 0.2	0.50	8	70	< 0.5	< 2	3.27	< 0.5	4	82	1	1.43	< 10	< 1	0.24	< 10	0.29	555
934172	208 274	< 0.002	< 0.2	0.67	8	130	< 0.5	< 2	2.61	< 0.5	7	68	6	2.66	< 10	< 1	0.32	< 10	0.47	790
934173	208 274	< 0.002	< 0.2	0.67	2	90	< 0.5	2	2.55	< 0.5	4	79	1	2.36	< 10	< 1	0.34	< 10	0.37	760
934174	208 274	< 0.002	0.2	0.56	52	80	< 0.5	2	1.88	< 0.5	4	86	10	2.44	10	< 1	0.30	10	0.33	615
934175	208 274	< 0.002	< 0.2	0.62	26	80	< 0.5	2	1.63	< 0.5	4	92	8	2.54	10	< 1	0.32	< 10	0.33	565
934176	208 274	< 0.002	< 0.2	0.48	36	80	< 0.5	< 2	2.04	< 0.5	4	72	10	2.49	< 10	< 1	0.25	< 10	0.32	595
934177	208 274	< 0.002	< 0.2	0.85	48	80	< 0.5	< 2	3.00	< 0.5	2	99	13	2.24	10	< 1	0.39	< 10	0.28	505
934178	208 274	< 0.002	< 0.2	0.39	6	70	< 0.5	2	1.18	< 0.5	3	71	5	2.47	10	< 1	0.23	20	0.26	510
934179	208 274	< 0.002	0.2	0.41	4	70	< 0.5	2	0.99	< 0.5	3	66	3	2.28	10	< 1	0.26	40	0.24	495
934180	208 274	< 0.002	0.2	0.42	12	70	< 0.5	< 2	1.02	< 0.5	3	50	4	2.44	10	< 1	0.26	50	0.25	525
934181	208 274	< 0.002	< 0.2	0.78	46	80	< 0.5	< 2	1.16	< 0.5	4	80	14	2.50	10	< 1	0.43	40	0.29	525
934182	208 274	< 0.002	< 0.2	0.83	16	130	< 0.5	< 2	2.61	< 0.5	13	79	10	3.84	10	< 1	0.35	10	1.15	705
934183	208 274	< 0.002	< 0.2	0.92	14	140	< 0.5	< 2	3.31	< 0.5	18	93	13	4.57	< 10	< 1	0.39	< 10	1.56	800

CERTIFICATION:

Yhai D Ma



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CERTIFICATE OF ANALYSIS

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934161	208 274	1	0.34	44	1000	< 2	2	22	176	< 0.01	< 10	< 10	62	< 10	72
934162	208 274	1	0.30	31	1360	< 2	2	21	163	< 0.01	< 10	< 10	89	< 10	86
934163	208 274	< 1	0.27	26	1150	< 2	< 2	18	171	< 0.01	< 10	< 10	77	< 10	78
934164	208 274	1	0.23	32	1200	< 2	2	15	166	< 0.01	< 10	< 10	89	< 10	78
934165	208 274	< 1	0.23	30	1140	< 2	2	17	168	< 0.01	< 10	< 10	78	< 10	74
934166	208 274	< 1	0.24	31	1120	< 2	2	22	178	< 0.01	< 10	< 10	69	< 10	60
934167	208 274	5	0.24	29	900	8	2	10	99	< 0.01	< 10	< 10	54	< 10	90
934168	208 274	2	0.18	12	710	18	< 2	4	55	< 0.01	< 10	< 10	19	< 10	98
934169	208 274	4	0.19	20	1240	12	< 2	6	68	< 0.01	< 10	< 10	43	< 10	98
934170	208 274	3	0.12	8	480	16	< 2	2	97	< 0.01	< 10	< 10	11	< 10	62
934171	208 274	2	0.06	6	230	6	< 2	1	110	< 0.01	< 10	< 10	7	< 10	38
934172	208 274	2	0.14	8	370	18	< 2	3	96	< 0.01	< 10	< 10	12	< 10	106
934173	208 274	2	0.10	5	230	16	< 2	2	85	< 0.01	< 10	< 10	10	< 10	92
934174	208 274	3	0.10	7	290	32	< 2	2	56	< 0.01	< 10	< 10	9	< 10	110
934175	208 274	2	0.10	6	240	26	< 2	2	52	< 0.01	< 10	< 10	10	< 10	102
934176	208 274	3	0.10	6	240	22	< 2	2	57	< 0.01	< 10	< 10	8	< 10	98
934177	208 274	2	0.11	4	170	20	< 2	2	76	< 0.01	< 10	< 10	7	< 10	88
934178	208 274	2	0.09	5	280	22	2	2	35	< 0.01	< 10	< 10	6	< 10	106
934179	208 274	3	0.09	5	260	22	< 2	1	30	< 0.01	< 10	< 10	5	< 10	100
934180	208 274	3	0.09	6	330	30	2	2	31	< 0.01	< 10	< 10	6	< 10	116
934181	208 274	3	0.10	6	290	22	< 2	2	36	< 0.01	< 10	< 10	7	< 10	88
934182	208 274	2	0.18	18	1030	12	2	5	73	< 0.01	< 10	< 10	31	< 10	84
934183	208 274	1	0.19	24	1380	8	2	7	86	< 0.01	< 10	< 10	50	< 10	98

CERTIFICATION:

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Client: ARCHER CATHRO & ASSOC. (1981) LTD.

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Project: CGP-145
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CERTIFICATE OF ANALYSIS

A9319365

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934184	208 274	< 0.002	0.2	0.86	8	110	< 0.5	< 2	1.35	< 0.5	5	157	8	2.48	10	< 1	0.34	10	0.62	515
934185	208 274	< 0.002	0.8	0.71	74	110	< 0.5	< 2	1.18	< 0.5	6	99	16	2.52	< 10	< 1	0.31	< 10	0.56	400
934186	208 274	< 0.002	0.2	0.49	22	70	< 0.5	< 2	0.96	< 0.5	6	68	8	2.83	< 10	< 1	0.21	< 10	0.55	520
934187	208 274	< 0.002	< 0.2	0.72	2	110	< 0.5	< 2	1.03	< 0.5	6	122	7	2.72	10	< 1	0.30	10	0.54	505
934188	208 274	< 0.002	< 0.2	0.54	10	100	< 0.5	< 2	0.98	< 0.5	6	77	7	2.54	< 10	< 1	0.24	20	0.48	480
934189	208 274	< 0.002	< 0.2	0.50	4	80	< 0.5	< 2	1.52	< 0.5	6	74	8	2.66	10	< 1	0.22	10	0.50	610
934190	208 274	< 0.002	< 0.2	0.52	4	80	< 0.5	< 2	0.93	< 0.5	6	90	16	2.58	10	< 1	0.23	20	0.46	510
934191	208 274	< 0.002	< 0.2	0.51	8	90	< 0.5	< 2	1.13	< 0.5	6	85	8	2.46	10	< 1	0.22	20	0.47	540
934192	208 274	< 0.002	< 0.2	0.44	14	240	< 0.5	< 2	0.92	< 0.5	6	86	7	2.50	< 10	< 1	0.20	10	0.45	485
934193	208 274	< 0.002	< 0.2	0.47	4	150	< 0.5	< 2	1.27	< 0.5	7	192	8	2.62	< 10	< 1	0.20	10	0.49	555
934194	208 274	< 0.002	< 0.2	0.51	8	70	< 0.5	< 2	1.70	< 0.5	6	107	8	2.63	< 10	< 1	0.22	< 10	0.56	590
934195	208 274	< 0.002	< 0.2	0.50	16	100	< 0.5	< 2	1.49	< 0.5	6	99	7	2.40	< 10	< 1	0.21	< 10	0.50	505
934196	208 274	< 0.002	< 0.2	0.39	8	100	< 0.5	< 2	1.24	< 0.5	6	68	7	2.62	< 10	< 1	0.16	10	0.48	510
934197	208 274	< 0.002	< 0.2	0.52	< 2	80	< 0.5	< 2	1.25	< 0.5	6	91	8	2.49	10	< 1	0.22	10	0.44	510
934198	208 274	< 0.002	< 0.2	0.49	< 2	80	< 0.5	< 2	1.52	< 0.5	7	75	7	2.48	< 10	< 1	0.19	< 10	0.48	530
934199	208 274	< 0.002	< 0.2	0.54	4	80	< 0.5	< 2	1.31	< 0.5	6	99	7	2.42	< 10	< 1	0.22	< 10	0.44	530
934200	208 274	< 0.002	< 0.2	0.53	4	80	< 0.5	< 2	1.35	< 0.5	6	105	7	2.52	< 10	< 1	0.22	< 10	0.46	510
934201	208 274	< 0.002	< 0.2	0.60	2	110	< 0.5	< 2	2.03	< 0.5	6	114	8	2.67	< 10	< 1	0.25	< 10	0.53	565
934202	208 274	< 0.002	< 0.2	0.58	6	110	< 0.5	< 2	1.08	< 0.5	6	110	7	2.58	< 10	< 1	0.21	10	0.49	480
934203	208 274	< 0.002	< 0.2	0.52	22	120	< 0.5	< 2	0.97	< 0.5	6	82	7	2.57	< 10	< 1	0.22	10	0.47	475
934204	208 274	< 0.002	< 0.2	0.52	18	90	< 0.5	< 2	0.97	< 0.5	6	83	9	2.46	< 10	< 1	0.24	20	0.44	455
934205	208 274	< 0.002	< 0.2	0.50	2	90	< 0.5	< 2	1.16	< 0.5	6	90	7	2.51	10	< 1	0.22	10	0.46	470
934206	208 274	< 0.002	< 0.2	0.56	4	100	< 0.5	< 2	1.07	< 0.5	6	102	7	2.51	< 10	< 1	0.24	10	0.46	465
934207	208 274	< 0.002	0.2	0.63	8	70	< 0.5	< 2	1.48	< 0.5	6	98	7	2.48	10	< 1	0.26	20	0.49	535
934208	208 274	< 0.002	0.2	0.69	< 2	100	< 0.5	< 2	1.31	< 0.5	7	110	8	2.78	10	< 1	0.30	20	0.54	555
934209	208 274	< 0.002	0.2	0.69	4	110	< 0.5	< 2	1.28	< 0.5	7	97	8	2.61	10	< 1	0.29	20	0.51	510
934210	208 274	< 0.002	0.2	0.58	2	80	< 0.5	< 2	1.60	< 0.5	7	92	8	2.72	10	< 1	0.25	20	0.54	595
934211	208 274	< 0.002	< 0.2	0.58	4	70	< 0.5	< 2	2.00	< 0.5	7	98	7	2.73	10	< 1	0.24	10	0.61	645
934212	208 274	< 0.002	0.2	0.60	16	80	< 0.5	< 2	1.67	< 0.5	7	98	7	2.92	10	< 1	0.26	10	0.64	600
934213	208 274	< 0.002	< 0.2	0.58	8	70	< 0.5	< 2	1.31	< 0.5	6	118	7	2.78	10	< 1	0.26	20	0.56	555
934214	208 274	< 0.002	0.2	0.56	4	90	< 0.5	< 2	1.53	< 0.5	7	102	8	2.77	10	< 1	0.24	10	0.52	580
934215	208 274	< 0.002	< 0.2	0.63	< 2	70	< 0.5	< 2	1.51	< 0.5	6	121	7	2.57	10	< 1	0.29	10	0.51	575
934216	208 274	< 0.002	< 0.2	0.66	2	80	< 0.5	< 2	1.91	< 0.5	7	112	7	2.76	10	< 1	0.29	10	0.59	660
934217	208 274	< 0.002	0.2	0.68	36	60	< 0.5	< 2	0.91	< 0.5	7	109	11	2.59	10	< 1	0.30	20	0.49	410
934218	208 274	< 0.002	< 0.2	0.60	26	110	< 0.5	< 2	1.66	< 0.5	8	84	8	3.00	10	< 1	0.25	10	0.70	585
934219	208 274	< 0.002	< 0.2	0.63	4	70	< 0.5	< 2	1.73	< 0.5	7	97	8	3.03	10	< 1	0.27	10	0.72	615
934220	208 274	< 0.002	< 0.2	0.63	4	60	< 0.5	< 2	1.12	< 0.5	6	96	7	2.84	10	< 1	0.28	20	0.60	540
934221	208 274	< 0.002	< 0.2	0.64	8	90	< 0.5	< 2	1.50	< 0.5	6	80	7	2.99	10	< 1	0.28	20	0.66	610
934222	208 274	< 0.002	< 0.2	0.68	6	80	< 0.5	< 2	1.26	< 0.5	7	97	8	3.09	10	< 1	0.30	20	0.60	615
934223	208 274	< 0.002	< 0.2	0.71	< 2	70	< 0.5	< 2	1.43	< 0.5	7	96	8	3.21	10	< 1	0.31	20	0.72	645

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ghai D Ma



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934184	208 274	8	0.06	8	410	20	< 2	4	44	< 0.01	< 10	< 10	20	< 10	74
934185	208 274	39	0.04	9	360	16	< 2	3	48	< 0.01	< 10	< 10	14	< 10	72
934186	208 274	9	0.06	9	360	16	< 2	4	50	< 0.01	< 10	< 10	19	< 10	80
934187	208 274	2	0.14	8	380	16	< 2	4	63	< 0.01	< 10	< 10	20	< 10	80
934188	208 274	1	0.13	8	420	20	< 2	4	52	< 0.01	< 10	< 10	18	< 10	80
934189	208 274	2	0.13	7	400	20	< 2	4	54	< 0.01	< 10	< 10	17	< 10	78
934190	208 274	2	0.16	9	410	22	< 2	4	44	< 0.01	< 10	< 10	16	< 10	160
934191	208 274	3	0.19	9	450	16	< 2	4	48	< 0.01	< 10	< 10	17	< 10	80
934192	208 274	8	0.18	8	410	14	< 2	4	46	< 0.01	< 10	< 10	16	< 10	70
934193	208 274	3	0.22	9	430	14	< 2	4	56	< 0.01	< 10	< 10	17	< 10	74
934194	208 274	1	0.21	10	440	14	< 2	5	76	< 0.01	< 10	< 10	19	< 10	72
934195	208 274	2	0.21	8	420	14	< 2	4	64	< 0.01	< 10	< 10	17	< 10	72
934196	208 274	3	0.20	8	400	18	< 2	4	51	< 0.01	< 10	< 10	17	< 10	78
934197	208 274	1	0.22	7	370	14	< 2	4	58	< 0.01	< 10	< 10	17	< 10	74
934198	208 274	1	0.23	7	360	14	< 2	4	79	< 0.01	< 10	< 10	17	< 10	78
934199	208 274	1	0.21	8	420	12	< 2	4	61	< 0.01	< 10	< 10	16	< 10	76
934200	208 274	1	0.20	8	420	16	< 2	4	61	< 0.01	< 10	< 10	17	< 10	72
934201	208 274	2	0.22	8	430	16	< 2	5	99	< 0.01	< 10	< 10	19	< 10	76
934202	208 274	4	0.22	9	460	14	< 2	4	56	< 0.01	< 10	< 10	18	< 10	74
934203	208 274	7	0.21	9	470	14	< 2	4	48	< 0.01	< 10	< 10	18	< 10	76
934204	208 274	13	0.22	9	420	16	< 2	4	47	< 0.01	< 10	< 10	18	< 10	76
934205	208 274	4	0.22	8	410	14	< 2	4	50	< 0.01	< 10	< 10	18	< 10	72
934206	208 274	2	0.22	8	390	16	< 2	4	51	< 0.01	< 10	< 10	18	< 10	72
934207	208 274	2	0.23	8	410	18	< 2	5	62	< 0.01	< 10	< 10	21	< 10	78
934208	208 274	2	0.24	9	470	16	< 2	5	61	< 0.01	< 10	< 10	22	< 10	80
934209	208 274	1	0.25	9	460	16	< 2	5	66	< 0.01	< 10	< 10	22	< 10	78
934210	208 274	2	0.23	8	480	10	< 2	6	69	< 0.01	< 10	< 10	23	< 10	70
934211	208 274	4	0.22	8	440	10	< 2	6	70	< 0.01	< 10	< 10	26	< 10	66
934212	208 274	1	0.21	10	460	16	< 2	5	68	< 0.01	< 10	< 10	28	< 10	82
934213	208 274	1	0.21	9	470	12	< 2	5	58	< 0.01	< 10	< 10	24	< 10	62
934214	208 274	2	0.22	8	460	12	< 2	5	62	< 0.01	< 10	< 10	21	< 10	64
934215	208 274	1	0.22	7	460	10	< 2	6	59	< 0.01	< 10	< 10	22	< 10	70
934216	208 274	2	0.22	9	480	10	< 2	6	62	< 0.01	< 10	< 10	27	< 10	70
934217	208 274	7	0.22	9	480	14	< 2	4	50	< 0.01	< 10	< 10	20	< 10	84
934218	208 274	7	0.22	11	540	12	< 2	5	69	< 0.01	< 10	< 10	29	< 10	74
934219	208 274	3	0.21	10	500	12	< 2	5	67	< 0.01	< 10	< 10	26	< 10	72
934220	208 274	1	0.20	9	460	12	< 2	4	52	< 0.01	< 10	< 10	23	< 10	72
934221	208 274	1	0.20	8	430	12	< 2	6	59	< 0.01	< 10	< 10	24	< 10	82
934222	208 274	1	0.21	10	520	8	< 2	6	49	< 0.01	< 10	< 10	22	< 10	82
934223	208 274	< 1	0.19	10	530	10	< 2	7	60	< 0.01	< 10	< 10	25	< 10	84

CERTIFICATION:

Yhai D Ma



Chemex Labs Ltd.

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ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : CGP-145
Comments:

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Certificate Date: 26-AUG-93
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CERTIFICATE OF ANALYSIS

A9319365

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934224	208 274	< 0.002	0.2	0.82	< 2	80	< 0.5	< 2	3.62	< 0.5	13	94	13	4.03	10	< 1	0.32	< 10	1.60	800
934225	208 274	< 0.002	< 0.2	0.86	< 2	90	< 0.5	< 2	2.90	< 0.5	15	106	13	4.41	10	< 1	0.36	< 10	1.67	780
934226	208 274	< 0.002	< 0.2	0.78	< 2	60	< 0.5	< 2	4.81	< 0.5	13	80	12	4.03	< 10	< 1	0.32	< 10	2.09	800
934227	208 274	< 0.002	< 0.2	1.14	< 2	90	< 0.5	< 2	2.67	< 0.5	13	116	12	3.85	10	< 1	0.50	< 10	1.27	695
934228	208 274	< 0.002	< 0.2	0.84	4	80	< 0.5	< 2	3.41	< 0.5	14	67	13	4.29	10	< 1	0.33	< 10	1.73	860
934229	208 274	< 0.002	< 0.2	0.70	< 2	80	< 0.5	< 2	2.75	< 0.5	12	58	13	3.63	< 10	< 1	0.28	< 10	1.37	690
934230	208 274	< 0.002	< 0.2	0.89	6	80	< 0.5	< 2	2.92	< 0.5	15	75	15	4.39	< 10	< 1	0.32	< 10	1.60	775
934231	208 274	< 0.002	< 0.2	0.91	4	70	< 0.5	< 2	2.86	< 0.5	13	108	12	4.10	< 10	< 1	0.38	< 10	1.33	730
934232	208 274	< 0.002	< 0.2	0.96	4	90	< 0.5	< 2	2.66	< 0.5	12	93	14	4.04	< 10	< 1	0.36	< 10	1.20	775

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TO: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9319365

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934224	208	274	< 1	0.21	15	890	8	< 2	9	165	< 0.01	< 10	< 10	49	< 10	78
934225	208	274	< 1	0.22	20	1100	6	< 2	10	100	< 0.01	< 10	< 10	59	< 10	90
934226	208	274	< 1	0.22	16	1190	6	< 2	10	217	< 0.01	< 10	< 10	53	< 10	76
934227	208	274	< 1	0.21	16	1180	6	2	9	84	< 0.01	< 10	< 10	53	< 10	82
934228	208	274	< 1	0.23	18	1140	10	< 2	10	115	< 0.01	< 10	< 10	63	< 10	84
934229	208	274	< 1	0.22	14	1030	6	< 2	9	109	< 0.01	< 10	< 10	45	< 10	80
934230	208	274	< 1	0.26	17	1240	6	< 2	10	106	< 0.01	< 10	< 10	56	< 10	84
934231	208	274	< 1	0.24	15	900	6	2	9	91	< 0.01	< 10	< 10	44	< 10	82
934232	208	274	1	0.28	13	1010	4	< 2	9	90	< 0.01	< 10	< 10	41	< 10	70

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to: ARCHER CATHRO & ASSOC. (1981) LTD.

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Project: CGP
Comments:

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CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934233	208 274	< 0.002	< 0.2	0.35	16	80	1.0	< 2	1.08	< 0.5	6	45	11	2.38	< 10	< 1	0.17	< 10	0.52	425
934234	208 274	< 0.002	< 0.2	0.40	6	70	1.0	< 2	0.95	< 0.5	4	45	10	2.45	< 10	< 1	0.18	10	0.45	460
934235	208 274	< 0.002	0.2	0.38	8	60	1.5	< 2	1.05	< 0.5	6	30	10	2.42	< 10	< 1	0.17	10	0.43	470
934236	208 274	< 0.002	< 0.2	0.45	14	60	1.5	< 2	0.94	< 0.5	4	59	11	2.42	< 10	< 1	0.20	10	0.40	445
934237	208 274	< 0.002	< 0.2	0.66	20	90	1.5	< 2	0.80	< 0.5	5	81	10	2.26	< 10	< 1	0.31	< 10	0.33	405
934238	208 274	< 0.002	< 0.2	0.35	12	60	1.5	< 2	0.67	< 0.5	4	36	9	2.10	< 10	< 1	0.16	< 10	0.30	335
934239	208 274	< 0.002	< 0.2	0.62	12	50	1.5	< 2	0.79	< 0.5	6	66	9	2.32	< 10	< 1	0.29	10	0.33	415
934240	208 274	< 0.002	< 0.2	0.30	62	80	2.5	< 2	0.20	< 0.5	< 1	33	6	1.24	10	< 1	0.34	40	0.08	55
934241	208 274	< 0.002	0.2	0.64	70	80	3.0	< 2	0.40	< 0.5	< 1	55	4	1.46	10	< 1	0.50	60	0.10	75
934242	208 274	< 0.002	0.2	0.35	4	70	3.0	< 2	0.97	< 0.5	< 1	32	4	1.31	10	< 1	0.37	50	0.14	140
934243	208 274	< 0.002	< 0.2	0.76	< 2	160	3.0	< 2	3.24	< 0.5	14	95	23	3.78	10	< 1	0.40	20	0.79	680
934244	208 274	< 0.002	< 0.2	0.67	6	130	3.0	< 2	3.68	< 0.5	17	96	17	4.96	10	< 1	0.29	20	1.24	890
934245	208 274	< 0.002	< 0.2	0.94	14	190	4.0	< 2	2.88	< 0.5	10	97	12	3.67	10	< 1	0.42	30	1.12	610
934246	208 274	< 0.002	< 0.2	0.47	14	60	3.0	< 2	1.61	< 0.5	10	83	15	3.02	< 10	< 1	0.21	10	0.67	525
934247	208 274	< 0.002	< 0.2	0.68	6	90	3.0	< 2	2.34	< 0.5	8	86	12	3.09	< 10	< 1	0.32	10	0.71	660
934248	208 274	< 0.002	0.2	0.70	16	80	3.0	< 2	1.83	< 0.5	12	89	12	3.89	< 10	< 1	0.32	10	0.81	645
934249	208 274	< 0.002	< 0.2	0.61	14	120	4.5	< 2	3.06	< 0.5	16	68	15	4.83	< 10	< 1	0.27	10	1.12	955
934250	208 274	< 0.002	0.2	0.85	12	80	4.5	< 2	1.93	< 0.5	13	88	15	3.67	< 10	< 1	0.40	10	0.77	685
934251	208 274	< 0.002	< 0.2	0.22	10	60	1.5	4	1.64	< 0.5	1	86	13	1.26	< 10	< 1	0.14	10	0.43	340
934252	208 274	< 0.002	0.2	0.48	14	60	1.5	< 2	0.66	< 0.5	< 1	130	67	0.94	10	< 1	0.30	30	0.15	170
934253	208 274	< 0.002	< 0.2	0.20	6	40	1.5	< 2	0.59	< 0.5	< 1	75	10	1.17	< 10	< 1	0.14	20	0.18	230
934254	208 274	< 0.002	0.2	0.70	14	80	4.0	< 2	1.74	< 0.5	11	70	16	3.01	< 10	< 1	0.34	< 10	0.63	565
934255	208 274	< 0.002	< 0.2	0.43	6	60	3.5	< 2	2.63	< 0.5	10	80	14	3.54	< 10	< 1	0.20	< 10	0.88	705
934256	208 274	< 0.002	< 0.2	0.69	8	50	3.5	< 2	1.40	< 0.5	6	95	14	2.37	10	< 1	0.32	20	0.56	450
934257	208 274	< 0.002	< 0.2	0.66	10	90	5.0	< 2	3.27	< 0.5	19	64	20	5.26	< 10	< 1	0.26	10	1.23	1065
934258	208 274	< 0.002	< 0.2	0.85	14	80	5.5	< 2	1.40	< 0.5	8	71	10	2.98	10	< 1	0.40	20	0.63	530
934259	208 274	< 0.002	< 0.2	0.35	8	30	3.0	< 2	1.79	< 0.5	8	82	12	3.35	< 10	< 1	0.18	10	0.65	645
934260	208 274	< 0.002	0.2	0.49	6	40	3.0	< 2	1.62	< 0.5	3	84	7	1.82	< 10	< 1	0.28	20	0.38	415
934261	208 274	< 0.002	< 0.2	0.28	< 2	40	3.5	< 2	1.64	< 0.5	8	53	11	3.23	< 10	< 1	0.15	10	0.69	575
934262	208 274	< 0.002	< 0.2	0.57	6	60	3.0	< 2	1.71	< 0.5	9	99	13	3.09	< 10	< 1	0.28	10	0.73	560
934263	208 274	< 0.002	< 0.2	0.35	< 2	40	3.0	< 2	1.92	< 0.5	8	80	9	3.03	< 10	< 1	0.17	10	0.87	535
934264	208 274	< 0.002	< 0.2	0.61	8	60	3.5	< 2	1.31	< 0.5	6	110	8	2.77	< 10	< 1	0.29	10	0.62	490
934265	208 274	< 0.002	0.2	0.66	< 2	70	4.5	< 2	5.07	0.5	25	101	18	6.90	10	< 1	0.24	20	2.03	1100
934266	208 274	< 0.002	< 0.2	0.52	4	40	3.5	< 2	2.40	< 0.5	10	75	13	3.55	< 10	< 1	0.27	10	0.77	695
934267	208 274	< 0.002	0.2	0.24	2	30	1.5	< 2	0.68	< 0.5	2	70	9	1.87	10	< 1	0.19	40	0.24	310
934268	208 274	< 0.002	0.2	0.43	6	60	2.0	4	0.55	< 0.5	1	79	6	1.57	10	< 1	0.34	40	0.13	250
934269	208 274	< 0.002	0.4	0.34	8	110	3.0	< 2	0.87	< 0.5	5	60	8	2.19	10	< 1	0.24	30	0.22	530
934270	208 274	< 0.002	0.4	0.56	2	60	2.0	2	0.50	< 0.5	< 1	84	8	0.74	10	< 1	0.42	60	0.06	170
934271	208 274	< 0.002	0.4	0.35	< 2	90	2.0	< 2	0.33	< 0.5	1	72	4	0.70	10	< 1	0.30	50	0.06	150
934272	208 274	< 0.002	0.4	0.49	6	70	2.0	< 2	0.75	< 0.5	2	102	5	1.36	10	< 1	0.31	50	0.09	305

CERTIFICATION:

Barth Buchler



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to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP
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Account : F

CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934233	208 274	< 1	0.20	9	270	16	4	3	39	< 0.01	< 10	< 10	19	< 10	82
934234	208 274	< 1	0.22	8	310	22	2	3	37	< 0.01	< 10	< 10	17	< 10	82
934235	208 274	< 1	0.22	7	350	24	2	3	40	< 0.01	< 10	< 10	16	< 10	76
934236	208 274	1	0.22	8	330	24	< 2	3	41	< 0.01	< 10	< 10	16	< 10	78
934237	208 274	1	0.21	9	300	28	2	3	40	< 0.01	< 10	< 10	14	< 10	76
934238	208 274	1	0.20	8	310	22	4	3	35	< 0.01	< 10	< 10	10	< 10	74
934239	208 274	6	0.22	9	290	22	2	3	38	< 0.01	< 10	< 10	14	< 10	80
934240	208 274	< 1	0.03	< 1	50	34	2	< 1	20	< 0.01	< 10	< 10	< 1	< 10	38
934241	208 274	2	0.04	3	60	44	< 2	1	34	< 0.01	< 10	< 10	< 1	< 10	36
934242	208 274	< 1	0.04	2	60	20	< 2	1	53	< 0.01	< 10	< 10	< 1	< 10	30
934243	208 274	< 1	0.07	22	930	30	2	7	131	< 0.01	< 10	< 10	38	10	84
934244	208 274	< 1	0.07	24	1710	8	6	8	139	< 0.01	< 10	< 10	56	20	104
934245	208 274	1	0.07	16	960	22	2	6	125	< 0.01	< 10	< 10	39	10	88
934246	208 274	3	0.06	12	650	34	4	3	70	< 0.01	< 10	< 10	23	< 10	98
934247	208 274	2	0.07	13	690	26	4	4	88	< 0.01	< 10	< 10	26	10	96
934248	208 274	< 1	0.07	17	960	26	2	5	73	< 0.01	< 10	< 10	35	10	92
934249	208 274	< 1	0.07	24	1130	30	4	7	112	< 0.01	< 10	< 10	45	10	106
934250	208 274	< 1	0.07	15	680	32	4	5	84	< 0.01	< 10	< 10	33	10	110
934251	208 274	< 1	0.03	5	70	42	2	1	70	< 0.01	< 10	< 10	4	< 10	68
934252	208 274	< 1	0.04	3	20	48	2	< 1	41	< 0.01	< 10	< 10	1	< 10	70
934253	208 274	< 1	0.03	3	40	46	< 2	< 1	32	< 0.01	< 10	< 10	2	< 10	70
934254	208 274	< 1	0.07	12	490	34	4	3	72	< 0.01	< 10	< 10	21	< 10	104
934255	208 274	3	0.06	14	600	32	2	4	96	< 0.01	< 10	< 10	26	10	100
934256	208 274	2	0.06	9	390	40	2	3	63	< 0.01	< 10	< 10	15	< 10	96
934257	208 274	1	0.06	17	2210	14	4	9	96	< 0.01	< 10	< 10	74	10	104
934258	208 274	2	0.06	11	530	36	2	3	61	< 0.01	< 10	< 10	16	< 10	110
934259	208 274	1	0.04	11	650	20	4	3	57	< 0.01	< 10	< 10	20	< 10	98
934260	208 274	3	0.06	7	170	36	2	2	55	< 0.01	< 10	< 10	9	< 10	72
934261	208 274	2	0.04	12	610	30	2	3	52	< 0.01	< 10	< 10	20	< 10	100
934262	208 274	4	0.07	13	310	36	4	3	58	< 0.01	< 10	< 10	26	< 10	82
934263	208 274	3	0.06	10	600	24	2	3	81	< 0.01	< 10	< 10	20	10	102
934264	208 274	3	0.07	12	420	26	4	3	56	< 0.01	< 10	< 10	22	< 10	76
934265	208 274	< 1	0.08	31	2760	14	2	14	141	< 0.01	< 10	< 10	98	20	106
934266	208 274	1	0.07	13	660	24	< 2	5	76	< 0.01	< 10	< 10	27	< 10	102
934267	208 274	< 1	0.04	4	110	34	< 2	2	30	< 0.01	< 10	< 10	4	< 10	100
934268	208 274	1	0.05	2	70	40	< 2	2	28	< 0.01	< 10	< 10	1	< 10	70
934269	208 274	2	0.07	6	580	38	< 2	2	41	< 0.01	< 10	< 10	9	< 10	92
934270	208 274	2	0.04	2	20	62	< 2	< 1	32	< 0.01	< 10	< 10	< 1	< 10	76
934271	208 274	2	0.06	1	10	48	< 2	< 1	25	< 0.01	< 10	< 10	1	< 10	70
934272	208 274	8	0.06	4	120	50	< 2	1	42	< 0.01	< 10	< 10	3	< 10	80

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

o: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934273	208 274	< 0.002	0.4	0.39	4	60	1.0	2	0.39	< 0.5	< 1	83	2	0.69	10	< 1	0.29	50	0.04	145
934274	208 274	< 0.002	0.4	0.29	2	70	2.0	< 2	0.30	< 0.5	< 1	55	6	0.69	10	< 1	0.24	60	0.04	155
934275	208 274	< 0.002	0.4	0.52	4	50	1.5	4	0.88	< 0.5	< 1	77	4	0.84	10	< 1	0.36	60	0.04	210
934276	208 274	< 0.002	0.4	0.25	< 2	60	1.0	4	0.42	< 0.5	< 1	45	3	0.79	10	< 1	0.20	50	0.04	150
934277	208 274	< 0.002	0.4	0.55	< 2	90	1.5	2	1.41	< 0.5	2	49	13	1.45	20	< 1	0.32	70	0.43	250
934278	208 274	< 0.002	< 0.2	0.27	< 2	60	1.5	< 2	1.28	< 0.5	< 1	56	3	0.66	10	< 1	0.23	40	0.06	145
934279	208 274	< 0.002	0.2	0.62	< 2	130	2.5	< 2	1.57	< 0.5	2	58	6	1.23	10	< 1	0.41	60	0.12	205
934280	208 274	< 0.002	< 0.2	0.56	< 2	210	2.5	< 2	2.91	< 0.5	12	31	23	4.42	< 10	< 1	0.38	< 10	0.52	510
934281	208 274	< 0.002	< 0.2	0.79	< 2	420	1.5	< 2	3.12	< 0.5	11	44	17	4.45	< 10	< 1	0.47	10	0.45	470
934282	208 274	< 0.002	< 0.2	0.49	12	680	2.5	< 2	3.61	< 0.5	18	35	19	4.73	< 10	< 1	0.33	10	0.67	970
934283	208 274	< 0.002	< 0.2	0.81	4	930	3.5	< 2	3.18	< 0.5	11	36	20	3.26	< 10	< 1	0.48	10	0.49	610
934284	208 274	< 0.002	< 0.2	0.46	62	590	2.5	2	3.17	< 0.5	15	34	23	3.31	< 10	< 1	0.33	10	0.44	605
934285	208 274	< 0.002	< 0.2	0.70	28	1210	1.5	2	4.05	< 0.5	12	45	22	3.17	< 10	< 1	0.37	10	0.62	680
934286	208 274	< 0.002	< 0.2	0.48	4	560	1.5	< 2	3.42	< 0.5	15	38	19	3.78	< 10	< 1	0.28	10	0.54	870
934287	208 274	< 0.002	< 0.2	0.69	8	180	1.5	< 2	2.87	< 0.5	21	39	16	4.70	< 10	< 1	0.39	10	0.59	1130
934288	208 274	< 0.002	< 0.2	0.54	6	530	2.0	4	2.40	< 0.5	16	44	25	4.41	< 10	< 1	0.34	< 10	0.56	740
934289	208 274	< 0.002	0.2	0.82	4	220	2.0	2	2.43	< 0.5	13	42	21	3.82	< 10	< 1	0.41	10	0.55	705
934290	208 274	< 0.002	< 0.2	0.55	4	140	2.0	< 2	2.49	< 0.5	10	46	16	4.21	< 10	< 1	0.30	10	0.77	730
934291	208 274	< 0.002	< 0.2	0.75	< 2	120	1.5	2	4.85	< 0.5	15	84	12	3.68	< 10	< 1	0.30	10	1.81	760
934292	208 274	< 0.002	< 0.2	0.51	< 2	140	1.5	< 2	6.14	< 0.5	18	78	11	4.02	< 10	< 1	0.18	10	2.56	935
934293	208 274	< 0.002	< 0.2	0.92	4	160	1.0	< 2	3.60	< 0.5	27	99	15	6.41	10	< 1	0.30	20	2.56	1015
934294	208 274	< 0.002	< 0.2	0.66	< 2	180	1.5	< 2	3.64	< 0.5	28	83	14	6.18	10	< 1	0.25	20	2.59	1090
934295	208 274	< 0.002	< 0.2	1.06	4	210	2.0	< 2	3.22	< 0.5	29	88	16	6.49	10	< 1	0.44	20	2.34	955
934296	208 274	< 0.002	< 0.2	0.60	4	200	1.5	< 2	3.93	< 0.5	30	67	21	6.47	10	< 1	0.27	10	1.89	1185
934297	208 274	< 0.002	< 0.2	0.89	< 2	200	3.0	< 2	3.39	0.5	21	56	17	4.67	10	< 1	0.45	10	1.32	1030
934298	208 274	< 0.002	< 0.2	0.42	< 2	170	3.0	< 2	2.39	< 0.5	14	32	11	3.34	< 10	< 1	0.26	20	0.75	1010
934299	208 274	< 0.002	< 0.2	0.61	44	200	2.0	< 2	0.80	< 0.5	14	51	26	2.86	< 10	< 1	0.36	10	0.44	595
934300	208 274	< 0.002	< 0.2	0.47	4	140	0.5	< 2	1.73	< 0.5	6	63	16	2.23	< 10	< 1	0.16	10	0.51	425
934301	208 274	< 0.002	< 0.2	0.60	< 2	90	1.0	< 2	1.34	< 0.5	4	61	11	2.65	< 10	< 1	0.32	< 10	0.48	530
934302	208 274	< 0.002	< 0.2	0.43	< 2	80	1.5	< 2	1.61	< 0.5	10	45	14	3.46	< 10	< 1	0.20	< 10	0.58	610
934303	208 274	< 0.002	< 0.2	0.69	2	80	1.0	< 2	1.30	< 0.5	5	56	10	2.55	< 10	< 1	0.35	< 10	0.46	545
934304	208 274	< 0.002	< 0.2	0.41	< 2	70	1.0	2	1.23	< 0.5	6	34	7	2.60	< 10	< 1	0.22	< 10	0.44	550
934305	208 274	< 0.002	< 0.2	0.66	4	80	1.0	< 2	1.37	< 0.5	4	53	9	2.47	< 10	< 1	0.34	< 10	0.46	550
934306	208 274	< 0.002	< 0.2	0.44	< 2	80	1.5	< 2	1.34	< 0.5	4	41	10	2.58	< 10	< 1	0.22	< 10	0.46	550
934307	208 274	< 0.002	< 0.2	0.60	2	80	1.0	< 2	1.28	< 0.5	5	63	13	2.47	< 10	< 1	0.31	< 10	0.42	505
934308	208 274	< 0.002	< 0.2	0.41	6	70	1.0	4	1.99	< 0.5	6	45	11	2.84	< 10	< 1	0.21	< 10	0.46	585
934309	208 274	< 0.002	< 0.2	0.65	2	100	1.0	< 2	1.13	< 0.5	5	62	9	2.34	< 10	< 1	0.33	< 10	0.34	475
934310	208 274	< 0.002	< 0.2	0.43	2	80	1.0	< 2	1.10	< 0.5	3	52	7	2.37	< 10	< 1	0.23	< 10	0.32	520
934311	208 274	< 0.002	< 0.2	0.61	< 2	80	1.0	< 2	0.97	< 0.5	3	63	6	2.26	< 10	< 1	0.32	< 10	0.30	510
934312	208 274	< 0.002	< 0.2	0.37	< 2	70	1.0	< 2	1.02	< 0.5	4	56	11	2.27	< 10	< 1	0.20	< 10	0.27	490

CERTIFICATION:

Went Buehler



Chemex Labs Ltd.

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to: ARCHER CATHRO & ASSOC. (1981) LTD.

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WHITEHORSE, YT
Y1A 3S9

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CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934273	208 274	2	0.04	2	10	44	< 2	< 1	26	< 0.01	< 10	< 10	1	< 10	54
934274	208 274	7	0.04	1	< 10	78	< 2	< 1	25	< 0.01	< 10	< 10	< 1	< 10	86
934275	208 274	6	0.06	2	< 10	52	< 2	1	45	< 0.01	< 10	< 10	< 1	< 10	84
934276	208 274	4	0.06	2	10	52	< 2	< 1	32	< 0.01	< 10	< 10	< 1	< 10	68
934277	208 274	4	0.08	4	120	42	< 2	2	95	< 0.01	< 10	< 10	6	< 10	38
934278	208 274	6	0.07	2	20	52	< 2	< 1	84	< 0.01	< 10	< 10	1	< 10	50
934279	208 274	4	0.08	1	100	46	< 2	1	111	< 0.01	< 10	< 10	4	< 10	74
934280	208 274	< 1	0.12	10	1780	8	4	7	148	< 0.01	< 10	< 10	50	< 10	70
934281	208 274	< 1	0.11	8	1990	6	< 2	7	141	< 0.01	< 10	< 10	80	< 10	64
934282	208 274	< 1	0.11	13	1780	14	2	8	184	< 0.01	< 10	< 10	58	10	76
934283	208 274	< 1	0.12	7	1610	10	< 2	7	159	< 0.01	< 10	< 10	50	< 10	62
934284	208 274	4	0.12	10	1850	12	< 2	6	162	< 0.01	< 10	< 10	50	< 10	60
934285	208 274	< 1	0.15	9	2090	12	< 2	8	247	< 0.01	< 10	< 10	66	< 10	58
934286	208 274	< 1	0.14	14	1900	10	< 2	7	182	< 0.01	< 10	< 10	60	< 10	72
934287	208 274	< 1	0.12	14	1940	10	< 2	7	144	< 0.01	< 10	< 10	60	< 10	74
934288	208 274	1	0.13	15	1430	10	2	8	131	< 0.01	< 10	< 10	54	< 10	74
934289	208 274	1	0.13	15	1570	22	< 2	6	121	< 0.01	< 10	< 10	54	< 10	70
934290	208 274	< 1	0.12	11	1540	22	< 2	4	119	< 0.01	< 10	< 10	50	< 10	82
934291	208 274	2	0.13	17	1340	16	< 2	5	197	< 0.01	< 10	< 10	58	10	76
934292	208 274	< 1	0.13	17	1440	8	< 2	6	268	< 0.01	< 10	< 10	69	10	76
934293	208 274	< 1	0.17	28	2230	8	2	10	193	< 0.01	< 10	< 10	89	10	90
934294	208 274	< 1	0.15	30	2160	14	< 2	12	219	< 0.01	< 10	< 10	74	20	90
934295	208 274	< 1	0.17	31	2320	8	2	13	199	< 0.01	< 10	< 10	76	10	98
934296	208 274	< 1	0.16	34	2160	4	< 2	11	229	< 0.01	< 10	< 10	74	10	102
934297	208 274	< 1	0.16	28	1470	30	< 2	7	177	< 0.01	< 10	< 10	45	< 10	104
934298	208 274	< 1	0.16	19	890	42	< 2	4	123	< 0.01	< 10	< 10	24	< 10	78
934299	208 274	2	0.13	51	680	36	< 2	3	50	< 0.01	< 10	< 10	17	< 10	130
934300	208 274	2	0.03	11	290	24	< 2	3	46	< 0.01	< 10	< 10	18	< 10	64
934301	208 274	2	0.06	6	260	28	< 2	3	41	< 0.01	< 10	< 10	14	< 10	86
934302	208 274	2	0.04	16	660	28	< 2	4	51	< 0.01	< 10	< 10	27	< 10	112
934303	208 274	4	0.07	6	220	26	< 2	2	47	< 0.01	< 10	< 10	12	< 10	98
934304	208 274	3	0.06	8	230	22	2	2	46	< 0.01	< 10	< 10	11	< 10	86
934305	208 274	3	0.09	7	190	34	< 2	2	50	< 0.01	< 10	< 10	11	< 10	98
934306	208 274	3	0.09	7	180	32	< 2	2	52	< 0.01	< 10	< 10	11	< 10	96
934307	208 274	2	0.11	7	190	26	< 2	2	43	< 0.01	< 10	< 10	12	< 10	92
934308	208 274	2	0.12	10	450	30	< 2	3	57	< 0.01	< 10	< 10	18	< 10	96
934309	208 274	3	0.13	7	210	28	2	2	46	< 0.01	< 10	< 10	12	< 10	88
934310	208 274	3	0.12	6	150	30	< 2	2	44	< 0.01	< 10	< 10	10	< 10	90
934311	208 274	3	0.12	6	170	32	< 2	2	41	< 0.01	< 10	< 10	10	< 10	82
934312	208 274	2	0.11	6	160	32	< 2	1	42	< 0.01	< 10	< 10	8	< 10	92

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
934313	208 274	< 0.002	< 0.2	0.64	6	80	1.0	< 2	1.10	< 0.5	3	87	11	2.39	< 10	< 1	0.33	< 10	0.29	490
934314	208 274	< 0.002	< 0.2	0.38	< 2	70	1.0	< 2	1.10	< 0.5	4	38	8	2.25	< 10	< 1	0.21	< 10	0.26	485
934315	208 274	< 0.002	< 0.2	0.79	2	70	1.0	4	0.93	< 0.5	4	80	9	2.39	< 10	< 1	0.37	< 10	0.29	485
934316	208 274	< 0.002	< 0.2	0.43	2	50	1.0	< 2	1.24	< 0.5	5	41	6	2.55	< 10	< 1	0.22	< 10	0.28	540
934317	208 274	< 0.002	< 0.2	0.95	< 2	80	1.0	2	1.04	< 0.5	4	77	7	2.44	10	< 1	0.43	< 10	0.28	505
934318	208 274	< 0.002	< 0.2	0.48	4	80	1.0	< 2	1.19	< 0.5	4	45	10	2.33	< 10	< 1	0.24	< 10	0.28	520
934319	208 274	< 0.002	< 0.2	0.83	< 2	80	1.0	< 2	1.45	< 0.5	4	67	10	2.30	10	< 1	0.39	< 10	0.28	510
934320	208 274	< 0.002	0.2	0.56	< 2	70	1.0	< 2	1.02	0.5	4	66	8	2.29	< 10	< 1	0.29	< 10	0.26	485
934321	208 274	< 0.002	< 0.2	0.36	< 2	80	1.0	2	1.21	0.5	4	45	7	2.26	< 10	< 1	0.19	< 10	0.26	505
934322	208 274	< 0.002	< 0.2	0.36	4	60	1.0	< 2	1.22	< 0.5	5	36	11	2.75	< 10	< 1	0.19	< 10	0.30	580
934323	208 274	< 0.002	< 0.2	0.35	8	80	1.0	< 2	1.12	< 0.5	5	50	7	2.50	< 10	< 1	0.20	< 10	0.27	530
934324	208 274	< 0.002	< 0.2	0.53	6	100	1.0	< 2	0.77	< 0.5	3	69	8	2.30	< 10	< 1	0.28	< 10	0.24	450
934325	208 274	< 0.002	< 0.2	0.45	< 2	80	1.0	4	1.07	< 0.5	4	72	7	2.43	< 10	< 1	0.24	< 10	0.26	510
934326	208 274	< 0.002	< 0.2	0.33	< 2	50	1.0	2	1.15	< 0.5	4	49	13	2.27	< 10	< 1	0.19	< 10	0.25	490
934327	208 274	< 0.002	0.2	0.44	2	110	1.0	4	1.00	< 0.5	3	70	6	2.27	< 10	< 1	0.24	< 10	0.24	455
934328	208 274	< 0.002	0.2	0.43	< 2	80	1.0	4	1.01	0.5	3	65	16	2.29	< 10	< 1	0.24	< 10	0.25	495
934329	208 274	< 0.002	< 0.2	0.45	4	90	1.5	2	0.85	< 0.5	3	63	9	2.33	< 10	< 1	0.24	< 10	0.26	500
934330	208 274	< 0.002	< 0.2	0.50	2	90	1.5	2	0.87	< 0.5	3	54	9	2.24	< 10	< 1	0.25	< 10	0.25	470
934331	208 274	< 0.002	0.2	0.49	< 2	90	1.0	< 2	0.98	< 0.5	2	62	8	2.23	< 10	< 1	0.26	< 10	0.23	480
934332	208 274	< 0.002	< 0.2	0.57	4	100	1.0	< 2	0.84	< 0.5	5	82	9	2.43	< 10	< 1	0.29	< 10	0.25	515
934333	208 274	< 0.002	0.2	0.59	< 2	90	1.0	< 2	1.00	< 0.5	2	75	7	2.46	< 10	< 1	0.31	< 10	0.25	535
934334	208 274	< 0.002	0.2	0.35	4	90	1.0	< 2	0.96	< 0.5	4	49	8	2.34	< 10	< 1	0.20	< 10	0.24	510
934335	208 274	< 0.002	0.2	0.55	6	90	1.0	< 2	1.03	< 0.5	4	64	7	2.29	< 10	< 1	0.30	< 10	0.24	495
934336	208 274	< 0.002	< 0.2	0.36	< 2	90	1.0	< 2	1.30	< 0.5	3	46	8	2.39	< 10	< 1	0.20	< 10	0.27	540
934337	208 274	< 0.002	< 0.2	0.55	4	90	1.0	< 2	0.93	< 0.5	3	63	8	2.22	< 10	< 1	0.28	< 10	0.25	480
934338	208 274	< 0.002	0.2	0.69	< 2	100	1.5	< 2	0.84	< 0.5	5	58	7	2.39	< 10	< 1	0.34	< 10	0.26	505
934339	208 274	< 0.002	< 0.2	0.38	< 2	90	1.0	< 2	0.84	0.5	4	39	9	2.51	< 10	< 1	0.20	< 10	0.27	535
934340	208 274	< 0.002	< 0.2	0.64	4	100	1.5	4	1.01	< 0.5	4	60	10	2.41	< 10	< 1	0.32	< 10	0.27	530
934341	208 274	< 0.002	< 0.2	0.65	< 2	100	1.5	< 2	0.87	< 0.5	4	60	9	2.48	< 10	< 1	0.32	< 10	0.28	525
934342	208 274	< 0.002	< 0.2	0.38	< 2	90	1.5	< 2	0.98	< 0.5	4	41	8	2.67	< 10	< 1	0.20	< 10	0.30	580
934343	208 274	< 0.002	0.2	0.61	< 2	100	1.0	< 2	0.66	0.5	4	64	11	2.38	< 10	< 1	0.32	< 10	0.26	475
934344	208 274	< 0.002	< 0.2	0.41	4	100	1.0	< 2	1.00	< 0.5	4	47	8	2.55	< 10	< 1	0.23	< 10	0.28	555
934345	208 274	< 0.002	< 0.2	0.58	2	110	1.0	< 2	0.77	< 0.5	3	56	8	2.44	< 10	< 1	0.31	10	0.28	510
934346	208 274	< 0.002	< 0.2	0.56	< 2	100	1.0	< 2	1.32	< 0.5	3	62	10	2.35	10	< 1	0.28	20	0.29	545
934347	208 274	< 0.002	0.2	0.62	< 2	100	1.0	2	1.09	< 0.5	3	79	7	2.46	10	< 1	0.32	40	0.29	520
934348	208 274	< 0.002	0.2	0.50	4	90	1.5	< 2	1.12	< 0.5	8	78	8	2.72	10	< 1	0.24	40	0.34	515
934349	208 274	< 0.002	0.4	0.53	< 2	100	1.5	< 2	1.05	< 0.5	8	53	11	2.77	< 10	< 1	0.25	10	0.41	505
934350	208 274	< 0.002	< 0.2	0.45	< 2	90	1.5	< 2	1.86	< 0.5	6	44	9	2.53	< 10	< 1	0.24	< 10	0.42	575
934351	208 274	< 0.002	< 0.2	0.57	2	100	1.5	< 2	1.21	< 0.5	5	53	9	2.51	< 10	< 1	0.29	< 10	0.39	525
934352	208 274	< 0.002	< 0.2	0.57	4	100	1.5	2	1.36	< 0.5	5	57	12	2.58	< 10	< 1	0.29	< 10	0.39	535

CERTIFICATION:

David Buckle



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

to: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: CGP
Comments:

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CERTIFICATE OF ANALYSIS

A9319859

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
934313	208 274	3	0.12	9	130	32	< 2	2	41 < 0.01	< 10	< 10	10	< 10	98	
934314	208 274	1	0.12	6	130	30	< 2	1	45 < 0.01	< 10	< 10	7	< 10	94	
934315	208 274	2	0.14	6	150	32	< 2	1	45 < 0.01	< 10	< 10	9	< 10	96	
934316	208 274	2	0.15	8	230	28	< 2	2	43 < 0.01	< 10	< 10	11	< 10	102	
934317	208 274	2	0.15	6	150	30	< 2	2	43 < 0.01	< 10	< 10	11	< 10	94	
934318	208 274	3	0.15	6	150	34	< 2	1	44 < 0.01	< 10	< 10	9	< 10	96	
934319	208 274	2	0.16	6	160	34	< 2	2	45 < 0.01	< 10	< 10	10	< 10	96	
934320	208 274	3	0.17	7	160	26	< 2	1	42 < 0.01	< 10	< 10	9	10	88	
934321	208 274	2	0.15	5	150	22	< 2	1	45 < 0.01	< 10	< 10	9	10	86	
934322	208 274	3	0.18	7	290	28	< 2	2	44 < 0.01	< 10	< 10	12	10	104	
934323	208 274	2	0.17	7	160	34	< 2	1	41 < 0.01	< 10	< 10	9	10	94	
934324	208 274	3	0.18	7	160	20	< 2	1	36 < 0.01	< 10	< 10	8	< 10	92	
934325	208 274	7	0.18	6	140	28	< 2	1	44 < 0.01	< 10	< 10	10	10	86	
934326	208 274	7	0.16	5	150	32	< 2	1	41 < 0.01	< 10	< 10	8	< 10	98	
934327	208 274	4	0.17	7	180	30	< 2	1	37 < 0.01	< 10	< 10	9	< 10	82	
934328	208 274	4	0.17	5	150	26	< 2	1	41 < 0.01	< 10	< 10	8	< 10	96	
934329	208 274	3	0.19	7	140	24	< 2	1	44 < 0.01	< 10	< 10	8	< 10	88	
934330	208 274	4	0.19	6	130	24	< 2	1	43 < 0.01	< 10	< 10	7	< 10	90	
934331	208 274	3	0.17	6	120	26	< 2	1	39 < 0.01	< 10	< 10	7	< 10	86	
934332	208 274	3	0.18	7	130	24	< 2	2	38 < 0.01	< 10	< 10	8	< 10	92	
934333	208 274	3	0.18	6	150	26	< 2	2	41 < 0.01	< 10	< 10	9	< 10	88	
934334	208 274	2	0.17	6	150	28	< 2	1	38 < 0.01	< 10	< 10	7	< 10	86	
934335	208 274	2	0.18	7	150	26	< 2	1	42 < 0.01	< 10	< 10	8	< 10	84	
934336	208 274	3	0.17	6	140	28	< 2	2	46 < 0.01	< 10	< 10	8	10	90	
934337	208 274	3	0.17	6	130	30	< 2	1	42 < 0.01	< 10	< 10	8	10	86	
934338	208 274	3	0.19	6	160	26	< 2	2	41 < 0.01	< 10	< 10	9	< 10	98	
934339	208 274	3	0.17	7	180	24	< 2	2	38 < 0.01	< 10	< 10	9	< 10	98	
934340	208 274	3	0.18	6	140	30	< 2	2	41 < 0.01	< 10	< 10	10	10	96	
934341	208 274	3	0.18	6	170	26	< 2	2	39 < 0.01	< 10	< 10	11	< 10	98	
934342	208 274	4	0.16	6	160	38	< 2	2	44 < 0.01	< 10	< 10	10	< 10	88	
934343	208 274	4	0.18	7	160	28	< 2	2	38 < 0.01	< 10	< 10	10	< 10	100	
934344	208 274	4	0.17	7	160	30	< 2	2	40 < 0.01	< 10	< 10	10	10	98	
934345	208 274	12	0.17	6	170	38	< 2	2	38 < 0.01	< 10	< 10	10	< 10	94	
934346	208 274	7	0.17	6	230	36	< 2	2	46 < 0.01	< 10	< 10	10	< 10	96	
934347	208 274	4	0.18	6	270	20	< 2	2	43 < 0.01	< 10	< 10	10	10	96	
934348	208 274	117	0.19	7	360	32	< 2	2	51 < 0.01	< 10	< 10	12	< 10	84	
934349	208 274	113	0.21	11	460	28	< 2	3	57 < 0.01	< 10	< 10	14	< 10	86	
934350	208 274	3	0.18	7	270	18	< 2	3	68 < 0.01	< 10	< 10	11	< 10	82	
934351	208 274	2	0.19	6	230	16	< 2	3	52 < 0.01	< 10	< 10	11	< 10	88	
934352	208 274	4	0.19	6	250	20	< 2	3	57 < 0.01	< 10	< 10	13	10	90	

CERTIFICATION:

[Signature]



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ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
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Project : CGP
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CERTIFICATE OF ANALYSIS

A9319857

SAMPLE	PREP CODE		Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T 19980	254	202	3	< 0.2	0.99	18	630	0.5	< 2	0.96	0.5	9	28	49	2.49	10	< 1	0.09	20	0.56	335
T 19981	254	202	< 1	< 0.2	1.34	8	640	0.5	2	1.03	0.5	9	25	33	2.37	10	< 1	0.05	20	0.57	435
T 19982	254	202	66	0.2	0.83	8	560	0.5	< 2	1.13	0.5	10	20	30	2.11	< 10	< 1	0.06	20	0.45	665
T 19983	254	202	< 1	< 0.2	0.99	18	400	0.5	< 2	1.39	< 0.5	8	23	17	2.21	< 10	< 1	0.06	20	0.55	270
T 19984	254	202	3	< 0.2	1.01	18	430	0.5	< 2	0.48	< 0.5	9	25	29	2.19	< 10	< 1	0.09	20	0.47	505
T 19985	254	202	2	< 0.2	1.18	22	580	0.5	2	0.58	< 0.5	9	28	25	2.49	10	< 1	0.08	30	0.49	475
T 19986	254	202	< 1	< 0.2	1.56	14	630	0.5	4	0.32	< 0.5	9	33	16	2.49	10	< 1	0.11	20	0.49	345
T 19987	254	202	< 1	< 0.2	1.21	6	570	0.5	< 2	0.65	0.5	8	23	16	2.10	10	< 1	0.08	20	0.40	380
T 19988	254	202	3	< 0.2	1.36	16	730	0.5	< 2	1.17	< 0.5	8	30	32	2.56	10	< 1	0.10	20	0.66	390
T 19989	254	202	< 1	< 0.2	1.32	20	320	0.5	< 2	0.57	< 0.5	9	27	11	2.90	10	< 1	0.09	20	0.50	280
T 19990	254	202	< 1	< 0.2	0.98	12	300	0.5	< 2	0.30	< 0.5	6	19	11	2.03	< 10	< 1	0.07	10	0.32	180
T 19991	254	202	1	< 0.2	1.44	22	800	1.0	< 2	1.70	0.5	13	33	47	3.14	10	< 1	0.08	30	0.60	895
T 19992	254	202	1	< 0.2	1.34	16	440	0.5	< 2	0.59	0.5	11	30	9	2.77	10	< 1	0.11	20	0.47	400
T 19993	254	202	2	< 0.2	1.05	16	430	0.5	< 2	0.74	< 0.5	8	24	20	2.51	10	< 1	0.06	20	0.40	225
T 19994	254	202	2	< 0.2	1.00	6	320	0.5	< 2	0.51	0.5	7	24	11	2.09	< 10	< 1	0.07	20	0.36	285
T 19995	254	202	< 1	< 0.2	1.34	8	640	1.0	2	0.88	0.5	10	29	18	2.55	10	< 1	0.10	20	0.58	565
T 19996	254	202	1	< 0.2	1.26	6	480	0.5	< 2	0.37	< 0.5	7	24	14	2.07	< 10	< 1	0.10	20	0.47	235
T 30480	254	202	7	< 0.2	0.37	8	510	0.5	< 2	0.63	< 0.5	22	18	46	2.21	< 10	< 1	0.12	10	0.89	310
T 30481	254	202	6	< 0.2	0.38	2	400	1.0	2	0.22	< 0.5	22	7	40	1.93	< 10	< 1	0.18	10	0.33	225
T 30482	254	202	4	< 0.2	0.38	14	550	1.0	< 2	0.31	< 0.5	13	6	45	1.93	< 10	< 1	0.17	10	0.33	250
T 30483	254	202	5	< 0.2	0.62	6	540	1.0	< 2	0.16	< 0.5	17	14	41	1.92	< 10	< 1	0.21	10	0.36	255
T 30484	254	202	2	< 0.2	2.75	18	650	2.0	2	0.90	< 0.5	20	62	39	4.50	20	< 1	0.30	30	1.27	585
T 30485	254	202	6	< 0.2	2.79	16	640	2.0	2	0.76	< 0.5	19	56	33	4.28	20	< 1	0.34	30	1.17	555
T 30486	254	202	4	< 0.2	2.91	18	630	2.0	< 2	0.77	< 0.5	18	58	32	4.03	20	< 1	0.41	30	1.19	510
T 30487	254	202	2	< 0.2	2.66	28	620	1.5	2	0.84	< 0.5	17	52	29	3.92	20	< 1	0.37	30	1.17	545
T 30488	254	202	6	< 0.2	2.56	22	590	2.0	2	1.09	< 0.5	20	53	35	4.10	20	< 1	0.34	30	1.16	645
T 30489	254	202	4	< 0.2	2.19	12	590	1.5	2	1.03	< 0.5	19	50	32	3.77	10	< 1	0.27	30	1.19	560
T 30490	254	202	31	< 0.2	1.93	6	650	2.0	< 2	0.28	< 0.5	16	33	37	3.65	10	< 1	0.24	10	0.59	480
T 30491	254	202	6	< 0.2	2.78	12	610	3.5	< 2	0.31	< 0.5	11	36	57	5.59	10	< 1	0.21	< 10	0.54	1165
T 30492	254	202	< 1	< 0.2	1.78	20	650	3.5	4	0.35	< 0.5	16	42	44	4.20	10	< 1	0.23	10	0.72	1075
T 30493	254	202	6	< 0.2	2.15	22	720	2.5	2	0.36	< 0.5	17	38	47	5.65	10	< 1	0.22	20	0.66	2130
T 30494	254	202	21	< 0.2	2.30	20	900	3.0	2	0.92	< 0.5	21	50	40	4.24	10	< 1	0.27	20	1.02	740
T 30495	254	202	4	< 0.2	2.02	18	740	2.5	2	0.33	< 0.5	18	36	43	3.93	10	< 1	0.24	20	0.64	740
T 30496	254	202	20	< 0.2	2.11	20	730	2.0	2	0.35	< 0.5	18	35	42	3.77	10	< 1	0.25	40	0.64	515
T 30497	254	202	4	< 0.2	2.35	32	590	2.0	2	1.37	< 0.5	21	56	38	4.26	20	< 1	0.25	30	1.23	655
T 30498	254	202	7	< 0.2	2.46	16	590	2.0	2	1.29	0.5	21	58	43	4.47	20	< 1	0.23	30	1.24	705
T 30908	254	202	5	< 0.2	1.13	14	570	2.0	2	2.60	1.0	9	28	31	2.59	10	< 1	0.30	40	0.85	545
T 30909	254	202	3	< 0.2	1.20	16	630	2.0	2	2.73	1.0	8	28	31	2.56	10	< 1	0.31	40	0.90	535
T 30910	254	202	4	< 0.2	1.14	6	580	2.0	2	2.55	1.0	7	26	29	2.44	10	< 1	0.31	40	0.85	490
T 30911	254	202	4	< 0.2	1.12	8	540	2.0	2	2.41	0.5	8	24	30	2.33	10	< 1	0.31	30	0.85	500

CERTIFICATION:

Paul Buchler



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 19980	254 202	2	0.01	32	1150	20	2	3	56	0.02	10	< 10	33	< 10	86
T 19981	254 202	1	0.02	24	440	14	2	3	52	0.02	10	< 10	37	< 10	100
T 19982	254 202	1	0.03	22	520	26	< 2	2	46	0.01	10	< 10	27	< 10	66
T 19983	254 202	1	0.01	17	390	18	< 2	2	75	0.01	10	< 10	36	< 10	102
T 19984	254 202	1	0.03	32	370	14	< 2	4	26	0.01	10	< 10	32	< 10	58
T 19985	254 202	1	0.01	30	390	14	< 2	4	26	0.02	20	< 10	36	< 10	62
T 19986	254 202	1	0.01	22	210	12	< 2	4	20	0.04	10	< 10	49	< 10	84
T 19987	254 202	1	0.03	20	380	8	< 2	3	35	0.02	10	< 10	34	< 10	88
T 19988	254 202	1	0.01	32	540	12	< 2	4	41	0.02	10	< 10	41	< 10	92
T 19989	254 202	2	0.02	24	820	18	2	3	25	0.02	10	< 10	44	< 10	124
T 19990	254 202	1	0.02	18	380	12	< 2	1	18	0.02	< 10	< 10	35	< 10	70
T 19991	254 202	2	0.02	39	670	16	< 2	5	59	0.02	10	< 10	47	< 10	94
T 19992	254 202	1	0.01	22	370	20	< 2	3	27	0.02	10	< 10	45	< 10	124
T 19993	254 202	1	0.01	26	540	12	< 2	4	33	0.01	10	< 10	37	< 10	54
T 19994	254 202	2	0.04	17	380	8	< 2	2	24	0.02	< 10	< 10	36	< 10	88
T 19995	254 202	1	0.02	31	420	14	< 2	4	37	0.03	10	< 10	42	< 10	124
T 19996	254 202	1	0.02	22	290	6	< 2	3	22	0.02	10	< 10	33	< 10	80
T 30480	254 202	1	0.09	92	400	18	< 2	4	73	< 0.01	10	< 10	15	< 10	78
T 30481	254 202	2	0.23	58	330	26	< 2	3	79	< 0.01	< 10	< 10	4	< 10	110
T 30482	254 202	1	0.27	40	310	24	< 2	3	85	< 0.01	10	< 10	3	< 10	136
T 30483	254 202	1	0.30	45	280	32	< 2	3	77	< 0.01	10	< 10	6	< 10	128
T 30484	254 202	3	0.41	53	1010	22	< 2	9	133	< 0.01	20	< 10	38	< 10	116
T 30485	254 202	2	0.43	54	980	32	< 2	8	133	< 0.01	20	< 10	34	< 10	126
T 30486	254 202	2	0.41	52	940	26	2	8	132	< 0.01	20	< 10	36	< 10	116
T 30487	254 202	1	0.40	52	920	20	2	8	129	< 0.01	20	< 10	31	< 10	114
T 30488	254 202	2	0.39	49	1020	34	2	8	134	< 0.01	20	< 10	32	< 10	122
T 30489	254 202	1	0.35	47	910	24	< 2	8	121	< 0.01	20	< 10	27	< 10	102
T 30490	254 202	3	0.35	44	810	40	< 2	4	99	< 0.01	< 10	< 10	18	< 10	124
T 30491	254 202	5	0.28	44	1210	26	< 2	3	77	< 0.01	10	< 10	22	< 10	130
T 30492	254 202	4	0.31	52	1160	14	2	4	98	< 0.01	10	< 10	19	< 10	118
T 30493	254 202	4	0.33	54	1350	22	2	5	105	< 0.01	20	< 10	21	< 10	136
T 30494	254 202	3	0.38	56	1010	20	4	8	147	< 0.01	10	< 10	29	< 10	112
T 30495	254 202	4	0.31	56	1150	16	2	4	105	< 0.01	20	< 10	20	< 10	120
T 30496	254 202	4	0.32	52	1100	20	2	4	112	< 0.01	20	< 10	20	< 10	124
T 30497	254 202	2	0.34	50	1080	22	2	9	146	< 0.01	20	< 10	33	< 10	114
T 30498	254 202	2	0.35	54	1090	24	2	8	148	< 0.01	20	< 10	33	< 10	118
T 30908	254 202	3	0.02	28	1000	30	< 2	4	97	< 0.01	20	< 10	40	< 10	136
T 30909	254 202	3	0.02	32	1000	26	2	4	98	< 0.01	20	< 10	45	< 10	148
T 30910	254 202	3	0.02	28	930	24	2	4	92	< 0.01	20	< 10	42	< 10	140
T 30911	254 202	3	0.02	28	950	28	2	4	89	< 0.01	20	< 10	39	< 10	134

CERTIFICATION:

Handwritten signature



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o: ARCHER CATHRO & ASSOC. (1981) LTD.

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SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T 30912	254 202	5	< 0.2	1.02	2	500	2.0	< 2	2.28	0.5	10	22	37	2.42	10	< 1	0.30	30	0.87	475
T 30913	254 202	8	0.2	1.13	12	480	2.5	< 2	2.14	0.5	7	18	32	2.39	10	< 1	0.36	50	0.74	510
T 30914	254 202	5	0.2	1.06	< 2	530	1.5	< 2	2.29	1.0	8	21	33	2.42	10	< 1	0.31	40	0.86	505
T 30915	254 202	4	0.4	1.34	16	740	0.5	< 2	2.90	1.0	7	33	43	2.60	< 10	< 1	0.25	20	1.16	405
T 30916	254 202	3	0.2	1.17	2	600	1.0	< 2	3.12	1.0	8	24	39	2.41	10	< 1	0.29	30	1.10	550
T 30917	254 202	4	0.2	1.24	14	550	1.0	< 2	2.67	0.5	8	24	35	2.61	10	< 1	0.30	30	0.99	545
T 30918	254 202	< 1	0.2	1.32	6	580	1.5	< 2	2.70	1.0	8	26	33	2.78	10	< 1	0.35	40	0.98	590
T 30919	254 202	5	< 0.2	1.24	14	680	1.0	< 2	2.68	1.0	9	29	42	2.67	10	< 1	0.30	30	1.03	585
T 30920	254 202	4	0.4	0.95	8	540	1.5	< 2	2.48	0.5	6	17	44	2.19	10	< 1	0.30	30	0.78	540
T 30921	254 202	4	0.2	0.92	10	410	2.0	< 2	2.02	0.5	5	13	29	2.67	10	< 1	0.36	70	0.55	725
T 30964	254 202	3	< 0.2	1.31	12	510	< 0.5	< 2	0.37	< 0.5	8	28	36	2.60	10	< 1	0.14	20	0.49	345
T 30965	254 202	3	0.2	1.00	10	360	< 0.5	< 2	0.21	< 0.5	6	23	23	2.34	< 10	< 1	0.12	10	0.32	170
T 30966	254 202	< 1	< 0.2	1.32	12	530	< 0.5	< 2	0.31	< 0.5	8	26	21	2.25	< 10	< 1	0.09	10	0.44	285
T 30967	254 202	2	0.2	1.36	12	470	< 0.5	< 2	0.81	0.5	10	27	23	2.45	10	< 1	0.08	10	0.59	485
T 30968	254 202	4	< 0.2	1.02	16	770	< 0.5	< 2	1.40	0.5	9	25	54	2.33	< 10	< 1	0.07	10	0.63	350
T 30969	254 202	< 1	< 0.2	1.23	12	550	< 0.5	< 2	0.31	< 0.5	6	18	16	2.04	< 10	< 1	0.09	10	0.34	415
T 30970	254 202	< 1	< 0.2	1.21	6	430	< 0.5	< 2	0.51	< 0.5	6	23	18	2.05	< 10	< 1	0.08	10	0.39	295
T 30971	254 202	4	0.4	1.12	18	760	< 0.5	< 2	1.11	1.0	23	29	31	3.70	< 10	< 1	0.09	10	0.90	1185

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Chemex Labs Ltd.

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Y1A 3S9

Project: CGP
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Invoice No. : I9319857
P.O. Number :
Account : F

CERTIFICATE OF ANALYSIS

A9319857

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T 30912	254 202	3	0.03	25	920	30	2	3	91	< 0.01	< 10	< 10	35	10	130
T 30913	254 202	3	0.03	25	720	32	6	3	79	< 0.01	< 10	< 10	34	10	146
T 30914	254 202	1	0.04	28	850	38	2	3	88	< 0.01	< 10	< 10	34	10	136
T 30915	254 202	2	0.01	37	1170	22	4	4	112	0.01	< 10	< 10	55	10	162
T 30916	254 202	1	0.02	29	870	28	4	4	107	0.01	< 10	< 10	41	20	138
T 30917	254 202	1	0.02	31	920	28	4	4	97	< 0.01	< 10	< 10	43	10	144
T 30918	254 202	2	0.02	31	910	30	4	4	99	< 0.01	< 10	< 10	45	10	160
T 30919	254 202	1	0.02	39	1060	32	2	4	101	< 0.01	< 10	< 10	51	10	162
T 30920	254 202	1	0.02	24	870	42	4	3	90	< 0.01	< 10	< 10	39	< 10	130
T 30921	254 202	2	0.02	18	760	42	4	4	73	< 0.01	< 10	< 10	31	10	154
T 30964	254 202	1	0.01	37	280	14	< 2	5	32	0.02	< 10	< 10	43	< 10	92
T 30965	254 202	2	0.01	24	420	10	< 2	2	51	0.02	< 10	< 10	35	< 10	92
T 30966	254 202	1	0.02	27	200	8	< 2	4	25	0.02	< 10	< 10	40	< 10	70
T 30967	254 202	1	0.01	29	610	22	2	4	53	0.02	< 10	< 10	42	< 10	116
T 30968	254 202	1	0.01	48	1000	20	< 2	3	81	0.02	< 10	< 10	32	< 10	78
T 30969	254 202	1	0.02	17	220	16	< 2	3	23	0.02	< 10	< 10	41	< 10	98
T 30970	254 202	1	0.04	20	290	12	< 2	2	31	0.02	< 10	< 10	38	< 10	82
T 30971	254 202	8	0.01	41	1190	24	4	4	58	0.02	< 10	< 10	44	10	134

CERTIFICATION: *Henry B. B. B.*



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Total Pages: 1
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CERTIFICATE OF ANALYSIS

A9320626

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T30922	254 229	3	< 0.2	0.91	14	710	0.5	< 2	4.15	1.0	6	24	32	2.21	< 10	< 1	0.19	10	1.32	410
T30923	254 229	2	< 0.2	0.84	8	640	0.5	< 2	4.02	1.0	6	22	30	2.14	< 10	< 1	0.18	10	1.29	465
T30924	254 229	6	0.2	0.82	6	580	0.5	< 2	3.86	1.0	6	23	29	2.07	< 10	< 1	0.17	10	1.24	450
T30925	254 229	2	< 0.2	0.89	16	650	0.5	< 2	3.79	0.5	6	21	30	2.25	< 10	< 1	0.19	20	1.18	460
T30926	254 229	4	0.2	0.98	8	550	1.0	2	3.18	1.0	7	23	34	2.53	< 10	1	0.23	30	1.07	580
T30927	254 229	7	0.2	1.14	6	540	1.0	< 2	3.05	1.0	10	28	37	2.71	< 10	< 1	0.22	20	1.16	615
T30928	254 229	7	0.2	0.94	6	450	1.0	< 2	2.89	1.0	8	19	29	2.65	< 10	< 1	0.26	40	0.94	630
T30929	254 229	4	0.4	0.93	10	540	1.0	< 2	3.43	1.0	8	21	36	2.68	< 10	< 1	0.26	30	1.11	625
T30930	254 229	5	0.4	0.91	8	520	1.0	< 2	2.90	1.0	8	22	39	2.49	< 10	< 1	0.25	30	0.98	555
T30931	254 229	6	0.2	0.81	6	430	1.0	< 2	2.69	0.5	7	20	29	2.43	< 10	< 1	0.23	30	0.90	560

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CERTIFICATE OF ANALYSIS

A9320626

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T30922	254 229	1	0.01	26	970	18	< 2	3	133	< 0.01	< 10	< 10	33	< 10	128
T30923	254 229	< 1	0.01	26	940	16	< 2	3	128	< 0.01	< 10	< 10	31	< 10	126
T30924	254 229	1	0.01	25	900	20	< 2	3	123	< 0.01	< 10	< 10	30	< 10	118
T30925	254 229	1	0.02	25	900	24	< 2	3	123	< 0.01	< 10	< 10	32	< 10	128
T30926	254 229	1	0.01	29	870	32	< 2	4	107	< 0.01	< 10	< 10	33	< 10	146
T30927	254 229	2	0.01	36	970	20	2	4	108	0.01	< 10	< 10	38	< 10	160
T30928	254 229	2	0.01	25	780	28	2	4	93	< 0.01	< 10	< 10	30	< 10	146
T30929	254 229	2	0.02	25	920	36	< 2	4	113	< 0.01	< 10	< 10	33	< 10	148
T30930	254 229	2	0.02	27	890	34	< 2	3	100	< 0.01	< 10	< 10	32	< 10	138
T30931	254 229	1	0.01	25	820	28	< 2	3	93	< 0.01	< 10	< 10	28	< 10	132

CERTIFICATION: *Hart Bickler*