

093416

1995 DIAMOND DRILLING REPORT

ON THE

GREW CREEK GOLD PROJECT

Grew Creek Area

CANYON CLAIMS

Whitehorse Mining District

Yukon Territory

NTS: 105 F/15, K/2-3

Latitude 62°03' N, Longitude 132°50' W

for

YGC Resources Ltd.

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1. INTRODUCTION

The Grew Creek 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 Grew Creek Project is being explored by YGC Resources Ltd. (YGC) under the terms of an option agreement with Mr. A. Carlos. The option agreement, signed in February 1993 allows YGC to earn a 100 % interest in the property by making certain payments and incurring expenditures prior to December 1996.

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. The Main Zone at Grew Creek contains an estimated diluted mineable ore reserve of 173 000 tonnes grading 12.0 g/t gold and 32.3 g/t silver. 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 August 13 and September 17, 1995 on the Canyon claims along the Robert Campbell Highway.

2. SUMMARY

The Grew Creek 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. Rhyolite flow rocks form separate domes which outcrop along a ridge between the Lapie River and Rat Creek and northeast of the Kilometre 410 Grid. The Grew Creek rhyolite dome is flanked by felsic pyroclastic and basaltic volcanic rocks to the west. The volcanic rocks are in fault contact with Eocene sedimentary rocks.

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. The mineralization occurs in an area up to 30 metres wide by 350 metres

GREW CREEK PROJECT YGC RESOURCES LTD. PROJECT LOCATION MAP

200 km

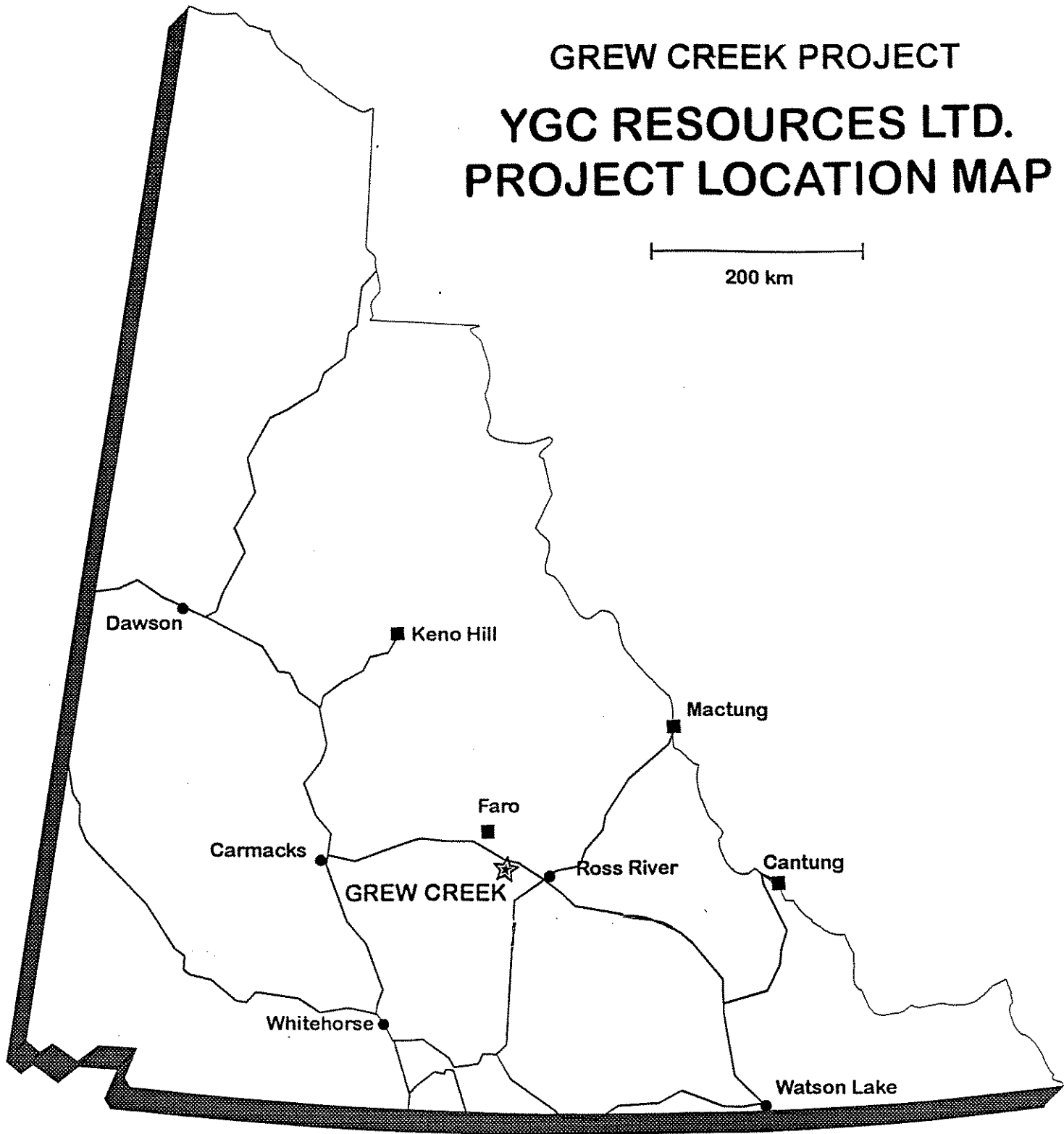


FIGURE 1

long that is hosted by altered rhyolite tuffs. Anomalous gold values have been detected at the Tarn Zone, Rat Creek, Knoll Zone and in an area near Kilometre 398 on the Robert Campbell Highway. Diamond drill targets were selected to test areas in close proximity and along interpreted trends of anomalous gold mineralization located in earlier exploration programs.

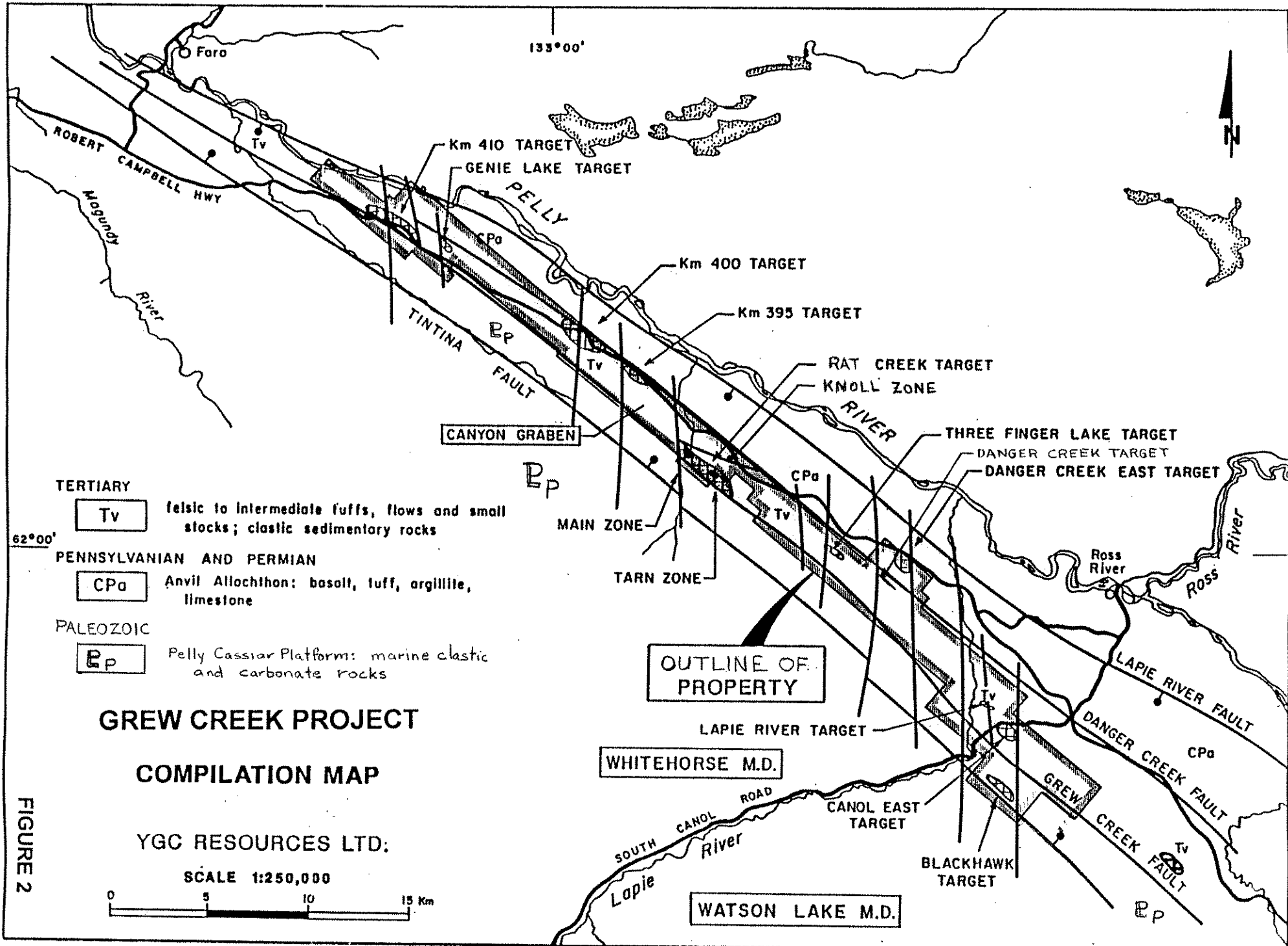
A total of 14 drill holes (1 530 metres) were completed on the Canyon claims in the program. A drill hole on the Main Zone (#181) intersected ore grade gold-silver bearing (15.0 m - 7.63 g/t gold and 8.6 g/t silver) quartz-adularia vein stockwork mineralization near the eastern end of the deposit. The drilling on the Rat Creek Grid indicated anomalous gold values up to 633 ppb in the drill holes at the Knoll Zone (#171) and in the contact area of the pyroclastic tuff and rhyolite flow dome immediately east of Rat Creek (#174).

The direct field costs of the 1995 diamond drilling program on the Canyon claims totalled \$ 181 140. This included \$ 43 340 on the three holes at the Main Zone (118 \$/m), \$ 30 330 at the Knoll Zone (two holes @ 122 \$/m), \$ 86 810 on the Rat Creek targets (seven holes @ 110 \$/m), and \$ 20 660 on the western targets at Kilometre 395 and 410 (two holes @ 137 \$/m). Variations in field costs are dependent on lengths of moves and availability of water for drilling.

3. RECOMMENDATIONS

Diamond drilling is recommended to; 1) define and fill in the eastern end and upper levels of the Main Zone, 2) test the economic potential and extent of the gold mineralization at the Knoll Zone, 3) test the alteration zone at the Kilometre 410 Grid area, and 4) evaluate the area of mafic volcanics west of Grew Creek between kilometre 383 and kilometre 388.

The cost of the recommended drilling is estimated at \$ 450 000. This is based on a proposed program of 12 holes on the Main Zone totalling 1 600 metres with additional exploration drilling of the remaining targets estimated to require 1 600 metres in 12 drill holes. The drilling costs at the Main Zone based on historical costs are estimated at \$130 per metre. Costs of the exploration drilling is estimated at \$150 per metre. Moving and road building increases the estimated costs for the exploration drilling. The estimates include direct field costs as well as analysis and reporting. The total cost for each of the Main Zone and exploration drill programs is \$208 000 and \$240 000 respectively.



4. PROJECT DEFINITION

4.1 LOCATION, ACCESS AND TOPOGRAPHY

The Grew Creek Project located in the Whitehorse Mining District forms a 42 kilometre long linear belt of claims along the Robert Campbell Highway between the South Canal Road and approximately Kilometre 404. The Main Zone is located 500 metres west of Grew Creek and two kilometres south of the highway. Various grids on the property were established in 1986 and are referred to by the approximate kilometre postage along the Robert Campbell Highway. The Yukon department of highways has recently updated the postings resulting in a reduction of 12 kilometres to the previous postings. Therefore the Kilometre 410 grid is actually located near kilometre 398 at the current highway postings and Grew Creek is located at kilometre 380. The claims are located on NTS map sheets 105 F/15, K/2&3.

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 northward 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.

The project was supervised by Robert Stroshein, P.Eng., Vice President of Exploration for YGC Resources Ltd. Core logging was carried out by Robert Stroshein and Ana Fonseca, contract geologist. Core splitting - sampling was done by Lash Ladue of the Ross River Dena.

4.3 MINERAL CLAIMS

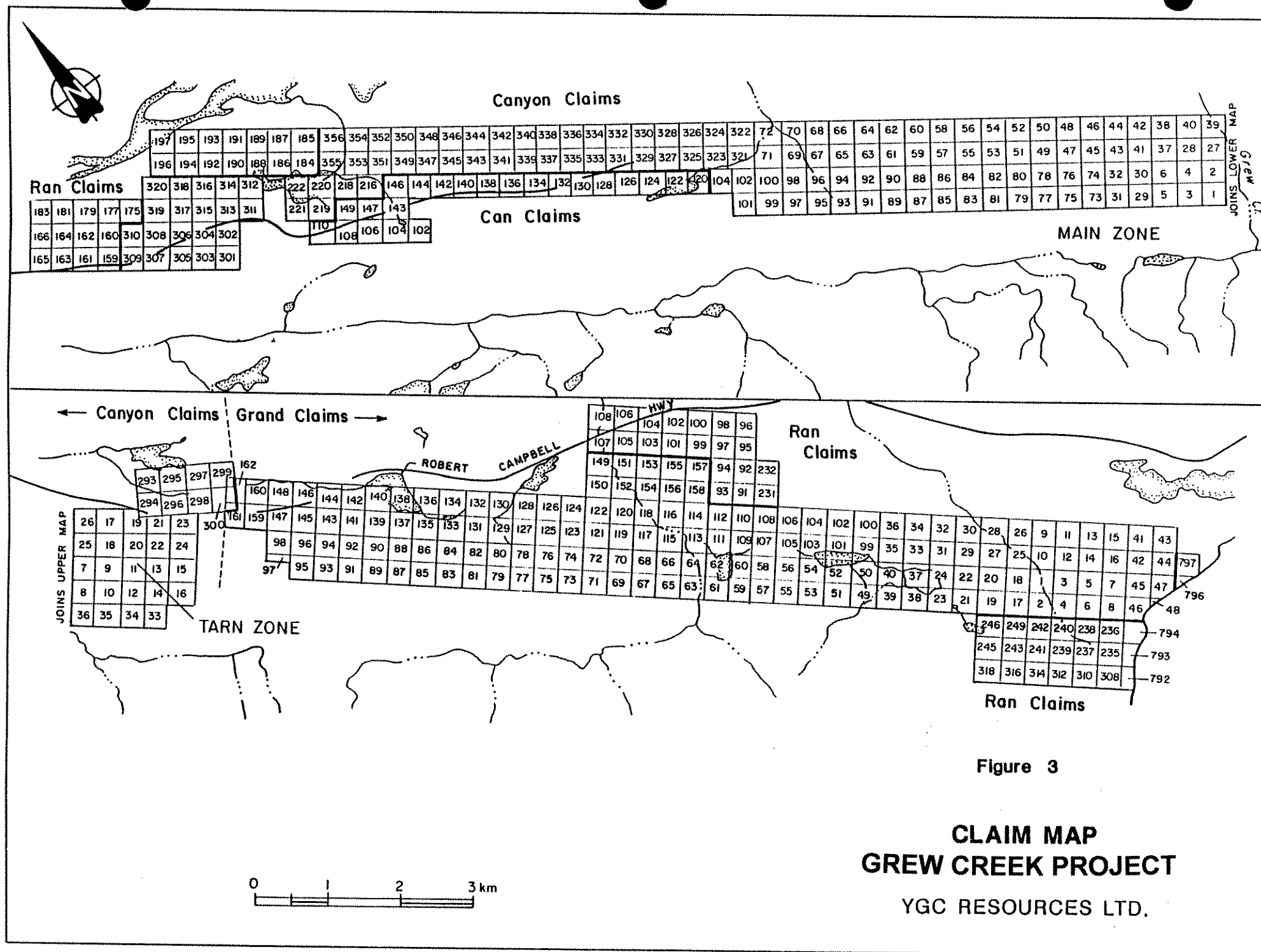
The property is composed of 425 quartz claims in the Whitehorse Mining District. Figure 3, Claim Map. See Table 1 for listing of claims in Whitehorse Mining District.

YGC Resources Ltd. has entered an option agreement to earn a 100 % interest in the property from Carlos by making scheduled payments and incurring certain expenditures by December 31, 1996.

Table I List of Claims, Whitehorse Mining District.

Claim Name		Grant Number
Canyon	321-356	YA92106-141
	312, 314, 316	YA85417, -419, -421
	318, 320	YA85423, -425
	302, 304	YA85407, -409
	305-311	YA85410-416
	219, 221, 313	YA81338, -340, -418
	315, 317, 319	YA85420, -422, -424
	216, 218	YA81335, -337
	220, 222	YA81339, -341
	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, 102, 104	YA81217, -219, -221, -223
	301, 303	YA85406, -408
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, 130	YB08001, -003, -005, -007
	132, 134, 136, 138	YB08009, -011, 013, 015
	140, 142, 144, 146	YB08017, -019, 21, -023
	102, 104, 106, 108, 110	YB07981, -983, -985, -987, -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 metre 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 one kilometre spacing along the structural trend on the Grew Creek 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. (YGC) acquired an option to earn a 100 % interest in the property in February, 1993. YGC carried out exploration drilling (17 holes, 1 960 m) and excavator trenching in 1993 on exploration targets outside of the Main Zone at Grew Creek. Drilling in 1994 consisted of 14 drill holes (1 307 m) on the Main and adjacent South Zones.

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 deposit is surrounded by a broader alteration halo and geochemically anomalous gold values.

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 Grew Creek project covers a 42 kilometre strike length of the Canyon Graben containing Eocene aged volcanic and sedimentary rocks.

The feasibility study in 1994 outlined an open pit mineable ore reserve of approximately 173,000 tonnes grading 12.0 g/t gold and 32.3 g/t silver in the Main Zone (Bergen, 1994). This is a diluted ore reserve based on a minimum two metre mining width and a 5.0 g/t gold cutoff grade. High gold assay values have been cut to 35 g/t.

6. REGIONAL GEOLOGICAL SETTING

The Grew Creek 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 kilometres, 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.

7. GEOLOGY OF THE GREW CREEK PROPERTY

The Tintina Fault system in the project area includes four major faults which have been named, from the south to north: Tintina (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 kilometres wide and includes bimodal volcanic and fluvial clastic sedimentary rocks. Paleozoic metamorphosed chert, phyllite and basalt outcrop southwest of the Grew Creek fault. 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 with the volcanics deposited in the resulting pull apart basins. Porphyritic rhyolite domes have been mapped over a three kilometre trend east of Kilometre 410 and in scattered discontinuous outcrops over 18 kilometres from Rat Creek to the Lapie River. The basalt occurs as subaqueous and subaerial flows and pyroclastic deposits interpreted as a stratovolcano. The stratovolcano 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 heterolithic and felsic pyroclastic rocks outcrop along Rat and Grew Creeks between the rhyolite flow dome and the basalt stratovolcano.

Fluvial sedimentary rocks are in fault contact or overlie the volcanic units within the Canyon Graben. The sedimentary rocks were deposited in a series of coarsening cycles ranging from pebble conglomerate to sandstone, shale, argillite, and coal beds.

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 one to three millimetres in size. Lithic clasts 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 Heterolithic Volcanic Breccia Tuff

The breccia tuff is composed of lapilli clasts of various textures and composition including pumice, andesite, and rhyolite. There are apparently large clasts of basement metamorphic rocks. The unit is not exposed in outcrop but has been intersected in drill holes between Grew and Rat Creeks. The unit may represent the proximal facies of the pyroclastic volcanic rocks.

7.1.4 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 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. Clasts 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.

7.1.5 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 three kilometres to the west and can be traced by interpreting the airborne magnetic survey to extend to the Kilometre 400 area. The volcaniclastics 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.

7.1.6 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 including the Grew 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 also be traced on the geophysical plots. In areas of limited or non-existent geological information the geophysical surveys provide useful structural information and help 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 phyllic 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 one metre. The gold-silver occurs primarily as electrum and acanthite grains which average 7.5 microns in diameter.

The Main Zone deposit is approximately 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. 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 1995 DIAMOND DRILLING PROGRAM

Diamond drilling was proposed to test exploration targets along the Tintina Fault Zone since the economics of the Grew Creek Project will be greatly enhanced with the development of additional gold bearing zones. The Main Zone mineralization has been classified as an epithermal system which is favourable for discovery of additional potential related deposits. The objective of the drilling program was to locate potential gold mineralization outside of the previously defined mineralized zones. The diamond drill holes were planned to provide geological and assay information in areas of extensive overburden cover where geological extrapolations were difficult to make.

Targets along the Tintina Fault Zone have been identified from earlier exploration programs. Gold mineralization on the Rat Creek, Kilometre 410, and Main Grew Creek

grids had been previously located through detailed ground surveys, trenching and drilling. Other 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 on the Kilometre 395 grid.

The diamond drilling was carried out under contract by E. Caron Diamond Drilling of Whitehorse, Yukon using a Val D'or hydraulic drill. The drill and equipment was moved with a D-7 caterpillar and tractor trailer, also supplied by the contractor.

The target grid areas are indicated on Figure 2, Compilation Map. The drill hole locations are reported on the separate grid maps Figures 4 - 7 inclusive. Drill sections accompany the report in Appendix 2. The drill log and assay results are presented in Appendix 3 and 4.

Table 2: Summary of Drill Hole Data

GRID	Hole No.	Coordinates	Angle	Depth/m	Claim
Knoll Zone	170	12+812E/9+720N	50° S	148.7	Canyon 15
	171	12+770E/9+680N	50° S	100.0	Canyon 15
Rat Creek	172	12+400E/9+709N	50° S	110.6	Canyon 13
	173	11+600E/9+670N	50° S	51.8	Canyon 11
	174	11+500E/9+490N	50° S	122.8	Canyon 12
	175	11+225E/9+625N	50° N	122.8	Canyon 9
	176	11+100E/9+425N	50° N	124.4	Canyon 10
	177	11+120E/9+600N	50° N	138.1	Canyon 10
Main	178	11+025E/9+600N	50° N	125.9	Canyon 10
	179	10+262E/9+949N	50° S	115.2	Canyon 2
	180	10+287E/9+953N	50° S	110.6	Canyon 2
	181	10+287E/9+977N	60° S	142.6	Canyon 2
Km 410	184	21+400E/0+230N	50° S	148.1	Canyon 11
Main West	185	32+00/11+50N	60° S	39.6	Canyon 48

8.1 SAMPLING AND ASSAYING

All drill core was logged before sampling; the descriptive logs are included in Appendix 3. Normally, all intervals of veining and hydrothermal alteration were sampled by splitting into two with one half retained for reference.

Samples were analyzed for gold and silver by Northern Analytical Laboratories Ltd. in Whitehorse. Gold determinations of core samples from the drill holes were by AA with Fire Assay finish with a 5 ppb detection limit and reported in parts per billion. High gold determinations (at the Main Zone) were by Fire Assay with a 0.002 opt detection limit and reported in ounces per ton. Silver geochemical analyses were by AA with a detection limit of 0.1 parts per million. Gold and silver results are tabled in the drill logs in Appendix 3 and the assay reports for all samples are included in Appendix 4.

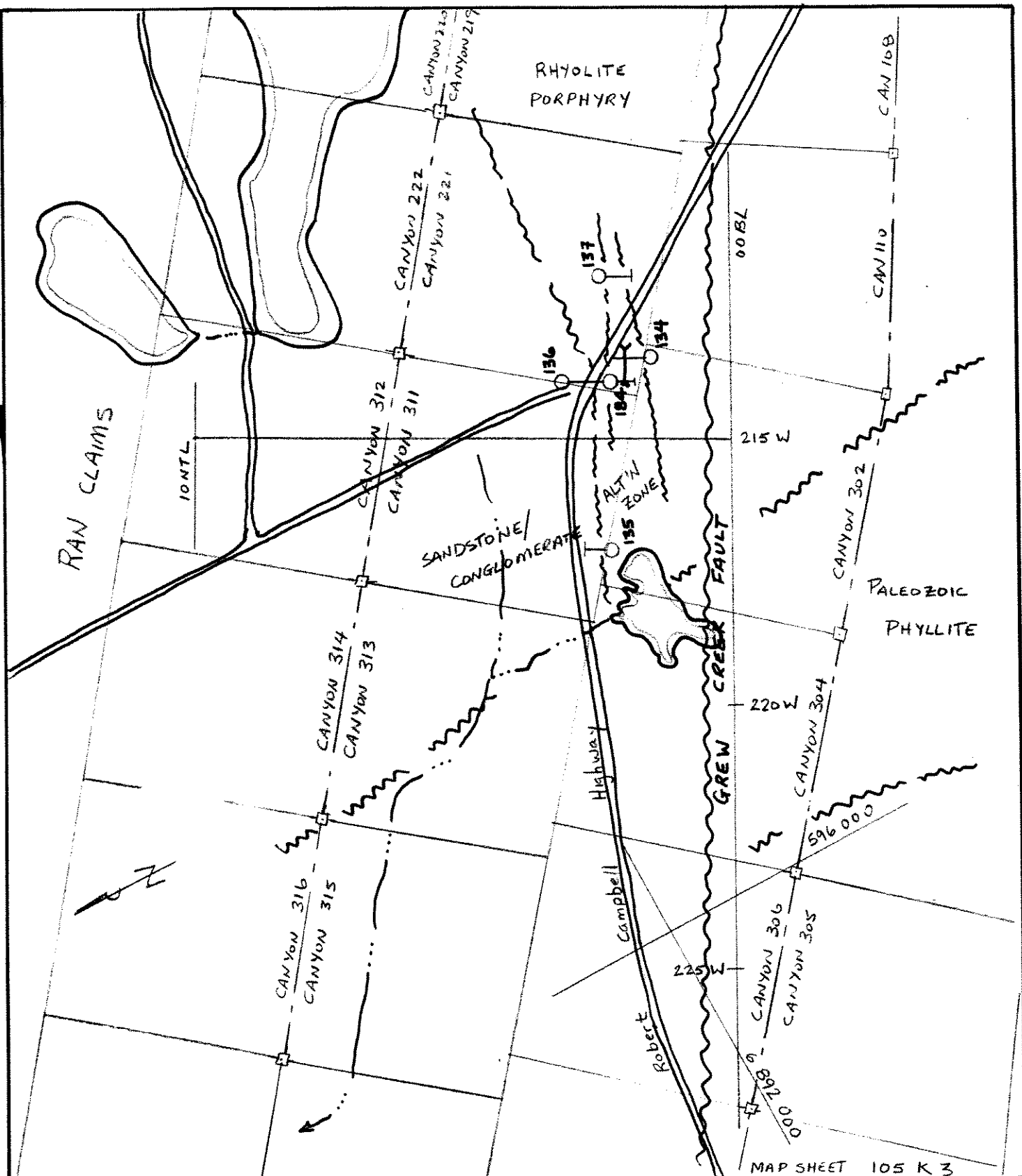
8.2 DISCUSSION OF DIAMOND DRILLING RESULTS

The following discussions summarize the results of the 1995 diamond drill program on the Canyon claims. The target areas are described systematically from the western end of the claims. Detail drill log descriptions, cross sections and assays are reported in Appendix 2, 3, and 4.

8.2.1 Kilometre 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.

Hole 184 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 (10 - 55 ppb) occur in the altered and brecciated rhyolite in nearby drill holes.



● ○ — DRILL HOLE LOCATION

GREW CREEK PROJECT

KM. 410 GRID
LOCATION PLAN

FIGURE 4

SCALE:
1 : 10 000

8.2.2 Kilometre 395 Grid. Figure 5.

West of the Grew Creek Main Grid in an extensive overburden covered area the 1987 airborne survey results indicate several resistivity lows associated with two-three line EM anomalies. The anomalies occur in an area flanking the mafic volcanic stratovolcano. Local magnetic anomalies occur as east-west trending linear responses. A geochemical survey produced irregular detectable gold in till anomalies (4-9 ppb).

Hole #185 was drilled to test a VLF-EM anomaly immediately north of an 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 at a steeper angle. Subsequent deviation within the hole caused the drill stem to cut through the casing and led to the final abandonment of the hole.

8.2.3 Main Grid. Figure 6.

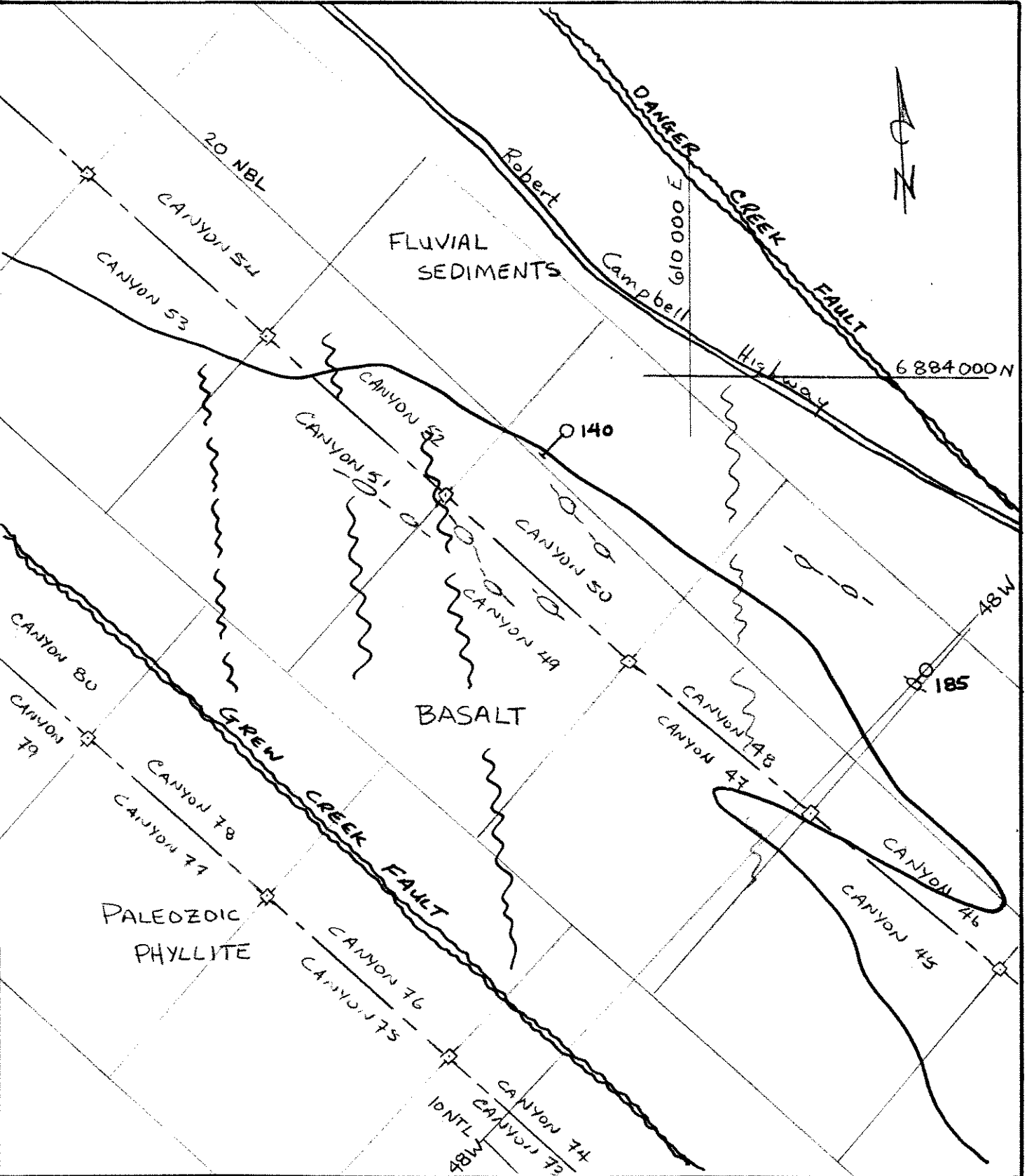
Three drill holes (#179 - #181) were drilled to test the footwall rocks at the Main Zone at levels above the 750 metre elevation. The holes intersected quartz-adularia stringer stockwork mineralization hosted by altered felsic pyroclastic tuffs.

Two of the holes (#179 and #180) intersected a broad very low grade zone in the footwall of the deposit which averaged 0.9 g/t gold and 1.8 g/t silver along 11.95 metres in hole #179 and 0.7 g/t gold and 1.1 g/t silver in hole #180. The highest gold assays in each hole were 2.2 g/t and 2.0 g/t respectively.

Hole #181 intersected the Main Zone at the 765 metre elevation which averaged 7.6 g/t gold and 8.6 g/t silver over a 9.0 metre (7.0 metres horizontal) interval. An interval of 44.7 metres (23.0 metres horizontal) including the Main Zone mineralization and a low grade footwall zone averaged 2.38 g/t gold and 2.7 g/t silver.

8.2.4 Rat Creek Grid. Figure 6 & 7.

Eight drill holes were drilled to test various geophysical or geochemical anomalies in areas flanking the rhyolite flow rocks near Rat Creek. The holes were drilled to fill in open spaces between diamond and reverse circulation drill holes which intersected anomalous gold values in earlier exploration programs. The area is overburden covered and underlain by proximal facies pyroclastic tuff.



185 O — DRILL HOLE LOCATION

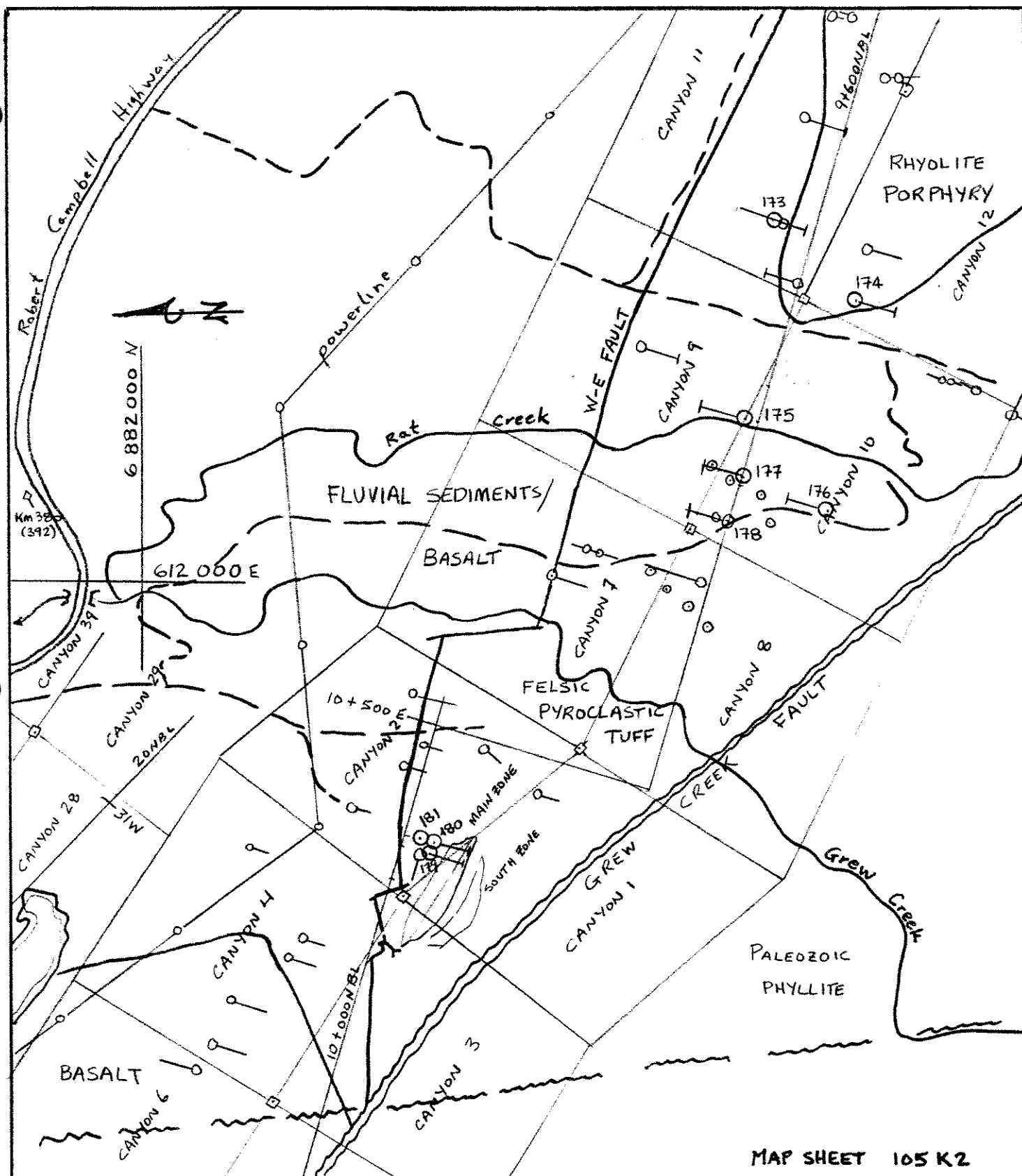
— O — VLF-EM ANOMALY

GREW CREEK PROJECT

Km. 395 GRID
LOCATION PLAN

FIGURE 5

SCALE:
1 : 10 000



MAP SHEET 105 K2

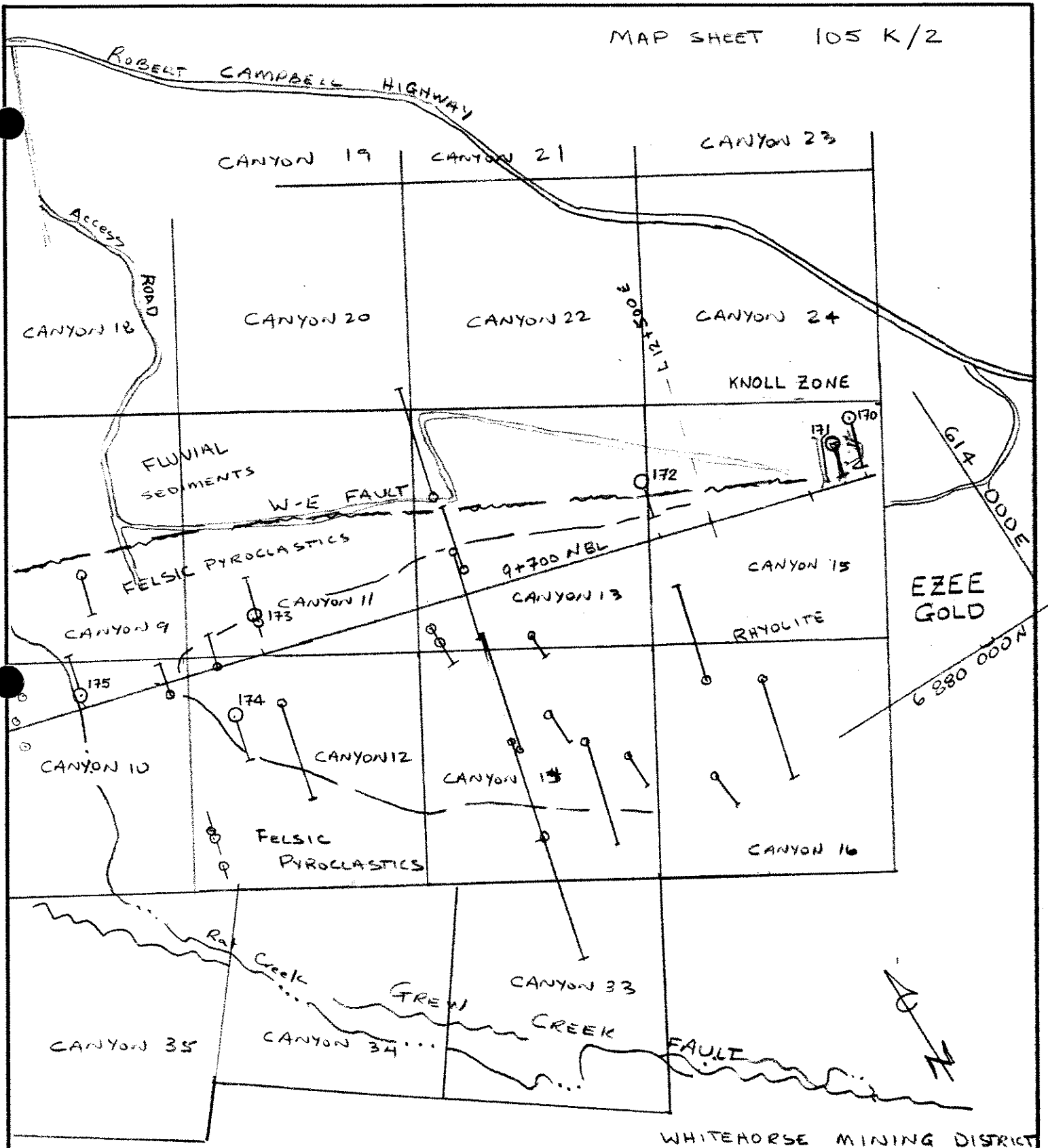
179 ○ — 1995 DRILL HOLE LOCATION
 ○ — SELECTED DRILL HOLE LOCATIONS
 1984 - 1993

GREW CREEK PROJECT

MAIN GRID
 LOCATION MAP

FIGURE 6

Scale:
 1 : 10 000



○ — DRILL HOLE LOCATION

--- GEOLOGICAL CONTACT / FAULT

≡ TRENCH

GREW CREEK PROJECT

RAT CREEK EAST GRID
LOCATION MAP

DECEMBER
1995

Scale:
1:10 000

Figure
7

Drill hole #172 was drilled 400 metres west of the Knoll Zone to intersect an IP resistivity anomaly which flanked the projected trend of the W-E fault zone separating the sedimentary and volcanic rocks. The hole intersected interbedded rhyolite flow and felsic pyroclastic rocks. The upper section of the drill hole from bedrock at 15.6 metres to 35 metres, typically contained geochemical anomalous gold values of 60 - 215 ppb in sericitized and pyritized rhyolite. Elevated gold values gradually decrease with depth. A barren silicified and weakly quartz-carbonate veined pyroclastic tuff bed coincides with the resistivity anomaly.

Drill holes #174 and #176 were drilled to follow up on anomalous gold intersections from holes completed by the Prime Resources JV in 1988. The holes intersected altered rhyolite, felsic tuff and heterolithic volcanic breccia tuff. Drill hole #174 was weakly anomalous in gold throughout. The highest gold value was 225 ppb at 50 metres in altered, brecciated rhyolite. Drill hole #176 intersected slightly elevated (30 - 85 ppb) gold values in moderately altered heterolithic volcanic breccia tuff.

Drill holes #173, #174, #175, #177, and #178 were drilled to test the Rat Creek target. The exploration target was a broad 500 metre long area identified as a possible source for gold in till anomalies detected down ice. Gold in surface till was detected as far as 1.5 kilometres to the northwest located directly above and on the north flank of the Main Zone deposit. Drill holes in the area had previously intersected anomalous geochemical gold values, various lithological, and distal alteration mineralogy suggesting a potential mineralized zone in the area. The 1995 drill holes intersected only slightly elevated geochemical levels of gold (30 - 90 ppb) in altered gabbro dykes, felsic pyroclastic tuffs and heterolithic volcanic breccia tuff.

8.2.5 Knoll Zone. Figure 7.

Two holes on the Knoll Zone were drilled to intersect the sediment - volcanic contact exposed at surface in trenches. Surface assays of quartz veins in silicified sediments yielded gold values up to 3.05 g/t.

Hole #170 intersected fluvial sediments and pyroclastic rocks above the rhyolite contact at 105 metres below the trench. A silicified brecciated conglomerate bed yielded 140 ppb gold at the 60 metre depth.

Hole #171 intersected the pyroclastic rocks beneath the fluvial sediments and the rhyolite contact a depth of 70 metres below the trench. Anomalous gold values were intersected throughout the sediments and upper portion of the pyroclastics. The highest assay yielded 633 ppb gold in the felsic tuff below the sediment contact at the 60 metre depth.

9.0 CONCLUSIONS

Diamond drilling has provided valuable geological information in overburden covered areas. The drill program attempted to systematically step out from outcrops using structural and geophysical trends as guides.

At the Main Zone, drill hole # 181 confirmed ore grade mineralization at the eastern end of the mineable reserves. Further step out drill holes are required in this area. Fill in drilling at higher elevations is also required on the Main Zone to define the upper limits of the deposit. This would also confirm grades and close off areas where the drill hole spacings are greater than 12.5 metres.

The drilling at the Knoll Zone intersected anomalous gold values (up to 633 ppb) over a 20 metre interval of conglomerate, sandstone and tuff. The gold mineralization is open along strike to the east and west. Anomalous gold values were also detected in volcanic rocks 400 metres west of the Knoll Zone in drill hole # 172.

Attempts to follow up anomalous gold in till have not been successful at locating economic gold mineralization in the Rat Creek area. 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. Drill holes east of Rat Creek intersected anomalous gold values in pyroclastic tuff near the contact with the massive flow rhyolite rocks. Narrow and scattered sub-economic gold intersections have been reported throughout the area suggesting there is potential for the discovery of another gold deposit. The coverage of the drill hole spacing in the area does not allow for the development of a significant sized deposit unless it occupies a structure at an orientation nearly paralleling the drill hole directions.

The diamond drilling at Kilometre 410 has indicated that the extensive hydrothermal alteration is at a high level within the epithermal system. The setting and type of alteration is similar to that encountered at the western end of the Main Zone at Grew Creek. Only weakly anomalous gold values have been encountered but the drill holes tested relatively shallow depths of the system.

The area west of the Main Zone deposit lying between Kilometre 383 and 388 has largely been untested. A number of geophysical conductors have been located on the norther flank of a broad magnetic anomaly. The magnetic response is due to a large deposit of mafic volcanic rocks. The overburden cover in the area has inhibited the economic evaluation of this area. Diamond drilling is the recommended method to test this area although locally, the overburden has been very difficult to drill through. Careful drilling procedures are required to successfully complete drill holes.

10.0 LIST OF REFERENCES

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN, P. ENG.

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

1. I am a Professional Engineer registered (No. 1165) as a member of the Association of Professional Engineers of Yukon Territory.
2. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.
3. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation.
4. I planned and supervised the geological aspects of the current program, monitored the contractor's performance, and prepared this report on the results of the 1995 diamond drill program on the Canyon Claims.
5. My address is:

26 Liard Road
Whitehorse, Yukon Territory
Y1A 3L4

Signed,



Robert W. Stroshein, P. Eng.

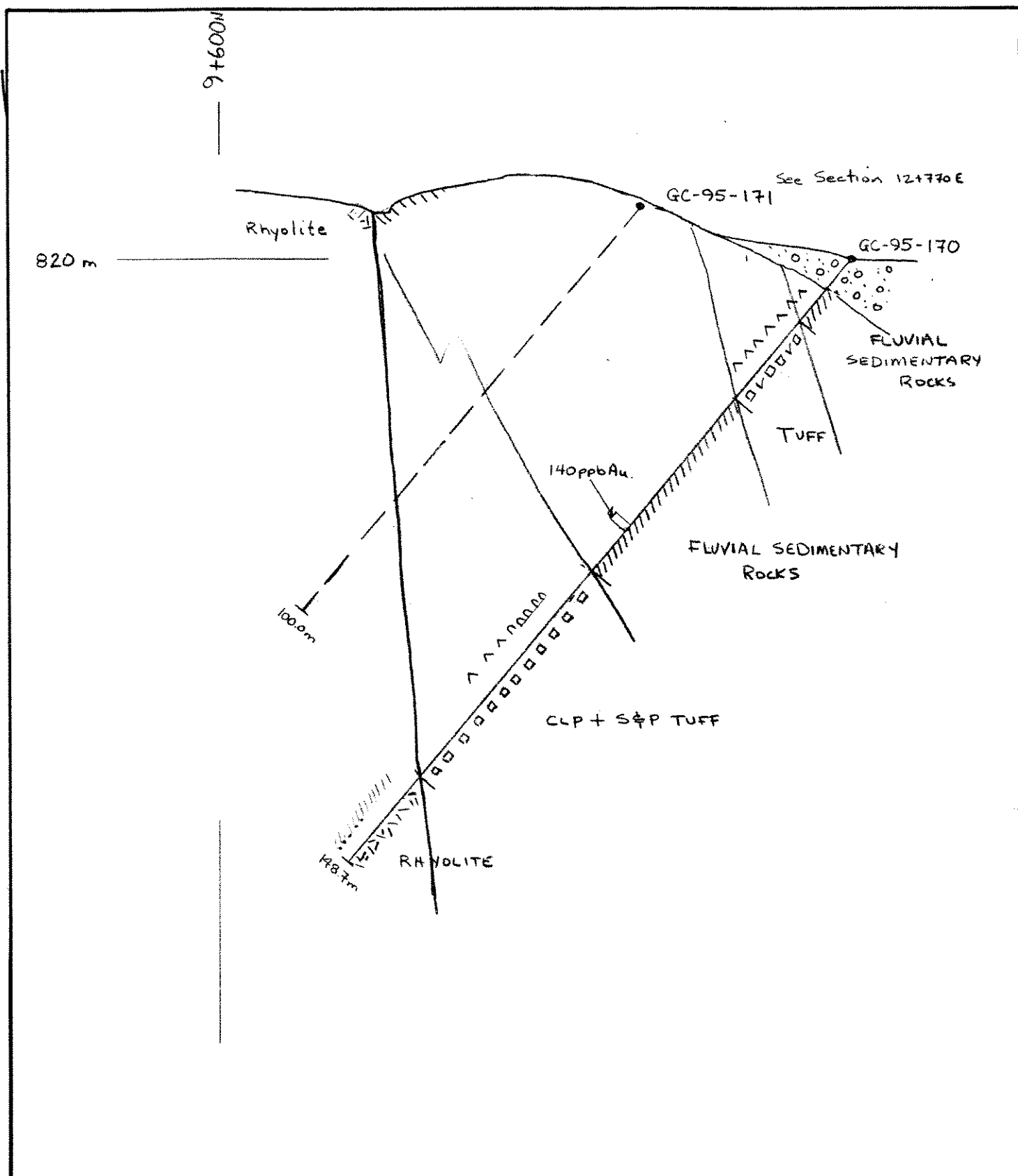
January 5, 1996

APPENDIX 2

GREW CREEK PROJECT

DIAMOND DRILL HOLE CROSS SECTIONS

1995 DRILL PROGRAM



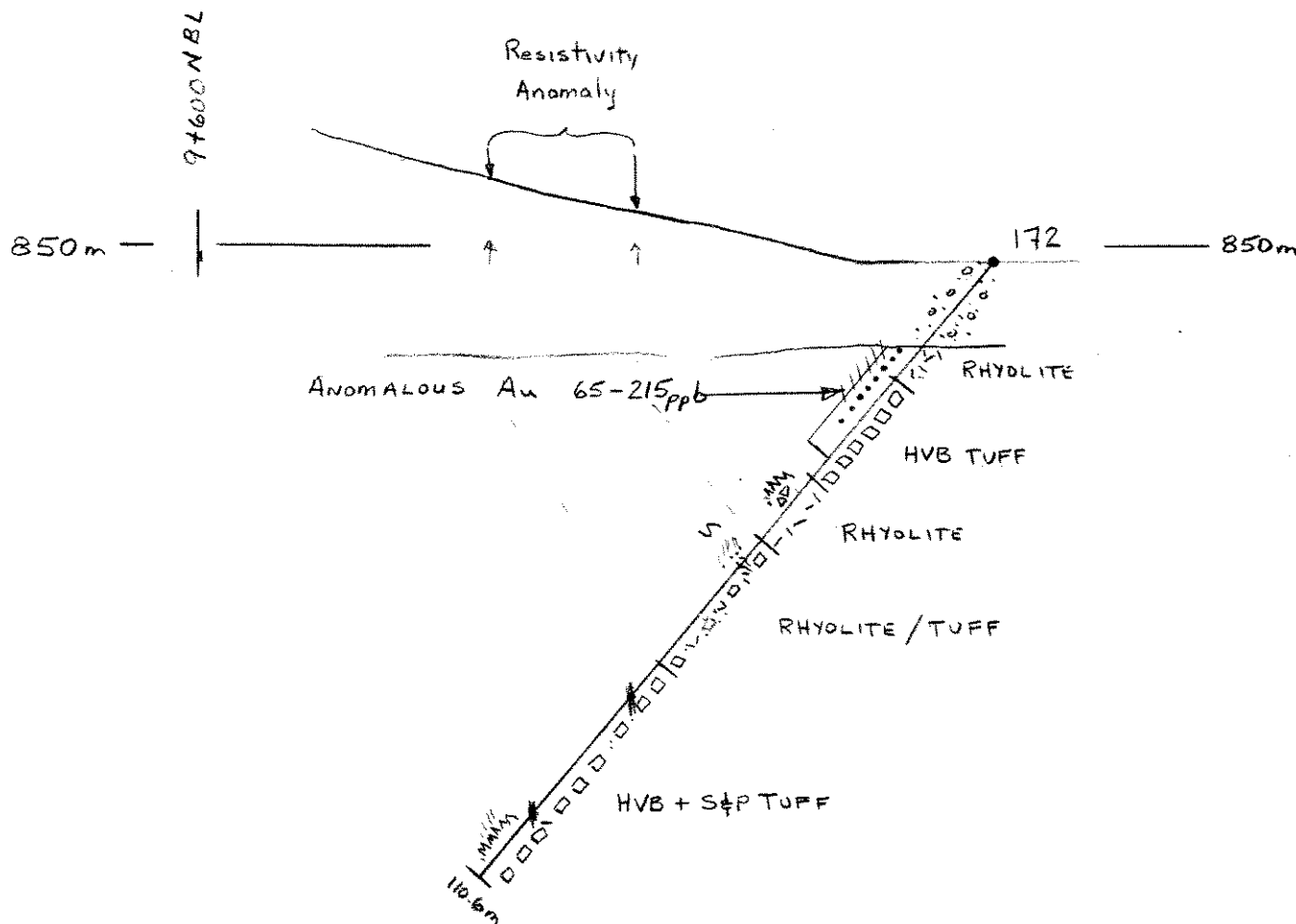
- Σ Clay weathering
- Σ Carbonate Alt'n
- /// Sericite Alt'n
- :: Pyrite

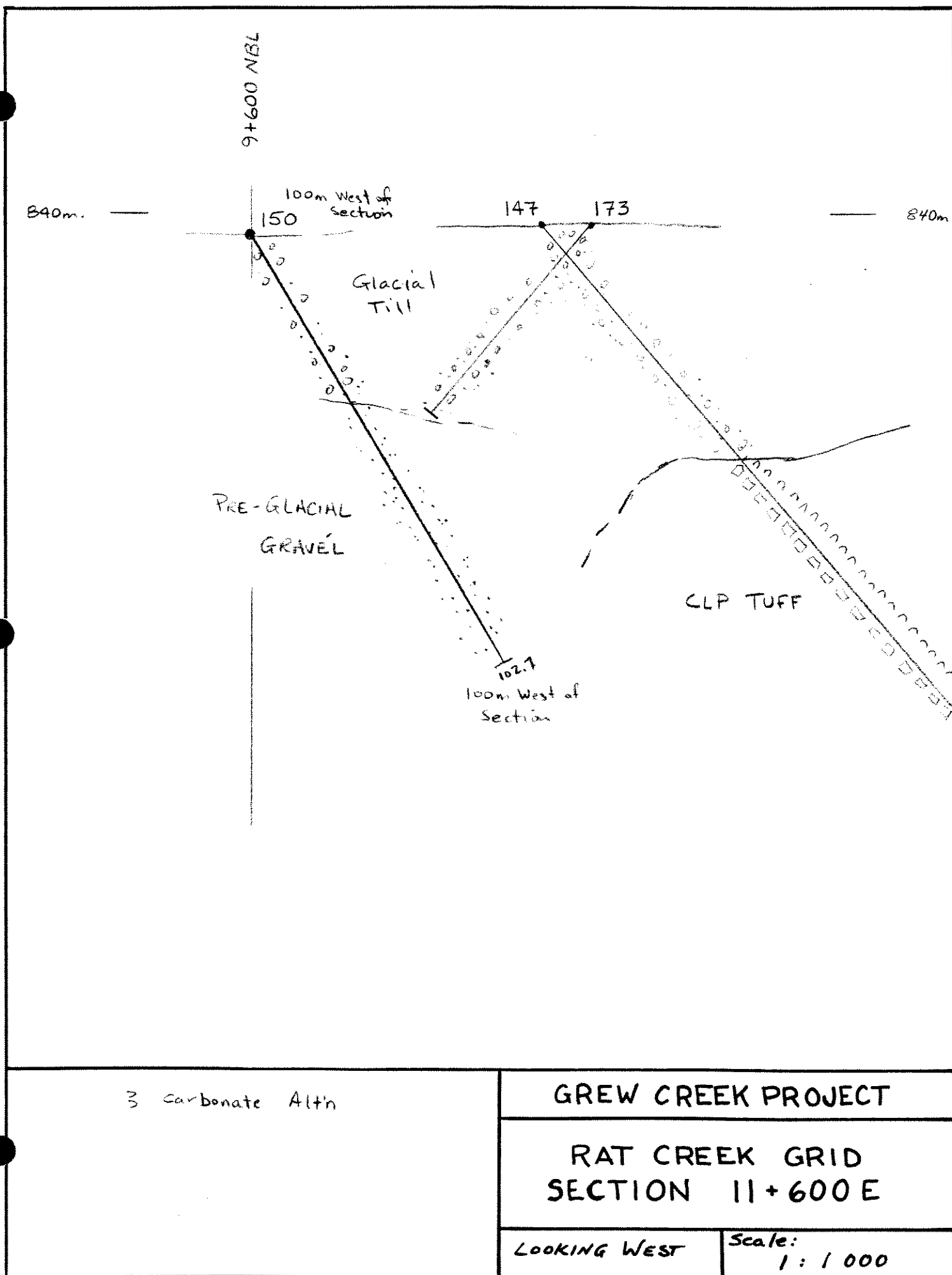
GREW CREEK PROJECT

RAT CREEK GRID
SECTION 12+800 E

LOOKING WEST

Scale:
1 : 1 000

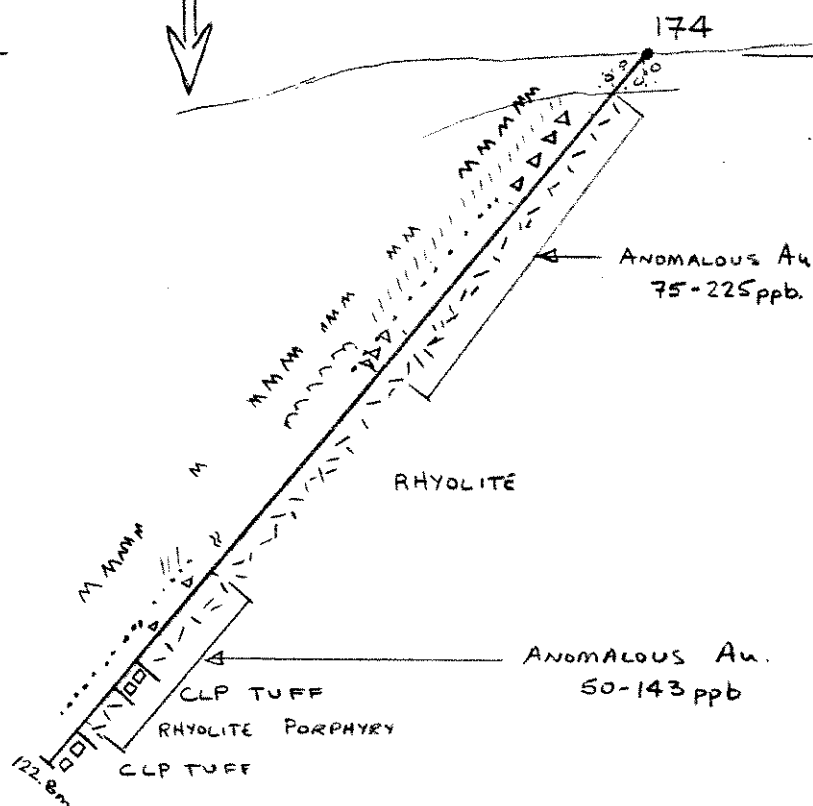




820 m

9+400 N

VLF-EM ANOMALY



- Δ Breccia
- ∴ Pyrite
- ∕∕ Sericite Alt'n
- Σ carbonate Alt'n
- Σ Clay Alt'n

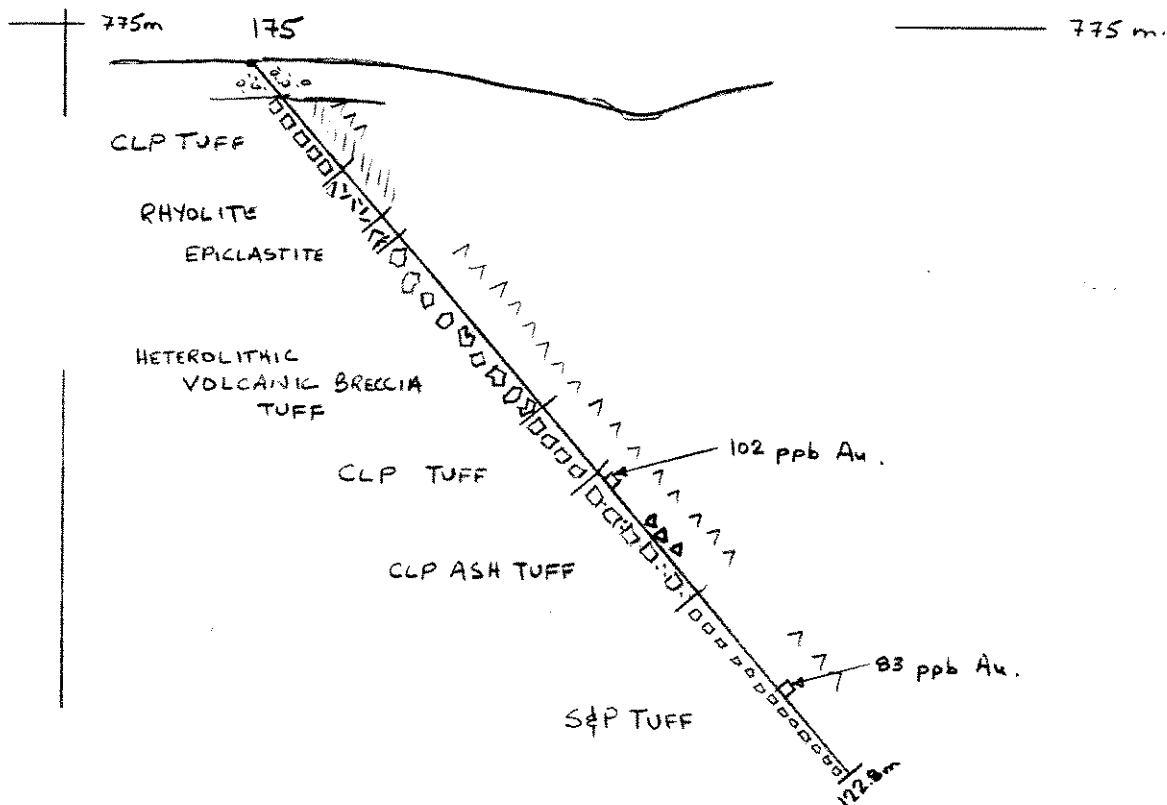
GREW CREEK PROJECT

RAT CREEK GRID
SECTION 11+500 E

LOOKING WEST

Scale: 1 : 1000

94600 NBL



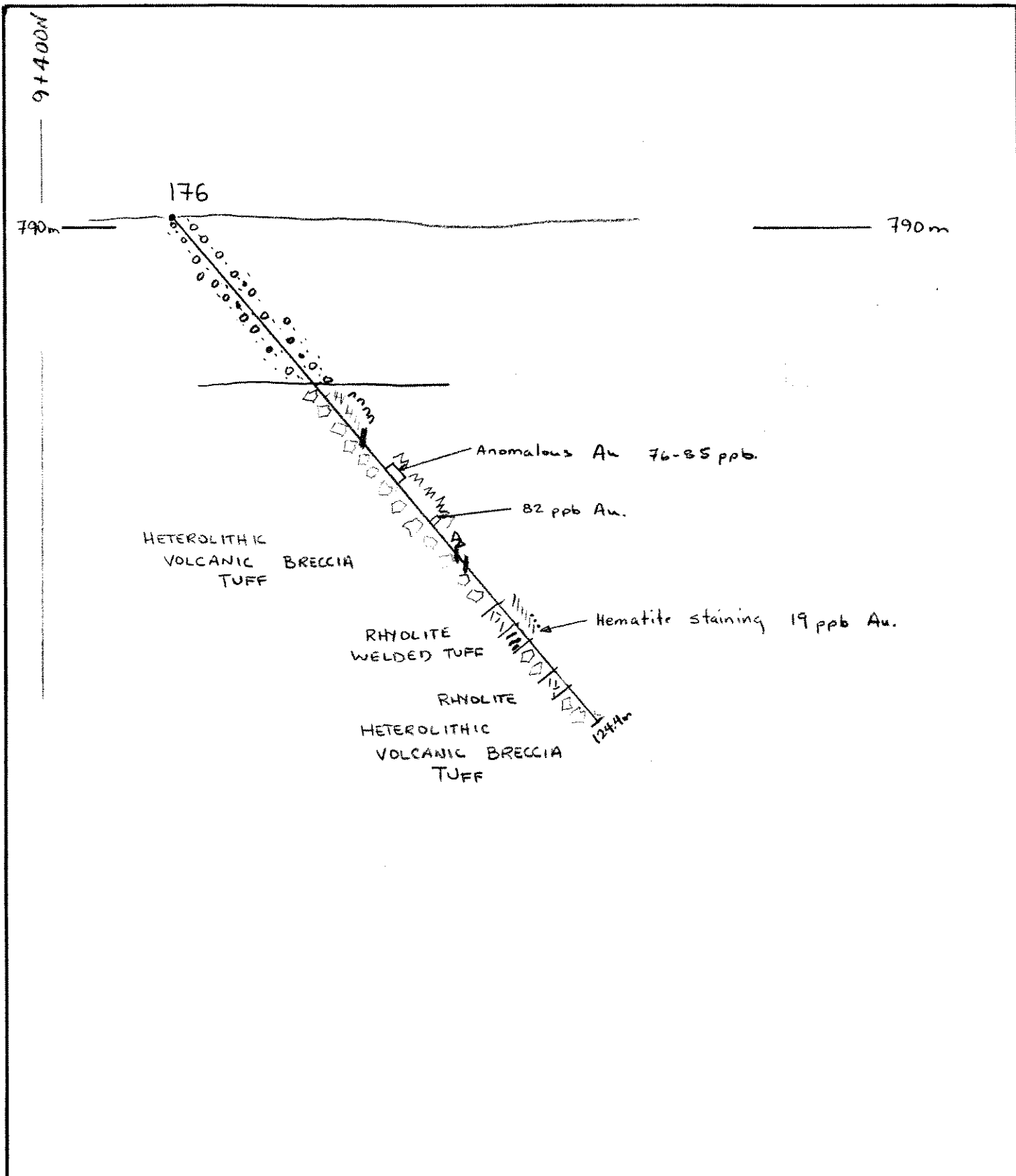
- /// Sericite Alt'n
- ~ Clay weathering
- △ Breccia.

GREW CREEK PROJECT

RAT CREEK GRID
SECTION 11+200 E

LOOKING WEST

SCALE:
1 : 1 000



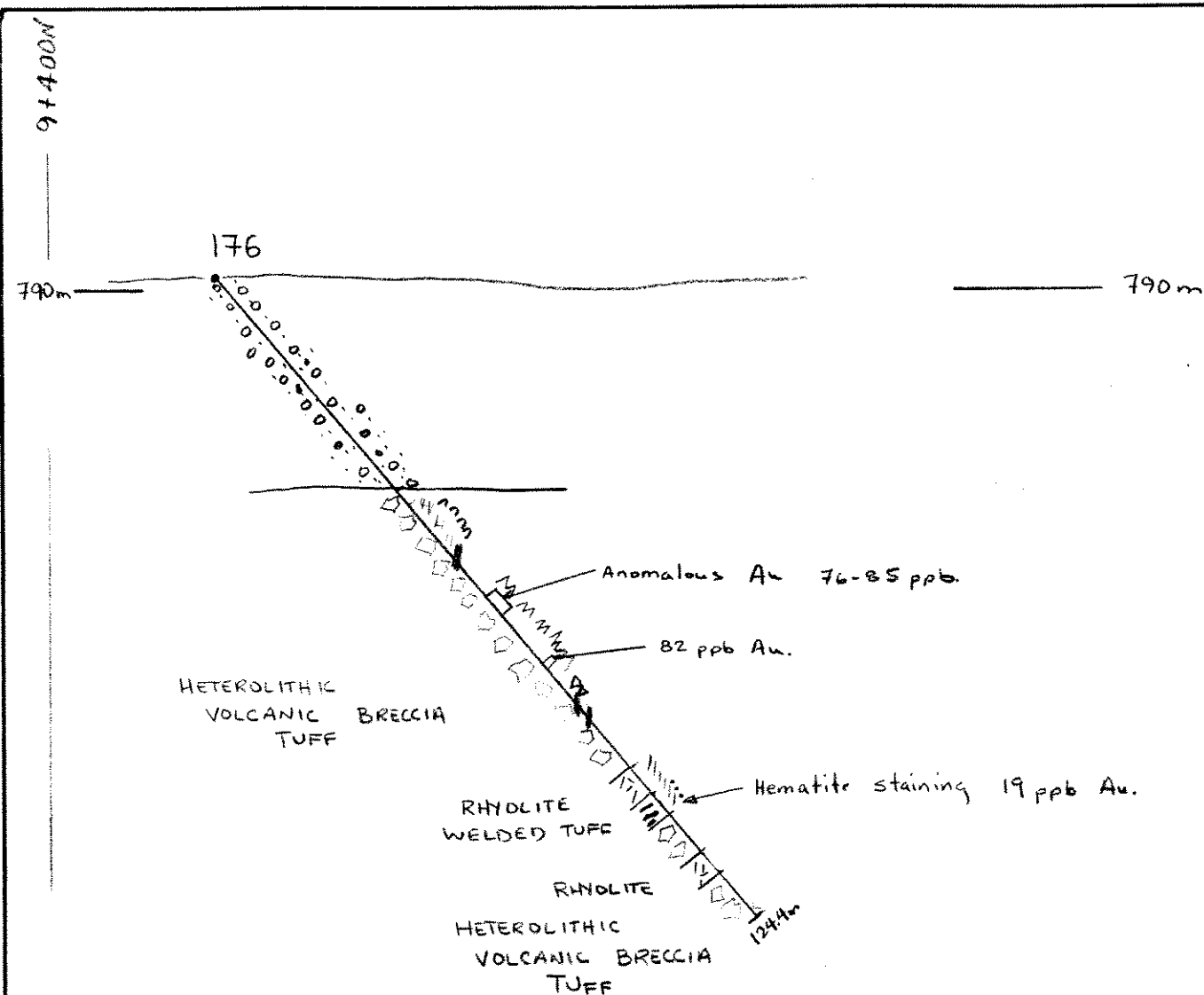
- / Carbon Seam
- /// Sericite Alt'n
- ≡ Clay Alt'n
- : pyrite
- Δ Breccia

GREW CREEK PROJECT

RAT CREEK GRID SECTION 11+100 E

LOOKING WEST

SCALE
1 : 1000



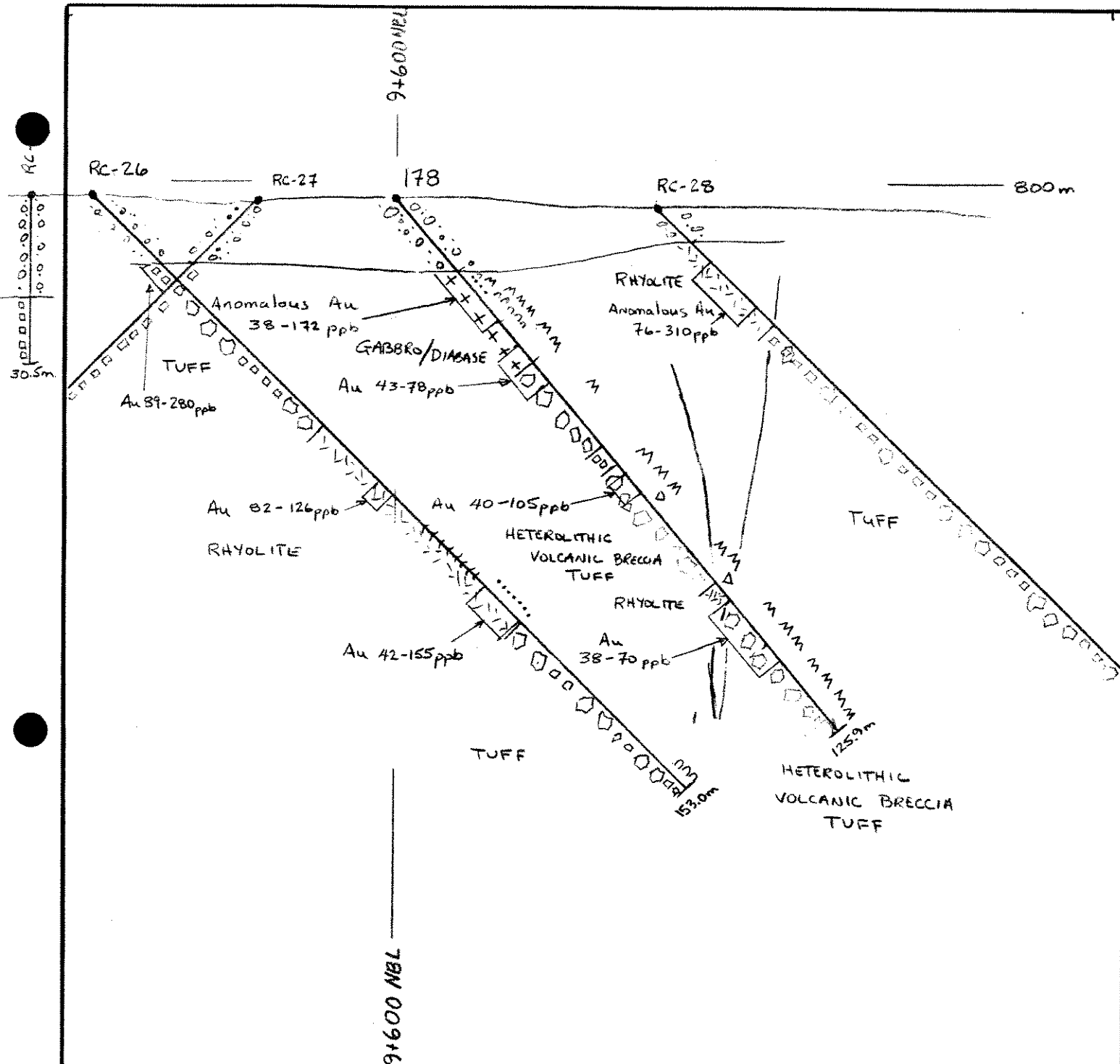
- / Carbon Seam
- // Sericite Alt'n
- ≡ Clay Alt'n
- : pyrite
- Δ Breccia

GREW CREEK PROJECT

RAT CREEK GRID SECTION 11+100 E

LOOKING WEST

SCALE
1 : 1000



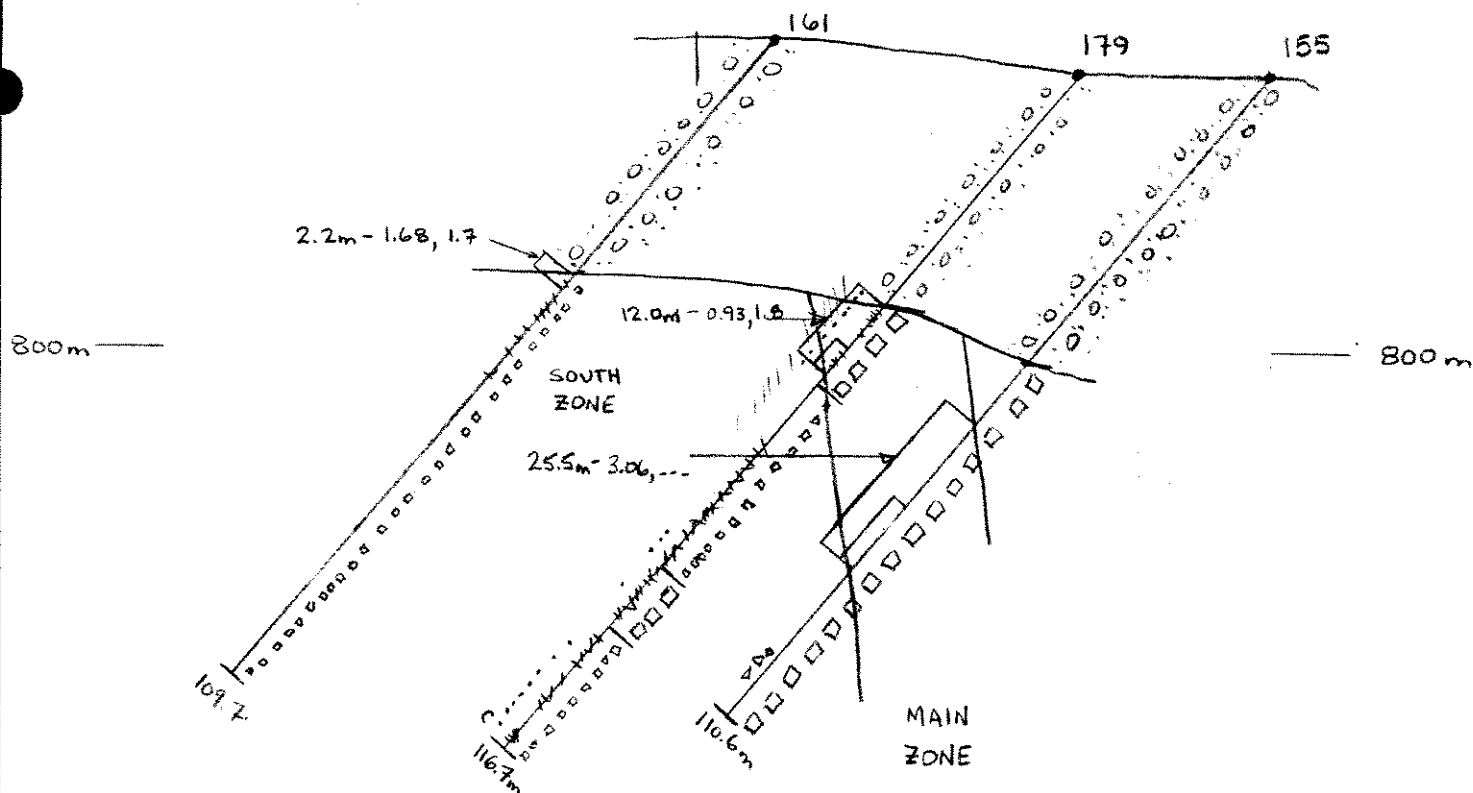
- △ Breccia
- ⋮ pyrite
- 3 carbonate alt'n
- ≡ clay alt'n
- ⋮ carbon seam
- ≡ quartz veining

GREW CREEK PROJECT

RAT CREEK GRID SECTION 11+025 E

LOOKING WEST

Scale:
1 : 1000



ASSAYS

WIDTH (m) - gold (g/t), silver (g/t)

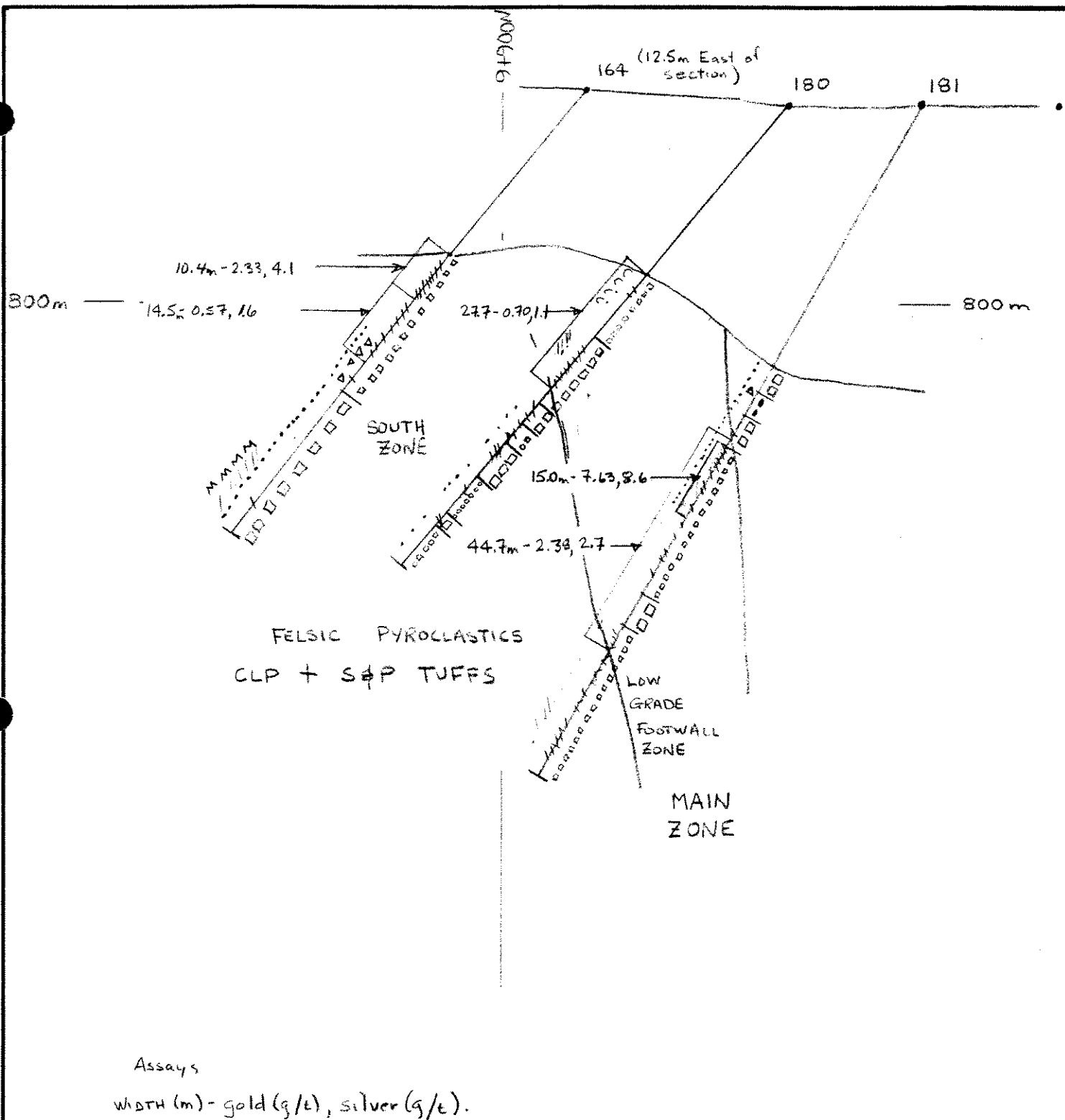
- △ Breccia
- ≡ Quartz veining
- ∴ Pyrite
- /// Sericite Alt.

GREW CREEK PROJECT

MAIN GRID
SECTION 10+262.5 E

LOOKING WEST

Scale:
1 : 1 000



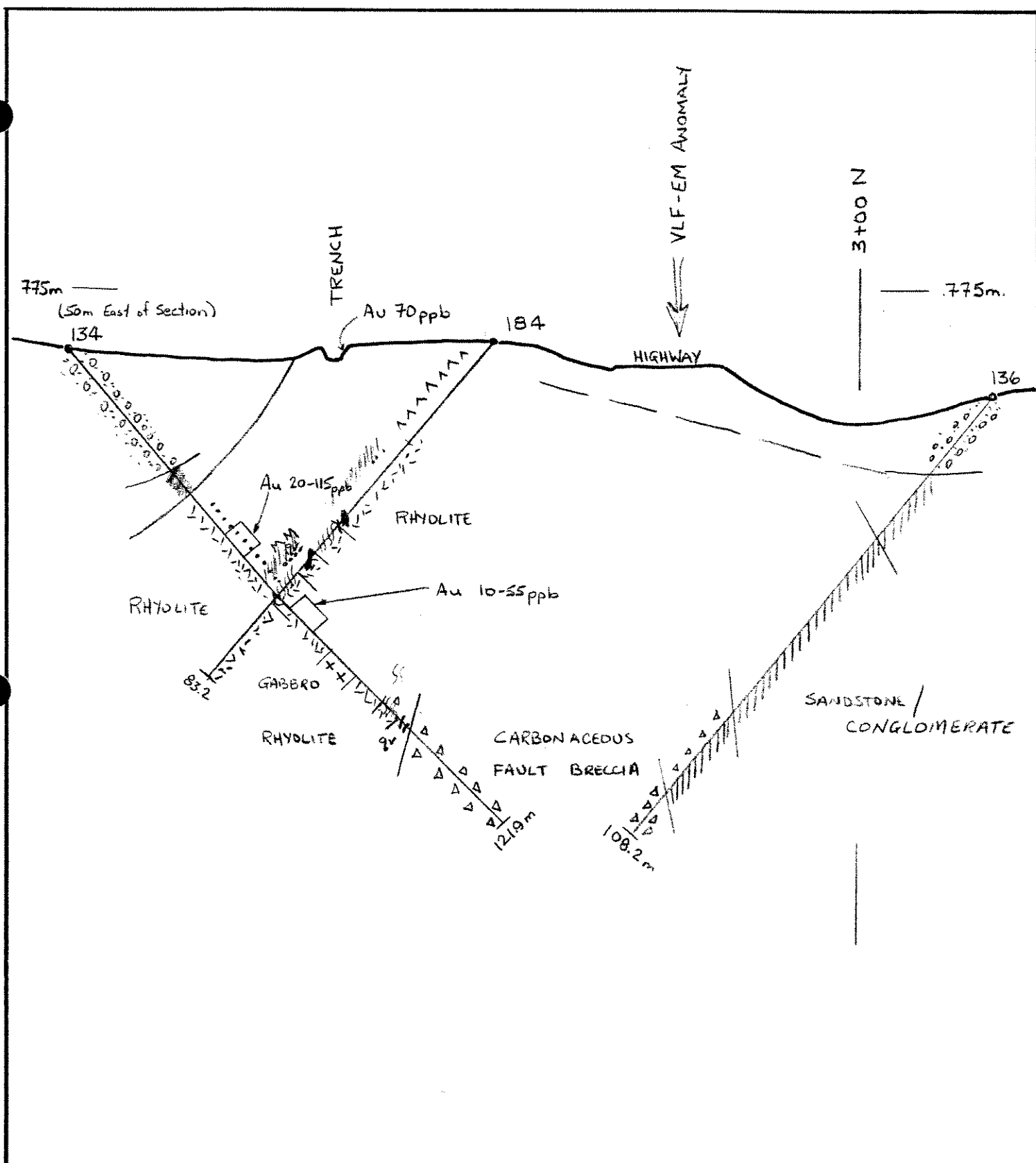
- △ Breccia
- ∴ Pyrite
- ✕ Quartz vein stwk
- ∥ Sericite alt'n
- ← Clay alt'n

GREW CREEK PROJECT

MAIN GRID
SECTION 10+287.5 E

LOOKING WEST

Scale:
1 : 1000



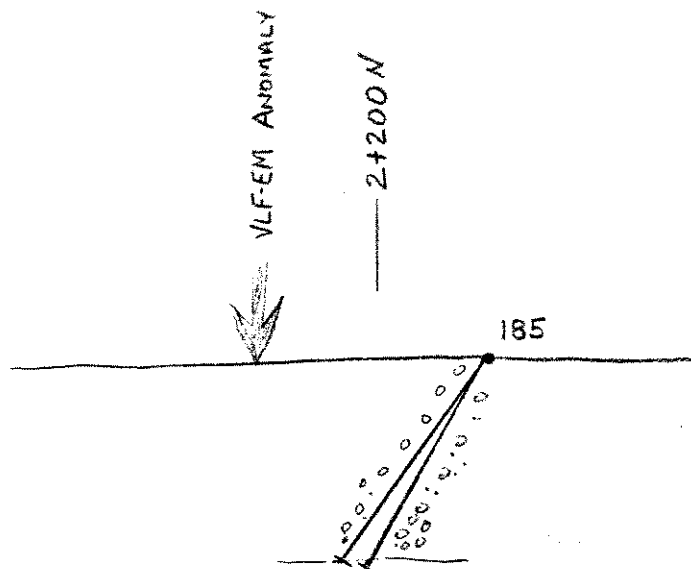
- △ Breccia
- ~ Clay Weathering
- ⋮ disseminated pyrite
- qr / Quartz Veining
- /// Sericite Alt'n
- MM Clay Alt'n
- ⚡ CARBON SEAM / COAL

GREW CREEK PROJECT

KM 410 GRID
SECTION 214 W

LOOKING WEST

Scale:
1 : 1000



GREW CREEK PROJECT

KM 395 GRID
SECTION 48 W

LOOKING WEST

Scale:
1 : 1000

APPENDIX 3

GREW CREEK PROJECT

CANYON CLAIMS

DIAMOND DRILL LOGS

FOR DRILL HOLES GC-95-170 TO GC-95-181

GC-95-184 & GC-95-185

GREW CREEK PROJECT

DIAMOND 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-porphry with rounded and broken white to grey "phenocryst" of calcite or rhyolite.

HVB **HETEROLITHIC VOLCANIC BRECCIA TUFF:** heterolithic tuff breccia. Proximal facies poorly sorted lapilli tuff. Lapilli of felsic, intermediate, pumice, and metamorphic in minor dark grey ash matrix.

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	<table><tr><td>Percentage</td><td>Tr</td><td>trace</td></tr><tr><td></td><td>1</td><td>1 - 3 %</td></tr><tr><td></td><td>2</td><td>3 - 5 %</td></tr><tr><td></td><td>3</td><td>5 - 10 %</td></tr><tr><td></td><td>4</td><td>10 - 20 %</td></tr><tr><td></td><td>5</td><td>20 - 40 %</td></tr><tr><td>Type</td><td>D</td><td>disseminated</td></tr><tr><td></td><td>S</td><td>stringer</td></tr></table>	Percentage	Tr	trace		1	1 - 3 %		2	3 - 5 %		3	5 - 10 %		4	10 - 20 %		5	20 - 40 %	Type	D	disseminated		S	stringer
Percentage	Tr	trace																								
	1	1 - 3 %																								
	2	3 - 5 %																								
	3	5 - 10 %																								
	4	10 - 20 %																								
	5	20 - 40 %																								
Type	D	disseminated																								
	S	stringer																								
Qv	QUARTZ VEINS	Number of veins or stringers.																								
T	Type or Total Alteration Classification	<table><tr><td>Ph</td><td>phyllic</td></tr><tr><td>QA</td><td>quartz-adularia</td></tr><tr><td>A</td><td>argillic</td></tr><tr><td>W</td><td>clay weathering</td></tr><tr><td>L</td><td>local</td></tr><tr><td>M</td><td>moderate</td></tr><tr><td>I</td><td>intense</td></tr></table>	Ph	phyllic	QA	quartz-adularia	A	argillic	W	clay weathering	L	local	M	moderate	I	intense										
Ph	phyllic																									
QA	quartz-adularia																									
A	argillic																									
W	clay weathering																									
L	local																									
M	moderate																									
I	intense																									
CR	Core recovery in %																									
Struct. Int.	Fracture intensity of core:	degree of broken core from 0 - continuous whole core piece to 10 - no whole core pieces recovered.																								

GREW CREEK PROJECT

DIAMOND DRILL LOG

KNOLL ZONE

Hole No.: GC-95-170		Grid: RAT CREEK		Claim: CANYON 15 YA75731		Page 1 of 8												
Depth: 148.74m		Coordinates - Northing 9+720 N		Bearing: 200° / GRID SOUTH		Date Started: August 14, 1995												
Angle: -50°		- Easting: 12+B12.5 E		ELEVATION: 820m		Date Completed: August 17, 1995												
Core Size: HQ / NQ at 36.58m		Dip Tests:		DRILLED BY: E. CARON DO / VAL D'OR II		Logged By: Robert Stroschein												
Footage		Rock Type	Alteration							Assays					% RCVRY	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	7.00	OVB													*		Clay sand and gravel.	
														Silver Not Analyzed		7250		
7.00	14.85	CARBON RICH SEDS															Dark grey to black sandstone, conglomerate, argillite and coal seams.	
																	Carbonaceous clastic sediments. Unit is strongly weathered from surface & coal seams appear to be of high grade but are generally very narrow at 10-20cm.	
14.85	15.70	CONG.															Clast supported conglomerate with clasts up to cobble size. Light grey green in colour. Intermediate between volcanic clasts with coarse sandstone and black shale.	
																	Solid competent core	
15.70	23.80	ORANGE OXIDIZED Pyroclastic															Orange weathering conglomerate as previous section occurs with oxidation and calcite on surface. Volcanic clasts are alluvial appear to be fairly recent but near surface.	
											15.70	17.20	1.50	23151	<5	*	99%	4-lin white to light grey carbonate stringers sub // to acute E.A. scattered along this interval.
											17.20	18.70	1.50	23152	9		100%	2-lin white xl calcite stringers (very fine) calcite clasts(?) at 18.6m with fine stringers.

Hole No. GC-95-170

Page No. 2 of 3

Footage		Rock Type	Alteration							Assays					% RCVRY	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
																	Local Gravel bedded. Low matrix. 40°
																	white sandstone. Low matrix. 50° plane (see photo)
										18.70	20.50	1.80	23153	<5		100%	Moderate orange alteration 1035m low grey brown carbonate string at 47° C.A.
										20.50	22.00	1.50	23154	<5		100%	patches of unaltered cong. Fine light brown calcite string at 21.05m.
										22.00	23.80	1.80	23155	<5		98%	Fine grey brown carbonate string at 22.85m @ 22° C.A.
23.80	25.80	Volcanic															Volcanic clast supported conglomerate with little matrix. This could be an agglomerate. Sed. clasts common.
25.80	26.30	VOLC. INT.															Tan to light grey intermediate to felsic volcanic bed. with CN @ 38° C.A. Contacts are irregular but broadly conformable to bedding.
										25.80	26.30	0.50	23156	<5		100%	Fine dark grey stringers with in tan section cross cutting at various attitudes. i.e.
26.30	34.75	Volcaniclastic															Abundant pumice clasts decreasing down the section. Clasts of sediment and charcoal increase down section. Clasts more rounded down section. Fragments generally angular at top of interval. Intermediate volcanic clasts throughout.
										29.50	31.00	1.50	23157	<5		100%	Traces of fine grained grey carbonate stringers

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 373
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
34.75	72.35	SANDSTONE																
		CONG																
		SHALE																
		BROS																
CORE REDUCED TO NO @	36.50m																	

Hole No. GC-75-170

Page No. 47-8

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 4/8
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
									W	77.35	78.10	0.75	23161	5		97%	Green and grey green clay - altered rhyolite contact zone. Weathering F/K	
									W	78.10	79.50	1.40	23162	<5		100%	Grey green quartz euge rhyolite clay weathering	
79.50	81.55	ASH TUFF															Dark grey to black ash tuff with abundant perminic fragments locally graded BWS. lower CN @ 60° C.A. Boulding at 72° C.A.	
81.55	86.15	CLP TUFF															Crystalline lapilli perminic tuff. Lapilli size fragments of g+p. Melted contacts. 25cm bed of flow banded tuff at contact. 65° C.A. on flow banding.	
			-	-	-	-	-	-	-	81.55	83.05	1.50	23163	<5		100%	Soil complement core.	
			-	-	-	-	-	-	-	83.05	84.55	1.50	23164	<5		100%	" " " "	
			-	-	-	-	-	-	-	84.55	86.15	1.60	23165	<5		100%	" " " "	
86.15	94.60	S&P Tuff							Cb								S&P tuff light to medium green with abundant fine clasts of calcite, perminic, sedimentary felsic and mafic volcanics. Sericite and clay alteration on feldspar in felsic clasts. Fine grained white calcite stringers.	
									Cb	86.15	87.65	1.50	23166	<5		90%	Carbonate at weathered clay BWS 87.10 - 87.35m	
									W									

Page No. 5 of 8

Footage		Rock Type	Alteration								Assays						% RCVR	Description	Page No. 5 of 8
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
			-	-	-	TR	-		Cb	87.65	89.15	1.50	23167	<5		90%	Carbonate alt. 4. 3-lane structure. Calc. at 80% // to matrix. C.A.		
									Cb										
						✓ TR			Cb	89.15	90.65	1.50	23168	<5		100%	S&P		
						✓ TR			Cb	90.65	92.15	1.50	23169	<5		100%	Fine irregular white ls. calcite stringers at 92.00		
						✓ TR			Cb	92.15	93.65	1.50	23170	<5		100%	S&P		
						✓ TR			Cb	93.65	94.60	0.95	23171	<5		100%	S&P clay weathering along fractures		
									W										
94.60	100.60	S&P Tuff				S&P tuff continued with occasional lapilli size								fragments of quartz, rhyolite carbonate alteration zone. Rhyolite, peridot and sedimentary rock fragments. Seismic alt. of 400m rhy frags light to medium grey fine sal matrix					
						✓ TR			W Cb	94.60	96.10	1.50	23172	<5		100%	S&P with occ. (lapilli frag.) rhy pt		
										96.10	97.60	1.50	23173	<5		100%			
										97.60	99.10	1.50	23174	<5		100%	✓		
										99.10	100.60	1.50	23175	<5		100%	✓		

Page No. 65-8-

[illegible]

[illegible]

148.78 EOH END OF HOLE

DIAMOND DRILL LOG

[illegible]

Hole No. 9-25-74
Page No. 3-19

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Notes
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
					M												9-19
										18.14	18.75	0.61	23505	12	0.1	82	Coarse ss+ H/med grey well sorted
																5	fine conc. intl @ 18.60-18.75 (clasts up to 1cm d)
																	- 4 whole core pcs (< 29cm)
										18.75	19.89	1.12	23506	36	0.1	44	dk grey fine ss+ ~30% mafic clasts
																9	- intense clay alt'd (dk grey) @ 19.20 - 19.30
																	- wk cb alt'd @ 19.75 - 19.89
																	- fract: 30° (2 fakes); 70° (1 fct)
18.89	20.80	SILTST							W	19.89	20.80	0.91	23507	31	0.2	46	med. dk grey, pervasive clay alt'n (struct. + text obl't)
																9	1 whole core pc (7cm l.)
20.80	22.25	BY ZONE								20.8	22.25	1.45	23508	55	0.3	6	Core missing
																9	V. bk, brecciated core (siltstone)
																	- cb veining: clear white VNS
																	- 1 whole core pcs
22.25	38.70	CONG															- H to med-H groundmass, w/ yellowish tint (Cb alt'n)
																	poorly sorted, dr clasts
																	contain several Cb stringers
																	unaltd to wkly weathered
																	- lacks green alt'd clasts (w/ very few exceptions)
																	- lacks well defined fracture pattern
									W	22.75	23.50	1.25	23509	34	0.15	62	intense clay alt'n @ 23.20 - 23.50
																9	- clear cb filling sublt fracture @ 22.90 (bk core)
																	- 13 whole core pcs (< 9cm)

Hole No. 4-95-21

Page No. 4-79

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 4-79
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
								1	W	23.50	25.0	1.50	23510	13	0.1	67	Qz strgs @ 23.85 (bk core 1st run only)
																9	2 mm w.)
																	mod to intense alt'd @ 23.60 - 24.0 (breaks easily)
																	15 whole core pcs (L 7 cm)
									W	25.0	26.5	1.50	23511	14	0.1	87	Mod-intense clay alt'd @ 25.15 - 25.70 (breaks easily)
																5	clay seam @ 26.04 (30° 3mm w) w/ 16 gr. in the borders
																	(6 strgs @ 26.25 (sub//, 2mm w, 25cm))
																	6 whole core pcs (L 22 cm)
									W	26.5	28.0	1.50	23512	15	0.1	72	Mod-int. clay alt'd @ 26.60 - 27.20 (bk core)
																5	(6 strgs @ 26.50 (sub//, 1mm w, 8cm))
																	26.60 (45°, 1mm w)
																	26.65 (sub// 1mm w, 3cm)
																	26.90 (sub//, 2mm w, 12cm)
																	27.80 (sub//, 1mm w, 20cm)
																	large (scm) black "clast" w/ concentric structure
																	+ cut by a series of cb strgs
																	6 whole core pcs (L 32 cm)
									W	28.0	29.50	1.50	23513	32	0.1	91	mod. alt'd intl (breaks easily)
																3	cl strgs @ 28.0 (sub//, 1mm w, 28cm)
																	28.90 (60° 1mm w)
																	28.93 (60° 1mm w)
																	29.30 (30° 2mm w, 10cm)
																	12 whole core pcs (L 22 cm)

Page No. 5-12

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
								Q	W	29.50	31.0	1.50	23514	* 16	0.1	84	- Mod alt'd Int'l (bks easily)
																3	- Cb strgs @ 29.88 (30° 1-2mmw, 11cm) 30.22 (30° 1mmw, 6cm) - Qz vln clast @ 31.0 (3.5cm φ) - fract. 30° (3fts) - 7 whole core pcs (L 27cm)
										31.0	32.50	1.50	23515	* 20	0.1	77	mod alt'd Int'l easily
																7	Cb strgs @ 31.10 (20° < 1mmw, 12cm) 31.25 (30° 3mmw, 9cm) 32.0 (30° 1mmw, 3cm) 32.25 (45° < 1mmw) 32.38 (45° < 1mmw) 32.42 (subll, < 1mmw, 3.5cm) - 8 whole core pcs (L 17cm)
										32.50	34.0	1.50	23516	* 29	0.1	93	Intense alt'n @ 35.50 - 35.80
																7	Cb strgs @ 32.60 (20° < 1mmw, 12cm) 33.0 (30° < 1mmw, 14cm) 33.25 (subll, 1mmw, 24cm) 33.50 (30° 2mmw, 6cm) 2 large boulders (7cm φ) @ 33.10 + 33.30 - 13 whole core pcs (L 20cm)
										34.0	35.50	1.50	23517	* 18	0.2	98	mod alt'd (bks easily)
																5	Cb strgs @ 34.10 (30° 1mmw, 5cm) 34.17 (30° < 1mmw, 15cm) 34.56 (20° 3mmw, 11cm)

Hole No. GC-95-191

Page No. 6-19

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 6-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																	34.80 (45° 1mm w)	
																	35.0 (60° 2mm w)	
																	35.05 (Sub// 2mm w, 16 cm l)	
																	35.25 (wavy ~ 40° 2mm w)	
																	11 whole core pcs (< 32cm)	
										35.50	37.0	1.50	23518	* 16	0.2	91	dk fire congl in sandstone sequences about to appear	
																5	this interval @ 35.70 - 35.78, 36.0 - 36.38	
																	- Elastic boulders (7cm d) w/ yellow Cb + bright green sericite	
																	alt'n @ 36.03	
																	Cb stringers @ 36.30 (60° < 1mm w.)	
																	* 36.54 (Sub//, 3-5 mm w, 30 cm l)	
																	12 whole core pcs (< 16 cm)	
										37.0	37.81	0.81	23519	13	0.1	92	dk grey, alternating fine + coarse elastic sequences	
																7	Cb stringers @ 37.05 (several fine, most @ 30°)	
																	37.12 (Sub//, 3mm w, 8cm l)	
																	- bright green alt'd. (sericitization) clast (5cm d) @	
																	37.60	
																	- 2 whole core pcs (< 12cm)	
										37.81	38.78	0.97	23520	23	0.2	74	Mostly coarse congl. sized clasts, w/ 3 sand	
																9	sequences (< 2cm w) @ 38.0 - 38.25	
																	- V. intense alt'n @ 38.30 - 38.78 (dk grey color;	
																	clasts preserved ± fresh)	
																	Cb string @ 38.05 (30° < 1mm w., 12 cm l)	
																	- 7 whole core pcs (< 9cm)	

Hole No. GC-95-171

Page No. 8-19

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	HOLE NO. GC-45-171 Page No. 8-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
42.65	43.15	CONG			W					42.65	43.15	0.50	23523	11	0.3	100	- dk grey congl. clasts up to 3-4 cm ϕ	
																3	- cb alt'n along clast borders	
																	- fresh core	
																	- 3 core pcs (L 28 cm)	
43.15	43.45	SILTST					TR			43.15	43.45	0.30	23524	25	0.4	92	silt to fine sstone grain size	
																7	dk grey, bedding sublt	
																	py alt'n in cavities	
																	2 whole core pcs (L 9 cm)	
43.45	52.32	CONG															white gdnas, + very conspicuous bright green alt'd clasts (<1mm - 3cm ϕ)	
																	- contains narrow intvls of coarse SST	
										43.45	44.50	1.05	23528	21	0.2	84	- clasts generally < 1cm ϕ	
																5	- orange-brown alt'n (oxidation?) thrt intvl	
																	- few bright green alt'd clasts (<1cm ϕ)	
																	- 6 whole core pcs (L 30 cm)	
										44.50	46.0	1.50	23529	29	0.2	57	- coarser congl. white gdnas (no more brown alt'n)	
																7	- few bright green clasts (<1cm ϕ)	
																	- coarse SST intvl @ 44.80 - 45.0, quickly coarsens	
																	back into CONG	
																	- 8 whole core pcs (L 17 cm)	
										46.0	46.65	0.65	23530	31	0.1	37	- v. bk core @ 46.20 - 46.65	
																9	- overall green colour starts @ 46.47	
																	- 2 whole core pcs (L 9 cm)	

Hole No. GC-95-171

Page No. 9-19

Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
					M	M		I		46.65	47.32	0.67	23531	* 51	0.1	52	* Qz VN @ 46.75 - 47.25 (sub // > 4cm w.)
																9	v. bk core (bv?) @ 46.20 - 46.40 (bk qz VN)
																	- 3 whole core pcs (< 6cm)
						P				47.32	48.50	1.18	23532	41	0.2	51	- fine clasts @ 47.32 - 47.50
																9	- characteristic green (smectite alt'd) clasts @ 47.50 - 48.50
																	- groundmass is also smectite alt'd
																	- v. bk core @ 48.20 - 48.35
																	- 7 whole core pcs (< 14cm)
						P				48.50	50.0	1.50	23533	56	0.2	51	v. bk core @ 49.0 - 50.0
																9	- 9 whole core pcs (< 7cm)
						P				50.0	51.50	1.50	23534	44	0.2	70	- fine-gd clasts @ 50.90 - 51.10 (lack of sericite
																9	alt'd clasts or gdmass)
																	- v. bk core @ 51.40 - 50.50
																	- 7 whole core pcs (< 22cm)
						M				51.50	52.73	1.23	23535	50	0.1	58	less green smectite alt'n
																9	Cb strgr @ 52.0 (sub //, 1mm w, 27cm l.)
																	52.50 (sub //, < 1mm w, 9cm l.)
																	- 3 whole core pcs (< 5cm)
52.73	61.87	SST															med - dk grey, med. gd SST, w/ narrow coarser
																	(fine congl.) intervals. coarse grain intls are
																	less bk than fine-med SST.

Page No. 10-10

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 10-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										52.73	52.50	0.77	23536	130	0.5	63	v. bk core @ 52.90 - 53.05	
																9	med-gr sst @ 52.90 - 53.25	
																	fine congl intvl @ 53.25 - 53.50	
																	minor cb strgs (bk core; unknown orient.)	
																	2 whole core pcs (< 13 cm)	
								1		53.50	55.0	1.50	23537	*320	0.8	28	coarse-gr @ 53.50 - 53.70	
																9	qz VN @ *53.67 (black cherty aspect, continues on bk core; unknown orient.)	
																	qz-cb strgr @ 54.05 (subd, 2 mm w)	
								1		55.0	56.50	1.50	23538	*101	0.4	31	bx zone; whole intvl v. bk	
																9	v. fine gr, med. gray sst	
																	cb VN @ 55.75 (2 mm w; on bk core; unknown orient.)	
																	qz VN @ *55.80 (v. bk core; unknown orient; chips < 1 cm Ø)	
																	Ø whole core pcs	
								1		56.50	58.83	2.33	23539	*236	0.9	24	bx zone; v. bk core	
																9	qz VN @ *58.50 - 58.80 (v. bkn core; unknown orient; chips < 1 cm Ø). w/ cb VN	
																	Ø whole core pcs	
										58.83	60.50	1.67	23540	145	0.5	27	bx zone; v bk core	
																9	coarse sst / fine congl @ 59.65 - 59.83	
																	2 whole core pcs (< 8 cm)	

Page No. 11 of 12

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 11-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
						w		i		60.50	61.87	1.37	23541	191	0.6	23	bv zone; bk core first interval	
																9	@ VN @ 61.20 (v. bk core; unknown orient chips < 1.5 cm) @ whole core pps	
61.87	64.23	CONG															- dk gray gndmass - clasts generally < 6 mm Ø	
										61.87	63.0	1.13	23542	174	0.4	56	still in bv zone (bk core)	
																9	congl. to sst @ whole core pps	
										63.0	64.23	1.23	23543	220	0.6	42	congl. to sst. @ whole core : bv zone gauge @ 63.30 - 63.45 fairly unaltered (except for gauge zone) - clay seam @ 64.23 (1cm w. 50°) @ contact w/ tuffs - 7 whole core pps (< 6cm)	
64.23	66.0	CLP TUFF															characteristic pinkish lithic clasts + VNs angular to subangular phenocrysts - light gray matrix	

Hole No. G-C-95-171

Page No. 12-19

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 12-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
										64.23	66.0	1.77	23544	633	1.1	27	6v zn @ 64.95 - 65.0
																9	@ 65.20 : light pinkish, white (K-spar + cl.?) "clasts" through grey matrix, contains large (2cm) clastic fract: 30° (2 fets)
																	- 13 whole core pcs (< 15cm)
66.0	67.10	BY ZN								66.0	67.11	1.10	23545	352	1.3	22	V. blk core
																9	contact between CLP ruff (uphole) + conal (downhole) is somewhere within this zone, but v. hard to pinpoint and core is green + their textures are visually similar
																	- 1 whole core pc (5cm)
67.10	67.39	LONG								67.10	67.39	0.29	23546	404	1.0		coarse-grd (clasts up to 3mm), contains red + green clasts
																	"horse tail" texture  2mm, brown + 93 VN along that texture
67.39	68.0	CLP								67.39	68.0	0.61	23547	378	1.9		dk grey matrix
		TUFF															- fairly unalt'd
																	- Fract: 30° (3 fets)
																	- felsic clasts are surrounded by a v. fine (< 1mm w.) dark "reaction rim?"
68.0	69.11	S+P															coarse-grd S+P, w/ varying amt of felsic
		TUFF															- med/H. brown-grey matrix py: TR or absent
																	- clasts generally 2-4 mm
																	- altered (perissid?) @ 68.0 - 69.65, fresh elsewhere

Hole No. 6C-95-171

Page No. 12-19

Footage		Rock Type	Alteration							Assays						% RCVRY	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			13-14
				P	W				W	68.10	68.88	0.88	23548	12	<0.1	91	clay: lt. grey muddy aspect @ 68.0 - 68.02	
																7	68.17 - 68.25; 69.20 - 69.32	
																	minor cb alt'd (yellowish patches)	
																	Fract. 45° (1 fct)	
																	- 3 whole core pcs (< 22 cm)	
				P					W	68.88	69.65	0.77	23549	9	<0.1	91	Mod. clay alt'd @ 68.88 - 69.15; pervasively clay	
																9	alt'd elsewhere (v. soft core)	
																	Fract 30° (3 fcts); 70° (3 fcts)	
																	- dk, unalt'd blk core 4 mm's above clay @ 69.50 - 69.60	
																	- 5 whole core pcs (< 10 cm)	
																	- 1+ grey clay seam (30°, 1 cm w, 8 cm l.) @ 69.93	
				F	W					69.65	71.0	1.35	23550	11	<0.1	81	- Oxidation zone @ 69.90 (irregular ~ 3 - 6 cm w.)	
					M											5	doesn't fiss - oxidation between gg grains	
																	- some @ 70.0 (3 cm w, discontinuous) + irregularly	
																	discont. bedded thrt + intol.	
																	Fract 30° (3 fcts)	
																	- 6 whole core pcs (< 26 cm)	
										71.0	72.50	1.50	23551	8	0.1	93	- clay alt'n (muddy aspect) @ 71.35 (30° 5 mm w.)	
																5	71.60 (sub ± 3.5 cm w); 72.05 (30°, 2 cm w);	
																	72.28 (30°, 1 cm w)	
																	Fract. 45° (2 fcts); 30° (4 fcts)	
																	- 10 whole core pcs (< 16 cm)	

Hole No. GC-95-471

Page No. 14

Footage		Rock Type	Alteration							Assays					% RCVR	Description	Page No. 14 - 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
				F						72.50	74.06	1.56	23552	18	0.1	87	Fract. 60° (3 fets) ; 20° (5 fets)
																5	fairly unalt'd
																	11 whole core pcs (L 17cm)
				F						74.06	75.50	1.44	23553	9	<0.1	82	intensely clay alt'd @ 74.06 - 74.15 (light grey muddy asst) ; 75.05 (30° 2mm w.)
				M												5	Cb VN @ 75.23 (bk core) unknown orient, 4mm w.)
																	Modly clay alt'd @ 75.40 - 75.50
																	Fract. 30° (3 fets) ; 45° (1 fct) ; 60° (1 fct)
																	8 whole core pcs (L 17cm)
				M						75.50	76.40	0.90	23554	23	0.1	82	wk. mod clay alt'd thru interval.
																7	Fract. 45° (1 fct) ; 30° (2 fets)
																	clay seam (muddy asst) @ 76.32 (60° 1mm w.)
																	5 whole core pcs (L 26cm)
										76.40	77.11	0.71	23555	11	<0.1	49	intense clay alt'd @ 76.96 (30° 2mm w.) + grey muddy
																7	Fract. 45° (2 fract) ; 60° (1 fct) ; 30° (1 fct)
																	bk core @ 76.50 - 76.60 (fairly unalt'd)
																	intense clay alt'd @ 76.70 (Subl, 3mm w.)
77.11	76.92	WELDED TUFF															med. grey matrix with silic texture (flattened silic clasts)
																	mostly unalt'd
																	more intensely welded @ top 5m + bottom 2m (almost CLP in between)

Page No. 2-10

[illegible]

Hole No. GC-95-171

Page No. 16-19

Footage		Rock Type	Alteration							Assays						% RCVR	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			16-19
				F							82.0	82.50	1.50	23560	28	0.1	37	30-45° 20-30° @ 82.55 - 82.97 (rich albite rhyolite dikes)
																	2	- reverse clay alt. @ 82.39 - 82.56
																		- rhyolite dike (alter w/ m w/ 20° + 30° phenocrysts 4mm)
																		- Fract: 30° (1 pct); 20° (1 pct); 60° (1 pct) downhole center of rhyolite dikes)
																		- 6 whole core pcs (4.5 cm)
				F					1		83.50	85.0	1.50	23561	91	0.1	100	- contains felsic bombs (~ 8 cm & bluish rhyolite)
																	3	- Qz string (not chalcedony) @ 84.13 (30°, 2mm w, 2mm l)
																		- Cb strings (brown) @ 84.23 (20°) int'l, most @ 30°
																		also sub'd to 45° strings
																		Fract: 45° (2 pct); 30-80° (2 pct)
																		- 11 whole core pcs (4.33 cm)
																		- fairly unalt'd int'l
				F							85.0	86.50	1.50	23562	47	0.1	74	int'l clay alt'd @ 86.25 - 86.50 (v. soft + coarse
																	5	w/ muddy seam @ 30°, 3mm w.) fairly unalt'd elsewhere
																		Fract: 60° (2 pct); 45° (1 pct)
																		- clay alt'd (11 grey muddy) @ 85.63-85.64
																		- few cb strings (brown) (alt: int'l + most sub'd)
																		- 9 whole core pcs (4.19 cm)
											86.50	87.86	1.36	23563	159	0.1	81	int'l clay alt'd @ 86.85 - 86.92 (muddy);
																	5	unalt'd elsewhere
																		Fract: 20-30° (5 pct) - sub'd (2 pct)
																		- Cb strings @ 87.30 - 87.40 (2 strings, 60°, 2mm w.)
																		- felsic bomb (bluish ~ 7cm Ø) @ 86.50
																		- 7 whole core pcs (4.19 cm)

[illegible]

[illegible]

DIAMOND DRILL LOG

Hole No.: GC-95-172		Grid: RAT CREEK		Claim: CANYON 13 / YA75729		Page 1, of 25											
Depth: 110.64m		Coordinates - Northing 9+709 N		Bearing: 200° / GRID SOUTH		Date Started: August 20, 1998											
Angle: -50°		- Easting: 12+400 E		ELEVATION: 848m.		Date Completed: August - 21, 1998											
Core Size: NR		Dip Tests:		DRILLED BY: E. CARON D.D. / VAL DURET		Logged By: A.L.F.											
Footage		Rock Type	Alteration							Assays						% RCVRY	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	15.61	OVBD															till
15.61	20.40	RHY				P	7-12										fine-grd greenish-grey rhyolite
																	intense green alt'n (soft) along fract
																	- resist + core (not clay alt'n)
						P	10			15.61	17.0	1.39	23574	117	0.1	86	Fract: 30° (3 fets); Sub// (2 fets)
																5	v. intense smectite alt'd along fract
																	- 7 whole core pcs (< 36 cm)
						P	10			17.0	18.50	1.50	23575	215	0.1	91	clay + smectite alt'd @ 17.06 - 17.24; 17.30 (30°, 3 cm w, 10 cm l); 18.0 - 18.03
																	- Fract: 70-80° (3 fets); 30° (4 fets)
																	- 9 whole core pcs (< 23 cm)
						P	5-7			18.50	19.0	0.50	23576	163	0.1	100	clay + smect. alt'd @ 18.80 - 18.92
																5	Fract: 30° (3 fets)
																	(b stringers (sub l, few)
																	- orange - oxidized stringers: several between 18.60 + 18.80 (< 1 mm w, 45°, not continuous; lenses)
																	- 5 whole core pcs (< 20 cm)

Hole No. GC-95-172

Page No. 17

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
							TR			19.0	20.40	1.40	23577	59	0.1	69	lt. grey rhyolite (not serious alt'd)
																7	- bright green alt'n int. @ 19.60 (60° clay alt'n)
																	- Fract. 60° (1 ft) ; 20-30° (3 mts)
																	- (b) stringers (30° to subll) thin 1m
																	- 'porous' (b) along fracts. (white)
																	- orange-yellow 411 @ 19.02 (60°, 3 mm w.)
																	- 19.13 (45°, 3 mm w.)
																	- along fractures (< 2 mm w.)
																	- 5 whole core pcs (< 19 cm)
20.40	20.72	BY ZONE					TR			20.40	20.72	0.32	23578	123	0.1	92	bk clay alt'd shear by zone
																9	- 2 whole core pcs (< 5 cm)
																	- narrow bright green intvls (< 1 mm w.)
20.72	21.08	RHY					TR			20.72	21.08	0.36	23579	27	0.1	100	lt. grey rhy. qz-etc porphyry (different from
																3	rhyolite above by zone
																	- numerous fine orange stringers (soft clay? doesn't fiss)
																	@ various orient
																	- 4 whole core pcs (< 10 cm)
21.08	22.0	HVB		F			TR			21.08	22.0	0.92	23580	58	0.1	83	cb VN @ 21.18 (30°, 6 mm w, 6 cm l.)
																5	Fluorite VN @ 21.08 (subll 3 mm w, 14 cm l. purple)
																	21.30 (60°, 2 mm w.)
																	21.40 (30°, 3 mm w, 10 cm l.)
																	- orange-br. stringers around 21.80 (subll to 70°; v. fine)
																	- py in rhyolitic clasts (< 5%)
																	- orange alt'n of felsic clasts (oxidation + spars argill. path)
																	- 3 whole core pcs (< 25 cm)

Hole No. GC-95-172

Page No. 3

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
22.0	23.0	S+P TUFF		F						22.0	23.0	1.0	23581	18	0.1	95	- med. grey w. sub-parallel texture - purple clay VN @ 22.0 (2mm w, 2cm l) - 22.30 - 4 whole core pcs (< 43 cm) - orange clay VN @ 22.85 (30°, 2mm w, 2cm l) - 23.96 (sub //, 2mm w)
23.0	36.90	CLP TUFF															- lt. grey matrix; bimodal clast distribn - overall unaltd - smooth surfaces
		-	W	F			TR			23.0	24.5	1.50	23582	61	0.3	98	- fluorite VN @ 23.0 (2strgs, sub // 24 + 36 cm l) - 23.30 (30°, 2mm w, 12 cm l) - 23.63 (20°, 3mm w, 8 cm l, w/ abundant massive py) - orange, soft (clay?) VN @ 23.77 (sub //, 3-5 mm w, 50 cm l) - silicified @ 23.45 (w 30 cm w.) - Fract 20° (4 fracs) - massive py alt'n along fractures (along w/ "porous" cb + sericitn) - 5 whole core pcs (< 50 cm)
										24.50	26.0	1.50	23583	23	0.3	97	- orange clay VN @ 24.62 (sub //, 2mm w, 18 cm l) - fluorite VN @ 24.30 (2 // VN, 30°, 2mm w, 2 cm l each) - 25.20 (20°, 2mm w, 2 cm l)

Hole No. GC-95-172

Page No. 4

Footage		Rock Type	Alteration							Assays					% RCVRY	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
																	-clast sizes increase significantly from 25.30
																	downhole: many felsic bombs + blocks
																	-ash banding (dk grey + white fire bands) @ 24.90 (60°
																	6 mm w.); 25.46 (sub $\perp$, 8 mm w.)
																	Fract: 45° (2 fets); 70-80° (2 fets)
																	-11 whole core pcs ($\leq$ 26 cm)
								TR									
										26.0	26.82	0.82	23584	66	0.2	96	Fract 60° (1 fct); 20° (1 fct)
																5	unaltd
																	4 whole core pcs ($\leq$ 42 cm)
				M			M										
										26.82	27.50	0.68	23585	65	0.1	69	-intense clay + sericite alt'n along several sub // fract.
																9	-1 whole core pc (9 cm)
							W										
										27.50	29.0	1.50	23586	109	0.1	82	-v bk + wkly clay alt'd @ 28.40 - 28.80 (shear bx?), w/
																7	minor sericite
																	Fract: 70-80° (2 fets); sub // to 20° (2 fets); 40° (2 fets)
																	-5 whole core pcs ($\leq$ 34 cm)
										29.0	30.5	1.50	23587	66	0.1	81	-orange stringers (most sub //) thru int'l
																5	Fract: sub // (4 fets v. pronounced); 70-80° (3 fets)
																	-10 whole core pcs ($\leq$ 20 cm)
										30.50	32.0	1.50	23588	30	0.1	83	-few bomb clasts
																7	-bk core @ 31.39 - 31.45
																	-Fract: 20° (3 fets); 60° (2 fets)
																	-orange stringers thru int'l (various orient)
																	-9 whole core pcs ($\leq$ 24 cm)

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		% RCVR
			10							32.0	33.5	1.50	23574	169	0.2	89	claw alt'd @ 32.91 - 33.25 (alony / pyroxene) 5 *Silicification @ 32.10 - 33.15 - "flow bending" / clay seams @ 32.30 (sub 1 3 cm w. fine gr. 11 grains + white bands) - Fract: 70-80° (4 fets); 30° (1 fct); 20° (2 fets) - orange string that int'l (most sub 1) - 8 whole core pcs (< 17 cm)
										33.50	35.0	1.50	23590	109	0.1	100	claw alt'd along sub 1 to 30° from (sericite + clay) 5 - Fract: 20° (4 fets); 60° (1 fct) - - Fluorite VN @ 33.60 (sub 1 2 mm w, 11 cm) - felsic barriers (w 10 cm d) that int'l - orange string that int'l / various ox. int'l - 10 whole core pcs (< 15 cm)
										35.0	36.90	1.40	23591	45	0.2	99	fluorite VN @ 35.75 (20° 1 mm w 14 cm), (purple) 5 (6 string @ 36.10 (sub 1, 41 mm w, 40 cm)) clay / seric alt'n along sub 1 fracture @ 36.70 - 36.90 - Fract: 30° (4 fets); 70-80° (4 fets); sub 1 (2 fets, v. prominent) - orange string that int'l (most sub 1) - 10 whole core pcs (< 16 cm)
36.90	38.75	HVB															- black matrix, v. angular, oxidized (orange) clasts (3-6 cm d) - contains a wall seam + apore bomb ~

Footage		Rock Type	Alteration							Assays						* RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M		w			TR	36.90	37.80	0.90	23592	21	0.2	70	mineralized @ 36.90 - 37.05
						M										9	Fract: 30° (1.61) ; sub// (3.61)
																	sub// core p's (2.15cm)
										37.80	38.15	0.35	—				coal seam
																	cb VN (sub// 2mmw, 9cm)
																	v. bk core (d whole pieces)
				M						38.15	38.75	0.60				66	HVB typical texture
				F												9	intensely clayaltd @ 38.15 - 38.53 (white v. soft)
																	fluorite VN @ 38.53 (20°, 1mmw, 8cm)
																	4 whole core p's (2.10cm)
38.75	40.20	RHY/ HVB															cream-grey to greenish-grey
																	w/ fluorite VN + strags
																	contains short int'ls of HVB
				F						38.75	40.20	1.45	23593	10	0.2		intercalated HVB + RHY, impossible to tell
																	which is bomb + which is gdmass
																	Sequence: Rhy (38.75 - 39.20); HVB (39.20 -
																	39.45); Rhy (39.45 - 39.70); HVB (39.70 - 40.0)
																	HVB/RHY w/ sub// bands (40.0 - 40.20)
																	Fluorite VN @ 39.30 (20°, 3mmw, 8cm), purple
																	many fluorite strags thru int'l (most sub//, < 1mmw)
																	Fract: 70-80° (2 fcts); 30° (3 fcts)
																	10 whole core p's (2.23 cm)
40.20	41.45	RHY/P															qtz + calc. porph. texture

Hole No. GC-95-172

Page No. 7

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 7
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				40.20	41.45	1.25	23594	18	0.1	89	- rhyolite has a 92-94 texture	
																5	- mainly clay alt'd @ 41.25 - 41.45 (v. soft, greenish, texture obl'd)	
																	- Pluvite VN @ 40.20 (subll 1mm w, 20 cm l.)	
																	- mod. sericitization @ 41.0 - 41.08 (well preserved core)	
																	- We Kfs-like zone @ 40.55 - 40.73	
																	- Qtz stringers (v. fine; 21mm w, possibly Pluvite) @ 41.0 - 41.30 (several, most @ 30°)	
																	- Fract: 30° (5 fts); subll (4 fts)	
																	- 7 whole core pcs (< 20 cm)	
41.45	46.85	8x zone															- v. clay alt'd, tortured core; textures + structures obl'd	
				P		M				41.45	43.0	1.45	23595	21	0.1	79	Overall intly alt'd 1 orange + 1+ green colour, v. soft bk core)	
																	- all textures + struct. obl'd	
																	- 1 whole core pc (18cm)	
				P		M	TR			43.0	44.5	1.50	23596	15	< 0.1	94	- SAAB	
																	- 1 fct @ 30°	
																	- 1 whole core pc (5cm)	
										44.50	45.35	0.83	23597	9	0.1	100	SAAB	
																	- 1 fct @ 30°	
																	- 1 whole core pc (2cm)	
				M		M		W		45.35	46.85	1.50	23598	18	0.1	83	- better preserved core (not so soft), orange-brown alt'd surface, w/ greenish patches; structures ± preserved	
																	- Fract: 30° (6 fct.)	
																	- 16 VN @ 46.0 (1mm w, subll, 10cm l.)	

Hole No. 60-95-172

Page No. 80-20

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	% RCVRY	
																	- 46.25 (1.5° wavy, 3mm w.)
																	- intensly clay alt'd (v. soft - core) @ 46.70 - 46.85
46.85	49.80	RHY															- 1 whole core pcs (9cm)
					VN					46.85	48.35	1.50	22599	12	0.1	96	orange-brown surface; fairly resistant core
																7	- intensly clay alt'd @ 47.0 - 47.20; 47.25 - 47.45
																	- CB VN @ 46.90 (30° wavy, 2mm w, 8cm l.)
																	47.50 (30° 1mm w, 10cm l.)
																	47.63 (kt core > 2mm w.)
																	47.67 (sub//, 3mm w.)
																	47.70 (30°, 3mm w, 8cm l.)
																	+ several strags (most sub// to 30°)
																	- Fract: 30° (11 fets); sub// (3 fets)
																	- 6 whole core pcs (2-9cm)
					VN					48.35	49.80	1.45	23600	7	0.1	93	- orange-br surface (w/ local green. patches)
																5	- well-preserved core
																	- CB VN @ 48.45 (sub//, 1mm w, 14cm l.)
																	48.55 (20°, 2mm w, 5cm l.)
																	48.70 (sub//, 2mm w, 5cm l.)
																	49.10 (sub// @ 20°, 1-3mm w, 26cm l.)
																	49.30 (20°, 5mm w, 13cm l.)
																	+ several strags (mostly sub// to 20°)
																	- Fract: 30° (2 fets); sub// (1 fet); 70-80° (3 fets)
																	- 6 whole core pcs (2-27 cm)

Hole No. GC-95-172

Page No. 9-20

Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
49.60	50.45	HVB		F		W										82 9	- med in dr green matrix w/ bombs (up to 12cm) - oxidation of felsic + actinolite (orange colour) - 1 v. minor cl string @ 49.93 (60° 21mm w.) - 3 whole core pcs (21cm)
50.45	52.0	QFP		F						50.45	52.0	1.55	23601	//	0.1	86 9	- lt grey to greenish grey rhyolite w/ qtz + feldspar phenols. Feldspar phenols alt'd (orange) - Fluorite VN @ 50.55 (70° 1mm w. purple) - 50.60 (60° 5-10mm w. purple) - Qz string (41mm w. mag. @ 30°) @ 51.0 - 51.35 - "Claw seam" (lt. grey fine gr. hard 20° 1.5cm w.) @ 51.40 - w/ soft clay alt'n on uphole side - Intensely clay alt'd @ 51.60 - 52.0 soft + bk core - 11 whole core pcs (217cm)
52.0	53.80	HVB		F												96 9	- bombs up to 20cm - Rhyolite dyke / bomb @ 52.40 - 52.70 (down hole contact @ 30°) - Intensely alt'd @ 52.70 - 52.85 (soft + greenish) - orange alt'd (hard core) Rhyolite bombs @ 53.0 (12cm) - 53.50 (17cm) - many orange stringers thru int'l (various orient.) - 8 whole core pcs (217cm)
53.80	57.40	RHY															- lt grey w/ flow banding (along which green sericite alt'n concentrates) - fairly well preserved core - TE to 1% py

Hole No. 50-95-12

Page No. 10-22

Footage		Rock Type	Alteration							Assays					% RCVR	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	F		M	S			53.25	55.30	1.50	23602	31	0.1	82	- alternation of sericitized (green) + silicified (grey) bands @ 45°
						P										9	- by along fract
																	- Fluorite VN @ 54.75 (sub //, 6mm w, 16cm l.)
																	- 54.25 (sub // 8mm w, 20cm l., w/ abundant massive py)
																	- Fract: 30° (2 fets); sub // (3 fets)
																	- 5 whole core pgs / < 18 cm
			M	F		M	S			55.30	56.35	1.05	23603	14	< 0.1	83	- altered sericitized + silicified bands @ 55.30 - 55.85
						P										9	- intensely clay alt'd @ 56.0 - 56.05; 56.22 - 56.35 (v. soft clay) + along sub // fets)
																	- py concentrated along fractures + shags
																	- minor fluorite VN
																	- Fract: sub // (2 fets); 30° (2 fets)
																	- 2 whole core pgs / < 12 cm
			M			M	S			56.35	57.40	1.05	23604	18	0.1	78	- lt greenish grey (much less sericite alt'd than uphole)
						M										7	- w/ silicified bands (sub //) thru interval
																	- Qz stringers (sub //, 41mm w, few)
																	- py along fracts + in clasts
																	- Fract: 30° (1 fct); 70-80° (5 fets)
																	- 10 whole core pgs / < 12 cm
57.40	64.20	HVB															- black matrix, contains blocks of RHVP above (banding still noticeable) @ uphole 20cm
																	generally v. large blocks + bombs (avg ϕ ~ 8cm)

Hole No. 60-95-172

Page No. 11-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 11-20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Hole No. GC 95-172

Page No. 12-70

Footage		Rock Type	Alteration							Assays				Au ppb	Ag ppm	% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.				
					VF					63.0	64.20	1.20	23607	9	0.1	91	- Cb VN @ 63.05 (sub// 1cm w, 86cm) w/ minor qz, w/ minor py above
																5	63.83 (sub// 3mm w, 22cm) + several sub// strings
																	Fluorite VN@ 63.95 (sub// 2mm w, 6cm)
																	- cavity filling b. Cb (24" lgt) @ 64.10-64.20
																	Fract. 45° (2 fts) 20-30° (2 fts)
																	- 5 whole core pcs (< 38cm)
64.20	65.25	RHY								64.20	65.25	1.05	23608	8	<0.1	100	Cb VN@ 64.20 (30°, 2mm w, 5cm) w/ minor qz
																3	64.30 (20°, 1mm w, 12cm)
																	64.45 (20°, 1mm w, 13cm)
																	* 64.92 (sub// 3mm w, 35cm)
																	- Several sub// VN @ 65.0-65.25, branching off the main ore above
																	- orange ell' in thxt intl (unbk, hard core)
																	- Fract. 45° (2 fts)
																	- 5 whole core pcs (< 50 cm)
65.25	66.25	HVB		F						65.25	66.25	1.0	23609	8	0.1	96	- dk grey matrix abundant orange oxidized bombs
																5	- unclear transition from RHY to HVB
																	- Cb VN @ 65.25 (sub// 2mm w, 20 cm) 2//VN
																	+ strings
																	- 6 whole core pcs (< 22 cm)
66.25	67.30	RHY								66.25	67.30	1.05	23610	9	0.1	98	Fluorite VN@ 67.10 (20°, 3mm w, 12 cm) purple
																35	- several orange strings thxt intl (most @ 20-30°)
																	- Fract. 25° (2 fts)
																	- 5 whole core pcs (< 38 cm)
																	- med-lt grey, qz-use porph.

Hole No. 60-95-172

Page No. 19-20

Footage		Rock Type	Alteration							Assays					% RCVRY	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			M				70.40	72.0	1.60	23613	13	0.1		alternating siltstone (sericitized) + argill. (cl. 15-20%)
																5	bands along shear banding (sub. 1)
																	- silicified bands (white) @ 70.50 (sub. 1, 2 mm w.)
																	- 80.0 (30°, 1 mm w, 5 cm l)
																	- v. intense sericite + clay alt'n (soft core) @
																	71.45 - 71.62; 71.70 - 71.90
																	- Fract: 60° (30° 15') 30° (20° 15')
																	- 10 whole core pcs (< 23 cm)
72.0	77.27	HVB															- black matrix
																	- large felsic bombs (upto 26 cm Ø, orange-stained)
				F						72.0	73.5	1.50	23614	13	0.1	97	cb VN @ 72.08 (30°, 1-4 mm w, 8 cm l)
																5	73.0 (sub. 1, 1 mm w, 13 cm l.)
																	+ many strgs (various orient.)
																	- 13 whole core pcs (< 24 cm)
										73.50	75.0	1.50	23615	20	0.1	73	intly clay alt'd felsic bomb @ 73.75 - 74.07 (beige-
																9	l+gray, v. bk, soft) w/ cb VN
																	- intly clay alt'd @ 74.15 - 74.30
																	- black bomb (C-rich) @ 74.40 (10 cm Ø)
																	- cb VN @ 73.50 (60°, 2 mm w)
																	73.60 (45°, 2 mm w)
																	73.80 (bk core; unknown orient.)
																	* 73.90 (60°, 1-2 mm w) on clay alt'd felsic bomb

Footage		Rock Type	Alteration							Assays						* RCVRY	Description	Hole No. 4C-95-172 Page No. 16-20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Hole No. GC-95-172

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Footage		Rock Type	Alteration							Assays						% RCVRY	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			7-20
								-		91.20	91.70	1.50	23624	12	0.1	100	Qz VN @ 91.22 (sub 3mmw, 1.22m) - 89.66 (sub 3mmw) contains black cast - 6 whole core pcs (L 47cm)	
								3		90.70	92.20	1.50	23625	8	0.1	100	Qz strgs @ 91.0 (30° < 1mmw, 6cm) - 91.30 (sub 1/2" < 1mmw, 32cm) - 91.50 (sub 1/2" 1-3mmw, 12cm) (b VN @ 91.60 (20° 2mmw, 1cm) - black VN (sub 1/2" to 20°) between 91.90 + 92.20 - Fract - 45° (54.45) - 9 core pcs (L 32cm)	
								2		92.20	93.70	1.50	23626	5	0.1	100	Qz VN @ 92.35 (sub 1/2", 1-2mmw, 26cm) w/ (b 93.10 (20°, 1mmw, 14cm) - 5 core pcs (L 50cm)	
								2		93.70	95.20	1.50	23627	10	0.1	100	Qz/Cb strgs @: 94.15 (sub 1/2" 1mmw, 12cm) 94.26 (sub 1/2" 1mmw, 20cm) - black strgs @ 94.20 (20° < 1mmw, 14cm) - 4 core pcs (L 75cm)	
								-Z		95.20	96.70	1.50	23628	45	0.1	100	Qz strgs @ 95.86 (20° < 1mm, 9cm) 95.89 (20° < 1mm, 9cm) + Cb bx zone @ 96.0 - 96.30 (Cb cutting through tuff + mafic clasts) - 6 core pcs (L 35cm)	

Hole No. GC-95-172

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
101.50	104.50	HVB															med - dk grey matrix - large rhyolitic bombs
				F						101.50	103.0	1.50	23632	7	0.1	87	- black C-rich (fine gr) @ 101.50 - 101.60
																9	- Cb strags (discontinuous minor) thrt. intl - intsl. clay alt'd @ 102.60 - 102.75 (soft, bk core) - black C-rich mat'l @ contact w/ tuff uphole - 7 whole core pcs (< 24 cm)
				P						103.10	104.50	1.50	23633	28	0.1	86	- severely clay alt'd thrt. intl (v. soft core) - felsic bomb (beige colour, ~30cm Ø) @ 103.15 - 1 whole core pc (10 cm)
104.50	108.80	RHY															v. alt'd green colour, mostly soft core - cream colour where unalt'd.
				P		P				104.50	106.0	1.50	23634	17	<0.1	86	green - orange staining of K-spars - 2 whole pcs core (< 7 cm)
				P		P				106.0	107.30	1.30	23635	6	0.1	95	snags - 4 whole core pcs (< 13 cm)
				M		W				107.30	108.80	1.50	23636	9	<0.1	67	fresh rhyolite (cream-grey colour @ 107.30 - 107.60 intensely. clay alt'd @ 107.90 - 107.95 (v soft) - wk-mod clay alt'd elsewhere - orange strags thrt. intl (various orient.) - 9 whole core pcs (< 18 cm)

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DIAMOND DRILL LOG

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DIAMOND DRILL LOG

Hole No.: GC-95-174		Grid: RAT CREEK		Claim: CANYON 12 / YA 75728		Page 1 of 21	
Depth: 122.83 m		Coordinates - Northing 9+490N 370		Bearing: 200° / GRID SOUTH		Date Started: August 22, 1995	
Angle: -50°		- Easting: 11+500E		ELEVATION: 820m.		Date Completed: August 24, 1995	
Core Size: NR		Dip Tests:		DRILLED BY: E CANON D.D. / VAL DOM?		Logged By: A.L.F.	

Footage		Rock Type	Alteration								Assays						% RCVRY	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	7.45	OVBG															fill	
7.45	10.97	RHY		F		M											67 white, v. fine grained, w/ gg + fspav phenor 9 (<2mmid) - mod to intense sericitization (green ground mass) @ 7.45 - 8.30 - sericitization along fractures + stringers + 9.0 - 10.55 light greenish-white gdmass - pinkish rhy admixes @ 10.55 - 10.97 (w/ green sericitized patches, black stringers + TC py), uphole contact w/ greenish rhy @ 45° - 2 fracts @ 30°	
10.97	26.82	BY ZONE		P		P											- v. characteristic bx texture on unaltd rhy @ 10.97 - 11.94 - everything else pervasively clay + sercite altd (v. soft, greenish-grey core) v. little texture preserved	
																	- unaltd, but banded rhy @ 10.97 - 11.94 9 - cream-grey pervasively altd (soft core) @ 11.94 - 12.5 - Cb VN (bk core) @ 11.86, 11.96; 12.15 (unknown origin) - 4 whole cores pos (214cm)	

Hole No. GC-95-174

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Footage		Rock Type	Alteration							Assays						Description	Page No. 2 - 21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au pph	Ag ppm		
				P		W		I		12.50	14.0	1.50	23640	48	<0.1	52	Qz VN @ 14.05 (30° 5 mm w), 10 cm
																9	- cream-colored mud to intensely clay alt'd @ 12.50 - 13.11
																	- mud sericitic @ 13.11 - 14.05
																	- 1 whole core pcs (2 cm)
				P			M			14.0	15.50	1.50	23641	109	<0.1	43	- 1 fresh, graded rhy @ 14.0 - 14.15
																9	- hematite staining @ 14.40 - 15.50 (v. bk, clay alt'd core)
																	- 1 whole core pcs (2 cm)
			W	P			P			15.50	18.28	2.78	23642	31	<0.1	18	- creamy-gray, mud clay alt'd @ 15.50 - 15.75
																9	containing large sub-alt'd clasts (>1 mm Ø) + massive hematite staining
																	- all else: green soft core
																	- minor silicified sand (wk) @ 17.90 (2 mm w, sublt. green) within intslv sericitized intsl
																	- 1 whole core pcs
				P			P			18.28	20.28	2.0	23643	75	<0.1	39	- mud to intslv clay alt'd
																9	- 2 whole core pcs (<12 cm)
				M			-P			20.28	21.40	1.52	23644	95	<0.1	69	- rhyolitic texture more evident in this intsl @
				P												9	20.28 - 21.35
																	- intslv clay alt'd @ 21.35 - 21.80
																	- 10 whole core pcs (<19 cm)
				P			P			21.80	23.30	1.50	23645	61	<0.1	79	- soft, green core
																9	- 1 whole core pcs

Hole No. 25-95-124

Page No. 3-2

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		% RCVRY
				D						23.30	24.60	1.50	23646	69	<0.1	89	clay vrl @ 24.55 (sub 1/1, 1-4 mm w, 20 cm l.)
																9	mod to int. clay al'd over core
																	- 1 whole core pc (12 cm)
				M			D			24.80	26.30	1.50	23647	108	0.1	94	mod. int. clay al'd
				P												9	- 2 whole core pcs (L 20 cm)
				M			D			26.30	26.82	0.52	23648	116	<0.1	81	green mod to int. clay al'd soft core
				P												9	- black seam @ 26.60 (sub 1, 5 mm w) w/ py (~5%)
																	- black seam @ 26.75 (sub 1, 1 cm w)
																	- 1 whole core pc (5 cm)
26.82	27.96	HVB	W	F		M				26.82	27.96	1.14	23649	176	<0.1	81	dk gray, vitric matrix, abundant lapilli clasts
																2	(~4 mm ϕ) + bombs
																	- yellow clay al'd bomb? (w/ weak clay banding, 6 VN, + silification along 6 VN) @ 27.20-27.39
																	- pink al'd bomb @ 27.30-27.96
																	- 6 VN @ 27.25 (sub 1, 1-3 mm w) w/ silification
																	min both sides
																	- 3 whole core pcs (L 11 cm)
27.96	48.15	RHY															- fine-grd lt green-white @ 27.96-51.20
																	- " " creamy-gray, w/ orange oxidatn @ 51.20-56.40
																	- lt. cream-gray @ 56.4 on

Hole No. GC-95-174

Page No. 4-2

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
						M	2			27.96	29.5	1.54	23650	81	<0.1	96	- pinkish + green @ 27.96 - 28.15
																5	- ObVN @ 28.26 (30°, 1-4 mm w, 2 cm l)
																	28.50 (30° 2 mm w, 5 cm l)
																	Fract: 30° (6 fets); 70-80° (1 fct)
																	- int. clay alt'd (soft) @
																	- 9 whole core pcs (L 24 cm) 29.0 - 29.03
																	- sevict. more intense along fractures
						M	2			29.5	29.87	0.37	—			100	
																7	
							7			29.87	31.0	1.13	23651	123	0.1	90	- intly clay alt'd @ 29.90 - 30.0 (greenish, soft
																7	bands alternating w/ gray, silicified bands)
																	- pink staining @ 30.0 - 31.0 w/ green patches
																	- sudden increase in py
																	- 5 whole core pcs (L 16 cm)
																	- Fract: 30° (2 fets); subv (2 fets)
						M	5			31.0	32.50	1.50	—			75	- dk gray seam @ 31.40 (30° 5 mm w, 8 cm l)
																7	- black seam (C-rich) @ 31.65 (45°, 2 mm w)
																	- gray VN @ 31.90 (subv, .5 - 2 cm w, 30 cm l)
																	- intensly clay alt'd @ 32.35 - 32.50
																	- Fract: 30° (7 fets); 70-80° (2 fets)
																	- 10 whole core pcs (L 14 cm)
						M	7			32.50	34.0	1.50	23652	146	0.1	83	- intensly clay alt'd (soft, green) @ 32.66 - 32.91
																5	- black staining thru rest of interval
																	- dk gray seam @ 32.60 (60°, 3 mm w)

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[illegible]

Hole No. GC-95-174

Page No. 6

Footage		Rock Type	Alteration							Assays						RCVRY	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		M	TR			38.50	40.0	1.50	-			96	- py in var. size streaks
																3	- wk hemat staining - fine - 1st
																	- orange streaks - 2nd - 1st
																	- Fract: 45° (2 fcts)
																	- 8 whole core pcs (< 30 cm)
																	- 16 lens @ 39.70 (subd discontinuous)
				M		M	TR			40.0	41.50	1.50	23655	66	20.1	97	- int. clay alt'd @ 40.50 - 40.70; 40.85 - 41.50
				F												7	- (v. soft green clay)
																	- Fract: 60° (1 fct)
																	- textures + structures partially to completely alt'd
																	- 3 whole core pcs (< 16 cm)
				F		M	I			41.50	42.92	1.48	-			100	- mod clay alt'd @ 41.50 - 41.60
																5	- Fract: subv (1 fct)
																	- 6 whole core pcs (< 26 cm)
			W	F		M	2			42.92	44.50	1.58	23656	53	0.1	89	- white patches among green (sericitized) areas: wkly
																3	- silicified
																	- brown-green silicified blotches (few .5-1 cm)
																	- most @ 43.60 - 43.70
																	- wkly bx VN @ 43.88 (30° 3cm w) dk grey matrix,
																	- breaking through white rhy fragments
																	- Qz/lb strgr @ 43.0 (subd to 30° wavy, 1mm w, 6cm l.)
																	- py concentrated along fracts
																	- Fract: 60° (3 fcts)
																	- 8 whole core pcs (< 40 cm)

Hole No. GC-95-174

Page No. 21

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
						M	S			44.50	46.0	1.50	-			33	- black stringer in part of int'l (2 v. small)
																7	- brown siliceous staining @ 46.0 (small blotches)
																	- Fract: 30-90° (4 fcs); 30° (3 fcs); subv. (1 fcs)
																	- 9 whole core pcs (L 22 cm)
						M	S			46.0	47.5	1.50	23652	118	0.1	95	- Fluorite v. int'l 46.25 (subv. 1.3 mm w, 10 cm) blue
																7	- mod. to int'l clay alt'd @ 46.55 - 46.58 (soft core)
																	46.70 - 46.75 (v. bk core)
																	- Fract: 30° (3 fcs); 60° (1 fcs)
																	- 93 string @ 47.40 (60° < 1 mm w) v. indur
																	- 12 whole core pcs (L 16 cm)
						M	S			47.5	48.15	0.65	-			98	- Fract: 30° (1 fcs)
																3	- 3 whole core pcs (L 40 cm)
48.15	55.52	BX zone															- 3x texture (dk grey matrix around + through v. angular clasts) partially obliterated by clay alt'n
																	- greenish-grey rhy @ 48.15 - 51.20
																	- brownish-orange stained @ 51.20 on
						M	M	3		48.15	49.65	1.50	23652	115	0.1	100	- greenish w/ bx texture (especially @ 48.40 - 48.60)
																7	- intense clay alt'd @ 49.65 - 48.90
																	- fluorite thrt. int'l (sparse)
																	- Fract: 60° (2 fcs); 70-80° (2 fcs)
																5	- dk grey fine gr. vitric int'l @ 48.45 - 48.50 w/
																2	coarsening uphole bx texture
																	- hemat. blotches @ 48.27 - 48.35
																	- 7 whole core pcs (L 19 cm)

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Page No. 8-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 8-21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				M		M	S			49.65	51.15	1.50	23659	225	<0.1	98	Cl VN @ 50.2' (60° 4mm w)	
																7	50.55 (sub 11 3mm w 3cm l)	
																	+ several strays @ 51.0-51.15 (most sub 1mm)	
																	intly clay alt'd @ 51.70-52.0 (1.5 soft)	
																	dk grey bomb? @ 51.0-51.15 (contains Cl strays)	
																	fract 60° (4 lts) 45° (3 lts)	
																	5 whole core pcs (< 30cm)	
				M			W	TR		51.15	52.65	1.50	23660	115	<0.1	99	cream-grey colour, w/ orange staining	
																7	blue-green fluorite (sparse, thrt intl)	
																	Cl VN @ 51.25 (sub 1 3mm w)	
																	51.30 (60° 4mm w)	
																	51.60 (6k core, unknown orient)	
																	52.50 (20° 5mm w, 7cm l)	
																	52.60 (60° 5mm w)	
																	2 whole core pcs (< 15cm)	
				M				TR		52.65	54.15	1.50	23661	192	<0.1	97	py along orange strays	
				P												9	intensely clay alt'd @ 52.65-52.80, 63.20-63.50	
																	54.05-54.15	
																	cream-grey, orange stained thrt intl	
																	rhy texture observable @ 52.85-53.10	
																	Cl strays (few thrt intl various orient)	
																	5 whole core pcs (< 14cm)	
										54.15	55.52	1.37	23662	78	<0.1	84	creamy-grey orange stained	
																9	int. clay alt'd @ 54.90-55.10, 55.30-55.48	
																	fluorite (sparse, thrt intl blue)	
																	6 whole core pcs (< 18cm)	

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Page No. 9-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
55.52	58.74	RHY															cream bluish-grey clay w/ yellowish-brown clay alt'n
																	- yellow brown patches
																	- fairly unalt'd
					M		TR			55.52	57.0	1.48	23663	26	<0.1	84	- sparse, small (<1 mm) hemat. specks
																7	cb VN @ 56.14 (30°, 8 mm w, 7 cm l.) w/ hemat.
																	56.20 (20°, 5 mm w, 8 cm l.)
																	(cb + hemat VN @ 56.65 (60°, 2 mm w))
																	- Fract: 30° (2 fets); sub 1/2 fets)
																	- 7 whole core pcs (< 28 cm)
					M		TR			57.0	58.50	1.50	—			91	cb VN @ 57.25 (sub 1, 8 mm w)
																5	- hematite specks thrt. intl
																	Fract: 30° (4 fets)
																	- 9 whole core pcs (< 19 cm)
					M	W				58.50	60.0	1.50	23664	77	<0.1	97	cb VN @ 58.82 (30°, 1.5 cm w, 6 cm l.)
																3	mod. clay alt'd @ 59.0 - 60.0 (white clay alt'n, hard core)
																	- hemat. specks @ 59.40 - 59.80, w/ cb
																	- 6 whole core pcs (< 40 cm)
										60.0	61.50	1.50	—			93	bluish grey, w/ hemat. specks
					M	W										5	cb strays @ 61.35 - 61.50 (most sub 1, < 1 mm w.)
																	Fract: 30° (2 fets); 70-80° (1 fct)
																	- 7 whole core pcs (< 26 cm)

Hole No. GC-95-174

Page No. 10-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M	M					61.50	62.0	1.50	23665	39	<0.1	86	Mainly cb stringers thrt intvl (most @ 30°)
																5	hemat. specks are elongated + oriented @ 45°
																	@ 62.20 - 62.45
																	cb VN @ 61.90 (30°, 4mm w, 2cm l.)
																	- 10 whole core pcs (L 20 cm)
				M	M					63.0	64.50	1.50	-			91	- Low cb stringers (most @ 30° - 60°)
																5	- hemat. specks thrt. intvl
																	cb VN @ 63.54 (sub//, 2mm w, 4cm l.)
																	Fract 30° (2 fets); 80° (2 fets)
																	- 10 whole core pcs (L 20 cm)
				M	M					64.50	66.0	1.50	23666	61	<0.1	82	- bluish @ 64.40 - 65.30
																5	- cream-grey @ 65.30 - 66.0
																	- hemat. specks thrt. intvl
																	cb VN @ 65.06 (sub//, 2mm w, 4cm l.)
																	- Fract. 30° (3 fets); 45° (2 fets)
																	- 7 whole core pcs (L 36 cm)
				M	M					66.0	67.5	1.50	-			78	- cb stringers thrt. intvl (various orient)
																5	- cb VN @ 66.90 (sub//, 5mm w, 10cm l.)
																	- hemat. specks thrt. intvl
																	- Fract. 30° (5 fets)
																	cb VN @ 66.08 (30°, 3mm w, 7cm l.)
																	- 10 whole core pcs (L 26 cm)

Hole No. GC-95-174

Page No. 11-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
											</						

Hole No. GC-95-17

Page No. 12

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC-95-17
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 12
				M	W													
										73.50	75.0	1.50	23671	34	<0.1	92	- 10 whole druses (silicified ~ 1 cm x 2 mm w)	
																5	- few thrt. intl	
																	- 10 strays thrt intl. (various orient)	
																	- Fract: 30° (2 fcts)	
																	- 12 whole core pcs (< 17 cm)	
										75.0	76.50	1.50	23672	81	<0.1	90	- 10 VN @ 75.0 (sub 1, .5 - 3 mm w, 36 cm l)	
																7	- few hemat. specks	
																	- bluish tint core @ 76.0 - 76.50	
																	- 11 whole core pcs (< 26 cm)	
										76.50	78.0	1.50	23673	47	<0.1	100	- white rhy, w/ a: subtle bluish tint	
																5	- 10 strays thrt. intl (various orient)	
																	- 10 VN @ 77.57 (sub 1, 2 - 7 mm w, 20 cm l)	
																	- druses filled w/ bluish cryptocrystalline min.	
																	- 10, rhy, hemat.; most @ 76.75 - 77.26	
																	- Fract: 30° (5 fcts); 70-80° (4 fcts)	
																	- 10 whole core pcs (< 26 cm)	
				F	W					78.0	79.50	1.50	23674	43	<0.1	80	- 10 VN @ 78.76 (sub 1, 4 cm w) w/ wk silicification	
																7	- of downhole border	
																	79.40 (45°, 1 cm w)	
																	79.40 (20°, 2 mm w, 10 cm l)	
																	- Fract: 20° (1 fct)	
																	- 10 whole core pcs (< 20 cm)	

Hole No. 60-95-174

Page No. 13-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M	M					79.50	81.0	1.50	23675	65	<0.1	96	- abundant druses w/ irregular outline, 1-2 cm d
				F												5	@ 79.60 - 79.90, filled w/ chalcedony, py, ch, hemat
																	- Fract: 45° (2 fcts); 20° (2 fcts)
																	- Cb strags @ 79.50 - 79.90 / most @ 45°
																	- 11 whole core pcs (L 14 cm)
				F						81.0	82.50	1.50	23676	36	<0.1	69	Cb VN @ 82.0 (sub //, 1-4 mm w, 50 cm l.) branching
																9	out in several directions
																	Fract: 70-80° (3 fcts); 45° (12 fcts)
																	- 10 whole core pcs (L 32 cm)
																	- v. few druses
										82.50	84.0	1.50	23677	7	<0.1	59	- Cb strags thrl. intl (various orient.)
																9	- Cb VN @ 82.50 (sub //, 2 mm w, 15 cm l.)
																	83.43 (sub //, 4 mm w, 57 cm l.)
																	+ wkbby zone @ 83.43 - 83.60
																	- lt grey v. fine. gd rhy.
																	- 6 whole core pcs (L 16 cm)
				W						84.0	85.50	1.50	23678	48	<0.1	61	qz/Cb strgr @ 84.27 (sub //, 2 mm w)
																9	85.50 (45°, 4 mm w)
																	- wkbly silicified band @ 85.25 (45°, 1 cm w)
																	- Cb strags thrl. intl / most sub // to 60°
																	- 9 whole core pcs (L 20 cm)

Hole No. GC-95-174

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Footage		Rock Type	Alteration							Assays					% RCVRY	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	14-2
									3		85.50	87.0	1.50	23679	30	<0.1	89	orange staining (Cb alt'n) @ 86.70 - 87.0
																	7	Qz/Cb strays @ 85.60 (45°, <1 mm w)
																		85.95 (Sub//, 2 mm w, 4 cm l.)
																		Qz VN @ 86.0 (20°, 5 mm w, 5 cm l.)
																		- several Cb strays (most @ 30°)
																		- cream-grey coloured rhy; no phenox
																		- 11 whole core pcs (<32 cm)
				M	W						87.0	88.5	1.50	23680	27	<0.1	90	white, mod. clay alt'd core w/ orange (Cb) staining
																	7	Cb VN @ 87.05 (45°, 3 mm w)
																		87.30 (Sub//, 2 mm w, 8 cm l.)
																		Fract. 60° (2 fcts); 30° (1 fct)
																		13 whole core pcs (<20 cm)
				M	W						88.50	88.78	0.28	—			100	white, mod clay alt, Cb-stained
																	3	Fract. 20° (3 fcts)
																		1 core pc (28 cm)
86.78	89.50	RHYP									88.78	89.50	0.75	23681	42	0.1	93	med. grey 93-eye morph
																	3	phenox : 1-10 mm d
																		- green alt'd phenoxs
																		- flow banding (70°)
																		- 5 core pcs (<18 cm)
89.50	91.87	RHY																white, mod-wk clay alt'd fine-grd

Hole No. GC-95-174

Page No. 15-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M		w	S	I		89.50	91.0	1.50	23682	143	0.1	72	white, w/ v. subtle greenish tint
																7	- sudden increase in py content
																	Qz/Cb VN @ 90.63 (30°, 2 cm w, 10 cm l.)
																	Fract: 30° (16ct)
																	- 8 whole core pcs (< 23 cm)
				M	w	w	S			91.0	91.87	0.87	23683	75	0.1	95	white, w/ greenish areas
																5	- green VN @ 91.20 (45°, wavy, 4 mm w)
																	- 5 whole core pcs (< 30 cm)
91.87	92.80	BX zone		M		M				91.87	92.80	0.93	23684	64	0.1	100	BX texture (black matrix cutting through lithic fragments) mod. clay alt'd
																5	4 core pcs (< 42 cm)
92.80	94.20	RHY															white, mod. clay alt'd @ 92.80 - 100.93
																	- hemat. stained @ 100.93 - 105.15 (py-rich)
				M		w	F			92.80	94.30	1.50	23685	68	0.1	85	white, w/ greenish tint
																5	12 whole core pcs (< 23 cm)
				M						94.30	95.80	1.50	23686	47	0.1	100	white, mod'ly clay alt'd fexl. intl
																3	- black bands @ 94.40 (3 black bands @ 30° .5 to 2 cm w.)
																	- 95.72 (45°, 3 cm w.)
																	- many clay shars @ 94.70 - 95.0
																	- intense clay alt'd @ 94.86 - 95.0
																	- 10 whole core pcs (< 38 cm)

Hole No. 6C-95-174

Page No. 44-

Footage		Rock Type	Alteration							Assays						% RCVRY	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		w				95.3	96.8	1.50	-			27	white mod. clay all'd	95.35-96.15
																7	v. fine gr. white clay all'd @ 96.55-96.80	
																	intense clay all'd @ 96.55-96.80	
																	11 whole core pcs (< 19 cm)	
				M		w				96.90	98.30	1.50	23662	80	0.1	23	white rhy w/ v. subtle greenish tint	
																5	intense clay all'd @ 98.15-98.20 (w/ black soft clay surrounding white less all'd rhy)	
																	black "clay" band (pyrit) @ 96.93 (60° 1cm w.)	
																	Fract- 20° (1 fct); 30° (3 fcts); 60° (2 fcts)	
																	8 whole core pcs (< 26 cm)	
				M				5		98.90	99.20	0.90	-				v. fine gd, white rhy, mod. clay all'd (rough surface, but resistant core)	
																	black banding @ 98.75 (subd, 3mm w)	
																	py-rich rhy starts @ 98.81 (just downhole from black band)	
																	orange strags (most @ 60°, < 1 mm w) @ 99.50-99.40	
																	Fract- 20° (1 fct); 30° (2 fcts); 60° (3 fcts)	
																	6 whole core pcs (< 12 cm)	
99.20	100.38	BY ZONE	P				5			99.20	100.38	1.18	23698	143	0.1	63	soft, severely all'd, white	
																9	orange strags still visible (@ various orient.)	
																	All structures obl't.	
																	11 whole core pcs	
100.38	105.17	RHY															pinkish colour, v. fine gd, py-rich (20-30°)	
																	greenish - @ 101.63-102.16	
																	w/ hemat. + Cb VN	

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. 6C-25-174 Page No. 17-21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				M		M				100.38	100.91	0.43	—			100	lt. greenish white	
																7	mod. int. clay alt'd @ 102.06 - 102.16	
																	Fract. 60° (2 ft + 5)	
																	6 whole core pcs (< 48 cm)	
									20	102.81	102.3	1.49	23689	64	0.1	100	pink staining (hemat.)	
																3	- Cb VN @ *101.95 (30°, 2cm w, 11cm l.)	
																	- black & white clay (soft) band @ 101.22 (38° 1cm w)	
																	- Fract. 30° (3 ft + 5)	
																	- 7 whole core pcs (< 30 cm)	
									20	102.30	103.20	1.50	23690	96	0.1	87	pink hemat stained	
																5	- Cb VN @ *102.70 (sub V, 1cm w, 30cm l w/ massive hemat.	
																	103.60 (sub V, 2mm w 4cm l w/ hemat.	
																	- mod. grey clay seam @ 103.67 (60°, 1cm w)	
																	- Fract. 30° (1 ft + 2)	
																	- 8 whole core pcs (< 50 cm)	
									20	103.80	105.17	1.37				81	pink hemat stained	
									5							7	int. clay alt'd @ 104.20 - 104.35, 104.95 - 105.05	
																	py content decreasing down core from 15% to 45%	
																	Fract. 30° (2 ft + 5) - 105° 2 ft	
																	- 7 whole core pcs (< 25 cm)	
105.17	109.20	CLD															dk brown-grey matrix w/ xenocrasts (60° X)	
		TJFC															up in 2.5 cm & bombs	

Hole No. 60-95-1711

Page No. 45

Footage		Rock Type	Alteration							Assays						% RCVRY	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			
							TR			106.12	106.70	1.50	23692	57	<0.1	55	Qz VIB. 106.30 (60° 2mm w)	
																5	106.35 (subd 21mm w)	
																	felsic matrix @ 105.50 (15mm and sericite all + rhomb)	
																	- 106.0 (5mm)	
																	- 106.40 (clay + sericite all + 30mm)	
																	- 11 whole core pcs (20cm)	
																	- Fract 45° (10cm)	
							W	TR		106.70	108.20	1.50	23693	31	<0.1	27	weakly welded / eutaxitic texture @ 106.70-107.14	
																5	- rhombic dark/brown? @ 107.14 - 107.78	
																	(11. greenish - white w/ some flow banding)	
																	- eutaxitic texture not observable @ 107.78 - 108.20	
																	- 2 whole core pcs (231cm)	
								TR		108.20	109.70	1.50	—			72	- white rhomb bomb / unaltd, v. smooth surface	
																7	v. fine-grd @ 108.50 (17cm)	
																	advanced sericite all + of felsic lithic clasts	
																	- Fract: 70-80° (2 fets); 30° (2 fets)	
																	- 9 whole core pcs (420cm)	
109.70	112.20	RHY					5										white, v. fine-grd w/ v. wk sericification (slightly greenish tint)	
		HYKE?															- felsic minis barely stand out on white gdmass	
							W	7		109.70	111.20	1.50	23694	39	<0.1	97	Fract: 60-70° (3 fets); 30° (2 fets)	
																5	- 13 whole core pcs (233cm)	
																	- 1 rough surface (v. wk clay all)	

Hole No. 66-95-174

Page No. 21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. 5C-95-174
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 21
										111.20	112.70	1.50	—			37	- bright orange mineral along fractures	
																9	- Fract 30° (2 fts) - 70-90° (6 fts)	
																	- 2 whole core pcs (L 20 cm)	
				M			W	S		112.70	114.20	1.50	23695	77	<0.1	56	- coarser grained rhy @ 112.30-113.20 more	
																9	- sericitized	
																	- mod clay alt'd bt core Hwt. int'l	
																	- Fract 45° (2 fts)	
																	- 5 whole core pcs (L 9 cm)	
				F			W	TR		114.20	115.70	1.50	23696	93	<0.1	73	- tuff int'l @ 114.20-114.47 (black matrix lapilli, ash clks)	
																7	- rhyolite 30° flow banding (sericit alt'd bands along flow bands) g3 eye texture	
																	- mod clay alt'd @ 115.21-115.36	
																	- Fract 30° (2 fts)	
																	- 6 whole core pcs (L 22 cm)	
				F			W	TC		115.70	116.0	0.30	—			100	- Rhyolite w/ 30° flow texture	
																5	- 2 core pcs (L 18 cm)	
										116.0	117.50	1.50	23697	34	<0.1	91	- tuff @ 116.0-116.35 (w/ cb VN) w/ purple fluorite & ash	
																5	- fine-grained clay alt'd, yellowish-cream rhy @ 116.35-117.50	
																	- cb VN @ 116.77 (sub 11, 3 mm w, 12 cm l)	
																	117.35 (30°, 1 mm w, 10 cm l)	
																	- porphyritic rhyolite texture with preserved @ 116.90-117.02 (gray glass + orange alt'd phenocrysts 2 mm Ø)	
																	- 10 whole core pcs (L 21 cm)	

Hole No. 60-95-174

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
112.50	122.23	CLP															- dr. green matrix w/ lapilli + 2mm clasts
		TUFF															- tan dyke @ 117.80 - 118.66 w/ chert (23cm) full int.
																	- C-rich matrix @ 118.66 - 119.66
																	- red-brown matrix @ 120.75 - 122.83
										112.50	118.83	1.33	23698	25	<0.1	83	- dk grey matrix w/ pumice + lithic fragments
																5	- hyp bomb @ 117.80 (15 cm)
																	- intly clay alt'd felsic bomb @ 117.95 - 118.13 (soft, white core texture obs'd.)
																	- hyp dyke/bomb @ 118.30 - 118.70 (flow banding ± C.A.)
																	- Fract. 45° (2 fts)
																	- 5 whole core pcs (< 28 cm)
										118.83	119.43	0.60	23699	33	<0.1	100	black, C-rich, v. fine matrix
																3	- orange subrounded clasts @ 118.83 - 119.14
																	- normal unaltered (mostly green alt'd) clasts @ 119.14 - 119.43
																	- 3 core pcs (< 28 cm)
										119.43	120.75	1.32	-			100	dk grey matrix tuff
																5	- minor cl. strays @ 119.60 (30" discontinuous lenses) 119.70 (sub/ 1mm w/ 14cm l.)
																	- Fract. 30° (5 fts)
																	- clasts get larger + more rounded downhole
																	- 7 whole core pcs (< 28 cm)

[illegible]

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: GC-95-175		Grid: RAT CREEK		Claim: CANYON 9 / YA 75725		Page 1 of 7											
Depth: 122.83m		Coordinates - Northing 94625		Bearing: 028° / Grid N		Date Started: August 24 1995											
Angle: -50°		- Easting: 114225E		ELEVATION: 770m		Date Completed: August 26 1995											
Core Size: HQ		Dip Tests:		Drilled by E Carson D.D. / V.A. D.D.R.		Logged By: Robert Stroshem											
Footage		Rock Type	Alteration								Assays					% RCVRY	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	6.10	OVBS													*		Glacial till, boulders & clay
															No Silver Analysis		
6.10	9.20	CLP Tuff				Orange weathering											Coarse lapilli fragments of gfp in light grey crystal matrix
										6.10	9.20	3.10	23209	5		60%	CLP with surface oxidation of chlorite in tuff.
9.20	18.75	CLP Tuff				Capillaries gfp and fine clasts, porous and seds											15.75-18.90m - bed of grey green fgs with vls. up to 4% lower cl. micaceous at 23°C. 17cm Br. black Br. vitri tuff at lower end of Unit (Frag.) Black shale, porous and gfp in matrix
						W.			W.	9.20	12.00	2.80	23210	25		80%	Light tan weathering of talciferous ss and granite
									W.	12.00	13.50	1.50	23211	5		100%	Clay weathering in local seams. Core is broken
						F	W.			13.50	15.00	1.50	23212	10		100%	Minor clay weathering - talciferous, w/ patchy vesic. alt'n of gfp clasts minor clay weathering. white matrix silic covs.
						F	W.		W.	15.00	16.50	1.50	23213	16		100%	Weak alt'n (very weak) Clay weathering broken up
						F			W.	16.50	18.75	2.25	23214	6		75%	Local clay weathering. Very weak. Feldspar to clay

Hole No. GC-95-175

Page No. 2 of 7

Footage		Rock Type	Alteration							Assays					% RCVR	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
18.75	26.50	RHY															Flow breccia & rhyolite in dist. of matrix. upper end of section. Unit consisting of coarse to medium grained vibrant green glass (alt. 100% of 100%) and a matrix of dark or (caric section) spineliferous fine grained buff. Both up to 10 cm diam from 21.0 - 22.65m / 24.20 - 24.85m 50% Pr

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 3 of 7
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										32.50	34.15	1.65	23220	<5		100%	Heterolithic lapilli tuff	
34.15	35.30	INT VOLC Bx															light creamy buff grey porphyritic intermediate volcanic Bx with dark reddish purple matrix which forms a stringer streakwork through core.	
										34.15	35.30	1.15	23221	<5		100%	Volc Bx with hematite matrix in clasts	
35.30	59.85	Heterolithic INT VOLC.															Variable volcanic clasts in dark grey matrix and carbonaceous to graphitic Bx. Clay weathered Bx at approx. 8 m @ 75°	
																	Clast dominant bedrock to 1 m hematite clast. Very large lapilli clasts. Clay weathering broken core comes	
									W	35.30	36.80	1.50	23222	<5		100%	Clay weathered contact zone.	
									W	43.95	45.90	1.95	23223	<5		90%	Rusty red hematite in matrix of tuff locally clay weathered.	
									W	48.00	49.50	1.50	23224	<5		100%	Clay weathered with fine seams of clay. Large clast centered in weathered. Weathering appears to be controlled by matrix dominant bedrock	
									W	49.50	51.00	1.50	23225	<5		100%	Clay weathered interval continued.	
										57.00	58.00	1.00	23226	<5				

Hole No. GC-95-125

Page No. 6 of 7

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	% RCVR	
										87.00	88.50	1.50	23244	<5		45%	Minor clay weathering
										88.50	90.00	1.50	23245	<5		100%	Minor clay weathering same. Row test indicates clay.
										90.00	91.50	1.50	23247	<5		90%	Minor clay weathering
91.40	122.83	LITVIC TUFF		Quartz					Pyrite								perimeter, dip, zeds. Purified lithic clasts sandy, some not - iron ore. Very abundant to sub rounded. Clasts dominantly 1/8" to 1/4" crystal tuff is fine grained and medium grey. Lignite with fragments microscopic down the section.
										91.50	93.00	1.50	23248	<5		100%	Minor grey clay seams narrow.
										96.00	97.50	1.50	23249	<5		100%	Two narrow seams of grey clay. Sub // fracture
										100.50	102.00	1.50	23250	<5		100%	Weak clay weathering minor clay seams
										103.50	105.00	1.50	23251	<5		100%	Weak clay weathering sub // fracture, minor clay seams
										105.0	106.0	1.0	24356	<5	<0.1	100%	Descriptions at end of log.
										108.00	109.50	1.50	23252	83		100%	Broken core moderate clay weathering increasing down log.
										106.0	107.0	1.0	24357	<5	<0.1	48%	Descriptions at end of log.
										109.50	111.00	1.50	23253	8		90%	Strong clay weathering clay seams @ 58°C.H.
										107.0	108.0	1.0	24358	<5	<0.1	23%	Descriptions at end of log.

Hole No. GC-95-175

Page No. 7 of 7

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 767
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
									W	111.00	112.50	1.50	23254	<5		100%	Strong clay weathering, clay cement and matrix weathered
									W	112.50	114.00	1.50	23255	<5		100%	Moderate clay weathering, clay cement and matrix weathered
										115.50	117.00	1.50	23256	<5		100%	Compacted core, lapilli clay cement with beach weathering
										117.00	118.50	1.50	23257	<5		100%	Compacted core, lapilli clay cement with beach weathering. Plaster and left bed 5-70cm @ 25° or 56° C.A.
	</																

Page No. 12-31115

[illegible]

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No.: GC-95-176		Grid: RAT CREEK		Claim: MOUNTAIN 10 / YA 75726		Page 1 of 15												
Depth: 124.36 m		Coordinates - Northing 9+42511		Bearing: 020° / GR10 / 100m		Date Started: August 26, 1995												
Angle: -50°		- Easting: 11 + 100 E		ELEVATION: 792 m		Date Completed: August 28, 1995												
Core Size: NQ		Dip Tests:		DRILLED BY: E. Cannon DD / VALCO		Logged By: J.L.F.												
Footage		Rock Type	Alteration							Assays						% RCVRY	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	4.70	OVRD																
4.70	42.0		HETEROLITHIC VOLC BRECCIA															Black matrix
																		Intensely clay altered; few clasts still recognizable
42.0	42.35	COAL								42.0	42.35	0.75	23481	<5	0.4			Black coal, finely banded, containing (6 stringers in several orientations
																		V. bk core
42.35	43.77	METACLASTIC V. BY								42.35	43.77	1.72						Int. - mafic volcanic by
																		- clasts range from ash size (<1mm) to lg bombs / blocks (up to 27cm Ø) sub to subrounded
																		- clast composition: rhyolite (lg bombs), mafic vol + az (lapilly size)
																		- Cb VN @ 43.15 (25° 1cm w, 9cm)
																		- alt'n varies w/ clast composition: rhyolites are greenish (sericite alt'd) or white (kaolinized)
																		- Cb stringers (most @ 20-30°)
																		- Cb alt'n concentrated in clast borders
43.77	44.90	ASH TUFF																49 - light grey, fine ash w/ rare small (<3mm) clasts discernible
																		9 - Flows by fire (sub) @ 43.9 - 44.12 (25°)
																		- contains irregular black areas @ 44.50 - 44.65

Hole No. GC-25-176

Page No.

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	brn. sand @ 44.90 - 45.90
																	Cl. str. 4.5" in. 1.5" to 2.0"
44.90	55.75	HVA	(Hydrothermal volcanic breccia)													55.	Cr. in. 1.5" to 2.0"
				F		M	TR	P	W								Shear by zone @ 44.90 - 45.25 - 45.90 - 46.02
							C		CB								50.50 - 51.25
																	felsic d. cor. (or v. large bombs?) @ 54.25 - 54.65
																	55.10 - 55.63
																	Clay alt'n @ 46.39 - 46.49 (clay bomb?; white clay alt'n - kaolinized, muddy aspect)
																	46.50 - 46.83 (moderate, pk. core, w/ purple fluorite)
																	46.83 - 49.73 (intense, white clay alt'n, unbk. core)
																	50.45 - 50.60 / clay alt'n, searn, white @ 30°
																	2-3 cm w.)
																	52.83 - 53.25 (mod. white clay alt'n)
																	53.90 - 54.10 (mod. clay alt'n; soft, but preserved original colour)
																	54.75 - 55.10 (SAP 13)
																	Fractures: 65-80° (5 fets); 45° (3 fets); 60° (2 fets)
																	Purple fluorite (cryptocrystalline) replacing k. spars. along fractures on 55.6 alt'n (yellowish-br. colour) felsic bombs occurring along w/ py
																	Black ash-tuff bomb (or thin dke) @ 42.98 (12m w.)

Hole No. 95-172

Page No. 3

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole NO. 40-45-172	Page No. 3-13
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-H			S	L	41.93	42.40	2.55	23485	9	0.2	10	- Shorr by @ 41.91 - 42.25 (v. fine grained, chlorite, clay)		
																2	- Felsic clasts, v. fine gr. @ 42.45 - 42.85		
																	- v. intense clay alt'n @ 46.29 - 46.46 (white mud aspart.)		
																	- 200 m/s		
																	- 200 m/s (various orient.)		
																	- 4 whole core pcs (L 5 cm)		
				F	M	W		d	W	52.83	54.25	1.42	23483	25	0.2	92	- Derivatively clay alt'd HVB (soft, unbk core)		
																7	- Felsic clasts are the most intensively alt'd		
																	- black ash tuft @ 54.0 - 54.15 (relatively unalt'd)		
																	- locally, intense sericitization of felsics (between 93 X's)		
																	- 7 whole core pcs (L 55 cm)		
				F	M	W		d	W	54.25	55.52	1.27	—			100	- whole int'l clay alt'd (soft, unbk core)		
																5	- felsic dike @ 54.25 - 54.62 (v. soft clay alt'd)		
																	- thin, whitish-white colour, v. fine grained, chlorite, clay		
																	- colour (alt'n) banding + fractures @ 30°		
																	- contact w/ HVB @ 30°		
																	- felsic dike @ 55.10 - 55.25 (extremely soft; sericitized)		
																	- H-greenish - grey colour on surface, but		
																	blue-green (sericite alt'n) on fresh cuttings		
																	- fine grained, w/ banding + fractures @ 60°		
																	- HVB between the two dikes has mod. cb alt'n		
																	of felsic lithic clasts sericitized strags + cb alt'n		
																	surrounding most clasts; Mod. to intensely clay alt'd;		
																	2 fractures @ 70-80°, 1 fract @ 45°		
																	- 11 whole core pcs (L 18 cm)		

Hole No. 60-05-12

Page No. 4-13

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
55.75	57.0	LOAL			M			STV	Cx								75	- Black 1.5m
					STr												9	- Cb straws 1.5m from 55.75 - 57.0 (mostly 1.5m)
																		straws 1.5m from 55.75 - 57.0 (mostly 1.5m)
																		plagioclase observable which are 1-4 mm d
																		+ intense Cb all'd
																		- zone of Cb all'd (probably 1.5m from 55.75 - 57.0)
																		(1.5m from 55.75 - 57.0) (mostly 1.5m)
																		- 1.5m minor as straws 56.40 - 57.0 (mostly 1.5m)
																		- were missing (probably @ start or end of this interval)
																		- 6 whole were pos (2.5m)
																		- by zone @ last 0.5m w/ green fluorite + py
57.0	59.70	HVB																- contains 2 main types of felsic lithic bombs:
																		a) yellowish (Cb-all'd)
																		b) greenish (sericitized) containing felsic
																		clasts + Cb straws
																		- black ash iff / like black ash tuff unit but w/ "rougher"
																		surface @ 57.70 - 57.96 : this is not a bomb, because
																		@ the uphole from there are clasts that increase
																		in size it grades into HVB.
																		- light grey ash tuff @ 57.96 - 58.10 : irregular contact
																		w/ black ash + there are 14 grey clasts within
																		the black ash
																		- intense sericitization of HVB @ 59.10 - 59.38 (14 olive
																		green colour, possibly a felsic bomb, contains Cb all'd
																		(most @ 30°, 5-10mm w, 10mm)
																		- 26 blocks of rhyolite (tan colour) lined matrix containing ~3mm
																		pl x clasts of qz + all'd Kspars, v. similar to rhyolite

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 12
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				P	Str	IL				58.25	59.70	1.50	23484	6	0.1		78	
																	2	
59.80	60.70	RHY				P		S									92	
		DRK?															5	
60.80	61.52	HVB		F	W												83	
																	5	
61.52	62.0	RHY															100	
		DRK?															3	

Hole No. GC-95-176

Page No. 1

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		% RCVRY	
				P	M	M			W	72.82	72.63	0.75	23747	14	0.1		52	1.6X core 2 72.82 - 72.10 + 72.55 - 72.63
																	9	(6x 2m)
																		fresh HVE in between
																		-3 whole core pcs (< 9cm)
72.86	72.24	RHY							1								90	Dike or bomb?
		DYKE?															5	light to med grey fine-grd matrix w/ sparse felsic X clasts (px ~1%)
																		Flow banding @ 30°; structures @ 30°
																		minor cb strgs following flow banding direction
																		fairly unalt'd
																		4 whole core pcs (< 12cm)
79.24	79.40	HVB																small x + lithic fragments (< 2cm Ø)
																	9	1 whole core pc (3cm)
79.40	80.70	RHY		F	W	W	1-2										83	H. grey, fine grained matrix w/ felsic + mafic X clasts
		DYKE															9	(all < 3mm Ø) + rare lithic lapilli (< 4cm Ø)
																		Fract: 30° (2 fcls); 70-80° (2 fcls); subll (1 fcl.)
																		Glass seam @ 79.02 (30°, 1.5cm w, 12cm l.)
																		-Cb strgs tht intr
																		-fluorite VN@ 79.65 (Subll, 2mm w, > 70cm l.), purple
																		-6 whole core pcs (< 22cm)
80.70	81.10	HVB		M	M												86	-contains clasts similar to dikes above + below
																	9	-4 whole core pcs (< 10cm)

Hole No. 95-176

Page No. 7-13

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
81.10	81.40	KMY DICE				W											14 grey matrix, ~40% smt (44cm) felsic X clast (6 shows thrt intvl (several inclusions) Fract: 30° (34cm), 60° (34cm) 7 whole core pcs (< 12 cm)
82.40	83.81	HVB		F	M	W			W	82.40	83.81	1.41	23489	41	0.1		Intense clay alt'n @ 82.20 - 83.35 / bk core white, possibly a felsic bomb clay alt'n intense within felsic lapilli + bombs; wk to mod on sulf matrix *compare assay of this mod. clay alt'd intvl w/ intense clay alt'd intvl
83.81	84.35	COAL							W								60 9 Black finely laminated v. bk 4 whole core pcs
84.35	86.26	HVPB															52 9 wk to intense clay alt'n felsic bomb @ 85.10 (> 17cm Ø), bk core possibly a narrow dike 4 whole core pcs (< 13 cm)
86.26	86.95	COAL				M			W								51 9 severely bk core black w/ some green (sericit?) patches 8 whole core pcs
86.95	86.97	HVB		F	M	W											90 9 contains large (< 12cm Ø) bombs Fract. 30° (1.1ft) 4 whole core pcs

Hole No. GC 85-176

Page No. 13

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
86.92	87.30	RH DYKE				P										47 9	Green fine-grd matrix w/ w 30% clastic (2100' down) Cb stringers (few) thru interval Fract. 30° (2 frags) Possibly a v. large bomb, since 10 cm downhole there is a bomb in HVB w/ the same composition + 22 cm ϕ 4 whole core pcs (< 12 cm)
88.30	93.01	HVB							W								Intense clay alt'd @ 89.75 - 90.30; 92.05 - 93.01 - Felsic lithic bombs are generally more intensely alt'd - Ash tuft (black) bomb/dike @ 89.46 - 89.80
			P			M			W	89.75	90.30	0.96	23490	20	0.2	67 9	- Mod to intense clay alt'd - sericitic alt'd of rhyolite clasts - 3 whole core pcs (< 20 cm l.)
93.01	95.58	ASH TUFF															Fine grained intercalated white + black tufts All v. intensly clay alt'd - Black @ 93.01 - 93.67 : contains a lt. grey seam @ 93.40 (45°, 1.5 cm w) - White @ 93.67 - 93.87 - Black bk core @ 93.87 - 94.0 unbk @ 94.0 - 94.30 - White @ 94.30 - 94.75 - Black @ 94.75 - 95.0 - Dk grey @ 95.0 - 95.50 : contains many Cb stringers v. bk core @ 95.0 - 95.35

Hole No. GC-176

Page No. 10-13

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										94.75	95.58	0.25	23491	19	0.1	50	fine grained ash tuff w/ blk + mod. clay alt'd
																9	mainly cb strays @ 95.0 - 95.58 (various orient)
																	8 whole core pcs
95.58	100.67	RHYX		P		M			W							87	
		DYKE														9	- Severely alt'd interval (except for 100.15 to 100.67 where texture can still be observed)
																	pervasive clay alt'd
																	- white mica in a 2cm blk white lithic clast @ 95.72
																	- whole intvl has a lt greenish-white colour, w/ locally intense sericitization
										96.95	97.93	0.99	23492	36	0.1	76	- Greenish-grey colour
																9	- only 93 x left (rounded) all matrix alt'd
																	- 7 whole core pcs (< 15 cm)
100.67	104.45	RHYX		P		M	1-5									84	Overall reddish colour, rhyolitic bx?
																7	mod. to intsvly. clay alt'd
																	contains few cb strays (most @ 30°)
																	orange/red: cryptocrystalline, like jasper, opaque, hard
										102.67	103.59	0.92	23493	19	0.1	82	reddish colour (hematite)
																8	mod. clay alt'd
																	cb strays @ 45° (most)
																	- 6 whole core pcs (< 11 cm)

Hole No. GC-95-176

Page No. 12

Footage		Rock Type	Alteration							Assays					% RCVRY	Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
111.89	115.78	FL			M				W								75	- grey, matrix w/ small (2-3 cm) clasts of felsic + trachytic material
																	75	- felsic + trachytic material
																		- cb stringers (various orientations)
																		- drallo increase above alt'n: 112.92 - 113.10, 115.43 - 115.78
																		- Fract: 45° (2 clasts) 20° (2 clasts) 30° (1 clast)
																		- large (~2.5 cm Ø) replacement of matrix (116.60)
					"					112.51	113.69	1.18	25498	21	0.1		73	- intense clay alt'n @ 112.92 - 113.10
																	75	- caricatic alt'n of felsic lithic clasts
																		- moderate interstitial cb alt'n + cb stringers (various orientations)
																		- whole core pis (2.14 cm)
115.78	117.40	HVB															75	dark grey matrix + ash to bomb sized clasts, w/
																	9	an interval of lapilli-size clasts only @ 116.0 - 116.15,
																		followed by 1.5 cm (subt) of intense clay alt'n, then
																		typical HVB texture
																		- bomb @ 116.45 mod grey fine grained, 5 cm Ø w/
																		reaction rim (.5 cm w, black vitric)
																		- intense alt'n @ 116.60 - 116.90 (v. blk core)
																		- Bomb @ 116.90 (~200 mm Ø, black ash) w/ blocky
																		cb alt'n + cb stringers (various orientations)
117.40	118.10	RHY			M				TR								90	there is a grading from HVB (uphole) to RHY
																	7	- lt grey ash matrix ash to lapilli clasts, +
																		v. rare bomb clasts
																		- cb stringers (various orientations)
																		- Fract: 45° (2 clasts) 30° (1 clast)

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: GC-95-177		Grid: RAT CREEK		Claim: CANYON 10/1475726		Page 1 of 9												
Depth: 135.07m		Coordinates - Northing 94600 N		Bearing: 320° Large Abundant		Date Started: August 28, 1995												
Angle: -50°		- Easting: 114120 E		ELEVATION: 792m		Date Completed: August 30, 1995												
Core Size: ND		Dip Tests:		DRILLED BY: E. CARROLL D.D. / V.L. DOR		Logged By: Robert Strohschein												
Footage		Rock Type	Alteration							Assays						% RCVRY	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	33.53	OVB	Black silt + clayey glacial till rich in boulders and clay															
33.53	49.60	GABBR	Microgabro - boulders and textures massive															Intensely altered with extensive calcite stringer network
																		Unaltered section of dark green massive medium grained gabro 46.65 - 47.10 m flanked by extremely increasing carbonate and clay alteration
			Ac							33.53	35.00	1.47	23259	<5		70%	Intense clay altered feldspar groundmass with calcite stringer network	
			Ac							35.00	36.50	1.50	23260	<5		98%	As above	
			Ac							36.50	38.00	1.50	23261	<5		100%	As above	
			Ac							38.00	39.50	1.50	23262	<5		100%	✓	
			Ac							39.50	41.00	1.50	23263	<5		100%	✓	
			Ac							41.00	42.50	1.50	23264	10		100%	✓	

Hole No. GC-95-172

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										42.50	44.00	1.50	23265	6		100%	Intense clay alteration (acid leached) with calcite stringers
				Re						44.00	45.50	1.50	23266	<5		100%	✓
				Re						45.50	47.00	1.50	23267	<5		100%	Probably in a lateral transition zone with some calcite stringers & K-feldspar
				Re						47.00	48.50	1.50	23268	<5		100%	✓
				Re						48.50	49.60	1.10	23269	<5		100%	Intensely altered (acid leached) and calcite stringers & K-feldspar
49.60	66.50	Tuff	Heterolithic coarse lapilli tuff														Lapilli clasts of obs, pumice, shale in dark grey to black ash matrix
									W	49.60	51.00	1.40	23270	6		100%	Strong clay weathering of clasts & matrix
									W	51.00	52.60	1.60	23271	<5		100%	Weak clay weathering
										52.60	52.72	0.12	23272*			100%	Groundmass area of obs, breccia with chlorite & pumice 418°C on upper cut & TR-Fg dis. pos BND @ 700°C.A.
									W	52.72	54.25	1.53	23273	6		100%	Intense clay weathering, clasts & matrix
										54.25	55.75	1.50	23274	5		100%	Clay weathering. Breccia breccia calcite stringers in clay seam @ 54.35m.

Hole No. GC-95-177

Page No. 3/9

Footage		Rock Type	Alteration							Assays						% RCVRY	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						W	57.25	58.75	1.50	23275	10		100%	intense clay weathering, matrix of chlorite Sphalerite in clasts in a weathered matrix white qtz, clast is void in broken core at 57.25m.
				Ac						W	60.25	61.75	1.50	23276	18		100%	intense clay weathering, matrix of chlorite Sphalerite in clasts
				Ac						W	63.25	64.75	1.50	23277	13		100%	✓
				Ac						W	64.75	66.50	1.75	23278	12		100%	✓ Two sections from calcite void at 65.14m
65.50	72.10	DIOR GABBRO																intense pervasive clay alteration of micro gabbro with calcite streaks. Completely acid leached now solid calcite remains along rock much with + calcite veins
				Ac						W	66.50	68.00	1.50	23279	8		100%	intense acid leached clay weathered gabbro - diorite
				Ac						W	68.00	69.50	1.50	23280	<5		100%	✓
				Ac						W	69.50	71.00	1.50	23281	<5		100%	✓
				Ac						W	71.00	72.10	1.10	23282	6		100%	✓

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GREW CREEK PROJECT

DIAMOND DRILL LOG

KNOLL ZONE

Hole No.: GC-95-170		Grid: RAT CREEK		Claim: CANYON 15 YA75731		Page 1 of 8												
Depth: 148.74m		Coordinates - Northing 9+720 N		Bearing: 200° / GRID SOUTH		Date Started: August 14, 1995												
Angle: -50°		- Easting: 12+B12.5 E		ELEVATION: 820m		Date Completed: August 17, 1995												
Core Size: HQ / NQ at 36.58m		Dip Tests:		DRILLED BY: E. CARON DO / VAL D'OR II		Logged By: Robert Stroschein												
Footage		Rock Type	Alteration							Assays					% RCVRY	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	7.00	OVB													*		Clay sand and gravel.	
														Silver Not Analyzed		7250		
7.00	14.85	CARBON RICH SEDS															Dark grey to black sandstone, conglomerate, argillite and coal seams.	
																	Carbonaceous clastic sediments. Unit is strongly weathered from surface & coal seams appear to be of high grade but are generally very narrow at 10-20cm.	
14.85	15.70	CONG.															Clast supported conglomerate with clasts up to cobble size. Light grey green in colour. Intermediate between volcanic clasts with coarse sandstone and black shale.	
																	Solid competent core	
15.70	23.80	ORANGE OXIDIZED Pyroclastic															Orange weathering conglomerate as previous section occurs with oxidation and calcite on surface. Volcanic clasts are alluvial appear to be fairly recent but near surface.	
											15.70	17.20	1.50	23151	<5	*	99%	4-lin white to light grey carbonate stringers sub // to acute E.A. scattered along this interval.
											17.20	18.70	1.50	23152	9		100%	2-lin white xl calcite stringers (very fine) calcite clasts(?) at 18.6m with fine stringers.

Hole No. GC-95-170

Page No. 2 of 3

Footage		Rock Type	Alteration							Assays					% RCVRY	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
																	Local Gravel bedded. Low matrix. 40°
																	white sandstone. Low matrix. 50° plane (see photo)
										18.70	20.50	1.80	23153	<5		100%	Moderate orange alteration 1035m low grey brown carbonate string at 47° C.A.
										20.50	22.00	1.50	23154	<5		100%	patches of unaltered cong. Fine light brown calcite string at 21.05m.
										22.00	23.80	1.80	23155	<5		98%	Fine grey brown carbonate string at 22.85m @ 22° C.A.
23.80	25.80	Volcanic															Volcanic clast supported conglomerate with little matrix. This could be an agglomerate. Sed. clasts common.
25.80	26.30	VOLC. INT.															Tan to light grey intermediate to felsic volcanic bed. with CN @ 38° C.A. Contacts are irregular but broadly conformable to bedding.
										25.80	26.30	0.50	23156	<5		100%	Fine dark grey stringers with in tan section cross cutting at various attitudes. i.e.
26.30	34.75	VOLCANICLASTIC															Abundant pumice clasts decreasing down the section. Clasts of sediment and charcoal increase down section. Clasts more rounded down section. Fragments generally angular at top of interval. Intermediate volcanic clasts throughout.
										29.50	31.00	1.50	23157	<5		100%	Traces of fine grained grey carbonate stringers.

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 373
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
34.75	72.35	SANDSTONE																
		CONG																
		SHALE																
		BROS																
CORE REDUCED TO NQ @	36.50m																	
																	</	

Hole No. GC-75-170

Page No. 47-8

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 48
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
									W	77.35	78.10	0.75	23161	5		97%	Green and grey green clay - altered rhyolite contact zone. Weathering F/K	
									W	78.10	79.50	1.40	23162	<5		100%	Grey green quartz euge rhyolite clay weathering	
79.50	81.55	ASH TUFF															Dark grey to black ash tuff with abundant perminic fragments locally graded BWS. lower CN @ 60° C.A. Boulding at 72° C.A.	
81.55	86.15	CLP TUFF															Crystalline lapilli perminic tuff. Lapilli size fragments of g+p. Melted contacts. 25cm bed of flow banded tuff at contact. 65° C.A. on flow banding.	
			-	-	-	-	-	-	-	81.55	83.05	1.50	23163	<5		100%	Solid competent core.	
			-	-	-	-	-	-	-	83.05	84.55	1.50	23164	<5		100%	" " " "	
			-	-	-	-	-	-	-	84.55	86.15	1.60	23165	<5		100%	" " " "	
86.15	94.60	S&P Tuff							Cb								S&P tuff light to medium green with abundant fine clasts of calcite, perminic, sedimentary, felsic and mafic volcanics. Sericite and clay alteration on feldspar in felsic clasts. Fine grained white calcite stringers.	
									Cb	86.15	87.65	1.50	23166	<5		90%	Carbonate at weathered clay BWS 87.10 - 87.35m	
									W									

Page No. 5 of 8

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 5 of 8
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
			-	-	-	TR	-		Cb	87.65	89.15	1.50	23167	<5		90%	Carbonate at 14. 3-4 cm diameter white ls. calc. at 50% H ₂ O acids 5.0	
									Cb									
					✓	TR			Cb	89.15	90.65	1.50	23168	<5		100%	S&P	
					✓	TR			Cb	90.65	92.15	1.50	23169	<5		100%	Fine irregular white ls. calc. stringers at 92.0m	
					✓	TR			Cb	92.15	93.65	1.50	23170	<5		100%	S&P	
					✓	TR			Cb	93.65	94.60	0.95	23171	<5		100%	S&P clay weathering along fractures	
									W									
94.60	100.60	S&P Tuff															continued with occasional lapilli size fragments of quartz, chert, rhyolite, carbonate alteration zone. Rhyolite, permin and sedimentary rock fragments. Scarcely altered by hydrothermal clay days light to medium grey fine sand matrix	
					✓	TR			W Cb	94.60	96.10	1.50	23172	<5		100%	S&P with occ. lapilli frag. rhyolite	
										96.10	97.60	1.50	23173	<5		100%		
										97.60	99.10	1.50	23174	<5		100%	✓	
										99.10	100.60	1.50	23175	<5		100%	✓	

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Hole No. GC-95-170

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Footage		Rock Type	Alteration							Assays					% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
										115.60	117.60	1.50	23186	<5		100%
										117.10	118.60	1.50	23187	<5		100%
										118.60	120.10	1.50	23188	<5		100%
										120.10	121.60	1.50	23189	<5		100%
									W	121.60	123.10	1.50	23190	<5		100%
										123.10	124.60	1.50	23191	<5		100%
										124.60	126.10	1.50	23192	<5		100%
										126.10	127.60	1.50	23193	<5		100%
										127.60	128.50	0.90	23194	<5		100%
128.50	133.50	QFP														
									W	128.50	130.00	1.50	23195	5		100%
									W	130.00	131.50	1.50	23196	5		100%
						W			W	131.50	133.50	2.00	23197	<5		100%
133.50	135.50	INT bre														
										133.50	135.50	2.00	23198	<5		100%

Clay weathered light grey green quartz, Sphalerite porphyry Contact @ 47° C.A.

Medium green andesite with clastic matrix (Flow breccia?)

Line grained white carbonate Strawn streak
Creamy colored Siliceous lens @ 134.3m

Footage No		Rock Type	Alteration							Assays						% RCVRV	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
135.50	138.25	QC	<i>green quartz - calc. and silicified buff feldspar phenocrysts</i>														
																	<i>in fine grained greenish grey groundmass clay weathered BSS along vein seams and fractures. Clay weather lower cut @ 37° rare fine grains of pyrite</i>
						W			W	136.50	137.00	1.50	23199	<5		100%	
						wr			W	137.00	138.25	1.25	23200	<5		100%	
138.25	140.35	FP	<i>Feldspar pyroxene light feldspar phenocryst</i>														
-	-																<i>light grey ground mass clay weathering along cuts and occasional cutting fracture : lower cut @ 66°C.A. lower zone Bk with pervasive clay weathering core relatively broken up.</i>
						W			W	138.25	139.25	1.00	23201	<5		95%	
						w			W	139.25	140.35	1.10	23202	5		95%	
140.35	148.78	RHY	<i>Light green altered (smectite) fine grained chydte</i>														
																	<i>Pervasive alteration fine green quartz eyes in the unaltered creamy buff hydrite groundmass. Weathering upper contact under Phyllitic alteration showing very fine pyrite grains widely scattered (i.e. rare).</i>
				M	TR			PH		140.35	141.50	1.15	23203	<5		100%	<i>Red brown Hematite stringers in clay weathered grain</i>
				M	TK			PH		141.50	143.00	1.50	23204	<5			<i>Red brown Hematite staining as grain patches</i>
				M	TK			PH		143.00	144.50	1.50	23205	<5			<i>Red brown Hematite staining in stringers, grain patches</i>
				y M	TR			PA		144.50	146.00	1.50	23206	<5			<i>? granite altered competent unweathered</i>
				" M	TR			PA		146.00	147.50	1.50	23207	<5			<i>hydrite severely fine grey siliceous stringers</i>
				M	TR			PA		147.50	148.78	1.28	23208	<5		100%	<i>very fine grains diss. pg.</i>

148.78 EOH END OF HOLE

DIAMOND DRILL LOG

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Hole No. 9-25-74
Page No. 3-19

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Notes
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
					M												9-19
										18.14	18.75	0.61	23505	12	0.1	82	Coarse ss+ H/med grey well sorted
																5	fine conc. intl @ 18.60-18.75 (clasts up to 1cm d)
																	- 4 whole core pcs (< 29cm)
										18.75	19.89	1.12	23506	36	0.1	44	dk grey fine ss+ ~30% mafic clasts
																9	- intense clay alt'd (dk grey) @ 19.20 - 19.30
																	- wk cb alt'd @ 19.75 - 19.89
																	- fract: 30° (2 fakes); 70° (1 fct)
18.89	20.80	SILTST							W	19.89	20.80	0.91	23507	31	0.2	46	med. dk grey, pervasive clay alt'n (struct. + text obl't.)
																9	1 whole core pc (7cm l.)
20.80	22.25	BY ZONE								20.8	22.25	1.45	23508	55	0.3	6	Core missing
																9	V. bk, brecciated core (siltstone)
																	- cb veining: clear white VNS
																	- Ø whole core pcs
22.25	38.70	CONG															- H to med-H groundmass, w/ yellowish tint (Cb alt'n)
																	poorly sorted, dr clasts
																	contain several Cb stringers
																	unaltd to wkly weathered
																	- lacks green alt'd clasts (w/ very few exceptions)
																	- lacks well defined fracture pattern
									W	22.75	23.50	1.25	23509	34	0.15	62	intense clay alt'n @ 23.20 - 23.50
																9	- clear cb filling subll fracture @ 22.90 (bk core)
																	- 13 whole core pcs (< 9cm)

Hole No. 4-95-21

Page No. 4-79

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 4-79
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
								1	W	23.50	25.0	1.50	23510	13	0.1	57	Qz strgs @ 23.85 (bk core 1st row in section)
																9	2 mm w.)
																	mod to intense alt'd @ 23.60 - 24.0 (breaks easily)
																	15 whole core pcs (L 7 cm)
									W	25.0	26.5	1.50	23511	14	0.1	87	Mod-intense clay alt'd @ 25.15 - 25.70 (breaks easily)
																5	clay seam @ 26.04 (30° 3mm w) w/ 16 gr in the borders
																	(6 strgs @ 26.25 (sub//, 2mm w, 25cm))
																	6 whole core pcs (L 22 cm)
									W	26.5	28.0	1.50	23512	15	0.1	72	Mod-int. clay alt'd @ 26.60 - 27.20 (bk core)
																5	(6 strgs @ 26.50 (sub//, 1mm w, 8cm))
																	26.60 (45°, 1mm w)
																	26.65 (sub// 1mm w, 3cm)
																	26.90 (sub//, 2mm w, 12cm)
																	27.80 (sub//, 1mm w, 20cm)
																	large (scm) black "clast" w/ concentric structure
																	+ cut by a series of cb strgs
																	6 whole core pcs (L 32 cm)
									W	28.0	29.50	1.50	23513	32	0.1	91	mod. alt'd intl (breaks easily)
																3	cl strgs @ 28.0 (sub//, 1mm w, 28cm)
																	28.90 (60°, 1mm w)
																	28.93 (60° 1mm w)
																	29.30 (30°, 2mm w, 10cm)
																	12 whole core pcs (L 22 cm)

Page No. 5-12

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
								Q	W	29.50	31.0	1.50	23514	* 16	0.1	84	- Mod alt'd Int'l (bks easily)
																3	- Cb strgs @ 29.88 (20° 1-2mmw, 11cm)
																	30.22 (30° 1mmw, 6cm)
																	- Qz vln clast @ 31.0 (3.5cm)
																	- fract. 30° (3fts)
																	- 7 whole core pcs (< 27cm)
										31.0	32.50	1.50	23515	* 20	0.1	77	mod alt'd Int'l easily
																7	Cb strgs @ 31.10 (20° < 1mmw, 12cm)
																	31.25 (30° 3mmw, 9cm)
																	32.0 (30° 1mmw, 3cm)
																	32.25 (45° < 1mmw)
																	32.38 (45° < 1mmw)
																	32.42 (subll, < 1mmw, 3.5cm)
																	- 8 whole core pcs (< 17cm)
										32.50	34.0	1.50	23516	* 29	0.1	93	Intense alt'n @ 33.50 - 35.80
																7	Cb strgs @ 32.60 (20° < 1mmw, 12cm)
																	33.0 (30° < 1mmw, 14cm)
																	33.25 (subll, 1mmw, 24cm)
																	33.50 (30° 2mmw, 6cm)
																	2 large boulders (7cm) @ 33.10 + 33.30
																	- 13 whole core pcs (< 20cm)
										34.0	35.50	1.50	23517	* 18	0.2	98	mod alt'd (bks easily)
																5	Cb strgs @ 34.10 (30° 1mmw, 5cm)
																	34.17 (30° < 1mmw, 15cm)
																	34.56 (20° 3mmw, 11cm)

Hole No. GC-95-191

Page No. 6-19

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 6-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																	34.80 (45° 1mm w)	
																	35.0 (60° 2mm w)	
																	35.05 (Sub// 2mm w, 16 cm l)	
																	35.25 (wavy ~ 40° 2mm w)	
																	11 whole core pcs (< 32cm)	
										35.50	37.0	1.50	23518	* 16	0.2	91	dk grey congl. in sandstone sequence about to appear	
																5	this interval @ 35.70 - 35.78, 36.0 - 36.38	
																	- Elastic boulders (7cm Ø) w/ yellow Cb + bright green sericite	
																	alt'n @ 36.03	
																	Cb stringers @ 36.30 (60° < 1mm w.)	
																	* 36.54 (Sub//, 3-5 mm w, 30 cm l)	
																	12 whole core pcs (< 16 cm)	
										37.0	37.81	0.81	23519	13	0.1	92	dk grey, alternating fine + coarse elastic sequences	
																7	Cb stringers @ 37.05 (several fine, most @ 30°)	
																	37.12 (Sub//, 3mm w, 8cm l)	
																	- bright green alt'd. (sericite grain) clast (5cm Ø) @	
																	37.60	
																	- 2 whole core pcs (< 12cm)	
										37.81	38.78	0.97	23520	23	0.2	74	Mostly coarse congl. sized clasts, w/ 3 sand	
																9	sequences (< 2cm w) @ 38.0 - 38.25	
																	- V. intense alt'n @ 38.30 - 38.78 (dk grey color;	
																	clasts preserved ± fresh)	
																	Cb string @ 38.05 (30° < 1mm w., 12 cm l)	
																	- 7 whole core pcs (< 9cm)	

Hole No. GC-95-171

Page No. 8-19

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	HOLE NO. GC-45-171 Page No. 8-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
42.65	43.15	CONG			W					42.65	43.15	0.50	23523	11	0.3	100	- dk grey congl. clasts up to 3-4 cm ϕ
																3	- cb alt'n along clast borders
																	- fresh core
																	- 3 core pcs (L 28 cm)
43.15	43.45	SILTST					TR			43.15	43.45	0.30	23524	25	0.4	92	silt to fine sstone grain size
																7	dk grey, bedding sublt
																	py alt'n in cavities
																	2 whole core pcs (L 9 cm)
43.45	52.32	CONG															white gdnas, + very conspicuous bright green alt'd clasts (<1mm - 3cm ϕ)
																	- contains narrow intvls of coarse SST
										43.45	44.50	1.05	23528	21	0.2	84	- clasts generally < 1cm ϕ
																5	- orange-brown alt'n (oxidation?) thrt intvl
																	- few bright green alt'd clasts (<1cm ϕ)
																	- 6 whole core pcs (L 30 cm)
										44.50	46.0	1.50	23529	29	0.2	57	- coarser congl. white gdnas (no more brown alt'n)
																7	- few bright green clasts (<1cm ϕ)
																	- coarse SST intvl @ 44.80 - 45.0, quickly coarsens
																	back into CONG
																	- 8 whole core pcs (L 17 cm)
										46.0	46.65	0.65	23530	31	0.1	37	- v. bk core @ 46.20 - 46.65
																9	- overall green colour starts @ 46.47
																	- 2 whole core pcs (L 9 cm)

Hole No. GC-95-171

Page No. 9-19

Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
					M	M		I		46.65	47.32	0.67	23531	*51	0.1	52	*Gz VN @ 46.75 - 47.25 (sub// > 4cm w.)
																9	v. bk core (bv?) @ 46.20 - 46.40 (bk qz VN)
																	- 3 whole core pcs (< 6cm)
						P				47.32	48.50	1.18	23532	41	0.2	51	- fine clasts @ 47.32 - 47.50
																9	- characteristic green (smectite alt'd) clasts @ 47.50 - 48.50
																	- groundmass is also smectite alt'd
																	- v. bk core @ 48.20 - 48.35
																	- 7 whole core pcs (< 14cm)
						P				48.50	50.0	1.50	23533	56	0.2	51	v. bk core @ 49.0 - 50.0
																9	- 9 whole core pcs (< 7cm)
						P				50.0	51.50	1.50	23534	44	0.2	70	- fine-gd clasts @ 50.90 - 51.10 (lack of sericite
																9	alt'd clasts or gdmass)
																	- v. bk core @ 51.40 - 50.50
																	- 7 whole core pcs (< 22cm)
						M				51.50	52.73	1.23	23535	50	0.1	58	less green smectite alt'n
																9	Cb strgr @ 52.0 (sub//, 1mm w, 27cm l.)
																	52.50 (sub//, < 1mm w, 9cm l.)
																	- 3 whole core pcs (< 5cm)
52.73	61.87	SST															med-dk grey, med. gd SST, w/ narrow coarser
																	(fine congl.) intervals. coarse grain int'ls are
																	less bk than fine-med SST.

Hole No. GC-95-5171

Page No. 10-19

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 10-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										52.73	53.50	0.77	23536	130	0.5	63	v. bk core @ 52.90 - 53.05	
																9	med-gd sst @ 52.90 - 53.25	
																	fine congl intvl @ 53.25 - 53.50	
																	minor cb strgrs (bk core; unknown orient.)	
																	2 whole core pcs (< 13 cm)	
								1		53.50	55.0	1.50	23537	*320	0.9	28	coarse-gd @ 53.50 - 53.70	
																9	qz VN @ *53.67 (black cherty aspect, continues on bk core; unknown orient.)	
																	qz-cb strgr @ 54.05 (subd, 2 mm w)	
								1		55.0	56.50	1.50	23538	*101	0.4	31	bx zone; whole intvl v. bk	
																9	v. fine gd, med. gray sst	
																	cb VN @ 55.75 (2 mm w); on bk core; unknown orient.)	
																	qz VN @ *55.80 (v. bk core; unknown orient; chips < 1 cm Ø)	
																	Ø whole core pcs	
								1		56.50	58.83	2.33	23539	*236	0.9	24	bx zone; v. bk core	
																9	qz VN @ *58.50 - 58.80 (v. bken core; unknown orient; chips < 1 cm Ø). w/ cb VN	
																	Ø whole core pcs	
										58.83	60.50	1.67	23540	145	0.5	27	bx zone; v. bk core	
																9	coarse sst / fine congl @ 59.65 - 59.83	
																	2 whole core pcs (< 8 cm)	

Hole No. G-C-95-171

Page No. 12-19

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Hole No. 02-15-11 Page No. 12-19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb				Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Hole No. 6C-95-171

Page No. 12-19

Footage		Rock Type	Alteration							Assays					% RCVR	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	12-19	
				P	w				w	68.10	68.88	0.88	23548	12	<0.1		81	clay: lt. grey muddy aspect @ 68.0 - 68.02	
																	7	68.17 - 68.25; 69.20 - 69.32	
																		minor cb alt'd (yellowish patches)	
																		Fract. 45° (1 fct)	
																		- 3 whole core pcs (< 22 cm)	
				P					w	68.88	69.65	0.77	23549	9	<0.1		91	Mod. clay alt'd @ 68.88 - 69.15; pervasively clay	
																	9	alt'd elsewhere (v. soft core)	
																		Fract 30° (3 fcts); 70° (3 fcts)	
																		- dk, unalt'd blk core 4 mm's above clay @ 69.50 - 69.60	
																		- 5 whole core pcs (< 10 cm)	
																		- 1+ grey clay seam (30°, 1 cm w, 8 cm l.) @ 69.93	
				F	w					69.65	71.0	1.35	23550	11	<0.1		81	- Oxidation zone @ 69.90 (irregular ~ 3 - 6 cm w.)	
					M												5	doesn't fiss - oxidation between gg grains	
																		- some @ 70.0 (3 cm w, discontinuous) + irregularly	
																		discont. bedded thrt + intol.	
																		Fract 30° (3 fcts)	
																		- 6 whole core pcs (< 26 cm)	
										71.0	72.50	1.50	23551	8	0.1		93	- clay alt'n (muddy aspect) @ 71.35 (30° 5 mm w.)	
																	5	71.60 (sub ± 3.5 cm w); 72.05 (30°, 2 cm w);	
																		72.28 (30°, 1 cm w)	
																		Fract. 45° (2 fcts); 30° (4 fcts)	
																		- 10 whole core pcs (< 16 cm)	

Hole No. GC-95-471

Page No. 14

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No. 14 - 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				F						72.50	74.06	1.56	23552	12	0.1	87	Fract. 60° (3 fets) ; 20° (5 fets)	
																5	fairly unalt'd	
																	11 whole core pcs (L 17cm)	
				F						74.06	75.50	1.44	23553	9	<0.1	82	intensely clay alt'd @ 74.06 - 74.15 (light grey muddy asst) ; 75.05 (30° 2mm w.)	
				M												5	Cb VN @ 75.23 (bk core) unknown orient, 4mm w.)	
																	Modly clay alt'd @ 75.40 - 75.50	
																	Fract. 30° (3 fets) ; 45° (1 fct) ; 60° (1 fct)	
																	8 whole core pcs (L 17cm)	
				M						75.50	76.40	0.90	23554	23	0.1	82	wk. mod clay alt'd thru interval.	
																7	Fract. 45° (1 fct) ; 30° (2 fets)	
																	clay seam (muddy asst) @ 76.32 (60° 1mm w.)	
																	5 whole core pcs (L 26cm)	
										76.40	77.11	0.71	23555	11	<0.1	49	intense clay alt'd @ 76.96 (30° 2mm w.) + grey muddy	
																7	Fract. 45° (2 fract) ; 60° (1 fct) ; 30° (1 fct)	
																	bk core @ 76.50 - 76.60 (fairly unalt'd)	
																	intense clay alt'd @ 76.70 (Subl, 3mm w.)	
77.11	78.92	WELDED TUFF															med. grey matrix with siliceous texture (flattened siliceous clasts)	
																	mostly unalt'd	
																	more intensely welded @ top 5m + bottom 2m (almost CLP in between)	

Page No. 2-19-

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										77.11	77.91	0.80	23557	124	0.1	100	- Fract: "dike" @ 77.20 (3 cm w.); 77.53 (fracture) - core size 4 - 6 cm w - clay seams (incl'd) @ 77.40 (30° 3 mm w; 3 cm); 77.53 (45°, 1 mm w.) - Fract: 45° (3 fcts); 60° (1 fct) - 7 whole core pcs (< 21 cm)	
			F			w												
			P							77.91	79.06	1.15	23557	104	0.2	78	8x zone (wk br texture)	
																9	- Silicification @ 78.62 - 78.95 - "clay" seam @ 78.10 (5.6 w; .5 cm w; lt grey, w/ small x + little clasts, 10 cm l.) - Intslly clay alt'd @ 78.70 - 78.75 - mod - to intslly clay alt'd @ 78.96 - 79.06 (contact w/ br zone @ 45-30°) - Fract: 60° (2 fcts); 30° (2 fcts) - 6 whole core pcs (< 14 cm)	
			M						w	79.06	80.50	1.44	23558	88	0.1	74	- intensly clay alt'd @ 79.10 - 79.18 (v. bk core); 80.16 - 80.22 (lt grey muddy aspect) - mod clay alt'n @ 79.06 - 79.55 (sgt+ core) - Fract: 30° (4 fracs); 45° (2 fcts) - 5 whole core pcs (< 14 cm)	

Hole No. GC-95-171

Page No. 16-19

Footage		Rock Type	Alteration							Assays						% RCVR	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			16-19
				F							82.0	82.50	1.50	23560	28	0.1	37	30-45° 20-30° @ 82.55 - 82.97 (rich albite rhyolite dikes)
																	2	- reverse clay alt. @ 82.39 - 82.56
																		- rhyolite dike (alter w/ m w/ 20° + 30° phenocrysts 4mm)
																		- Fract: 30° (1 set); 20° (1 set); 60° (1 set) downhole center of rhyolite dikes)
																		- 6 whole core pcs (4.5 cm)
				F					1		83.50	85.0	1.50	23561	91	0.1	100	- contains felsic bombs (4.8 cm & bluish rhyolite)
																	3	- Qz string (not chalcedony) @ 84.13 (30°, 2mm w, 2mm l)
																		- Cl strings (brown) @ 84.23 (2mm w, 2mm l) + int'l, most @ 30°
																		also sub'd to 45° strings
																		Fract: 45° (2 sets); 30-80° (2 sets)
																		- 11 whole core pcs (4.33 cm)
																		- fairly unalt'd int'l
				F							85.0	86.50	1.50	23562	47	0.1	74	int'l clay alt'd @ 86.25 - 86.50 (v. soft + coarse
																	5	w/ muddy seam @ 30°, 3mm w.) fairly unalt'd elsewhere
																		Fract: 60° (2 sets); 45° (1 set)
																		- clay alt'd (11 grey muddy) @ 85.63-85.64
																		- few cl strings (brown) (2mm w, 2mm l) (most sub'd)
																		- 9 whole core pcs (4.19 cm)
											86.50	87.86	1.36	23563	159	0.1	81	int'l clay alt'd @ 86.85 - 86.92 (muddy);
																	5	unalt'd elsewhere
																		Fract: 20-30° (5 sets) - sub'd (2 sets)
																		- Cl strings @ 87.30 - 87.40 (2 strings, 60°, 2mm w.)
																		- felsic bomb (bluish ~ 3cm Ø) @ 86.50
																		- 7 whole core pcs (4.19 cm)

[illegible]

[illegible]

DIAMOND DRILL LOG

Hole No.: GC-95-172		Grid: RAT CREEK		Claim: CANYON 13 / YA75729		Page 1, of 25											
Depth: 110.64m.		Coordinates - Northing 9+709 N		Bearing: 200° / GRID SOUTH		Date Started: August 20, 1998											
Angle: -50°		- Easting: 12+400 E		ELEVATION: 848m.		Date Completed: August - 21, 1998											
Core Size: NQ		Dip Tests:		DRILLED BY: E. CARON D.D. / VAL DURET		Logged By: A.L.F.											
Footage		Rock Type	Alteration							Assays					% RCVRY	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	15.61	OVBD															till
15.61	20.40	RHY				P	7-12										fine-grd greenish-grey rhyolite
																	intense green alt'n (soft) along fract
																	- resist + core (no clay alt'n)
						P	10			15.61	17.0	1.39	23574	117	0.1	86	Fract: 30° (3 fets); Sub// (2 fets)
																5	v. intense smectite alt'd along fract
																	7 whole core pcs (< 36 cm)
						P	10			17.0	18.50	1.50	23575	215	0.1	91	clay + smectite alt'd @ 17.06 - 17.24; 17.30 (30°, 3 cm w, 10 cm l); 18.0 - 18.03
																	Fract: 70-80° (3 fets); 30° (4 fets)
																	9 whole core pcs (< 23 cm)
						P	5-7			18.50	19.0	0.50	23576	163	0.1	100	clay + smect. alt'd @ 18.80 - 18.92
																5	Fract: 30° (3 fets)
																	(b streaks (sub l, few)
																	- orange - oxidized streaks: several between 18.60 + 18.80 (< 1 mm w, 45°, not continuous; lenses)
																	- 5 whole core pcs (< 20 cm)

Hole No. GC-95-172

Page No. 17

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
							TR			19.0	20.40	1.40	23577	59	0.1	69	lt. grey rhyolite (not serious alt'd)
																7	- bright green alt'n int. @ 19.60 (60° clay alt'n)
																	- Fract. 60° (1 ft) ; 20-30° (3 mts)
																	- (b) stringers (30° to subll) thin 1m
																	- 'porous' (b) along fracts. (white)
																	- orange-yellow 411 @ 19.02 (60°, 3 mm w.)
																	- 19.13 (45°, 3 mm w.)
																	- along fractures (< 2 mm w.)
																	- 5 whole core pcs (< 19 cm)
20.40	20.72	BY ZONE					TR			20.40	20.72	0.32	23578	123	0.1	92	bk clay alt'd shear by zone
																9	- 2 whole core pcs (< 5 cm)
																	- narrow bright green intvls (< 1 mm w.)
20.72	21.08	RHY					TR			20.72	21.08	0.36	23579	27	0.1	100	lt. grey rhy. qz-etc porphyry (different from
																3	rhyolite above by zone
																	- numerous fine orange stringers (soft clay? doesn't fiss)
																	@ various orient
																	- 4 whole core pcs (< 10 cm)
21.08	22.0	HVB		F			TR			21.08	22.0	0.92	23580	58	0.1	83	cb VN @ 21.18 (30°, 6 mm w, 6 cm l.)
																5	Fluorite VN @ 21.08 (subll 3 mm w, 14 cm l. purple)
																	21.30 (60°, 2 mm w.)
																	21.40 (30°, 3 mm w, 10 cm l.)
																	- orange-br. stringers around 21.80 (subll to 70°; v. fine)
																	- py in rhyolitic clasts (< 5%)
																	- orange alt'n of felsic clasts (oxidation + spars argill. path)
																	- 3 whole core pcs (< 25 cm)

Hole No. GC-95-172

Page No. 3

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
22.0	23.0	S+P TUFF		F						22.0	23.0	1.0	23581	18	0.1	95	- med. grey w. sub-parallel texture - purple clay VN @ 22.0 (2mm w, 2cm l) - 22.30 - 4 whole core pcs (< 43 cm) - orange clay VN @ 22.85 (30°, 2mm w, 2cm l) - 23.96 (sub //, 2mm w)
23.0	36.90	CLP TUFF															- lt. grey matrix; bimodal clast distribn - overall unaltd - smooth surfaces
		-	W	F			TR			23.0	24.5	1.50	23582	61	0.3	98	- fluorite VN @ 23.0 (2strgs, sub // 24 + 36 cm l) - 23.30 (30°, 2mm w, 12 cm l) - 23.63 (20°, 3mm w, 8 cm l, w/ abundant massive py) - orange, soft (clay?) VN @ 23.77 (sub //, 3-5 mm w, 50 cm l) - silicified @ 23.45 (w 30 cm w.) - Fract 20° (4 fracs) - massive py alt'n along fractures (along w/ "porous" cb + sericitn) - 5 whole core pcs (< 50 cm)
										24.50	26.0	1.50	23583	23	0.3	97	- orange clay VN @ 24.62 (sub //, 2mm w, 18 cm l) - fluorite VN @ 24.30 (2 // VN, 30°, 2mm w, 2 cm l each) - 25.20 (20°, 2mm w, 2 cm l)

Hole No. GC-95-172

Page No. 4

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 4-220
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	-clast sizes increase significantly from 25.30
																	downhole: many felsic bombs + blocks
																	-ash banding (dk grey + white fire bands) @ 24.90 (60°
																	6 mm w.); 25.46 (sub $\perp$, 8 mm w.)
																	Fract: 45° (2 fets); 70-80° (2 fets)
																	-11 whole core pcs ($\leq$ 26 cm)
								TR									
										26.0	26.82	0.82	23584	66	0.2	96	Fract 60° (1 fct); 20° (1 fct)
																5	unaltd
																	4 whole core pcs ($\leq$ 42 cm)
				M			M										
										26.82	27.50	0.68	23585	65	0.1	69	-intense clay + sericite alt'n along several sub // fract.
																9	-1 whole core pc (9 cm)
							W										
										27.50	29.0	1.50	23586	109	0.1	82	-v bk + wkly clay alt'd @ 28.40 - 28.80 (shear bx?), w/
																7	minor sericite
																	Fract: 70-80° (2 fets); sub // to 20° (2 fets); 40° (2 fets)
																	-5 whole core pcs ($\leq$ 34 cm)
										29.0	30.5	1.50	23587	66	0.1	81	-orange stringers (most sub //) thru int'l
																5	Fract: sub // (4 fets v. pronounced); 70-80° (3 fets)
																	-10 whole core pcs ($\leq$ 20 cm)
										30.50	32.0	1.50	23588	30	0.1	83	-few bomb clasts
																7	-bk core @ 31.39 - 31.45
																	-Fract: 20° (3 fets); 60° (2 fets)
																	-orange stringers thru int'l (various orient)
																	-9 whole core pcs ($\leq$ 24 cm)

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		% RCVR
			10							32.0	33.5	1.50	23578	169	0.2	89	clay altered 32.91 - 33.25 (alony pyroxides)
																5	Silicification @ 33.10 - 33.15
																	- "flow bending"/clay seams @ 32.30 (sub 1 cm w fine
																	gd. 11 grains + white bands)
																	- Fract: 70-80° (4 fets); 30° (1 ft); 20° (2 fets)
																	- orange stringer thrt intvl (most sub 1)
																	- 8 whole core pcs (< 17 cm)
										33.50	35.0	1.50	23590	109	0.1	100	clay altered along sub 1 to 30° from (sericitic + clay)
																5	- Fract: 20° (4 fets); 60° (1 ft) -
																	- Fluorite VN@ 33.60 (sub 11 mm w, 11 cm)
																	- felsic barriers (w 10 cm d) thrt intvl
																	- orange stringer thrt intvl / various or. ent.
																	- 10 whole core pcs (< 15 cm)
										35.0	36.90	1.40	23591	45	0.2	99	Fluorite VN@ 35.75 (20° 1 mm w, 14 cm), purple)
																5	(6 string @ 36.10 (sub 11 mm w, 40 cm))
																	clay / seric alt'n along sub 1 fracture @ 36.70 - 36.90
																	- Fract: 30° (4 fets); 70-80° (4 fets); sub 1 (2 fets, v. prominent)
																	- orange stringer thrt intvl (most sub 1)
																	- 10 whole core pcs (< 16 cm)
36.90	38.75	HVB															- black matrix, v. angular, oxidized (orange) clasts
																	(3-6 cm d)
																	- contains a coal seam + opac bomb
																	~

Footage		Rock Type	Alteration							Assays						* RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M		w			TR	36.90	37.80	0.90	23592	21	0.2	70	mineralized @ 36.90 - 37.05
						M										9	Fract: 30° (1.61) ; sub// (3.61)
																	sub// core p's (2.15cm)
										37.80	38.15	0.35	—				coal seam
																	cb VN (sub// 2mmw, 9cm)
																	v. bk core (4 whole pieces)
				M						38.15	38.75	0.60				66	HVB typical texture
				F												9	intensely clayaltd @ 38.15 - 38.53 (white v. soft)
																	fluorite VN @ 38.53 (20°, 1mmw, 8cm)
																	4 whole core p's (2.10cm)
38.75	40.20	RHY/ HVB															cream-grey to greenish-grey
																	w/ fluorite VN + strags
																	contains short int'ls of HVB
				F						38.75	40.20	1.45	23593	10	0.2		intercalated HVB + RHY, impossible to tell
																	which is bomb + which is gdmass
																	Sequence: RHY (38.75 - 39.20); HVB (39.20 -
																	39.45); RHY (39.45 - 39.70); HVB (39.70 - 40.0)
																	HVB/RHY w/ sub// bands (40.0 - 40.20)
																	fluorite VN @ 39.30 (20°, 3mmw, 8cm), purple
																	many fluorite strags thru int'l (most sub//, < 1mmw)
																	Fract: 70-80° (2 fcts); 30° (3 fcts)
																	10 whole core p's (2.23 cm)
40.20	41.45	RHY/P															qtz + calc. porph. texture

Hole No. GC-95-172

Page No. 7

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 7
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				40.20	41.45	1.25	23594	18	0.1	89	- rhyolite has a 92-94 texture	
																5	- mainly clay alt'd @ 41.25 - 41.45 (v. soft, greenish, texture obl'd)	
																	- Pluvile VN @ 40.20 (subll 1mm w, 20 cm l.)	
																	- mod. sericitization @ 41.0 - 41.08 (well preserved core)	
																	- w/ Kfs-like zone @ 40.55 - 40.73	
																	- Qtz stringers (v. fine; 21mm w, possibly Pluvile) @ 41.0 - 41.30 (several, most @ 30°)	
																	- Fract: 30° (5 fts); subll (4 fts)	
																	- 7 whole core pcs (< 20 cm)	
41.45	46.85	8x zone															- v. clay alt'd, tortured core; textures + structures obl'd	
				P		M				41.45	43.0	1.45	23595	21	0.1	79	Overall intly alt'd (orange + lt green colour, v. soft bk core)	
																	- all textures + struct. obl'd	
																	- 1 whole core pc (18cm)	
				P		M	TR			43.0	44.5	1.50	23596	15	< 0.1	94	- SAAB	
																	- 1 fct @ 30°	
																	- 1 whole core pc (5cm)	
										44.50	45.35	0.83	23597	9	0.1	100	SAAB	
																	- 1 fct @ 30°	
																	- 1 whole core pc (2cm)	
				M		M		W		45.35	46.85	1.50	23598	18	0.1	83	- better preserved core (not so soft), orange-brown alt'd	
																	surface w/ greenish patches; structures ± preserved	
																	- Fract: 30° (6 fct.)	
																	- 16 VN @ 46.0 (1mm w, subll, 10cm l.)	

Hole No. 6C-95-172

Page No. 80-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																		- 46.25 (1.5° wavy, 3mm w.)
																		- intensly clay alt'd (v. soft - core) @ 46.70 - 46.85
46.85	49.80	RHY																- 1 whole core pcs (9cm)
					VN													
										46.85	48.35	1.50	22599	12	0.1	96		Orange-brown surface - fairly resistant core
																7		- intensly clay alt'd @ 47.0 - 47.20; 47.25 - 47.45
																		- CB VN @ 46.90 (30° wavy, 2mm w, 8cm l.)
																		47.50 (30° 1mm w, 10cm l.)
																		47.63 (bt core > 2mm w.)
																		47.67 (sub//, 3-4mm w.)
																		47.70 (30°, 3mm w, 8cm l.)
																		+ several strags (most sub// to 30°)
																		- Fract: 30° (11 fets); sub// (3 fets)
																		- 6 whole core pcs (2-9cm)
					VN													
										48.35	49.80	1.45	23600	7	0.1	93		- orange-br surface (w/ local green. patches)
																5		- well-preserved core
																		- CB VN @ 48.45 (sub//, 1mm w, 14cm l.)
																		48.55 (20°, 2mm w, 5cm l.)
																		48.70 (sub//, 2mm w, 5cm l.)
																		49.10 (sub// @ 20°, 1-3mm w, 26cm l.)
																		49.30 (20°, 5mm w, 13cm l.)
																		+ several strags (mostly sub// to 20°)
																		Fract: 30° (2 fets); sub// (1 fet); 70-80° (3 fets)
																		- 6 whole core pcs (2-27cm)

Hole No. GC-95-172

Page No. 9-20

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
49.60	50.45	HVB		F		W										82 9	- med in dr green matrix w/ bombs (up to 12cm) - oxidation of felsic + act (orange colour) - 1 v. minor cl string @ 49.93 (60° 21mm w.) - 3 whole core pcs (21cm)
50.45	52.0	QFP		F						50.45	52.0	1.55	23601	//	0.1	86 9	- lt grey to greenish grey rhyolite w/ qtz + fsp phenols. fsp phenols alt'd (orange) - Fluorite VN @ 50.55 (70° 1mm w. purple) - 50.60 (60° 5-10mm w. purple) - Qz string (41mm w. mag @ 30°) @ 51.0 - 51.35 - "Claw seam" (lt. grey fine gr. hard 20° 1.5cm w.) @ 51.40 - w/ soft clay alt'n on uphole side - Intensely clay alt'd @ 51.60 - 52.0 soft + bk core - 11 whole core pcs (217cm)
52.0	53.80	HVB		F												96 9	- bombs up to 20cm - RHY dyke/bomb @ 52.40 - 52.70 (down hole contact @ 30°) - Intensely alt'd @ 52.70 - 52.85 (soft greenish) - orange alt'd (hard core) RHY bombs @ 53.0 (12cm) - 53.50 (17cm) - many orange string thr+ intl (various orient.) - 8 whole core pcs (217cm)
53.80	57.40	RHY															- lt grey w/ flow banding (along which green sericite alt'n concentrates) - frly well preserved core - TE to 1% py

Hole No. 50-95-12

Page No. 10-22

Footage		Rock Type	Alteration							Assays					% RCVR	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	F		M	S			53.25	55.30	1.50	23602	31	0.1	82	- alternation of sericitized (green) + silicified (grey) bands @ 45°
						P											- by along fract
																	- Fluorite VN @ 54.75 (sub 1/1, 6mm w, 16cm l.)
																	- 54.25 (sub 1/1 8mm w, 20cm l.) w/ abundant massive py
																	- Fract: 30° (2 fets) ; sub 1/1 (3 fets)
																	- 5 whole core pgs / < 18 cm
			M	F		M	S			55.30	56.35	1.05	23603	14	< 0.1	83	- altered sericitized + silicified bands @ 55.30 - 55.85
						P										9	- intensely clay alt'd @ 56.0 - 56.05 ; 56.22 - 56.35 (v. soft clay) + along sub 1/1 fets
																	- py concentrated along fractures + shags
																	- minor fluorite VN
																	- Fract: sub 1/1 (2 fets) ; 30° (2 fets)
																	- 2 whole core pgs / < 12 cm
			M			M	F			56.35	57.40	1.05	23604	18	0.1	78	- lt greenish grey (much less sericite alt'd than uphole)
						M										7	- w/ silicified bands (sub 1/1) thru interval
																	- Qz stringers (sub 1/1, 41mm w, few)
																	- py along fracts + in clasts
																	- Fract: 30° (1 fct.) ; 70-80° (5 fets)
																	- 10 whole core pgs / < 12 cm
57.40	64.20	HVB															- black matrix, contains blocks of RHYP above (banding still noticeable) @ uphole 20cm
																	generally v. large blocks + bands (avg ϕ ~ 8cm)

Hole No. 60-95-172

Page No. 11-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 11-20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Hole No. GC 95-172

Page No. 12-70

Footage		Rock Type	Alteration							Assays				Au ppb	Ag ppm	% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.				
					VF					63.0	64.20	1.20	23607	9	0.1	91	- Cb VN @ 63.05 (sub// 1cm w, 86cm) w/ minor qz, w/ minor py above
																5	63.83 (sub// 3mm w, 22cm) + several sub// strings
																	Fluorite VN@ 63.95 (sub// 2mm w, 6cm)
																	- cavity filling b. Cb (24" lgt) @ 64.10-64.20
																	Fract. 45° (2 fts) ; 20-30° (2 fts)
																	- 5 whole core pcs (< 38cm)
64.20	65.25	RHY								64.20	65.25	1.05	23608	8	<0.1	100	Cb VN@ 64.20 (30°, 2mm w, 5cm) w/ minor qz
																3	64.30 (20°, 1mm w, 12cm)
																	64.45 (20°, 1mm w, 13cm)
																	* 64.92 (sub// 3mm w, 35cm)
																	- Several sub// VN @ 65.0-65.25, branching off the main ore above
																	- orange ell' in thxt intl (unbk, hard core)
																	- Fract. 45° (2 fts)
																	- 5 whole core pcs (< 50 cm)
65.25	66.25	HVB		F						65.25	66.25	1.0	23609	8	0.1	96	- dk grey matrix abundant orange oxidized bombs
																5	- unclear transition from RHY to HVB
																	- Cb VN @ 65.25 (sub// 2mm w, 20 cm) 2//VN
																	+ strings
																	- 6 whole core pcs (< 22 cm)
66.25	67.30	RHY								66.25	67.30	1.05	23610	9	0.1	98	Fluorite VN@ 67.10 (20°, 3mm w, 12 cm) purple
																35	- several orange strings thxt intl (most @ 20-30°)
																	- Fract. 25° (2 fts)
																	- 5 whole core pcs (< 38 cm)
																	- med-lt grey, qz-use porph.

Hole No. 60-95-172

Page No. 19-20

Footage		Rock Type	Alteration							Assays					% RCVRY	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			M				70.40	72.0	1.60	23613	13	0.1		alternating siltstone (sericitized) + argill. (cl. 15-20%)
																5	bands along shear banding (sub. 1)
																	- silicified bands (white) @ 70.50 (sub. 1, 2 mm w.)
																	- 80.0 (30°, 1 mm w, 5 cm l)
																	- v. intense sericite + clay alt'n (soft core) @
																	71.45 - 71.62; 71.70 - 71.90
																	- Fract: 60° (30° 15') 30° (20° 15')
																	- 10 whole core pcs (< 23 cm)
72.0	77.27	HVB															- black matrix
																	- large felsic bombs (upto 26 cm Ø, orange-stained)
				F						72.0	73.5	1.50	23614	13	0.1	97	Cb VN @ 72.08 (30°, 1-4 mm w, 8 cm l)
																5	73.0 (sub. 1, 1 mm w, 13 cm l.)
																	+ many strgs (various orient.)
																	- 13 whole core pcs (< 24 cm)
										73.50	75.0	1.50	23615	20	0.1	73	intly clay alt'd felsic bomb @ 73.75 - 74.07 (beige-
																9	l+gray, v. bk, soft) w/ cb VN
																	- intly clay alt'd @ 74.15 - 74.30
																	- black bomb (C-rich) @ 74.40 (10 cm Ø)
																	- Cb VN @ 73.50 (60°, 2 mm w)
																	73.60 (45°, 2 mm w)
																	73.80 (bk core; unknown orient.)
																	* 73.90 (60°, 1-2 mm w) on clay alt'd felsic bomb

Footage		Rock Type	Alteration							Assays						* RCVRY	Description	Hole No. 4C-95-172 Page No. 16-20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Hole No. GC-95-172

Page No. 17

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole NO. GC-95-172	Page No. 7-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
								-		91.20	91.70	1.50	23624	12	0.1	100	Qz VN @ 91.22 (sub 3mmw, 1.22m) - 89.66 (sub 3mmw) contains black cast - 6 whole core pcs (L 47cm)		
								3		90.70	92.20	1.50	23625	8	0.1	100	Qz strgs @ 91.0 (30° < 1mmw, 6cm) - 91.30 (sub 1/2" < 1mmw, 32cm) - 91.50 (sub 1/2" 1-3mmw, 12cm) (b VN @ 91.60 (20° 2mmw, 1cm) - black VN (sub 1/2" to 20°) between 91.90 + 92.20 - Fract - 45° (54.4s) - 9 core pcs (L 32cm)		
								2		92.20	93.70	1.50	23626	5	0.1	100	Qz VN @ 92.35 (sub 1/2", 1-2mmw, 26cm) w/ (b 93.10 (20°, 1mmw, 14cm) - 5 core pcs (L 50cm)		
								2		93.70	95.20	1.50	23627	10	0.1	100	Qz/Cb strgs @: 94.15 (sub 1/2" 1mmw, 12cm) 94.26 (sub 1/2" 1mmw, 20cm) - black strgs @ 94.20 (20° < 1mmw, 14cm) - 4 core pcs (L 75cm)		
								-Z		95.20	96.70	1.50	23628	45	0.1	100	Qz strgs @ 95.86 (20° < 1mm, 9cm) 95.89 (20° < 1mm, 9cm) *Cb bx zone @ 96.0 - 96.30 (Cb cutting through tuff + mafic clasts) - 6 core pcs (L 35cm)		

Hole No. GC-95-172

Page No. 19-10

Footage		Rock Type	Alteration							Assays					% RCVR	Description	Page No. 17
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
101.50	104.50	HVB															med - dk grey matrix large rhyolitic bombs
				F						101.50	103.0	1.50	23632	7	0.1	87	- black C-rich (fine gr) @ 101.50 - 101.60 - Cb strags (discontinuous minor) thrt. intl - intsl. clay alt'd @ 102.60 - 102.75 (soft, bk core) - black C-rich mat'l @ contact w/ tuff uphole - 7 whole core pcs (< 24 cm)
				P						103.10	104.50	1.50	23633	28	0.1	86	- severely clay alt'd thrt. intl (v. soft core) - felsic bomb (beige colour, ~30cm Ø) @ 103.15 - 1 whole core pc (10 cm)
104.50	108.80	RHY															v. alt'd green colour, mostly soft core - cream colour where unalt'd.
				P		P				104.50	106.0	1.50	23634	17	<0.1	86	green - orange staining of K-spars - 2 whole pcs core (< 7 cm)
				P		P				106.0	107.30	1.30	23635	6	0.1	95	snags - 4 whole core pcs (< 13 cm)
				M		W				107.30	108.80	1.50	23636	9	<0.1	67	fresh rhyolite (cream-grey colour @ 107.30 - 107.60 - intensely. clay alt'd @ 107.90 - 107.95 (v soft) - wk-mod clay alt'd elsewhere - orange strags thrt. intl (various orient.) - 9 whole core pcs (< 18 cm)

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DIAMOND DRILL LOG

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DIAMOND DRILL LOG

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Hole No. GC-95-174

Page No. 2

Footage		Rock Type	Alteration							Assays						Description	Page No. 2 - 21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au pph	Ag ppm		
				P		W		I		12.50	14.00	1.50	23640	48	<0.1	52	Qz VN @ 14.05 (30° 5 mm w), 10 cm
																9	- cream-colored mud to intensely clay alt'd @ 12.50 - 13.11
																	- mud sericitic @ 13.11 - 14.05
																	- 1 whole core pcs (12 cm)
				P			M			14.00	15.50	1.50	23641	109	<0.1	43	- 1 fresh, graded rhy @ 14.0 - 14.15
																9	- hematite staining @ 14.40 - 15.50 (v. bk, clay alt'd core)
																	- 1 whole core pcs (6 cm)
			W	P			P			15.50	18.28	2.78	23642	31	<0.1	18	- creamy-gray, mud clay alt'd @ 15.50 - 15.75
																9	containing large sub-alt'd clasts (>1 mm Ø) + massive hematite staining
																	- all else: green soft core
																	- minor silicified sand (wk) @ 17.90 (2 mm w, sublt. green) within intslv sericitized intsl
																	- 1 whole core pcs
				P			P			18.28	20.28	2.0	23643	75	<0.1	39	- mud to intslv clay alt'd
																9	- 2 whole core pcs (<12 cm)
				M			-P			20.28	21.40	1.52	23644	95	<0.1	69	- rhyolitic texture more evident in this intsl @
				P												9	20.28 - 21.35
																	- intslv clay alt'd @ 21.35 - 21.80
																	- 10 whole core pcs (<19 cm)
				P			P			21.80	23.30	1.50	23645	61	<0.1	79	- soft, green core
																9	- 1 whole core pcs

Hole No. 25-95-124

Page No. 3-2

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		% RCVRY
				D		L				23.30	24.60	1.50	23646	69	<0.1	89	clay vrl @ 24.55 (sub 1/1, 1-4 mm w, 20 cm l.)
																9	mod to int. clay alt'd over core
																	- 1 whole core pc (12 cm)
				M		D				24.80	26.30	1.50	23647	108	0.1	94	mod. int. clay alt'd
				P												9	- 2 whole core pcs (L 20 cm)
				M		D				26.30	26.82	0.52	23648	116	<0.1	81	green mod to int. clay alt'd soft core
				P												9	- black seam @ 26.60 (sub 1, 5 mm w) w/ py (~5%)
																	- black seam @ 26.75 (sub 1, 1 cm w)
																	- 1 whole core pc (5 cm)
26.82	27.96	HVB	W	F		M				26.82	27.96	1.14	23649	176	<0.1	81	dk gray, vitric matrix, abundant lapilli clasts
																2	(~4 mm ϕ) + bombs
																	- yellow clay alt'd bomb? (w/ weak clay banding, 6 VN, + silification along 6 VN) @ 27.20-27.39
																	- pink alt'd bomb @ 27.30-27.96
																	- 6 VN @ 27.25 (sub 1, 1-3 mm w) w/ silification
																	min both sides
																	- 3 whole core pcs (L 11 cm)
27.96	48.15	RHY															- fine-grd lt green-white @ 27.96-51.20
																	- " " creamy-gray, w/ orange oxidatn @ 51.20-56.40
																	- lt. cream-gray @ 56.4 on

Hole No. GC-95-174

Page No. 4-2

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
						M	2			27.96	29.5	1.54	23650	81	<0.1	96	- pinkish + green @ 27.96 - 28.15
																5	- Ob VN @ 28.26 (30°, 1-4 mm w, 2 cm l)
																	28.50 (30° 2 mm w, 5 cm l)
																	Fract: 30° (6 fets); 70-80° (1 fct)
																	- int. clay alt'd (soft) @
																	- 9 whole core pcs (L 24 cm) 29.0 - 29.03
																	- sevict. more intense along fractures
						M	2			29.5	29.87	0.37	—			100	
																7	
							7			29.87	31.0	1.13	23651	123	0.1	90	- intly clay alt'd @ 29.90 - 30.0 (greenish, soft
																7	bands alternating w/ gray, silicified bands)
																	- pink staining @ 30.0 - 31.0 w/ green patches
																	- sudden increase in py
																	- 5 whole core pcs (L 16 cm)
																	- Fract: 30° (2 fets); subv (2 fets)
						M	5			31.0	32.50	1.50	—			75	- dk gray seam @ 31.40 (30° 5 mm w, 8 cm l)
																7	- black seam (C-rich) @ 31.65 (45°, 2 mm w)
																	- gray VN @ 31.90 (subv, .5 - 2 cm w, 30 cm l)
																	- intensly clay alt'd @ 32.35 - 32.50
																	- Fract: 30° (7 fets); 70-80° (2 fets)
																	- 10 whole core pcs (L 14 cm)
						M	7			32.50	34.0	1.50	23652	146	0.1	83	- intensly clay alt'd (soft, green) @ 32.66 - 32.91
																5	- black staining thru rest of intvl
																	- dk gray seam @ 32.60 (60°, 3 mm w)

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Hole No. GC-95-174

Page No. 6

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		% RCVRY	
				F		M	TR			38.50	40.0	1.50	-				96	- py in var. size streaks
																	3	- wk hemat staining - fine - 1st
																		- orange streaks - 2nd - 1st
																		- Fract: 45° (2 fcts)
																		- 8 whole core pcs (< 30 cm)
																		- 16 lens @ 39.70 (subd discontinuous)
				M			M	TR		40.0	41.50	1.50	23655	66	20.1		97	int. clay alt'd @ 40.50 - 40.70; 40.85 - 41.50
				F													7	(v. soft green clay)
																		- Fract: 60° (1 fct)
																		- textures + structures partially to completely alt'd
																		- 3 whole core pcs (< 16 cm)
				F			M	I		41.50	42.92	1.48	-				100	mod clay alt'd @ 41.50 - 41.60
																	5	- Fract: subv (1 fct)
																		- 6 whole core pcs (< 26 cm)
			W	F			M	2		42.92	44.50	1.58	23656	53	0.1		89	- white patches among green (sericitized) areas: wkly
																	3	silicified
																		- brown-green silicified blotches (few .5-1 cm)
																		- most @ 43.60 - 43.70
																		- wkly bx VN @ 43.88 (30° 3cm w) dk grey matrix,
																		breaking through white rhy fragments
																		- Qz/lb strgr @ 43.0 (subd to 30° wavy, 1mm w, 6cm l.)
																		- py concentrated along fracts
																		- Fract: 60° (3 fcts)
																		- 8 whole core pcs (< 40 cm)

Hole No. GC-95-174

Page No. 21

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
						M	S			44.50	46.0	1.50	-			33	- black stringer in part of int'l (2 v. small)
																7	- brown siliceous staining @ 46.0 (small blotches)
																	- Fract: 30-90° (4 fcs); 30° (3 fcs); subv. (1 fcs)
																	- 9 whole core pcs (L 22 cm)
						M	S			46.0	47.5	1.50	23652	118	0.1	95	- Fluorite v. int'l 46.25 (subv. 1.3 mm w, 10 cm) blue
																7	- mod. to int'l clay alt'd @ 46.55 - 46.58 (soft core)
																	46.70 - 46.75 (v. bk core)
																	- Fract: 30° (3 fcs); 60° (1 fcs)
																	- 93 string @ 47.40 (60° < 1 mm w) v. indur
																	- 12 whole core pcs (L 16 cm)
						M	S			47.5	48.15	0.65	-			98	- Fract: 30° (1 fcs)
																3	- 3 whole core pcs (L 40 cm)
48.15	55.52	BX zone															- 3x texture (dk grey matrix around + through v. angular clasts) partially obliterated by clay alt'n
																	- greenish-grey rhy @ 48.15 - 51.20
																	- brownish-orange stained @ 51.20 on
						M	M	3		48.15	49.65	1.50	23652	115	0.1	100	- greenish w/ bx texture (especially @ 48.40 - 48.60)
																7	- intense clay alt'd @ 49.65 - 48.90
																	- fluorite thrt. int'l (sparse)
																	- Fract: 60° (2 fcs); 70-80° (2 fcs)
																5	- dk grey fine gr. vitric int'l @ 48.45 - 48.50 w/
																2	coarsening uphole bx texture
																	- hemat. blotches @ 48.27 - 48.35
																	- 7 whole core pcs (L 19 cm)

Hole No. GC-95-174

Page No. 8-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 8-21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				M		M	S			49.65	51.15	1.50	23659	225	<0.1	98	Cl VN @ 50.2' (60° 4mm w)	
																7	50.55 (sub 11 3mm w, 3cm l.)	
																	+ several strays @ 51.0-51.15 (most sub 1mm)	
																	intly clay alt'd @ 51.70-52.0 (1.5 soft)	
																	dk grey bomb? @ 51.0-51.15 (contains Cl strays)	
																	fract 60° (4 lts) 45° (3 lts)	
																	S whole core pcs (< 30um)	
				M			W	TR		51.15	52.65	1.50	23660	115	<0.1	99	cream-grey colour, w/ orange staining	
																7	blue-green fluorite (sparse, thrt intl)	
																	Cl VN @ 51.25 (sub 1 3mm w)	
																	51.30 (60° 4mm w)	
																	51.60 (6k core, unknown orient)	
																	52.50 (20° 5mm w, 7cm l.)	
																	52.60 (60° 5mm w)	
																	S whole core pcs (< 15um)	
				M				TR		52.65	54.15	1.50	23661	192	<0.1	97	py along orange strays	
				P												9	intensely clay alt'd @ 52.65-52.80, 63.20-63.50	
																	54.05-54.15	
																	cream-grey, orange stained thrt. intl	
																	rhy texture observable @ 52.85-53.10	
																	Cl strays (few thrt intl, various orient.)	
																	S whole core pcs (< 14um)	
										54.15	55.52	1.37	23662	78	<0.1	84	creamy-grey orange stained	
																9	int. clay alt'd @ 54.90-55.10, 55.30-55.48	
																	fluorite (sparse, thrt. intl blue)	
																	S whole core pcs (< 18um)	

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
55.52	58.74	RHY															cream bluish-grey clay w/ yellowish-brown spots
																	- yellow brown patches
																	- fairly unalt'd
					M		TR			55.52	57.0	1.48	23663	26	<0.1	84	- sparse, small (<1mm) hemat. specks
																7	(bVN@ 56.14 (30°, 8mm w, 7cm l.) w) hemat.
																	56.20 (20°, 5mm w, 8cm l.)
																	(b+hemat VN@ 56.65 (60°, 2mm w)
																	- Fract: 30° (2fts); sub 1/2 (2fts)
																	- 7 whole core pcs (<28cm)
					M		TR			57.0	58.50	1.50	—			91	(bVN@ 57.25 (sub 1, 8mm w)
																5	- hematite specks thrt. intl
																	Fract: 30° (4fts)
																	- 9 whole core pcs (<19cm)
					M	W				58.50	60.0	1.50	23664	77	<0.1	97	(bVN@ 58.82 (30°, 1.5cm w, 6cm l.)
																3	mod. clay alt'd @ 59.0 - 60.0 (white clay alt'n, hard core)
																	- hemat. specks @ 59.40 - 59.80, w/ (b
																	- 6 whole core pcs (<40cm)
										60.0	61.50	1.50	—			93	bluish grey, w/ hemat. specks
					M	W										5	(b strays @ 61.35 - 61.50 (most sub 1, <1mm w.)
																	Fract: 30° (2fts); 70-80° (1ft)
																	- 7 whole core pcs (<26cm)

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Page No. 9-21

Hole No. GC-95-174

Page No. 10-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				M	M						61.50	62.0	1.50	23665	39	<0.1	86	Mainly cb stringers thrt intvl (most @ 30°)
																	5	hemat. specks are elongated + oriented @ 45°
																		@ 62.20 - 62.45
																		cb VN @ 61.90 (30°, 4mm w, 2cm l.)
																		- 10 whole core pcs (L 20 cm)
				M	M						63.0	64.50	1.50	-			91	- Low cb stringers (most @ 30° - 60°)
																	5	- hemat. specks thrt. intvl
																		cb VN @ 63.54 (sub//, 2mm w, 4cm l.)
																		Fract 30° (2 fets); 80° (2 fets)
																		- 10 whole core pcs (L 20 cm)
				M	M						64.50	66.0	1.50	23666	61	<0.1	82	- bluish @ 64.40 - 65.30
																	5	- cream-grey @ 65.30 - 66.0
																		- hemat. specks thrt. intvl
																		cb VN @ 65.06 (sub//, 2mm w, 4cm l.)
																		- Fract 30° (3 fets); 45° (2 fets)
																		- 7 whole core pcs (L 36 cm)
				M	M						66.0	67.5	1.50	-			78	- cb stringers thrt. intvl (various orient)
																	5	- cb VN @ 66.90 (sub//, 5mm w, 10cm l.)
																		- hemat. specks thrt. intvl
																		- Fract 30° (5 fets)
																		cb VN @ 66.08 (30°, 3mm w, 7cm l.)
																		- 10 whole core pcs (L 26 cm)

Hole No. GC-95-174

Page No. 11-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
											</						

Hole No. GC-95-17

Page No. 12

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC-95-17
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 12
				M	W													

Hole No. 60-95-174

Page No. 13-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M	M					79.50	81.0	1.50	23675	65	<0.1	96	- abundant druses w/ irregular outline, 1-2 cm d
				F												5	@ 79.60 - 79.90, filled w/ chalcedony, py, ch, hemat
																	- Fract: 45° (2 fcts); 20° (2 fcts)
																	- Cb strags @ 79.50 - 79.90 / most @ 45°
																	- 11 whole core pcs (L 14 cm)
				F						81.0	82.50	1.50	23676	36	<0.1	69	Cb VN @ 82.0 (sub //, 1-4 mm w, 50 cm l.) branching
																9	out in several directions
																	Fract: 70-80° (3 fcts); 45° (12 fcts)
																	- 10 whole core pcs (L 32 cm)
																	- v. few druses
										82.50	84.0	1.50	23677	7	<0.1	59	- Cb strags thrl. intl (various orient.)
																9	- Cb VN @ 82.50 (sub //, 2 mm w, 15 cm l.)
																	83.43 (sub //, 4 mm w, 57 cm l.)
																	+ wkbby zone @ 83.43 - 83.60
																	- lt grey v. fine. gd rhy.
																	- 6 whole core pcs (L 16 cm)
				W						84.0	85.50	1.50	23678	48	<0.1	61	qz/Cb strgr @ 84.27 (sub //, 2 mm w)
																9	85.50 (45°, 4 mm w)
																	- wkbly silicified band @ 85.25 (45°, 1 cm w)
																	- Cb strags thrl. intl / most sub // to 60°
																	- 9 whole core pcs (L 20 cm)

Hole No. GC-95-174

Page No. 14-2

Footage		Rock Type	Alteration							Assays					% RCVRY	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	14-2
									3		85.50	87.0	1.50	23679	30	<0.1	89	orange staining (Cb alt.) @ 86.70 - 87.0
																	7	Qz/Cb strays @ 85.60 (45°, <1 mm w)
																		85.95 (Sub//, 2 mm w, 4 cm l.)
																		@ 3 VN @ 86.0 (20°, 5 mm w, 5 cm l.)
																		- several (6 strays (most @ 30°)
																		- cream-grey coloured rhy; no phenox
																		- 11 whole core pcs (<32 cm)
				M	W						87.0	88.5	1.50	23680	27	<0.1	90	white, mod. clay alt'd core w/ orange (Cb) staining
																	7	(Cb VN @ 87.05 (45°, 3 mm w)
																		87.30 (Sub//, 2 mm w, 8 cm l.)
																		Fract. 60° (2 fcts); 30° (1 fct)
																		13 whole core pcs (<20 cm)
				M	W						88.50	88.78	0.28	—			100	white, mod clay alt, Cb-stained
																	3	Fract. 20° (3 fcts)
																		1 core pc (28 cm)
86.78	89.50	RHYP									88.78	89.50	0.75	23681	42	0.1	93	med. grey 93-eye morph
																	3	phenox : 1-10 mm d
																		- green alt'd phenoxs
																		- flow banding (70°)
																		- 5 core pcs (<18 cm)
89.50	91.87	RHY																white, mod-wk clay alt'd fine grd

Hole No. GC-95-174

Page No. 15-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				M		w	S	I		90.50	91.0	1.50	23682	143	0.1	72	white, w/ v. subtle greenish tint
																7	- sudden increase in py content
																	Qz/Cb VN @ 90.63 (30°, 2 cm w, 10 cm l.)
																	Fract: 30° (16ct)
																	- 8 whole core pcs (< 23 cm)
				M	w	w	S			91.0	91.87	0.87	23683	75	0.1	95	white, w/ greenish areas
																5	- green VN @ 91.20 (45°, wavy, 4 mm w)
																	- 5 whole core pcs (< 30 cm)
91.87	92.80	BX zone		M		M				91.87	92.80	0.93	23684	64	0.1	100	BX texture (black matrix cutting through lithic fragments)
																5	mod. clay alt'd
																	4 core pcs (< 42 cm)
92.80	94.20	RHY															white, mod. clay alt'd @ 92.80 - 100.93
																	- hemat. stained @ 100.93 - 105.15 (py-rich)
				M		w	F			92.80	94.30	1.50	23685	68	0.1	85	white, w/ greenish tint
																5	12 whole core pcs (< 23 cm)
				M						94.30	95.80	1.50	23686	47	0.1	100	white, mod'ly clay alt'd fexl. intl
																3	- black bands @ 94.40 (3 black bands @ 30° .5 to 2 cm w.)
																	- 95.72 (45°, 3 cm w.)
																	- many clay shars @ 94.70 - 95.0
																	- intense clay alt'd @ 94.86 - 95.0
																	- 10 whole core pcs (< 38 cm)

Page No. 17-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC-95-174 Page No. 17-21
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
				M		M				100.38	100.91	0.43	—			100	lt. greenish white	
																7	mod. int. clay alt'd @ 102.06 - 102.16	
																	Fract. 60° (2 ft+S)	
																	6 whole core pcs (< 48 cm)	
								20		102.81	102.3	1.49	23689	64	0.1	100	- pink staining (hemat.)	
																3	- Cb VN @ *101.95 (30°, 2cm w, 11cm l.)	
																	- black & white clay (soft) band @ 101.22 (38° 1cm w)	
																	- Fract.: 30° (3 ft+S)	
																	- 2 whole core pcs (< 30 cm)	
								20		102.30	102.20	1.50	23690	96	0.1	87	- pink hemat stained	
																5	- Cb VN @ *102.20 (sub V, 1cm w, 30cm l w massive hemat.	
																	103.60 (sub H, 2mm w 4cm l w hemat.	
																	- mod. grey clay seam @ 103.67 (60°, 1cm w)	
																	- Fract.: 30° (1 ft+S)	
																	- 8 whole core pcs (< 50 cm)	
								20		103.80	103.17	1.37				81	pink hemat stained	
								5								7	- int'l clay alt'd @ 104.20 - 104.35, 104.95 - 105.05	
																	- py content decreasing down hole from 15% to 45%	
																	- Fract.: 30° (2 ft+S) - see 2'	
																	- 2 whole core pcs (< 25 cm)	
105.17	104.95	CLD															dk brown-grey matrix w/ xenocrasts (Glc + Y)	
		TJFC															up in 2.5 cm ± + bombs	

Hole No. 6C-95-1711

Page No. 45

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 60-95-171
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
							TR			106.12	106.70	1.50	23692	57	<0.1	55	Qz VIB. 106.30 (60° 2mm w)	
																5	106.35 (subd 21mm w)	
																	felsic matrix @ 105.50 (15mm and sericite all + rhomb)	
																	- 106.0 (5mm)	
																	- 106.40 (clay + sericite all + 30mm)	
																	- 11 whole core pcs (20cm)	
																	- Fract 45° (10cm)	
							W	TR		106.70	108.20	1.50	23693	31	<0.1	27	weakly welded / eutaxitic texture @ 106.70-107.14	
																5	- rhombic dark/brown @ 107.14 - 107.78	
																	(11. greenish - white w/ some flow banding)	
																	- eutaxitic texture not observable @ 107.78 - 108.20	
																	- 2 whole core pcs (4.31cm)	
								TR		108.20	109.70	1.50	—			72	- white rhomb bomb / unaltd, v. smooth surface	
																7	v. fine-grd @ 108.50 (17cm)	
																	advanced sericite all + of felsic lithic clasts	
																	- Fract: 70-80° (2 fets); 30° (2 fets)	
																	- 9 whole core pcs (4 20cm)	
109.70	112.20	RHY					5										white, v. fine-grd w/ v. wk sericification (slightly greenish tint)	
		HYKE?															- felsic minis barely stand out on white gdmass	
							W	7		109.70	111.20	1.50	23694	39	<0.1	97	Fract: 60-70° (3 fets); 30° (2 fets)	
																5	- 13 whole core pcs (4 33cm)	
																	- rough surface (v. wk clay all)	

Hole No. 66-95-174

Page No. 21

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Hole No. 5C-95-174
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
										111.20	112.70	1.50	—			37	- bright orange mineral along fractures
																9	- Fract 30° (4 fts) 70-90° (6 fts)
																	- 2 whole core pcs (L 20 cm)
				M			W	S		112.70	114.20	1.50	23695	77	<0.1	56	- coarser grained rhy @ 112.30-114.20 more
																9	- sericitized
																	- mod clay alt'd bt core Hwt. int'l
																	- Fract 45° (2 fts)
																	- 5 whole core pcs (L 9 cm)
				F			W	TR		114.20	115.70	1.50	23696	93	<0.1	73	- tuff int'l @ 114.20-114.47 (black matrix lapilli, ash clks)
																7	- rhyolite 30° flow banding (sericit alt'd bands along flow bands) g3 eye texture
																	- mod clay alt'd @ 115.21-115.36
																	- Fract 30° (2 fts)
																	- 6 whole core pcs (L 22 cm)
				F			W	TC		115.70	116.0	0.30	—			100	- Rhy w/ 30° flow texture
																5	- 2 core pcs (L 18 cm)
										116.0	117.50	1.50	23697	34	<0.1	91	- tuff @ 116.0-116.35 (w/ cb VN) w/ purple fluorite & ash
																5	- fine-gr. rhy alt'd, yellowish-cream rhy @ 116.35-117.50
																	- cb VN @ 116.77 (sub 11, 3 mm w, 12 cm l.)
																	117.35 (30°, 1 mm w, 10 cm l.)
																	- porphyritic rhyolite texture w/lt preserved @ 116.90-117.02 (gray admass + orange alt'd phenox up to 2 cm Ø)
																	- 10 whole core pcs (L 21 cm)

Hole No. 60-95-174

Page No. 20-21

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
112.50	122.23	CLP																
		TUFF																

[illegible]

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: GC-95-175		Grid: RAT CREEK		Claim: CANYON 9 / YA 75725		Page 1 of 7											
Depth: 122.83m		Coordinates - Northing 94625m		Bearing: 028° / Grid N		Date Started: August 24 1995											
Angle: -50°		- Easting: 114225E		ELEVATION: 770m		Date Completed: August 26 1995											
Core Size: HQ		Dip Tests:		Drilled by E Carson D.D. / N.A. D.D.R.		Logged By: Robert Stroshem											
Footage		Rock Type	Alteration								Assays					% RCVRY	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	6.10	OVBS													*		Glacial till, boulders & clay
															No Silver Analysis		
6.10	9.20	CLP Tuff				Orange weathering											Coarse lapilli fragments of gfp in light grey crystal matrix
																	</

Hole No. GC-95-175

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
18.75	26.50	RHY															18.75 - 26.50 m. Flow breccia & rhyolite 16 m. 1/4 m. upper end of section. Unit consisting of coarse to medium grained vibrant green glass (alt. 10' of d.f.) and a thin bed of dark or (caric section) Spineliferous fine grained buff. beds up to 10 cm. across from 21.0 - 22.65 m / 24.20 - 24.85 m. Spinel
						Pr			Ph	18.75	20.25	1.50	23215	14		100%	White competent core. Pervasive Green Alt.
						Pr			Ph	20.25	21.75	1.50	23216	16		100%	Core brown in the center. Fine grained green Pervasive Green Alt.
						Pr			Ph	21.75	23.25	1.50	23217	14		100%	Generally white competent core. Pervasive green Alt.
						Pr			Ph	23.25	24.85	1.60	23218	25		100%	
						Pr			Ph	24.85	26.50	1.65	23219	25			
26.50	30.00	EPICLASTITE															Cherts or fragments. Chert seams at 26.50 m, 27.95 m (15 cm), 28.35 m (8 cm), 29.75 (25 cm). Relatively consistent core angle S @ 40°-45° Clay weathering of interlayered cherts or B.N.S.
30.00	34.00	INT VOLC															intermediate volcanics in dark green fine grained XL matrix. Capilli are extremely variable in composition. Sub to intermediate in composition
34.00	34.15	RHY															Thin grained greenish grey thinly laminated rhyolite ? Separates the two distinctive units @ 75°C.A.

Hole No. GC-95-125

Page No. 6 of 7

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	% RCVR	
										87.00	88.50	1.50	23244	<5		45%	Minor clay weathering
										88.50	90.00	1.50	23246	<5		100%	Minor clay weathering same. Row best section
										90.00	91.50	1.50	23247	<5		90%	Minor clay weathering
91.40	122.83	LITVIC TUFF															minor, dip zeds. Purvis lithic clark sandy, iron ore - iron ore. Very angular to sub rounded. Clay clastic. 1st 1/2' crystal tuff is fine grained and medium grey. Lignite 1/2' fragment microscopic down the section.
										91.50	93.00	1.50	23248	<5		100%	Minor grey clay seams narrow.
										96.00	97.50	1.50	23249	<5		100%	Two narrow seams of grey clay. Sub // fracture
										100.50	102.00	1.50	23250	<5		100%	Weak clay weathering minor clay seams
										103.50	105.00	1.50	23251	<5		100%	Weak clay weathering sub // fracture, minor clay seams
										105.0	106.0	1.0	24356	<5	<0.1	100%	Descriptions at end of log.
										108.00	109.50	1.50	23252	83		100%	Broken core moderate clay weathering increasing down log.
										106.0	107.0	1.0	24357	<5	<0.1	48%	Descriptions at end of log.
										109.50	111.00	1.50	23253	8		90%	Strong clay weathering clay seams @ 58°C.H.
										107.0	108.0	1.0	24358	<5	<0.1	23%	Descriptions at end of log.

Hole No. GC-95-175

Page No. 7 of 7

Footage		Rock Type	Alteration							Assays					% RCVRY	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	111.00	112.50	1.50	23254	<5		100%	Strong clay weathering, clay cement and matrix weathered
									W	112.50	114.00	1.50	23255	<5		100%	Moderate clay weathering, clay cement and matrix weathered
										115.50	117.00	1.50	23256	<5		100%	Compacted core, lapilli clay cement with leach weathering
										117.00	118.50	1.50	23257	<5		100%	Compacted core, lapilli clay cement with leach weathering. Plastic and soft, leach 5-20% @ 25° or 50° C.A.

Page No. 12-31115

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC-95-175
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 12 SAMPLES
		CLP			M					105.0	106.0	1.0	24356	<5	<0.1	100	fairly resistant to acid	
		TUFF														3	orange stain (Cb altered with crystallized) or felsic clastic + to lesser degree in matrix	
																	2b VNa 105.30 (20°, 2-3 mm w, 7cm)	
																	105.66 (60° wavy, <1 mm w)	
																	105.70 (60° wavy, <1-2 mm w)	forming a
																	105.74 (60°, 2-3 mm w)	yellowish band
																	7 whole core pcs (< 25 cm)	
										106.0	107.0	1.0	24357	<5	<0.1	48	sub// Cb strays (<1 mm w) @ 86.0 - 86.40	
					M											9	Cb VNa 86.43 (16K core, > 1 cm w)	
																	looks like the last 25 cm of this intvl has been sampled	
																	2 whole core pcs (< 17 cm)	
					M					107.0	108.0	1.0	24358	<5	<0.1	23	this intvl has been sampled before	
					W											10	(split core)	
																	less Cb staining	
																	v. few Cb strays	
																	0 whole core pcs	

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No.: GC-95-176		Grid: RAT CREEK		Claim: MOUNTAIN 10 / YA 75726		Page 1 of 15												
Depth: 124.36 m		Coordinates - Northing 9+42511		Bearing: 020° / GR10 / North		Date Started: August 26, 1995												
Angle: -50°		- Easting: 11+100 E		ELEVATION: 792 m		Date Completed: August 28, 1995												
Core Size: NQ		Dip Tests:		DRILLED BY: E. Cannon DD / VALCO		Logged By: J.L.F.												
Footage		Rock Type	Alteration							Assays						% RCVRY	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	4.70	OVRD																
4.70	42.0		HETEROLITHIC VOLC BRECCIA															Black matrix
																		? intensely clay altered; few clasts still recognizable
42.0	42.35	COAL									42.0	42.35	0.75	23481	<5	0.4		Black coal, finely banded, containing (6 surge) in several orientations
																		V. bk core
42.35	43.77	METACLASTIC V. BY									42.35	43.77	1.72					Int. - mafic volcanic by
																		7 - clasts range from ash size (<1mm) to lg bombs / blocks (up to 27cm Ø) sub to subrounded
																		- clast composition: rhyolite (lg bombs), mafic vol + az (lapilly size)
																		- Cb VN @ 43.15 (20° 1cm w, 9cm)
																		- alt'n varies w/ clast composition: rhyolites are greenish (sericite alt'd) or white (kaolinized)
																		- Cb strans (most @ 20-30°)
																		- Cb alt'n concentrated in clast borders
43.77	44.90	ASH TUFF																49 - light gray, fine ash w/ rare small (3mm Ø) clasts discernible
																		9 - Flow texture (sub) @ 43.9 - 44.12 (25°)
																		- contains irregular black areas @ 44.50 - 44.65

Hole No. GC-25-176

Page No.

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	brn. sand @ 44.90 - 45.90
																	Cl. str. 4.5" in. 1.5" to 2.0"
44.90	55.75	HVA	(Hydrothermal volcanic breccia)													55.	Cr. in. 1.5" to 2.0"
				F		M	TR	P	W								Shear by zone @ 44.90 - 45.25 - 45.90 - 46.02
							C		CB								50.50 - 51.25
																	felsic d. cor. (or v. large bombs?) @ 54.25 - 54.65
																	55.11 - 55.63
																	Clay alt'n @ 46.39 - 46.49 (clay bomb?; white clay alt'n - kaolinized, muddy aspect)
																	46.50 - 46.83 (moderate, pk. core, w/ purple fluorite)
																	46.83 - 49.73 (intense, white clay alt'n, unbk. core)
																	50.45 - 50.60 / clay alt'n, searn, white @ 30°
																	2-3 cm w.)
																	52.83 - 53.25 (mod. white clay alt'n)
																	53.90 - 54.0 (mod. clay alt'n; soft, but preserved original colour)
																	54.75 - 55.10 (SAP 13)
																	Fractures: 65-80° (5 fets); 45° (3 fets); 60° (2 fets)
																	Purple fluorite (cryptocrystalline) replacing k. spars. along fractures on 55.6 alt'n (yellowish-br. colour) felsic bombs occurring along w/ py
																	Black ash-tuff bomb (or thin dke) @ 42.98 (12m w.)

Hole No. 95-172

Page No. 3

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole NO. 40-45-172	Page No. 3-13
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-H			S	L	41.93	42.42	2.55	23485	9	0.2	10	- Shorr by 41.91 - 42.25 (v. fine grained, ch. rich, clay alt'd)		
																2	- Felsic clasts, v. fine gr. @ 42.45 - 42.85		
																	- v. intense clay alt'n @ 42.29 - 42.42 (white mud aspor.)		
																	- 20-30% (various orient.)		
																	- 4 whole core pcs (L 5 cm)		
				F	M	W		d	W	52.83	54.25	1.42	23483	25	0.2	92	- Derivatively clay alt'd HVB (soft, unbk core)		
																7	- Felsic clasts are the most intensively alt'd		
																	- black ash tuft @ 54.0 - 54.15 (relatively unalt'd)		
																	- locally, intense sericitization of felsics (between 93 X's)		
																	- 7 whole core pcs (L 55 cm)		
				F	M	W		d	W	54.25	55.52	1.27	—			100	- whole int'l clay alt'd (soft, unbk core)		
																5	- felsic dike @ 54.25 - 54.62 (v. soft clay alt'd)		
																	- thin, whitish-white colour, v. fine grained, ch. rich, clay alt'd		
																	- colour (alt'n) banding + fractures @ 30°		
																	- contact w/ HVB @ 30°		
																	- felsic dike @ 55.10 - 55.25 (extremely soft; sericitized)		
																	- H-greenish - grey colour on surface, but		
																	blue-green (sericite alt'n) on fresh cuttings		
																	- fine grained, w/ banding + fractures @ 60°		
																	- HVB between the two dikes has mod. cb alt'n		
																	of felsic lithic clasts sericitized strags + cb alt'n		
																	surrounding most clasts; Mod. to intensely clay alt'd;		
																	2 fractures @ 70-80°, 1 fract @ 45°		
																	- 11 whole core pcs (L 18 cm)		

Hole No. 62-05-12a

Page No. 4-13

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
55.75	57.0	LOAL			M			STV	Cx								75	- Black 1.5m
					STr												9	- Cb starts 1.5m from top of LOAL - 57.70 (1.5m from top)
																		STV is 1.5m from top of LOAL also contains the py
																		plagioclase observable which are 1-4 mm d
																		+ intense Cb all'd
																		- zone of Cb all'd (probably 1.5m from top of LOAL @ 57.40
																		(1.5m from top of LOAL) containing Cb starts @ 45°
																		- 1. minor as single 56.40 @ 45°, 21mm w, 3mm l
																		- were missing (probably @ start or end of this interval)
																		- 6 whole were pos (2.7m)
																		- by zone @ last 0.5m w/ green fluorite + py
57.0	59.70	HVB																- contains 2 main types of felsic lithic bombs:
																		a) yellowish (Cb-all'd)
																		b) greenish (sericitized) containing felsic
																		clasts py + Cb starts
																		- black ash iff / like black ash tuff unit but w/ "rougher"
																		surface @ 57.70 - 57.96 : this is not a bomb, because
																		@ the uphole from there are clasts that increase
																		in size it grades into HVB.
																		- light grey ash tuff @ 57.96 - 58.10 : irregular contact
																		w/ black ash + there are 14 grey clasts within
																		the black ash
																		- intense sericitization of HVB @ 59.10 - 59.38 (14 olive
																		green colour, possibly a felsic bomb, contains Cb all'd
																		(most @ 30°, 5-10mm w, 10mm l)
																		- 26 blocks of rhyolite (tan colour) lined matrix containing ~3mm
																		Ø x clasts of qz + all'd Kspars, v. similar to rhyolite

HOLE NO. 2005-120

Page No. 4-13

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				P	Si	M			N	58.20	59.70	1.50	23484	6	0.1	78	- VB @ 58.20 - 59.70 (fine grained calc. alb. + very fine grained volcanic breccia) recovered
																	- Swirls of calc. w/ Co VN (subst. 30°) minerals
																	- black calc spar (thin) @ 58.10 - 58.38
																	- HVB @ 58.20 - 59.70
																	- 4 whole core pcs (< 50 cm)
59.80	60.70	RHY DRC?				P		S								92	fine gr. H grey
																5	Fractures (60° & 30° / calc.) - orange oxidizing halos around spots? black metallic? - 8 whole core pcs (< 20 cm)
60.80	61.52	HVB		F	W											8B	- V large lentic clasts (< 20cm d) 5 - 4 whole core pcs - 1 fract @ 45° - fluorite VN @ 61.27 - 61.52 (subst., + 30°) Co alb. in calc lentic clast
61.52	62.0	RHY DRC?														100	creamy-grey fine gr. matrix w/ sparse Pb-alt'd k-spar
																3	- Fluorite VN @ 61.56 (subst., 2-5 mm w, 40 cm l.) - 2 whole core pcs (< 14cm)

Hole No. GC-95-176

Page No. 1

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
				P	M	M			W	72.82	72.63	0.75	23747	14	0.1	52	1.6X core 2 72.82 - 72.10 + 72.55 - 72.63
																9	(by 2nd)
																	fresh HVE in between
																	-3 whole core pcs (< 9cm)
72.86	72.24	RHY						1								90	Dike or bomb?
		DYKE?														5	light to med grey fine-grd matrix w/ sparse felsic X clasts (1% (w/w))
																	Flow banding @ 30°; structures @ 30°
																	minor cb strgs following flow banding direction
																	fairly unaltd
																	4 whole core pcs (< 12cm)
79.24	79.40	HVB															small x + lithic fragments (< 2cm d)
																9	1 whole core pc (3cm)
79.40	80.70	RHY		F	W	W	1-2									83	H. grey, fine grained matrix w/ felsic + mafic X clasts
		DYKE														9	(all < 3mm d) + rare lithic lapilli (< 4cm d)
																	Fract: 30° (2 fcls); 70-80° (2 fcls); subll (1 fcl)
																	Glass seam @ 79.02 (30°, 1.5cm w, 12cm l.)
																	-Cb strgs tht intr
																	-fluorite VN@ 79.65 (subll, 2mm w, > 70cm l.), purple
																	-6 whole core pcs (< 22cm)
80.70	81.10	HVB		M	M											86	-contains clasts similar to dikes above + below
																9	-4 whole core pcs (< 10cm)

Hole No. 95-176

Page No. 7-13

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
81.10	81.40	KMY DICE				W										50	lt grey matrix, ~40% smt (44cm) felsic X clast (6 shows thrt intvl (several intervals) Fract: 30° (34cm), 60° (34cm) 7 whole core pcs (< 12 cm)
82.40	83.81	HVB		F	M	W			W	82.40	83.81	1.41	23489	41	0.1		Intense clay alt'n @ 82.20 - 83.35 / bk core white, possibly a felsic bomb clay alt'n intense within felsic lapilli + bombs; wk to mod on sulf matrix *compare assay of this mod. clay alt'd intvl w/ intense clay alt'd intvl
83.81	84.35	COAL							W							60	Black finely laminated v. bk 4 whole core pcs
84.35	86.26	HVPB														52	wk to intense clay alt'n felsic bomb @ 85.10 (> 17cm Ø), bk core possibly a narrow dike 4 whole core pcs (< 13 cm)
86.26	86.95	COAL				M			W							51	severely bk core black w/ some green (sericit?) patches 8 whole core pcs
86.95	86.97	HVB		F	M	W										90	contains large (< 12cm Ø) bombs Fract. 30° (1.1ft) 4 whole core pcs

Hole No. GC 85-176

Page No. 13

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		% RCVRY	
86.92	87.30	RH RVKE				P											47 9	Green fine-grained matrix w/ w 30% clastic (4100' down) Cb stringers (few) thru interval Fract. 30° (2 frags) Possibly a v. large bomb, since 10 cm downhole there is a bomb in HVB w/ the same composition + 22 cm ϕ 4 whole core pcs (< 12 cm)
88.30	93.01	HVB							W									Intense clay alt'd @ 89.75 - 90.30; 92.05 - 93.01 - Felsic lithic bombs are generally more intensely alt'd - Ash tuft (black) bomb/dike @ 89.46 - 89.80
			P			M			W	89.75	90.30	0.96	23490	20	0.2	67 9		- Mod to intense clay alt'd - sericitic alt'd of rhyolite clasts - 3 whole core pcs (< 20 cm l.)
93.01	95.58	ASH TUFF																Fine grained intercalated white + black tufts All v. intensly clay alt'd - Black @ 93.01 - 93.67 : contains a lt. grey seam @ 93.40 (45°, 1.5 cm w) - White @ 93.67 - 93.87 - Black bk core @ 93.87 - 94.0 unbk @ 94.0 - 94.30 - White @ 94.30 - 94.75 - Black @ 94.75 - 95.0 - Dk grey @ 95.0 - 95.5 : contains many Cb stringers v. bk core @ 95.0 - 95.35

Hole No. GC-176

Page No. 10-13

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										94.75	95.58	0.25	23491	19	0.1	50	fine grained ash tuff w/ blk + mod. clay alt'd
																9	mainly cb strays @ 95.0 - 95.58 (various orient) 8 whole core pcs
95.58	100.67	RHYX DYKE		P		M			W							87	
																9	- Severely alt'd interval (except for 100.15 to 100.67 where texture can still be observed) pervasive clay alt'd - white mica in a 2cm blk white lithic clast @ 95.72 - whole intvl has a lt greenish-white colour, w/ locally intense sericitization
										96.95	97.93	0.99	23492	36	0.1	76	- Greenish-grey colour
																9	- only 93 x left (rounded) all matrix alt'd - 7 whole core pcs (< 15 cm)
100.67	104.45	RHYX		P		M	1-5									84	Overall reddish colour, rhyolitic bx?
																7	mod. to intsvly. clay alt'd contains few cb strays (most @ 30°) orange/red: cryptocrystalline like jasper, opaque, hard
										102.67	103.59	0.92	23493	19	0.1	82	reddish colour (hematite)
																8	mod. clay alt'd cb strays @ 45° (most) - 6 whole core pcs (< 11 cm)

Page No. 12

Footage		Rock Type	Alteration							Assays						% RCVY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
112.22	115.78	FL			M				W								112.22 - 115.78 dark grey matrix w/ small to medium sized ash to lapilli sized clasts, w/ an interval of lapilli-sized clasts only @ 116.10 - 116.15, followed by 1.5cm (subt) of intense class. alt'n. 1.5cm. typical HVB texture barb @ 116.45 (mod grey fine grained, .5cm @) w/ reaction rim (.5cm w, black vitric) - intense alt'n @ 116.60 - 116.90 (v. bk core) barb @ 116.90 (~20cm @) black ash w/ localized Cb alt'n + Cb streaks (various orient)
115.78	117.40	HVB															115.78 - 117.40 dark grey matrix + ash to bomb sized clasts, w/ an interval of lapilli-sized clasts only @ 116.10 - 116.15, followed by 1.5cm (subt) of intense class. alt'n. 1.5cm. typical HVB texture barb @ 116.45 (mod grey fine grained, .5cm @) w/ reaction rim (.5cm w, black vitric) - intense alt'n @ 116.60 - 116.90 (v. bk core) barb @ 116.90 (~20cm @) black ash w/ localized Cb alt'n + Cb streaks (various orient)
117.40	118.10	RHY			M				Tr								117.40 - 118.10 there is a grading from HVB (uphole) to RHY lt grey ash matrix ash to lapilli clasts, + v. rare bomb clasts - Cb streaks thru interval - Fract: 45° (2 fcls) 30° (1 fcl)

DIAMOND DRILL LOG

Hole No:	GC-95-177	Grid:	RAT CREEK	Claim:	CANYON 10 / N47S72E	Page 1 of	9									
Depth:	135.07m	Coordinates - Northing	9+600'N	Bearing:	S20° East North	Date Started:	August 28, 1995									
Angle:	-50°	- Easting:	11+120'E	ELEVATION:	792 m	Date Completed:	January 30, 1996									
Core Size:	NQ	Dip Tests:		DRILLED BY:	E. CAROL D.D. / VAL HUBBARD	Logged By:	Robert Stroschein									
Footage From To (m) (m)		Rock Type	Alteration S A C Se Py Qv T							Assays From To Width Sample Au Ag % (m) (m) (m) No. ppb ppm RCVRY					Description	
0.00	33.53	OVB	Black silt + overlying glacial till rich in boulders and clay.													
33.53	47.60	GABBRD	Microgabro - birds feet textures massive intense altered with extensive calcite stringer structures.													
			Unaltered section of dark green massive medium grained gabro 46.65 - 47.10 m flanked by intensely increasing carbonate and clay alteration.													
		Ac							33.53	35.00	1.47	23259	<5		70%	Intense clay altered feldspar groundmass with calcite stringer texture.
		Ac							35.00	36.50	1.50	23260	<5		98%	As above.
		Ac							36.50	38.00	1.50	23261	<5		100%	As above.
		Ac							38.00	39.50	1.50	23262	<5		100%	✓
		Ac							39.50	41.00	1.50	23263	<5		100%	✓
		Ac							41.00	42.50	1.50	23264	10		100%	✓

Hole No. GC-95-172

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										42.50	44.00	1.50	23265	6		100%	Intense clay alteration (acid leached) with calcite stringers
				Re						44.00	45.50	1.50	23266	<5		100%	✓
				Re						45.50	47.00	1.50	23267	<5		100%	Probably in a lateral transition zone with some calcite stringers & K-feldspar
				Re						47.00	48.50	1.50	23268	<5		100%	✓
				Re						48.50	49.60	1.10	23269	<5		100%	Intensely altered (acid leached) and calcite stringers & K-feldspar
49.60	66.50	Tuff	Heterolithic coarse lapilli tuff														Lapilli clasts of obsidian, pumice, shale in dark grey to black ash matrix
									W	49.60	51.00	1.40	23270	6		100%	Strong clay weathering of clasts & matrix
									v)	51.00	52.60	1.60	23271	<5		100%	Weak clay weathering
										52.60	52.72	0.12	23272*			100%	Groundmass of obsidian, broken with chlorite & pumice 418°C.A. on upper end of TR.F. dis. seg BND @ 700°C.A.
									W	52.72	54.25	1.53	23273	6		100%	Intense clay weathering, clasts & matrix
										54.25	55.75	1.50	23274	5		100%	Clay weathering. Broken broken calcite stringers in clay seam @ 54.35m.

Hole No. GC-95-177

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Footage		Rock Type	Alteration							Assays						% RCVRY	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						W	57.25	58.75	1.50	23275	10		100%	intense clay weathering, matrix of chlorite Sphalerite in clasts in a weathered matrix white qtz, clast is void in broken core at 57.25m.
				Ac						W	60.25	61.75	1.50	23276	18		100%	intense clay weathering, matrix of chlorite Sphalerite in clasts
				Ac						W	63.25	64.75	1.50	23277	13		100%	✓
				Ac						W	64.75	66.50	1.75	23278	12		100%	✓ Two sections from calcite vein at 65.14m
65.50	72.10	DIOR GABBRO																intense pervasive clay alteration of micro gabbro with calcite streaks. Completely acid leached now solid calcite remains along rock much with + cutting calcite veins
				Ac						W	66.50	68.00	1.50	23279	8		100%	intense acid leached clay weathered gabbro - diorite
				Ac						W	68.00	69.50	1.50	23280	<5		100%	✓
				Ac						W	69.50	71.00	1.50	23281	<5		100%	✓
				Ac						W	71.00	72.10	1.10	23282	6		100%	✓

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DIAMOND DRILL LOG

Hole No: G3-95-178		Grid: RAT CREEK		Claim: CANYON ID / YN75726		Page 1 of 19	
Depth: 125.83 m		Coordinates - Northing 7+600 N		Bearing: 025° / Faint North		Date Started: August 30, 1995	
Angle: -50°		- Easting: 11-025 E		Elevation: 200 m		Date Completed: September 1, 1995	
Core Size: 110		Dip Tests:		Drilled by: ESCAROT / VAC Dore		Logged By: A.L.F.	

Footage		Rock Type	Alteration								Assays				% RCVR	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	17.12	OVB3															Till	50' casing / 15.24 casing
17.12	18.02	DIORITE															dk green, fine-grained w/ 20% mafic @ 17.17 - 17.20	
																	- locally int'ly clay alt'd	
																	- med. green-grey w/ orange + bright green alt'r	
																	- w/ abundant Cb VN = some qz VN	

Hole No. GC-95-172

Page No. 2

Footage		Rock Type	Alteration							Assays					* RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	* 19.15 (30° 4mm w) w/ minor ag
																	* 19.19 (sub 3mm w)
																	• series of minor to strong
																	of whole core pcs
				F			TR	1		19.20	20.70	1.50	23703	21	<0.1	83	more felsic composition (diabase?), w/ chilled
																5	* exlure 'radiating' plagi + amphiboles)
																	'dendritic' bright orange alt'n
																	- Cb VN@ * 19.20 (sub 11, 1.5cm w, 30cm l) branching
																	out into two other VNs
																	* 19.52 (30°, 1.5cm w, 10cm l)
																	20.0 (sub 11, 5mm w, 35cm l)
																	* 20.30 (sub 1, 4mm w) w/ ag
																	20.38 (sub 1, 8mm w)
																	- Fract: 30° (4 fets), sub 11 (1 fct)
																	- 5 whole core pcs (4 32cm)
				F			TR	1		20.70	22.20	1.50	23704	38	<0.1	94	intensely clay alt'd (white, v. soft) @ 22.13-22.20
																3	- med/dk green w/ orange + bright lg green alt'n
																	- Cb VN: 13 VNs all @ 30°, 1-4mm w
																	@ 21.75 (sub 1, 2cm w) w/ ag
																	- @ 21.15 (30°, 6mm w, 10cm l) w/ Cb
																	- Fract: 45° (1 fct), 30° (8 fets)
																	- 7 whole core pcs (4 31cm)
				F			TR	2		22.20	23.70	1.50	23705	18	<0.1	99	@ 22.25 (sub 11, <4cm w, 30cm l)
																7	22.65 (30°, 3mm w, 6cm l)
																	Cb VN@ 22.80 (45°, 1cm w)

Hole No. GC-95-178

Page No. 3-12

Footage		Rock Type	Alteration							Assays					% RCVR	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
																	23.0 Sub 3mm w, 12cm l)
																	23.20 (45° 4mm w)
																	23.35 (45° 4mm w)
																	23.42 (Sub 1 2cm w)
																	23.60 (30° 2mm w, 6cm l)
																	8 whole core pcs (< 23 cm)
				M	M					23.70	25.20	1.50	23706	53	<0.1	94	mod to fine clay alt'd (± soft core) H. grey
				P												7	- texture obliterated
																	Cl VN @ 24.10 (20°, 1cm w, 16cm l)
																	24.20 (Sub 1, 4mm w)
																	* 24.50 (60°, 4cm w) w/ minor qz
																	* 24.57 (Sub 1, 11cm w)
																	24.90 (60°, 3mm w)
																	24.92 (Sub 1, 2mm w, 20cm l)
																	25.15 (60°, 4mm w)
																	25.17 (60°, 3mm w)
																	1 minor stringers (most @ 30-60°)
																	- 12 whole core pcs (< 21 cm)
				M	M					25.20	26.70	1.50	23707	60	<0.1	68	H. grey, mod clay alt'd w/ orange dendritic alt'n
																9	Cl VN @ 25.40 (ok core, unknown orient), w/qz
																	25.45 (45° 6mm w)
																	25.73 (Sub 1, 1.5cm w)
																	26.35 (Sub 1, 4cm w)
																	- 11 whole core pcs (< 20 cm)

Hole No. GC-95-128

Page No. 4

Footage		Rock Type	Alteration							Assays					% RCVR	Description	Page No. 40-49	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb				Ag ppm
				M	M						26.70	28.10	1.40	23208	43	201	94	Cb VN @ 26.80 (subd, 1cm w)
																		26.87 (20°, 1cm w, 12cm l)
																		27.15 (60°, 1cm w)
																		27.20 (Subd, 4mm w, 33cm l)
																		27.60 (subd, 2mm w)
																		27.73 (60°, 4mm w)
																		27.90 (45°, 3mm w) 2 several strings
																		- 9 whole core pcs (< 32cm)
				P	M				I		28.10	29.30	1.20	23709	78	< 0.1	89	intly clay alt'd (lt. green, soft)
																	7	Qz VN @ 28.45 (subd, 2cm w, 20cm l) w/Cb
																		Cb VN @ 28.65 (subd, 2cm w, 10cm l)
																		29.70 (30°, 4mm w, 6cm l)
																		29.18 (45°, 6mm w)
																		* 29.20 (subd, 4cm w) w/ qz
																		29.26 (60°, 4mm w)
																		- 6 whole core pcs (< 19cm)
				F	W						29.30	30.80	1.50	23710	14	< 0.1	97	med. to dk green w/ dendritic orange alt'n
																	5	- lt green "clay" seam (hard) @ 30.04 (30°, 1cm w)
																		- Qz/Cb VN @ 29.76 (30°, 6mm w, 6cm l)
																		29.93 (30°, 5mm w, 5cm l)
																		30.45 (60°, 7mm w)
																		30.65 (45°, 12cm w) w/ brown banding
																		30.72 (SAAB)
																		Cb strings thwt. Intvl (most @ 30-60°)
																		Cb VN w/ brown banding @ 29.60 (subd, 4cm w)
																		- 12 whole core pcs (< 23cm)

Hole No. GC-95-178

Page No. 2

Footage		Rock Type	Alteration							Assays						% RCVRY	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			C-10
				M	W					30.80	32.30	1.50	23711	30	<0.1	92	lt. green-grey w/ orange + bright green dendritic alt'n	
				F												7		
																	CBVNA 30.96 (60°, 2mm w)	
																	31.13 (70°, 2mm w) w/ brown banding (fine)	
																	31.20 (30°, 2mm w, 6cm l)	
																	31.50 (60°, 2mm w)	
																	31.57 (sub 1, 4mm w)	
																	series of 60-30° streaks @ 31.80 - 32.10	
																	- 32.15 (70°, 5mm w)	
																	intslly alt'd @ 31.63 - 31.72	
																	- 7 whole core pcs (< 23cm)	
				F						32.30	33.80	1.50	23712	7	<0.1	93	med-dk green w/ orange + brt. green dend. alt'n	
																5	CBVNA 32.38 (30°, 2mm w, 7cm l)	
																	32.53 (45°, 1cm w)	
																	32.80 (60°, 4mm w)	
																	33.0 (30°, 2mm w, 6cm l)	
																	33.30 (60°, 2mm w)	
																	33.60 (30°, 6mm w, 7cm l)	
																	33.78 (60°, 2mm w)	
																	5 whole core pcs (< 43cm)	
				F						33.80	34.60	0.80	23713	7	<0.1	90	lt. green-grey w/ or. + brt. green dend. alt'n	
																7	CBVNA 33.93 (25°, 2mm w, 8cm l)	
																	34.02 (sub 1, 2mm w, 17cm l)	
																	34.35 (70°, 1.3cm w)	
																	* 34.44 (sub 1, 1-3cm w, 14cm l)	
																	- 6 whole core pcs (< 12cm)	

Hole No. GC-95-178

Page No. 6-14

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	% RCVR	
				P						34.60	34.65	1.50	23714	68	20.1	82	white, soft core, minor clay alter.
																9	Ob VN@ 34.60 - 34.65 (bk core)
																	35.60 (20°, 2mm w)
																	35.67 (45°, 2mm w)
																	35.84 (subd, 1cm w)
																	35.93 (subd, 5cm w)
																	2 whole core pcs (< 9cm)
				M						36.10	36.60	1.50	—			76	white-grey w/ orange dendr. alter.
																9	Ob VN@ 36.20 (20°, 8mm w, 27cm l)
																	36.40 (subd, 1cm w)
																	36.70 (subd, 4cm w)
																	36.75 (subd, 1cm w, 20cm l)
																	37.0 (subd, 20°, 2mm w, 18cm l)
																	37.30 (subd, 2mm w, 15cm l)
																	37.40 (70°, 1cm w)
																	+ many strags @ various orient.
																	7 whole core pcs (< 14cm)
				M						37.60	39.02	1.42	23715	76	20.1	73	white, soft core
				P												7	Ob VN@ 37.80 (bk core, unknown orient)
																	37.86 (subd, 2cm w, 12cm l)
																	38.50 (bk core, unkn. orient)
																	38.75 (60°, 2cm w)
																	38.85 (subd, 2mm w)
																	13 whole core pcs (< 16cm)

Hole No. GC-95-178

Page No. 7

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 7
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
39.02	40.00	HVB															black to lt. green matrix, subangular clasts of various sizes - grades down to CLP - buff texture @ some intls

- 9 whole core pcs (< 19 cm)

Hole No. 20-75-127
Page No. 8

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	% RCVRY
										44.25	45.5	1.25	—				77	mod. clay alt'd @ 44.25 - 45.5 (1.25 m core)
																	5	- Fract: 25° (1 ft) ; 45° (1 ft) ; 60° (1 ft)
																		- 7 whole core pgs (L 27 cm)
										46.50	48.0	1.50	—				84	SAAG
																	5	- Fract: sub // (1.5 ft) ; 60° (1.5 ft) ; 60° (1.5 ft) ; 60° (1.5 ft)
																		- 2 whole core pgs (L 20 cm)
										48.0	48.5	1.0	—				87	SAAG
																	2	- Fract: 30° (1 ft)
																		- 15 whole core pgs (L 19 cm)
				F						49.50	51.0	1.50	23719	25	<0.1		83	mod. int. clay alt'd @ 50.20 - 50.90 (1.50 m core)
				M													9	orange clay streaks (most sub to 45°) thru. int'l
																		- 2 whole core pgs (L 31 cm)
				F						51.0	52.5	1.50	—				67	- mod. clay alt'd @ 51.20 - 51.60
																	5	- med. gray matrix getting lighter gray downhole
																		- 12 whole core pgs (L 26 cm)
										52.50	54.0	1.50	—				98	med. lt. gray matrix
																	3	- contains large flattened berris (e.g. black 13x10 cm)
																		- Fract: 45° (1 ft) ; 70-90° (3 ft)
																		- 9 whole core pgs (L 31 cm)

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Footage		Rock Type	Alteration							Assays							Description	Page No. 2-19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY		
				F						55.0	55.5	1.50	23720	6	<0	92	med. dk grey matrix	
																3	large glass clasts @ 55.0-56.0m	
																	1.5% avg = 54.57 (25% 1mm w 3mm)	
																	6 core pcs (L 56 cm)	
				F						55.50	57.0	1.50	—			92	- wk br texture + bk core @ 55.75-55.80	
																3	- inter. clay alt'd @ 56.80-56.95 (v. soft)	
																	- med clay alt'd @ 56.82-57.0 (grey core + var. ability, hard)	
																	- Fract: 30° (1 pct)	
																	- 6 whole core pcs (L 53 cm)	
				F	-					57.0	58.50	1.50	23721	13	<0	83	med. dk matrix	
																3	- Fract: 60° (1 pct)	
																	- bk core @ 57.30-57.40	
																	- 6 whole core pcs (L 68 cm)	
										58.50	58.97	0.47	—			93	SAA3	
																5	- bk core @ 58.95-58.97	
																	- 2 whole core pcs (L 33 cm)	
58.97	63.0	CLD																
		TUFF																
																	gradational unclear contact w/ HVB uphole	
																	- clasts <1-2mm Ø + 4-15mm Ø	
																	- dk-med grey ash matrix	

Hole No. 4C-05-136

Page No. 40

Footage From (m) To (m)		Rock Type	Alteration							Assays				Au ppb	Ag ppm	% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.				
							TR			59.93	60.5	1.53	23721	21	20.1	100	-11 whole core pcs (L 47 cm)
																3	Fract: 70-80° (3 fct) - 2-6 mm d
																	-11 whole core pcs (L 47 cm)
				F			TR			60.53	62.0	1.50	—			26	- advanced clay alt'n of felsic enclaves
																5	- greater amount of clastic ~ 2-6 mm d
																	- 8 whole core pcs (L 50 cm)
				F			TR			62.0	63.0	1.0	23723	49	0.1	94	- grades downhole into HVB
																5	- Fract: Sub H (1 fct.)
																	- Silicified band @ 62.43 (60° 6 mm w)
																	- felsic bomb @ 62.83 (20 mm d)
																	- 7 whole core pcs (L 29 cm)
63.0	74.90	HVB															- H. grey matrix
																	- felsic clasts have orangey alt'd colour
																	- bx zone @ 63.39 - 64.10 (v bk clay alt'd core)
				P						63.39	64.10	0.71	23724	25	20.1	42	- v bk core mod to int. clay alt'd
				M												9	- bx zone intl
																	- 8 whole core pcs
				M						64.10	65.61	1.51	23725	28	0.1	73	- incipient to mod clay alt'n
				F												9	- intly clay alt'd @ 65.35 - 65.61
																	- Fract: 45° (4 fcts)
																	- 12 whole core pcs (L 18 cm)

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Page No

Footage		Rock Type	Alteration							Assays						% RCVRY	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			
										85.60	87.10	1.50	23732	15	20.1		fine clay alt'd @ 85.60 - 87.10 (1.2m)	
																	96.70 - 87.10	
																	2 whole core pcs (L 12cm)	
				M						87.10	87.60	1.50	23734	59	<0.1	32	fine clay alt'd @ 87.10 - 87.29; 87.60 - 87.90	
				P												4	v. poor (recovery)	
																	3 whole core pcs (L 13cm)	
				M						88.60	89.10	1.50	—			92	Fract 145° (12cm)	
				P												2	fine clay alt'd @ 89.30 - 89.45	
																	13 whole core pcs (L 27cm)	
				F						90.10	90.80	0.70	—			93	blk core @ 92.65 - 90.80	
				M												5	flaw texture? (20°C.A) @ 90.40 - 90.65	
																	4 whole core pcs (L 31cm)	
																	Fels 60° (2ft.5)	
90.80	91.52	BX Zone		P	M					90.80	91.52	0.72	—			52	v. clay alt'd - textured core w/ minor silicification	
																9	light grey, soft core	
																	1 whole core pcs	
91.52	95.34	CHY																
																	fine gr. white, w/ brn. green + orange alt n min	
																	resembles diorite uphole, but much more felsic	
																	- contains many Cb VAI	5
																		2

Hole No. GC-24-179

Page No. 17

Footage		Rock Type	Alteration							Assays						% RCVRY	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			172
											103.80	104.80	1.50	—			94	Fract. 70-80° (2 fcs)
																	5	- 11 whole core pcs (< 23 cm)
			W	F	W						104.80	106.30	1.50	23740	38	<0.1	76	- (clay silting fract @ 104.80 (sub //, 3mm w, 19cm))
				M													9	- mod clay alt'd @ 105.10 - 105.20
																		- 20 whole core pcs @ 80°
																		- bk core @ 105.70 - 106.80
																		- 5 whole core pcs (< 32 cm)
																		- silicification @ 105.10 / sub //, 4mm w) bk core
				F							106.30	107.80	1.50	—			99	- 6 strags thrt intl / most sub //
				M													5	- 6 VN @ 107.30 (sub //, 3mm w)
																		- mod. clay alt'd thrt intl
																		- Fract. 30° (4 fcs) : 60° (2 fcs)
																		- 8 whole core pcs (< 25 cm)
				M							107.80	109.30	1.50	23741	70	<0.1	73	- mod clay alt'd thrt intl
				F													9	- 6 strags (most sub // fine)
																		- 6 VN @ 108.24 (sub //, 3mm w, 13cm)
																		- wk by texture thrt intl
																		- 11 whole core pcs (< 21 cm)
			W	M	W						109.30	110.40	1.10	23742	41	<0.1	83	- typical by texture @ 109.63 - 109.85
				F													5	- wk silification @ 109.60 - 109.63
1																		- mod clay alt'd @ 109.85 - 110.40 (± soft core)
2																		- 4 whole core pcs (< 18 cm)

Hole No. GC-95-178

Page No. 14

Footage		Rock Type	Alteration							Assays						% RCVR	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			
										110.40	111.90	1.50	—			87	10 VN @ 111.82 (30° 3mm w, 2cm l)	
																5	Fract: 30° 3 fctg; 60° 1 fctg	
																	- 2 whole core pcs (< 33 cm)	
										111.90	113.40	1.50	—			89	Fract: 45° 13 fctg; 60° 2 fctg	
																5	- 11 whole core pcs (< 18 cm)	
										113.40	114.50	1.10	—			71	12. green matrix	
																7	Fract: 30° (2 fctg); 70-80° (2 fctg); sub 11 (1 fctg)	
																	- 5 whole core pcs (< 20 cm)	
				F					TR 1	114.50	116.0	1.50	23742	27	<0.1	95	Gz VN @ 114.65 (sub 11, 1-1.5cm w, 3.9cm l.) w/ 16	
																9	mod. clay alt'd @ 115.05 - 115.30	
																	- 13 whole core pcs (< 18 cm)	
				F						116.0	117.5	1.50	—			79	Fract: 30° (5 fctg); 60° (1 fctg)	
																9	- 13 whole core pcs (< 14 cm)	
				P						117.50	119.0	1.50	23744	41	<0.1	93	mod to pervasive clay alt'n thru interval; textures	
				M												7	1 struct. phlit; v. rough surface, hardened core	
																	- 8 whole core pcs (< 23 cm)	
				P						119.0	120.5	1.50	23745	28	<0.1	100	SAAB	
				M												5	- 8 whole core pcs (< 33 cm)	
				P						120.5	122.0	1.50	23746	37	<0.1	90	SAAB; pk core @ 121.30 - 121.45	
				M												5	- 7 whole core pcs (< 36 cm)	

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DIAMOND DRILL LOG

- 6 whole core pcs

Hole No. GC-95-179

Page No. 2

Footage		Rock Type	Alteration							Assays						RCVRY	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		VI	D	d		41.5	41.85	0.35	23318	0.019	0.9	23	26 VN @ : - 41.54 (2 varieties: a. 45° 2-3 mm wide 3 cm long b) subvertical 1 mm wide 7 cm long)
									L								1 whole core pc
41.85	43.15	CLD TUFF															clasts ranging from 2 mm to 5 cm d; v. minor localized py; rare small qz vn; qz predominates among larger clasts; gradual decrease in clast size towards S+P lithology.
				F	W	W	D	B		41.85	43.15	1.30	23319	0.012	0.4	21	Gz VN @ : - 42.0 (320°, 1 mm wide 3 cm long v. minor)
							C									9	- 42.22 (20°, 1 mm wide 7 cm long v. minor) *- 42.94 subvertical 1.5 cm wide 4 cm long
																	CL VN @ - 42.43 (340°, 1-6 mm wide 4 cm long) - 42.47 (320° 4 cm wide 3 cm long; clast or vn?) - 42.50 (290°, 1.5 cm wide 7 cm long) - 42.54 (subvertical 1 mm wide 4 cm long) - 42.58 (subhorizontal 1-4 mm wide 4 cm long)
43.15	53.5	S+P TUFF															1 whole core pc. - X-litic rhyolitic tuff with a coarser unit around 51 m and some horn-sized clasts v. minor quartz veining
				F		W-M	S	p		43.45	44.34	1.19	23320	0.024	2.2	52	- py along carbonate vn @ 43.44 m @ 43.53 m: sudden increase in argillized + qz clasts, and start of zone of disseminated py 1 whole core pc. - breccia zone @ ~ 43.50 m - orange oxidation @ 43.52 m in bx. tuff - @ 44.08 m: bright yellow mineral (As-mineral?)

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 3-20
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	V	-	2		44.34	46.0	1.66	23321	0.006	0.4	90	Qz VN @ 44.5.03 '335°, 9mm wide, 2cm long, parallel. - 45.13 7=00°, 1mm wide, 4cm long; minor vn) Cb VN @ : 44.51 1310°, 1mm wide, 3cm long; minor.) - 44.54 (230°, 2-2 mm wide, 2cm long) BUFF @ : - 44.47 (340°, ~1cm wide, 11cm long, oriented parallel to prominent qz VN) 45.52 (340°, ~1cm wide, 4.5cm long, SAAH) 45.60 (340°, ~1cm wide, 5cm long, SAAH) - 2 whole core pcs	
				F	W	W	TR	2	W	46.0	47.5	1.5	23322	0.011	0.7	80	- Compositional banding (more felsic band) @ 46.16m and 46.88m - Qz VN: Very fine stringers @ : 46.54m (60'), 46.84 (20°) both < 1mm thickness - Cb VN/BUFF @ . 46.45 (330°, ~1mm wide, two subparallel stringers - compositional change @ 47.01m towards a more felsic tuff, followed by argillized zone (very broken) - buff and large lithic clasts @ 47.40 - 47.50m (lapilli to bomb sized clasts) : 11 whole core pcs	
				F		W	TR	✓		47.5	49.0	1.5	23323	0.064	7.6	76	- from 47.74 to 48.0m : thin (~.5cm wide) gray buff surrounds a lighter coloured, more intensely clay altered (softer) rhyolitic tuff pocket, resembling a xenolith fairly unbroken - intensely clay altered zone @ 48.0 - 48.15m - @ 48.15m : large black clast (basaltic ?) - minor cb bx-veining @ 47.68m - 5 whole core pcs	

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 26-27
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au	Ag ppm			
				F		W		Q		58.0	58.5	1.5	23330	0.00	0.6	31	- minor buff-colored clay @ 58.2 m (30" x mm with 15 mm)	
																9	- large ~ 4 mm ϕ soft grayish-buff @ 58.3 m and 58.42 m.	
																	- @ 58.62 m: black, v. fine grained tuff w/ white x and lithic clasts (1-5 mm ϕ) followed by ~ 10 cm of rhyolitic tuff	
																	- @ 58.82: again, black tuff, now broken down into small but competent chips	
																	- fault zone (highly clay-altd) @ 58.97 starting where black tuff ends	
																	- another interval of black tuff, broken into smaller yet (~ 1.5-1 cm ϕ) chips, @ 59.2 - 59.33 m	
																	- 6 whole core pcs.	
				F		W		Q		59.5	60.0	1.5	23331	0.030 off	1.0	44	- @ 59.90: black tuff (baml?), in contact w/ rhyolitic tuff,	
																9	until ~ 60.15	
																	- from 60.15 to 60.70 m this mafic tuff is broken down into small chips; the more rhyolitic tuff is clay-altered	
																	- Qz VN @ 60.35 m: broken chips of vn qz ranging from few mm to 1 cm ϕ	
																	- mafic tuff (unbroken) from 59.86 - 59.92 m; end of mafic tuff	
																	- 7 whole core pcs.	
61.0	64.0	S+P TUFF															X-lithic - rhyolitic tuff, light grey	
																	There are short intervals where clasts grade towards old texture, and back down to S+P	

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Footage		Rock Type	Alteration							Assays						Description	Page No. 5 20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au	Ag ppm		
				F		W				61.0	62.5	1.5	23332	0.005 (97%)	0.4	83	buff @ 61.15 (30° 5mm wide 2cm long)
																5	61.91 (subhorizontal ~6mm wide)
																	62.27 (215°, ~7mm wide 7cm long)
																	62.35 (315°, ~3mm wide 6cm long)
																	15 whole core pcs.
				F		W				62.5	64.0	1.5	23333	0.004 (97%)	0.4	71	buff @ 62.66 (subhorizontal 1-4mm wide)
																7	63.50 (330°, wavy, 3-10mm wide 17cm long, containing lithic and X clasts)
																	- colour/compositional banding: 63.80 - 63.90 m w/ fracture along light/dark interface subhorizontal
																	- the most mafic bands contain disseminated py (not black a). thin band (~3mm wide, subhorizontal)
																	5) thicker band, very undulose ranging in width from .5cm to 5cm.
																	- 6 whole core pcs.
64.0	85.7		Stockwork Zone (in S-P Tuff lithology)														
				A		W	TR	Z		64.0	65.5	1.5	23334	0.015 (97%)	0.7	78	* Qz VN @ 64.53 major qz vn zone
																7	- from 64.53 to 64.6m: subvertical qz vn, > .5cm wide, w/ fine chalcedony-type banding v. fine (< 1mm thick), not continuous layer of py along tuff/vn interface
																	- from 64.6 to 64.77 m: broken-up chalcedony vn w/ very few tuff fragments → major qz vn!
																	- 65.10m: minor, fine qz vn (30° 1-3mm wide wavy ~5cm long)
																	buff @: 64.05m (30°); 64.29m (30°); 64.40m (30°); 65.0m (30°)

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Page No. 2

Footage		Rock Type	Alteration							Assays					Description	Page No. 1-20	
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	TR			65.5	67.0	1.5	23335	0.008	0.7	65	Q2 VN: 2 very fine (2.2mm wide) qz vn @ 66.3m; all or broken core (orientation not identifiable)
																	- 2 correspond to each other
																	- 1 of more - transverse - qz
																	② 66.35: + para-qz vn (N30°, 2.5mm wide, 2.5cm long)
																	- dark buff @ 66.45m (40° 1-1.5mm (5cm long) gray
																	colour opaque, surrounded by softer yellowish buff mat'l (rb?)
																	- Buff @ 65.65 (subvertical ~15cm long); 65.83 (N30°)
																	65.95 (30°); 66.2 (45°) 66.80 (20°); 66.90 (330°)
																	- 14 whole pcs core
				F		W	TR	4		67.0	68.5	1.5	23336	0.013	0.9	82	Q3 VN @: 67.30 (30°, 3mm - 2cm wide, 10cm long, chalcodony qz)
																5	- 67.45 (330°, 2mm wide, 7cm long, in a weakly brecciated buff); there is silicification (wood) of buff, and small py xs in buff
																	- 67.97 (40° 5cm long); there is chalcodony qz (~5mm)
																	- on both sides of the grey buff mat'l (5-1cm)
																	- banded chalcodony
																	- 68.25: v. fine minor qz vn (2.1mm wide, 45° 10cm long)
																	cross-cutting a subhorizontal cb? vn (fine ~2mm wide)
																	- 14 whole pcs core
			M	F		W	TR	4		68.5	70.0	1.5	23337	0.04	1.4	76	Q2 VN @: 68.72: fine, wavy, chalcodony qz vn, ~2mm wide
																7	expands to ~5-2cm wide vn @ 68.88m, and continues subvertically, then branching out, until 69.65m. Then core is broken (there are large chalcodony vn fragments); ends @ 69.14m

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Page No. 2

Footage		Rock Type	Alteration							Assays					RCVRY	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	25
																		- 3.0°-27° 2 fine chalcedony in 1/2 subhorizontal ~2mm wide 5) subhorizontal wavy ~4mm wide
																		- 69.32-69.55m: strong silicification of tuff along qz vn - qz vn not easily distinguishable from silicified tuff
																		- 69.75 (subvertical but wavy) chalc vn, .5-1.5cm wide, 10 cm long) cross-cut by a series of fine subhorizontal fissures; no silicification along borders - Compositional banding 3 69.57 - 69.81 m: subhorizontal bands of v-fine grained gray matrix (containing ash-size lithic + x clasts, v-fine py banding). They constitute weakness zones, along which core fractures
																		- 15 whole core pcs.
				F			w	TR	3	70.0	71.5	1.5	23338	*0.009 (opt)	0.4		78	- clay alt'd, broken core @ 71.10 - 71.20 m
																	7	- Qz VN@: 70.10 (subhoriz, not continuous, ~1mm wide) 2 strands - 70.20 (subvertical to 30°, ~.5cm wide, wavy) w/ wk silicification of tuff on one side - 70.70: very fine, non-conspicuous 2 strands @ 60° + 315° Buff @ 70.60m (30°, 5mm wide, 10cm long) - 14 whole core pcs
									5	71.5	73.0		23339	*0.011 (opt)	0.9		70	Qz VN@: 71.60 - 71.80 (irregular orientation, .5cm wide) minor 71.90: 3 v-fine, wispy qz vn (~1mm wide) minor 72.0 (~30°, 2.2mm wide, 8cm long) minor 72.5 major
																		- BRECCIA ZONE w/ qz vn @ 72.15 - 72.30m: major chalcedony vn, idiomorphic (clay alt'd) semidure Xs, cut through by dark breccia-matrix mat'l

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Footage		Rock Type	Alteration							Assays						Description	Page No. 22	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			% RCVRY
				F		//		G		76.0	77.5	1.5	23342	50.923 (ppb)	0.4	89	Generally coarse clasts (~5cm) along w/ S+D lithol.	
																7	Qz VN @ 76.20 (50°, .5cm wide) underlain by buff	
																	76.53 (major VN (subvertical → 30°, >1cm wide ~22cm long)	
																	76.90 (silicified cb VN zone, ~12cm long, ± subvertical)	
																	77.1 (90°, .5cm wide) surrounded by thin (1mm) cb? VN	
																	77.11 (subhorizontal, ~.5cm wide)	
																	77.17 (45°, .5cm wide) underlain by buff (4mm)	
																	cb VN @ 77.05 (subvertical, 3mm wide, 8cm long)	
																	buff @ 76.70 (330°, 3mm wide, 9cm long)	
																	77.40 (subvertical, 8cm long)	
																	- 17 whole core pcs	
				F		W		I		77.5	79.0	1.5	23343	8.094 (ppb)	0.7	53	More typical S+D texture	
																	7	Qz VN @ 78.6-79.0 (subvertical, wavy, v. fine, ~1mm, surrounded by cb VN); minor, but long (continuous)
																		- silicification @ 78.12 m, along a fine cb VN
																		- Buff @ 77.95 (subvertical, ~1.5 cm wide, 10cm long)
																		- 9 whole core pcs
										79.0	80.46	1.16	23344	0.003 (ppb)	0.6	87	- From ~79.95 on there is a gradual change in litholay, towards CLP Tuff	
																	7	- silicification @ 79.70 (banded character; possibly VN, 10 cm long)
																		80.0 (SAAB, 5cm long)
																		- Bombs: 79.4 (8cm long x 4cm wide, gray, fine grained)
																		- 79.95 (10cm long x 4cm wide, black, homogeneous fine grained) basalt? surrounded by 1mm cb

- 18 core pcs

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 14-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
					W		TK	2		85.02	85.71	0.69	23349	1.006	1.0	80	0.24 alt'd zone @ 85.20 - 85.30	
							C									?	Gz VN @ 85.30 (on broken core; unknown orient.)	
																	85.60 (subvertical, 5mm - 1.5cm w. > 25 cm l.)	
																	transcrossed by buff/cb (30° 3mm w.)	
																	Buff @ 85.20 (subhorizontal)	
																	-12 where core pcs	
85.71	96.5	CLD Tuff		F		W			W								X-litic tuff w/ bimodal clast sizes (1 km mm d and .5 to 1mm d). Contact w/ S+P is gradational	
					-												light grey matrix	
				F		W		2		85.71	87.5	1.79	23350	0.007 (opt)	0.6	91	Sericitization @ 86.90 - 87.0 m (green-blue clay; broken core)	
																7	Gz VN @ 87.0 (on broken core; unknown orient.)	
																	87.3 (stricter ~20°, wavy, 3mm w, 8 cm l.)	
																	Buff @ 86.55 (subhoriz. 3mm w.)	
																	86.60 (30° + 330° ~3mm w, 10cm l.)	
								3?		87.5	89.0	1.50	23351	0.004	0.5	90	Gz VN @ 87.68 (minor on borders of a thick ~1cm w.	
																5	cb vn; possibly silicification of tuff/cb vn interface)	
																	- 87.78 (minor <5mm w. along a cb vn + a fracture	
																	at 30°	
																	- 88.4 (silicification along a cb vn, 45°, <1mm g3)	
																	Cb VN @ 88.7 (a) wavy; subvertical, 5mm w, 12 cm l.	
																	b) 330° 2mm w, 17 cm l.)	
																	SUFF @ 89.0 fracture along buff (25°)	

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 120
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
			W				%	Z		29.0	30.5	1.50	23352	0.003	0.3	75	-grades from CLD @ 29.0 into a finer (S+P-type) zone until ~ 29.8, where CLD texture is again discernable; increase in py cement (S+P type)	
																5	-clay sh @ 29.35 - 29.45	
																	O ₂ VN (miner) @: 29.85 (~60° 1mm w.) w/ by a cb vn	
																	90.06 (40° 1mm w.)	
																	cb vn @ 29.65 (40°, .5cm w.) minor silicification on/vn tuff borders	
																	-16 whole core pcs	
			M					w/m	3	90.5	92.0	1.5	23353	*0.006	0.6	69	G ₂ VN@: 90.73 (~30° dances orient., .5cm w.)	
								c								7	90.75 (Subhoriz., .5cm w.)	
																	91.75 (stringer, subvert, ~1 mm w., 12 cm l.) in a weakly silicified zone	
																	silicification @: 90.80 in the vicinities of a thick (>2cm) blue-gray buff; Silicification extends until ~91.05	
																	-91.62 at silicifn along fine cb stringers	
																	-9 whole core pcs	
			W/M						3	92.0	93.5	1.5	23354	0.003	0.3	90	BOMBS@: 92.0 (22cm l.); felsic - strong rock (rhyolite/rhyot. tuff?); w/ silicification of tuff on black borders	
																4	92.38 (~65 cm l.) v.felsic rhyolite (same flow texture/orient. of psmatic xs observable)	
																	G ₂ VN@: 92.4 (30°, 8 mm w., 8cm l.)	
																	92.54 / 20°, 3mm w., 20 cm	
																	92.64 series of stringers in multiple orient	
																	cb VN@ 92.6 (30°, .5cm w., 4cm l.)	
																	-12 whole core pcs	

Hole No.

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Footage		Rock Type	Alteration							Assays						% RCVRY	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			16-20
								I		93.5	95.0	1.5	23355	0.004	0.3	25	- Clay alt'd zone @ 95.20 - 95.40	
																3	G2 VN @ 93.55 (subvert to 30° 2-4 mm w, ~23 cm l.) w/ silicification of tuff around it	
																	C6 VN @ 93.95 (30° 1 mm w, 12 cm l.)	
																	94.92 - 95.30 : several stringers (generally 30° 2-4 mm w) largest vn: subvert	
																	9 whole core pcs.	
				F					W	95.0	96.5	1.5	23356	0.002	0.3	55	- Clay weathering (kaolinitic); white, unbroken and soft core)	
									M							8	From 95.0 to 95.90	
																	- Silicification @ 96.0 intense, extends > 15 cm, dense core (bluish colour, containing euhedral clasts of felsic mins rare py, late C6 vn, euhedral voids)	
																	Buff (black, v. fine-gr.) @ 95.95 m	
																	C6 vn @ 96.25 : a series of minor stringers + sericification (wk)	
																	- Bx2 zone @ 96.20 (v. broken, partially clay alt'd core)	
																	8 whole core pcs.	
96.5	100.74	"Dense" S+P TUFF															- Grading into a different texture: matrix is getting darker down-hole (greater vitric content), w/ a more "dense" content of clasts (especially felsics)	
																	Absence of large clasts, but also of the S+P "look"	
																	- Greater abundance of py (still a minor constituent)	
																	- Generally denser core	
																	- Transition towards lighter coloured, less "min. density"	
																	from 100.74 - 101.4 (weak banding noticeable)	

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	* RCVRV		
								2		96.5	98.0	1.5	23357	0.002 _(ppt)	0.5	67	- wk clay alt'd @ 96.75 - 97.05 - 2 VN@ 97.55 (minor clay or broken core ~ 2-4mm w.) 97.80 (subvertical, 2 mm w., >18cm l.) Cb VN@ 96.55 to 96.70 : Several broken poorly connected vns (30°-50°) - 8 whole core pcs	
							1-2	6		98.0	99.5	1.5	23358	#0.002 _(ppt)	0.5	86	Qz VN@ 98.0 (subvertical, 1 cm w., 10cm l.) Z 98.50 (50°, 5mm w.) 99.70 (30° to subvert., 5mm w., 20cm l.) crossing (cutting) an earlier, fine (2mm w.) subhoriz. or vn 99.90 (50°, 1cm w.) wr Cb band on uphole side. - tuft contacts pyritized + wkly silicified 99.0 (subv. to 20°, 5cm w.; ~20cm l.) 99.35 (subd., >5mm w., 10cm l.) obs there is a conspicuously pink min? in the vicinities Cb VN@ 98.65 (subvert., 1mm w., 10cm l.) 96.75 (30°, 1-2 mm w., 15cm l.) - 12 core pcs whole	
								4		99.5	100.74	1.24	23359	#0.002 _(ppt)	0.5	89	Qz VN@ 99.5 (Subvert., 2mm, ~40cm long) w/ a band c' cb in core 100.0 (a) 25°, 2-4mm on each side of a Cb band/vn 15cm l. b) 25°, 2-3mm " " " " " , 5cm l.; e) 330°, SAAg, 8cm l. Py/VN@ 100.27 (subvert., wkly silicified 3mm w., 27cm l.) - 8 core pcs whole	
100.74	110.64	S+P Tuff															light / med grey, equigranular clasts, enriched in py (compared to uphole S+P units)	

Footage		Rock Type	Alteration							Assays						X RCVRY	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				2-3	φ		109.5	109.5	2.0	23361	0.002	0.2	93	-Feilic block @ 109.5 (tabular, 4cm across, 45°)
																E	cb vn @ 109.9 (70° <1mm) accompanied cu pyritization
																	-109.13 (70° 3mm w.) downhole border strongly silicified (over 1.5cm); core fractured along vn
																	-108.3 (subhoriz. <1mm w.) w/ pyritization
																	-108.42 (subhoriz. <1mm) " " fracture along vn
																	-7 whole core pos.
			W				2-3	φ		109.5	110.64	1.14	23365	0.003	0.3	90	Grading into coarser clasts → CLP
																5	Silicificatn @ 109.79 along down hole border of a
																	cb vn (30°); the silicified area contains localized pyritization
																	-2 fractures @ 30°
																	-6 whole core pos.
110.64	111.70	CLP TUFF															X-like tuff; bimodal clast size distribution
			W					φ		110.64	111.70	1.10	23366	0.002	0.3	87	Silicificatn @ 111.70 (along 30° cb vn) contains
																3	v. fine, sparse py ls.
																	-from 111.30 - 111.70: several py veins (30° to subvertical) are silicified
																	cb vn @ 111.90 (30°, 3mm w., 12cm l.)
																	111.10 (30°, 1-2mm w., 6cm l.) along fracture
																	111.15 (30°, 1mm w., 4.5cm l.) " "
																	111.25 (45°, wavy, 2mm w., 8cm l.)
																	111.33 (325°, wavy, 2mm w., 8cm l.)
																	111.50 (30°, wavy, <1mm w., 10cm l.)

Hole No.

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 20 - 25
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
111.70	116.74	S+P																@ 111.70: strongly clay alt'd zone until 112.74, where S+P texture becomes conspicuous
		TUFF																

116.74 EOH END OF HOLE

DIAMOND DRILL LOG

9 whole core pcs ($< 14\text{cm}$)

Page No.

Footage 10		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	% RCVRY	
				F			C	Z		54.0	55.5	1.5	23379	0.012	1.0	22	- coarsest clasts (1.5-1.0mm) @ 54.2-54.20
																7	- Qz VN @ 54.5 (50% // 4mm w 2cm l.) - 54.80 (330° 2.3mm w 20cm l.) in a litholgy slightly different from typical S+P w/ larger clasts, less clay alt. of spars - back to typical S+P texture @ 54.55 - Qz VN @ 55.25 (330° 2mm w 9cm l.) in w/ky bre zone - larger broken phenocrysts - clay seam @ 55.40 (20° to sub// 1mm w 10cm l.)
55.50	56.40	RHIX							2	55.50	56.40	0.90	23380	0.022	1.5	41	Brecciated transition from S+P into CLP (core is severely broken) Qz VN on broken core @ ~ 55.80 + 56.10 Clay alt'd (severely; fl gauge?) @ 56.15 w/ strong sericitization of Kspars Qz VN @ 56.25 (sub//, 5mm w 8cm l.) 1 whole core pc
56.40	64.92	CLP															phenocrasts range from .4" to 1.5cm d
		TUFF															Transition from CLP to S+P somewhere within a clay alt'd zone @ 63.5 - 64.92 m
				F					3	56.40	57.5	1.10	23381	0.024	1.0	66	clay alt'd @ 57.30 - 57.35 (sericitization) Qz VN @ 56.40 (sub//, 4mm w 25cm l.) on a w/ky bre zone 57.0 - on broken core (possible 30°, 5mm w, 12cm l.) 57.08 (30°, 5mm w, 10cm l.) 7 whole core pcs

Hole No. 6C-95-180

Page No. 15

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 5-15
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
						u		1		58.5	59.05	1.55	23382	0.013 (OPT)	1.0	39	Clay alt'd @ 58.93-59.0	
																5	60.11 @ 58.55 (10x 200 l.)	
																	52.92 (330° 2mm w. 18cm l.)	
																	58.22 (30° 4mm w. 22cm l.)	
																	G ₂ VN @ 58.76 (30° 4-6mm w. 8cm l.)	
																	6 whole core pcs (< 60cm)	
						F	M		1	W	59.05	60.5	1.45	23383	*0.036 (OPT)	1.0	39	Clay alt'd (intensely broken core) @ 59.72 - 60.35
						P				L							9	G ₂ VN @ 60.20 (subll, > 3cm w. 110cm l.) on broken core
																		Cb VN (30° 2vn) @ ~ 59.3
																		5 whole core pcs (< 8cm)
						F	W-M	Tr	2		60.50	62.0	1.5	23384	*0.022 (OPT)	0.8	74	G ₂ VN @ *60.75 (subll, 4mm w. 86cm l.) } possibly same
																	7	61.50 (subll, 2-5mm w. 13cm l.) } vn
																		- both contain Cb vn
																		Silicification (intense) @ 61.90 : contains minor py
																		strgrs + cb strgrs
																		5 whole core pcs
								C	1		62.0	63.39	1.39	23385	*0.010 (OPT)	0.7	57	Clay alt'd @ 62.9-63.39 (severely bk core)
								1									9	G ₂ VN @ 62.90 (on bk core; unknown orient; 6cm l.)
																		1 whole core pc (10cm l.)
						P					63.39	64.92	1.53	23386	0.013 (OPT)	0.9	58	Whole interval is strongly clay alt'd
																	9	@ 64.10 a felsic bomb? is barely discernible
																		(~ 9 x 12 cm)
																		6 whole core pcs (< 20cm)

Page No. 2 - 5

Footage		Rock Type	Alteration								Assays						% RCVRY	Description	Page No. 2 - 5
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
64.92	66.5	SLD TUFF																	

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 7-15
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
				F			C	Z		70.65	72.0	1.35	23391	*0.003 _(ppt)	0.5	64	Qz VN@ 71.0 (50°, 2cm w.)
																9	69.9 (40°, 5mm w., 7cm l.)
																	few sub// Cb strgs ~ 70.70 - 70.90
																	- 10 whole core pcs (< 15 cm)
72.0	77.0	S+P TUFF															finer clasts
								2									
										72.0	74.06	2.06	23392	*0.002 _(ppt)	0.5	41	core missing (especially between 72.5 and 74.06)
																5	silicificatn @ 72.10 - 72.16 ; 72.30 - 72.36
																	Qz VN@ ~ 73.80 (broken core)
																	74.0 (bk core)
																	Cb VN@ 72.0 (30° strgr)
																	- 8 whole core pcs (< 12 cm)
							1			74.06	75.5	1.44	23393	*0.002 _(ppt)	0.5	65	Qz VN@ : 74.85 (330°, 3mm w., 15cm l.)
																7	Cb strgs : 74.35 (sub//, .5mm, 18cm l.)
																	several @ 75.2 - 75.5 (most sub//)
																	- 4 whole core pcs (< 20 cm)
							1	1		75.5	77.0	1.5	23394	*0.002 _(ppt)	0.4	85	Qz VN@ 76.7 (sub//, 3mm w.)
																5	Cb strgs (sub//, 1mm w) several @ 76.2 - 76.7
																	- 8 whole core pcs
77.0	81.5	CLP TUFF															gradational contact w/ S+P above

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 8- 15	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb				Ag ppm
								4		77.0	78.5	1.5	23395	0.003 (ppt)	0.2	57	Qz VN@ 77.0 (sub//, 3mm w., 15cm l.)	
																7	77.5 (70°, 4mm w.)	
																	77.11 (stringers on bk core)	
																	* 77.62 (30°, 6mm w., 12cm l.)	
																	Slickensides @ 77.60 (sub//)	
																	Cb VN@ 77.45 (330°, 1mm w., 10cm l.) w/miner	
																	silicification around borders	
																	7 whole core pcs (< 20 cm)	
								1	1	W	78.5	80.0	1.5	23396	0.002 (ppt)	0.3	36	Generally finer clasts: texture intermediate to CLP+ St
																	9	Intense clay alt'n from 78.65 - 79.60
																		Qz VN@ 79.20 (on broken core; unknown orient.)
																		- 3 whole core pcs (< 12 cm)
								W										
								2		80.0	81.5	1.5	23397	0.004 (ppt)	0.4	75	Clay alt'd @ 80.70 - 80.77	
																	7	Qz VN@ 80.45 (bk core; unknown orient.)
																		81.35 (2 stringers; a) 20°, 2mm w., 7cm l.
																		b) 30°, 2-3mm w., 6cm l.)
																		Cb strgr @ 80.95 (330°, 1mm w.)
																		Cb VN@ 80.80 (330°, 5mm w., 15cm l.) along w/ buff
																		- 7 whole core pcs (< 18 cm)
																		- grading down to StP lithology
81.5	83.21	S+P						Tr		W	81.5	83.2	1.70	23398	0.002 (ppt)	0.3	76	Clay alt'd @ 82.05 - 82.20
		TUFF															7	Qz VN@ 81.53 (45°, < 1mm, 6cm l.)
																		83.0 (bk core; unknown orient., ~6mm w.)
																		83.10 (bk core)
																		* 83.15 (30°, > 4cm w., 5cm l.)
																		- 10 whole core pcs (< 17cm)

Footage		Rock Type	Alteration								Assays					% RCVRY	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	P		W-M	C	∅	W	88.0	89.3	1.2	23402	0.003 (ppt)	0.4	46	- Clay alt'd @ 88.35 - 88.50 ; 89.10 - 89.20
							1									9	Interval overall moderately clay alt.
																	- Black clay seam @ 88.25 (subll, 3cm w., 10cm l.), soft
																	- Cb stringers @ 88.55 (330°, 1mm w., 6cm l.)
																	88.60 (2 stringers, SAA8)
																	Cb VN @ 89.25 (bk core, unknown orient);
																	minor silicification along borders
																	- 5 whole core pcs (< 10 cm)
89.30	90.5	CLP															Increase in clast sizes
		TUFF															
							C	1		89.3	90.5	1.2	23403	*0.003 (ppt)	0.5	87	2nd stockwork zone starts here
																7	Clay alt'd @ 90.05 - 90.10
																	Qz VN @ 89.7 (starts @ 30°, but another vn goes off @ 65°; .5 - 2.5 cm w., 15 cm l.)
																	Buff (w/ abundant py) @ 90.35 (subll, 2-4 mm w., 15 cm l.)
																	Cb stringers @ 89.40 (subll, < 1 mm w., 15 cm l.)
																	89.60 series of stringers (30°, < 1 mm, wavy)
																	- 10 whole core pcs (< 14 cm)
90.50	93.50	S+P															finer clasts; gradational contact w/ CLP above
		TUFF															
			M				2	1		90.5	92.0	1.5	23404	*0.002 (ppt)	0.4	90	Clay alt'd (bk core) @ 90.5 - 90.83 (core missing)
																	7
																	Qz VN @ 91.0 (subll, > 10 cm w.) contains ~1% py; bluish color (oxidation); uphole border has a 1mm black clay seam, + ~4cm silicification of tuff;

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 11-15
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
																		- downhole border has w/ silicificatn of tuff
																		silicificatn @ 91.80
																		Cb vN @ 89.90 (30°, 2mm w, 10cm long)
																		- from 91.5 - 91.40: series of Cb strgrs, all @ 30°;
																		core fractures along Horn
																		- 91.60 (sub //, 2mm w, 16cm l.)
																		- Sub // "clay seam"? @ 91.80
																		- overall increase in py in clasts
																		- 12 whole core pcs (< 20 cm)

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 12-15	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
																		Buff @ 94.14 (45°, 5mm w) core fractured along it
																		Fracture (30°) @ 94.95
																		- 9 whole core pcs (< 30cm)
									</									

Footage		Rock Type	Alteration								Assays						% RCVRY	Description	Page No. 13-15
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
98.10	101.0	CLP																- gradual increase in clast size from S+P	
		TUFF																	
						M		I	W	98.10	99.5	1.40	23410	0.002	0.2	64		Clay alt'd @ 99.0 - 99.25 (v. bk core) w/ blue sericitization (intense) @ 99.0	
																8		Fractures @ 98.18 (65°); 98.7 (30°)	
																		Qz VN @ 98.4 (45°, 6mm w, 3cm l.) core fractured along it	
																		Clay seam @ 98.70 (30°, 1cm w, 7cm l.)	
																		Cb strgrs @ 98.55 (subff, 2mm w, 10cm l.)	
																		7 whole core pcs (< 17 cm)	
						B				99.50	101.0	1.50	23411	0.002	0.2	72		Clay alt'd @ 100.50 - 100.63	
																5		Fractures 99.80 (40°); 99.85 (35°); 100.15 (35°); 101.22 (40°); 100.70 (60°); 100.88 (35°); 100.98 (65°)	
																		Qz VN @ 100.73 (30°, 3-5mm w, 7cm l.) w/ silicification (wk) of downhole 1.5 cm (silicified zone enriched in py)	
																		100.80 (20°, 2mm w, > 8cm l.) w/ thin (5 mm py enriched silicified band around it	
																		Clay seam @ 100.32 (40°, 1cm w, 10cm l.)	
																		Cb strgrs @ 100.4 - 100.55 (subff)	
																		100.92 (40°, 1mm w, 7cm l.)	
																		10 whole core pcs (< 26 cm)	
101.0	101.5	S+P								101.0	101.5	0.5	23412	0.001	0.1	96		Fractures: 60° (6 fractures), 45° (2 fractures)	
		TUFF														3		CbVN+buff @ 101.40 (20°, 7mm w, 10cm l.)	
																		- 2 felsic bombs (~ 10-30 cm Ø)	
																		- 11 whole core pcs (< 10 cm)	

[illegible]

DIAMOND DRILL LOG

Hole No.: GC-95-181		Grid: MAIN		Claim: CANYON Z / YA 75718		Page 1 of 20												
Depth: 142.65 m		Coordinates - Northing 9+976.5N		Bearing: 200° / GRID SOUTH		Date Started: SEPT 5, 1995												
Angle: - 60°		- Easting: 10+287.5E		ELEVATION: 837m		Date Completed: SEPT 6, 1995												
Core Size: NQ		Dip Tests:		DRILLED BY: E. CARON D.O. / VAL D'OR		Logged By: ALF												
Footage		Rock Type	Alteration								Assays					% RCVRY	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	55.08	OVB																Till
55.08	60.10	CLP TUFF																X-lithic tuff, Med. grey groundmass, Rhyolitic composition. Bimodal clast size (avg: 1mm + 5mm). High py content (up to 7-10%). Fairly unaltered (except for along fractures + bomb contacts)

Hole No. 4C-95-181

Page No. 3 - 20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 3 - 20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
							7	Ø	W	61.5	62.66	1.11	23424	0.001	0.3	82	Clay alt'd @: 61.5-61.65 (mod. alt'n)	
																3	62.5-62.66 (mod-intense alt'n)	
																	Fractures: 60° (1 fct); 70-80° (2 fcts)	
																	- Felsic block @: 62.30 (15cm w.; irregular shape; rhyolite)	
																	- 5 core pcs (< 24cm)	
62.66	66.0	WELDED															Et gouge zone; v. broken core + mod-intense clay alt'n	
		RHYT															Eutaxitic texture more evident	
		TUFF																
										62.66	63.0	0.46	23425	0.001	0.3	73	Mod. clay alt'n throughout interval, obliterating fractures	
																8	@ 61.55: welded tuff block on S+P (fine gr., creamy grey)	
																	- block is surrounded by ~ 3mm w. dark brown-grey clay layer	
																	- 61.80 - 62.13 bx/gouge (med. grey, v. broken, moderate clay alt'n)	
																	- 62.15 - 62.25: welded tuff texture	
																	- 62.25 - 62.50: med. grey bx mod. clay alt'd	
																	- @ 62.50: sericitized cb zone (45°, 5cm w) containing qz + fsp + pl xs; followed by 1.5cm of grey, banded seam (cb?)	
																	- 65.60 - 66.0: complex texture; v. fine grained (resembles shale), dark br-grey, exfoliating tuff, w/ an intensely clay alt'd (lt blue-grn, w/ fresh felsic + pl phenoxs) zone (12 x 5 cm)	
																	- 10 whole core pcs (< 22cm)	

Hole No. GC-95-181

Page No. 4-20

Footage From (m) To (m)		Rock Type	Alteration								Assays					% RCVR	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										63.0	64.5	1.5	23426	<0.001	0.3	30	Fractures: 45° (3 fets)
																9	Qz VN @ 63.10 (70°, 1 cm w.)
																	- v. intense alt'n @ 63.11 - 63.17: olive green (sericitization)
																	1 cm w. w/ dark blue-green alt'n in middle (3-4 cm)
																	- white clay alt'n + intense pyritization (minute py xs disseminated) @ 64.40-64.50
																	- 7 whole core pcs (< 8 cm)
				F				7-10		64.5	66.0	1.50	23427	<0.001	0.2	70	Much less tortured welded tuff, w/ localized intense
																8	clay alt'n @: 65.0 - 65.02; 65.10 - 65.13; 65.40 - 65.45; + 65.70 - 65.83.
																	- Espars intensely clay alt'd (kaolinitization)
																	- 9 whole core pcs (< 10 cm)
66.0	73.0	CLP															Light grey gdmass; bimodal clast distribtn
		TUFF															minor qz VN in this unit
										66.0	67.5	1.5	23428	0.001	0.1	72	Clay alt'n @ 66.30 - 66.60 (bk core)
																7	Fractures: 45° (1 fct.); 70-80° (2 fets); 30° (1 fct.)
																	- More felsic zone @ 67.05 - 67.25
																	- Cb strgs @ 67.20 (various orient)
																	- 8 whole core pcs (< 15 cm)
								2-10	1	67.5	69.0	1.5	23429	0.002	0.4	64	Clay alt'd @ 67.60 - 67.85 (intense)
																9	Fractures: 30° (1 fct.); 70-80° (3 fets)
																	Qz VN @ 68.5 (40°; 1 cm w, 10 cm l.) (Cb + py along borders
																	- w/ky silicified zone @ 67.70 + 68.80 (on both sides
																	of clay alt'n; each ~5 cm w.)

Page No. 5-20

Footage		Rock Type	Alteration								Assays						% RCVRY	Description	Page No. 5-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
																		Cb VN @ 68.27 (45°, .5-1cm w, 12cm l.) w/ abundant py	
																		Cb strgs @ 68.70 - 68.90 (various orient.)	
																		- 6 whole core pcs (< 15 cm)	
				F				7	1		69.0	70.5	1.5	23430	*0.002	0.4	33	Clay att'd @ 69.0 - 69.35	
																	9	Fractures: 45° (2 fract.) ; 30° (1 frt.)	
																		Gz VN @ 69.15 (on v. bk core; unknown orient.)	
																		Cb band @ ~70.10 (.5 pbw., ~3cm w)	
																		3 whole core pcs (< 10 cm)	
											70.50	71.83	1.33	23431	*0.006	1.0	74	clay att'd @ 71.0 - 71.15	
																	9	- No conspic. preferd fract. orient	
																		- Gz VN @ 71.2 (bk core ; unknown orient.) w/ abundant	
																		py along borders	
																		felsic bombs @ 71.40 (~10cm w.) + 71.66 - 71.83 (hyalite,	
																		fine gd)	
																		- 5 whole core pcs (< 13 cm)	
											71.83	73.0	1.17	23432	0.030 (OPT)	1.3	55	- Whole interval int'sun clay att'd ; obliterated structures + textures	
																	9	Cb strgs ~ 72.10 (30°)	
																		- 8 whole core pcs (< 9 cm)	
73.0	90.65	S+P																Finer gd ; still py ~ 7-10% ; abundant qz stockworks	
		TUFF																Start of stockwork (core) zone	

Hole No. GC -95-181

Page No. 6-20

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 6-20	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
							10	3		73.0	74.5	1.5	23433	*0.056 (ppt)	2.0	48	Clay alt'd @ 73.10 - 73.76	
																9	Fractures: sub// (1 frct); 70-80° (2 frcts)	
																	Qz VN @ 73.10 - 73.76 (on bk core; unkn. orient.)	
																	74.25 (sub⊥, 1 mm w.) w/ cb	
																	74.45 160°, 2 mm w.) w/ cb	
																	cb VN @ 73.76 (sub//, 2-5 mm w., 20 cm l.)	
																	74.35 (series of strgs, various orient.)	
																	- 4 whole core pcs (< 8 cm)	
							7-10	1		74.5	76.0	1.5	23434	0.869 (ppt)	23.8	40	Bx zone @ 75.10 - 76.0; tortured core	
																	9	Fractures: 70-80° (2 frcts)
																		- Black "clay" seam (v. alt'd; soft) @ 74.6 - 74.65 (sub⊥)
																		- cb strgs @ 74.85 - 74.95 (various orient.)
																		* Qz VN @ 75.5 (on tortured bx zone; unknown width & orient.)
																		- 3 whole core pcs (< 8 cm)
										76.0	77.5	1.50	23435	*0.033 (ppt)	1.5	27	Generally tortured interval, but no bx texture observed	
																	9	Fractures: 45° (1 frct.), sub// (2 frcts), 30° (1 frct.)
																		- Significant decrease in py concentration down hole, to ~4% @ 77.50
																		∅ whole core pcs.
							7	2		77.5	79.0	1.5	23436	*0.030 (ppt)	1.5	50	Clay alt'd @ 78.85 - 79.0	
																	8	Fract: 20° (2 frcts); 70-80° (2 frcts)
																		Qz VN @ 77.85 (on bk core; unkn. orient.)
																		78.70 (SAAB)
																		cb strgs @ 78.40 - 78.50 (sub// to 20°)
																		- 7 whole core pcs (< 8 cm)

Hole No. GC-95-181

Page No. 7-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 7-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
							5-7			79.0	80.5	1.5	23437	0.082 (ppb)	6.1	63	Fract: 45° (2 fets) ; 30° (2 fets)	
																9	Cb strgs @ 79.50 - 79.60 ; 80.0 - 80.30 (various orient)	
																	@ 3 VN @ 79.65 (25°, 1cm w, 10cm l.) continues on bk core	
																	- 10 whole core pcs (< 8cm)	
							2-3	1		80.5	82.0	1.5	23438	0.093 (ppb)	7.7	56	Fractures: 30° (3 fets) ; 45° (1 fct.) ; 70-80° (1 fct.)	
																7	Weakly bx zone @ 80.50 - 80.62	
																	Cb strgs @ 80.65 - 80.90 (30° to subh)	
																	Cb VN @ 80.90 (30°, 1.2cm w, 7cm l.)	
																	Clay seam @ 81.85 (30°, 1.3mm w, 9cm l.)	
																	@ 3 VN @ 81.95 (30°, 1.5mm w, 5cm l.)	
																	Significant reduction in py content downhole	
																	Downhole, s+p tuff has increasingly glassy matrix (smoother surface)	
																	- 9 whole core pcs (< 15cm)	
							0	1	1	82.0	83.5	1.5	23439	0.245 (ppb)	10.9	39	- clay all'd (intense) @ 83.21 - 83.50 (contains v. textured	
																9	qz + v. strong kaolinitization	
																	Fractures: 70-80° (1 fct.)	
																	@ 3 VN @ 82.0 (subh, on bk core, minor)	
																	- Clay seam (darker grey) @ 82.15 (20°, 1cm w, 4cm l.)	
																	- Cb strgs @ 82.15 - 82.40 (most @ 30°)	
																	Cb VN @ 83.0 (on bk core; unknown orient.)	
																	- 5 whole core pcs (< 10cm)	
																	- low py content in this interval	
																	- still smooth surface (glass-rich matrix)	

Page No. 8-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 8-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
										83.5	85.34	1.94	23440	*0.91 _(OPT)	1.4	27	Core missing.	
																9	clay alt'd @ 84.10 - 84.50 (intense alt'n; muddy aspect)	
																	CbVN + buff @ 85.10 (sub//, 8mm w, 11cm l.)	
																	cb strgs @ 85.0 - 85.34 (sub// to 30°)	
																	.5 whole core pcs (< 17cm)	
																	- slickensides (30°) @ 83.50	
								1-2	1	w	85.34	86.5	1.16	23441	*0.025 _(OPT)	2.9	94	Derrasive clay alt'n @ 85.50 - 86.50
																	7	- pastel-blue clay alt'n (v. intense; soft mud consistency) from 85.50 - 85.65
																		Fractures: 30° (2 fts)
																		- dk grey clay seam @ 85.60 (30°, 1cm w, 12cm l.)
																		- felsic rk pervasively clay alt'd @ 86.11 - 86.5, w/ wk sub// fcs. + darker grey banding (45°)
																		- 8 whole core pcs (< 14cm)
																		Gz strgs @ 85.38 (30°, 1mm w, 3cm l.)
								Tr	2	w	86.50	88.0	1.5	23442	*0.101 _(OPT)	2.1	80	2nd stockwork zone starts here.
																	5	Moderate clay alt'n @ 86.50 - 87.0, especially along dk grey clay seams (30°, 6mm w)
																		Fractures: 45° (3 fts); 70-80° (1 ft).
																		Gz VN @ 87.0 (sub//, > 4cm w, 26cm l.) lacks typical chalcedony aspect (isogenous banding)
																		- 87.65 - 87.75 on v. bk core; bx?
																		CbVN @ 87.75 (sub//, 2mm w, 20cm l.)
																		- 1/2 whole core prs (< 23cm)
																		- Typical STP texture ("rough" surface)

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Page No. 9-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 9-20
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	TR	Z		88.0	89.5	1.5	23443	6.024 (OPT)	1.5	96	Clay alt'd @ 88.0-88.10 (mod-wk alt'n; soft, unbk core)	
																3	Fract only along VN's + seams	
																	Clb strgr @ 88.30 (30°, 2mm w., 12cm l.); 89.40 (20°, 1mm w., 10cm l.)	
																	-black, v. fine-grd, tuft (phenocrasts < 1mm Ø, felsic)	
																	@ 88.70-88.73, contains a sub// Clb strgr that is	
																	fractured along 30° fr., + a bluish-grey (dk)	
																	clay seam/buff (< 1cm w.)	
																	- 88.88-89.20 (sub// borders, relatively unalt'd, irregular contour)	
																	Qz VN @ 89.26 (30°, 3cm w., 8cm l.)	
																	89.31 (45°, 3mm w., 4cm l.)	
																	-wk by zone between the 2 black tuft layers	
																	- 8 whole core pcs (< 28 cm)	
																	"rough" surface S+P	
									Q W	89.5	90.65	1.15	23444	0.021 (OPT)	1.0	98	-Grading into CLP texture	
																5	-Clay alt'd @ 90.07-90.10 (intense; mud aspect)	
																	Fract: 30° (2 fracts); 70-80° (3 fracts)	
																	- 9 whole core pcs (< 16 cm)	
90.65	98.50	CLD							W									
		TOFF																
																	typical bimodal gn size distribution @ 90.65-	
																	91.45 (start of unit) 98.0-98.30 (end) + 93.5-94.10	
																	- in between those sections, textures are	
																	severely obliterated by clay weathering	
																	- surfaces are "rough"	
																	- low py content (TR - 2%)	

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Page No. 10-20

Footage		Rock Type	Alteration							Assays					% RCVR	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
							TR	✓	W	90.65	92.0	1.35	23445	*0.010 (OPT)	1.0	67	Fets obliterated by clay alt'n
																5	whole int'l moddy clay alt'd
																	- dark grey firegd bomb @ 91.41 (~25cm l.) surround
																	ded by black clay (1cm w.)
																	cb strgr @ 90.75 (v. wavy)
																	- 5 whole core pcs (< 40 cm)
										92.0	93.5	1.50	23446	*0.048 (OPT)	1.7	53	Clay alt'd (intense) @ 92.0 - 92.50, w/ moderate
						m	TR-1	✓	W							8	sericification; fractures obl't.
																	Q3 VN @ 92.80 - 93.5 (2 sub// VNs, > 1cm w) on
																	moderately clay alt'd core
																	- 5 whole core pcs (< 42 cm)
							TR	✓	W	93.5	95.0	1.50	23447	*0.056 (OPT)	1.7	31	clay alt'd @ 94.90 - 94.10
																9	- Bx zone ~ 94.0 - 94.50 (coincident w/ q3 VN)
																	- Q3 VN @ 94.0 (v. black core; bx zone, ~50cm l.)
																	- 3 whole core pcs (< 15 cm)
				P				✓	W	95.0	96.5	1.50	23448	*0.045 (OPT)	1.1	87	intense clay alt'n throughout interval; all textures
																7	+ structures obliterated
																	- 9 whole core pcs (< 29 cm)
				P				✓	W	96.50	98.0	1.50	23449	*0.027 (OPT)	1.2	74	- intense clay weathering; obliterated textures + structures
																9	- Q3 VN @ 96.50 (bx core; unknown orient.)
																	- 96.86 (sub//, 6mm w, 15cm l.)
																	cb strgr @ 97.6 - 98.0 (sub// fire)
																	- 10 whole core pcs (< 20 cm)

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Page No. 11-20

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 11 - 20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
								Ø		98.0	98.50	0.50	23450	*0.026 (OPT)	1.0	96	unaltd from 98.0 - 98.50
																5	Fract: 45° (1 fct.) ; 70-80° (1 fct.)
																	Cb strgss @ 98.30 - 98.50 (several fine, sub// strgs)
																	- 7 whole core pcs (< 11 cm)
																	Grading into StP tuff
98.50	104.20	StP TUFF															- fine phenocrasts
																	- contains major qz VNs
																	- mod. to intense clay alt'n throughout this unit
							TR	I	W	98.50	100.0	0.50	23451	*0.019 (OPT)	0.8	63	mod clay alt'n throughout intvl; struct. oblit.
																9	Qz VN @ 98.80 (sub//, 1-4cm w, 72cm l.)
																	- v. broken core @ 99.05 - 99.35
																	Cb strgs @ 99.70 - 99.90 (sub//, w/ dk grey buff)
																	98.50 - 98.65 (20°, 2mm w, 10cm l., w/ black buff)
																	- 8 whole core pcs (< 22 cm)
							TR	I	W	100.0	101.50	1.50	23452	*0.025 (OPT)	1.3	53	- mod to intense clay alt'd intvl.; oblit. struct.
																9	- Qz VN @ 100.50 (sub//, 72cm w, 17cm l.) on bk core
																	- bomb @ 101.0: intensely clay alt'd, surrounded by black clay (1cm w); ~20cm l.
																	- 6 whole core pcs (< 10 cm)
										101.50	103.0	1.50	23453	*0.078 (OPT)	1.7	68	- strong clay alt'd @ 102.70 - 103.0 (v. bk n core)
																9	< 101.55 - 101.70 (muddy aspect)
																	- moderately clay alt'd throughout rest of intvl; struct oblit.
																	- Qz VN @ 101.50 - 101.65 (v. bk, bx zone)
																	101.80 - 101.85 (v. bk, bx)

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Page No. 12-20

Footage		Rock Type	Alteration								Assays					% RCVRY	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			TR		W								* 102.50 (bk core; looks sub//, ~2-3 cm w, 22 cm l.) w/ weak silicification along borders + typical chalc. banding Cb strgs @ 102.40 (30°, 1 mm w., 10 cm l.) - 4 whole core pcs (< 30 cm)
							TR	Z		103.0	104.20	1.20	23454	*0.020 (OPT)	2.0	40	Intense clay alt'n @ 103.0 - 103.30 + 103.90 - 104.10 mod. clay alt'n throughout rest of int'l Fct: 30° (1 fct); 70-80° (2 fcts) Qz VN @ 103.25 (v bk core; unknown orient.) * 103.70 (sub//, > 4 mm w., 10 cm l. then on bk core for ~20 cm) w/ wk silicification (v cm) on uphole side: black clay (2 mm) along sub// borders Black clay seam @ 103.50 (sub//, wavy, 1-3 mm w., 20 cm l.) - 6 whole core pcs (< 10 cm) - end of 2nd stockwork zone ± fresh tuft. * outside of 2nd main stockworks zone
104.20	110.35	CLP															
		TOFF															
			M				1-2	1		104.20	106.0	1.80	23455	*0.012 (OPT)	1.3	66	Fract: 70-80° (2 fcts); 30° (1 fct) - slight increase in py content - silicification @ 104.60 - 104.70 (silicified zone surrounded by 1 mm w. black clay) - Qz strgs @ 104.75 (20°, 2 mm w., 12 cm l.) - Cb? VN @ 104.65 (45°, 8 mm w., 7 cm l.) - Cb strgs @ 104.65 - 104.85 (several orient.) 105.0 - 105.15 (45°) @ wk silicified zone

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Page No. 13 - 20

Footage		Rock Type	Alteration								Assays					% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	-105.75 - 105.85 (various orient.)
																	- Dk grey clay seam @ 105.90 (1cm w, sub //)
																	- 15 whole core pcs (< 18 cm)
							Tr-1	φ		106.0	107.50	1.50	23456	0.008	0.6	93	Clay alt'd @ 106.80 - 107.0
																5	Fract: 30° (2 fets), 45° (3 fets)
																	- black clay seam @ 106.65 (30°, 3mm w, cm l.)
																	107.30 (30°, 2mm w, 6cm l.)
																	Clb strgs @ 106.0 - 106.15 (various orient.)
																	- 10 whole core pcs (< 20 cm)
				F			W			107.50	109.0	1.50	23457	0.009	0.4	86	Clay alt'd @ 108.65 - 108.75
																5	Fets: 70-80° (1 fct)
																	Clb VN @ 108.45 (30°, 7mm w, 8cm l.)
																	- 11 whole core pcs (< 20 cm)
							Tr-1			109.0	110.75	1.75	23458	0.006	0.6	56	Fets: 30° (2 fets); 45° (1)
																7	Qz VN @ 109.05 (bk core, unknown orient.)
																	Clb strgs @ 110 - 110.25 (most sub // to 30°)
																	Clb VN @ 110.30 (30°, 5mm w, 12cm l.)
																	- less weathered core downhole
																	- 11 core pcs (< 10 cm)
110.75	120.55	S + P TUFF															Fairly unalt'd containing intervals of smooth surface (glass-rich matrix / unalt'd)

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Page No. 14-20

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 14-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
							TR	φ		110.75	112.0	1.25	23459	0.008	0.4	97	Clay alt'd @ 111 - 111.10
																7	Fractures: 60° (4 fets); 30° (2 fets)
																	Clb strgs throughout interval (most sub // to 30°)
																	-10 whole core pcs (< 38 cm)
				F			TR	1	W	112.0	113.5	1.50	23460	0.015	0.5	92	Clay alt'd @ 112.15 - 112.65 (mod alt'n; unbk core)
							C									3	Fract: 60° (2 fets)
																	Qz VN @ 113.23 (sub //, 21 cm w., 30 cm l.) w/ clb (minor)
																	on v. unalt'd core
																	-5 whole core pcs (< 50 cm)
								3		113.5	115.0	1.50	23461	0.040	0.7	96	Clay alt'd (mod.) @ 114.10 - 114.40
																5	Fract: 60° (3 fract); 70-80° (2 fets)
																	Qz VN @ 113.5 (sub //, 3 mm - 1 cm w, 20 cm l.) w/ clb (minor)
																	114.40 (30°, 6 mm w, 7 cm l.)
																	114.74 (sub //, > 5 mm w, 8 cm l.)
																	Clb strgs @ 114.60 - 114.75 (sub // to 30°)
																	-9 whole core pcs (< 30 cm)
							TR	2		115.0	116.50	1.50	23462	0.037 (ppt)	0.7	85	Clay alt'd (mod; unbk core) @ 115.7 - 116.0
																3	Fract: 30° (4 fets)
																	Qz VN @ 115.28 (45°, 7 mm w, 7 cm l.)
																	115.39 (bk core, unknown orient.)
																	Clb VN @ 115.50 (20°, 1 cm w., 25 cm l.)
																	116.10 (sub //, 3 cm w, 16 cm l.)
																	Clb strgs throughout interval (several orient.)
																	-7 whole core pcs (< 37 cm)

Page No. 15-20

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 15-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
								Ø		116.50	118.0	1.50	23463	0.002 _(ppt)	0.3	84	Clay alt'd @ 117.10 - 117.15 (30° section)	
																5	Fract: 60°(3 frcts); 30°(2 frcts)	
																	Cb VN @ 116.73 (Stb//, 5mm w, 10cm l.)	
																	116.95 (30°, wavy, 3mm w, 7cm l.)	
																	117.40 (Stb//, 3mm w, 8cm l.)	
																	117.80 (30°, 3mm w, 7cm l.)	
																	- 11 whole core pcs (< 14 cm)	
																	- coarse s+p @ 116.50 - 116.73 (like CLP)	
			M	F		w	TR	4		118.0	119.5	1.50	23464	0.002 _(ppt)	0.4	97	- mostly unalt'd	
																3	- Fract: 30°(4 frcts); 70-80° (2 frcts)	
																	- Qz VN @ 119.0 (60°, 8mm w)	
																	119.05 (50°, 1cm w)	
																	119.10 (30°, 9mm w)	
																	119.35 (bk core; unknown orient)	
																	Cb strgrs @ 119.0 - 119.15 (2 strgrs, 30-60° 1mm w.)	
																	119.15 (most @ 45° v. fine)	
																	- 10 whole core pcs (< 30 cm)	
							TR	1		119.5	120.55	1.05	23465	0.012 _(ppt)	0.6	53	- mostly unalt'd	
																9	- Fract: 30°(2	
																	- Qz VN @ 119.55 (bk core; unknown orient, ~ 7cm l.)	
																	- Cb strgr @ 120.0 (30°, 1mm w, 8cm l.)	
																	- texture getting coarser	
120.55	123.50	CLP															containing qz VN	
		TUFF																

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Page No. 16-20

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 16-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
					M		TR	1		120.55	122.0	1.45	23466	*0.012 (OPT)	0.7	79	mostly unalt'd (smooth surface)
																5	Fract: 60° (3 fets); 70-80° (1 fct).
																	- Qz VN @ 120.55 (subll, .5-1cm w, 90cm l.)
																	- Clay seam @ 121.97 (subll, 3mm w.)
																	- Cb alt'd (wk to mod throughout interval; v. few strgs)
																	- 15 whole core pcs (< 15cm)
						W	TR	1		122.0	123.5	1.50	23467	*0.003 (OPT)	0.5	83	Finer CLP / coarse S+P
																5	Mostly unalt'd
																	Fract: 60° (1 fct); 30° (4 fets)
																	- Qz VN @ 123.40 (subll, 7mm w, 10cm l.)
																	- Clay VN @ 122.80 (subll, 3-10mm w, 18cm l.)
																	123.20 (subll, 2mm w, 13cm l.)
																	- 10 whole core pcs (< 32cm)
123.50	129.35	S+P															
		TUFF															coarse S+P
																	contains several substantial qz VNs
							TR	2		123.50	125.0	1.50	23468	*0.006 (OPT)	0.7	93	mostly unalt'd
																5	Fract: 60° (2 fets); 30° (3 fets); 70-80° (3 fets)
																	- Qz VN @ 123.75 (subll, 1cm w, ~30cm l.)
																	124.65 (~30°, 1cm w, 18cm l.)
																	- Clay seam @ 124.25 (60°, 1cm w)
																	- few Cb strgs @ 124.30-124.45 (subll to 60°)
																	- 11 whole core pcs (< 26cm)

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 17 - 20
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	1		125.0	126.5	1.50	23469	*0.006 (ppt)	0.3	37	Clay alt'd @ 126.40 - 126.50	
																9	Fract: 30° (2 fets); 60° (1 fct)	
																	Qz VN @ *125.88 (bx zone; v. bk core)	
																	2 whole core pcs (< 10 cm)	
					w-n		TR	3		126.5	127.80	1.30	23470	*0.006 (ppt)	0.6	63	Fract: 30° (1 fct.); 70-80° (2 fets)	
							C									8	Qz VN @ *126.5 (bk core, unknown orient, > 18 cm l.)	
																	127.20 (30°, 2 mm w, 8 cm l)	
																	*127.40 (sub//, 1-3 cm w, > 40 cm l.)	
																	Cb strgs (most sub//)	
																	- 10 whole core pcs (< 12 cm)	
							TR	2		127.80	129.35	1.52	23480	*0.002	0.7	48	Fract: 70-80° (1 fct)	
														out of order; forgot card		9	Bx zone @ 127.8 - 128.62	
																	Qz VN @ *127.8 - 128.62 (in bx zone; bk core)	
																	129.17 (60°, 1 cm w)	
																	(Cb strgs @ 128.70 (45°, 1 mm w)	
																	128.83 (30°, 1 mm w, 8 cm l)	
																	129.0 (30°, 6 cm l)	
																	- 3 whole core pcs (< 32 cm)	
																	- clast size coarsening downhole	
129.35	132.0	CLP																
		TUFF															Bimodal clast distribution	
																	contains several qz vn	

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 18-20
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
						w	C	Z		129.35	130.5	1.15	23471	*0.003 (ppt)	0.7	78	Fract: 45° (2 fracs)
																9	Qz VN @ *129.35 (Sub//, >4mm w, >30cm l.)
																	*129.70 (bk core; unknown orient.) only zone
																	Cb VN @ 130.05 (20°, 2mm w, 16cm l.)
																	buff @ 129.0 (Sub//, 3mm w.)
																	- Increase in py in clasts content
																	- 9 whole core pcs (<15cm)
							TR	3		130.50	132.0	1.50	23472	*0.006 (ppt)	0.6	39	Fract: 30° (3 fracs)
							C									9	Qz VN @ *130.70 (bk core; unknown orient.)
																	131.50 (30°, 4mm w, 10cm l.)
																	*131.62 (bk core; unknown orient.)
																	Buff @ 130.60 (greenish-gray, ~30°, 1cm w.)
																	5 whole core pcs (<16cm)
132.0	141.0	S+P															
		TUFF															Fairly unalt'd, fine-grd
				F			TR	2		132.0	133.5	1.50	23473	*0.004 (ppt)	0.5	89	Fract: 30-40° (6 fets); 70-80° (2 fets)
																5	Qz VN @ 132.39 (45°, 3mm w) w/Cb
																	133.0 (40°, 2mm w)
																	Buff @ 133.20 (sub//, 5mm w, 16cm l.)
																	Cb Strgrs @ 132.75 - 133.10 (30° to sub//, fine, several)
																	- 13 whole core pcs (<18cm)
							1-2	5		133.5	135.0	1.50	23474	*0.009 (ppt)	0.8	96	Fract: 45° (2 fets); 60° (2 fets)
																5	Qz VN @ 133.60 (sub//, 5mm w, 10cm l) w/ abundant Cb/buff
																	133.75 (30° 5mm w, 10cm l.)

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Page No. 19-20

Footage		Rock Type	Alteration								Assays					% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	- 134.60 (30° 5mm w, 10cm l)
																	- 134.70 (60° 5mm w.)
																	- 134.85 (Sub//, 5mm w, 15cm l)
																	Cb VN@ 134.90 (20°, 1mm w, 10cm l)
																	- 12 whole pcs core
						W	W	1-2	5	135.0	136.5	1.50	23475	0.008	0.5	78	Fract: 30° (4 fets); 60° (2 fets)
																7	Clay alt'd (v. bk core) @ 135.20 - 135.30
																	Qz VN@ 135.10 (60°, 3mm w) w/ Cb
																	135.15 (bk core, unknown orient)
																	135.32 (Sub//, 1cm w, 12cm l)
																	136.20 (Sub//, 3mm w, 10cm l)
																	136.32 (bk core; unknown orient)
																	- 7 whole core pcs (< 22cm)
				F		W	C	5		136.5	138.0	1.50	23476	0.004	0.3	92	Fract: 30° (2 fets); 45° (4 fets); 70-80° (1 fct)
							1									3	Qz VN@ 136.52 (30°, 2mm w, 8cm l)
																	136.95 (30-45°, 5mm w, 6cm l)
																	137.20 (60°, 1mm w, 4cm l) cut by 300° fractures
																	137.40 (20°, 5mm w, 11cm l) w/ Cb
																	* 137.55 (20°, 1cm w, 13cm l)
																	Buff@ 137.75 (Sub//, 1cm w, 25cm l)
																	Cb strgr @ 137.10 (Sub//, 1mm w, 6cm l)
																	- 9 whole core pcs (< 33cm)
							TR	6		138.0	139.50	1.50	23477	0.003	0.3	98	Fract: 45° (1 fct); 30° (2 fets)
							C									3	Qz VN@: 138.40 (45°, 6mm w) w/ Cb
																	138.43 (Sub//, 6mm w, 21cm l) cut by 30° fract.
																	138.82 (40°, 5mm w, 4cm l) w/ Cb

[illegible]

Hole No.: GC-95-185		Grid: MAIN GRID WEST		Claim: CANYON 48/YA 81167		Page 1 of 1	
Depth: 33.53 m		Coordinates - Northing 22+15N		Bearing: 225° / GRID SOUTH.		Date Started: September 14, 1995	
Angle: -55° / -60°		- Easting: 48+00W		ELEVATION: 795 m.		Date Completed: September 16, 1995	
Core Size: TRICONE/		Dip Tests:		DRILLED BY: E. CARON D.D. / VAL D'OR II		Logged By: Robert Stroschein	

Footage		Rock Type	Alteration								Assays						% RCVRY	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	33.53	OVB															Overburden is made up of gravel and boulders.	
																	First attempt to reach bedrock failed when the hole at 55° collapsed. The casing shoe could not get through the boulders. The hole was originally Tri-coned to 110' but.	
																	Second attempt @ 60°	
																	4 1/4" tricone followed by HW casing to 52'. TRicone with 3 3/4" bit to bedrock 110'. HW casing and shoe to bedrock at 108'.	
																	Apparently the boulders had deflected the casing to such a degree that the NO rods & bit were caught within the casing and were cutting the casing rods.	
																	The hole was abandoned.	
																	Future attempts to pass through the boulder field should include diamond drilling to advance the HW casing.	

DIAMOND DRILL LOG

[illegible]

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 4-9
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
43.99	44.18	COAL SEAM															w/ abundant Cb strings	
44.18	52.56	META - RHY															med greenish-grey, w/ phyllite "touch", incipient foliation @ 44.18 - 52.56	
																	- fract w/ shiny greasy lustre	
																	- fine black strings (<1mmw)	
						w				44.18	45.5	1.32	24326	6	0.1	81	Cb strings (sparse, mostly sub $\perp$)	
																7	CbVN @ 44.46 (30°, 3cmw, 9cm l.)	
																	Qz/Cb 44.49 (30°, 1.5cmw 7cm l.)	
																	- Fract: 30° (3 fcts)	
																	- 8 whole core pcs (L 17cm)	
						w				45.50	47.0	1.50	24327	<5	<0.1	98	CbVN @ 45.60 (30°, 1.3mmw, 9cm l.)	
																5	46.0 (45°, 5mmw.)	
																	46.04 (45°, 1mmw)	
																	46.10 (sub $\perp$, 4mmw)	
																	46.16 (sub $\perp$, 1cmw), w/ minor qz	
																	46.27 (sub $\perp$, 2mmw)	
																	- Fract: 45° (5 fcts); 70-80° (2 fcts); sub $\parallel$ (1 fct)	
						w				47.0	48.50	1.50	24328	11	<0.1	89	Qz CbVN @ 47.0 (30°, 1.5cm w, 6cm l.)	
																7	- CbVN @ 47.14 (45°, 6mmw)	
																	47.25 (45°, 3mmw)	
																	48.0 (sub $\perp$, 3-18mmw)	
																	48.24 (sub $\perp$, 4cmw)	
																	- Fract: 30° (2 fcts); 45° (2 fcts); 70-80° (1 fct)	
																	- 10 whole core pcs (L 20 cm)	

[illegible]

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 7-9
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
				F		M			W	57.50	59.0	1.50	24333	6	<0.1	93	Cl VN preserved on less clay alt'd areas (various orient)
				M												3	- mod-int. clay alt'd @ 57.50 - 57.80; 57.98-58.06;
																	58.86 - 59.0
																	- 7 whole core pcs (< 28 cm)
				F		M				59.0	60.50	1.50	-			43	gradational transition between rhy + "meta"-rhy
																9	- v bk core (not clay alt'd) @ 60.25 - 60.50
																	- 5 whole core pcs (< 26 cm)
				F		M				60.50	62.0	1.50	-			53	core missing around 60.50 (v. bk core)
																9	still transition between rhy + "meta"-rhy)
																	Fract. 30° (2 fct's)
																	- 4 whole core pcs (< 10 cm)
				F		M				62.0	63.50	1.50	24334	5	0.1	24	SAAB
																9	Fract. 45° (3 fct's)
																	- 4 whole core pcs (< 12 cm)
						M				63.50	65.0	1.50	-			63	SAND
																9	v. bk core thrt. int'l (not clay alt'd)
																	- 3 whole core pcs (< 6 cm)
64.10	83.21	RHY															blue-gray, w/ rhy stringers
				M		M	3			65.0	66.50	1.50	24335	15	0.1	64	- py veinlets + stringers (most @ 30° to sub //)
																9	- heavy core bluish-gray
																	- v. bk core @ 65.0 - 65.20
																	- 10 whole core pcs (< 13 cm)

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 8-9
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
				F	W					66.50	68.0	1.50	—			67	SAAB
				M												9	7 whole core pcs (< 14cm)
				F	W					68.0	69.50	1.50	24336	28	0.2	65	SAAB
				M												9	6b strags @ 68.51 (60°, 1mm w)
																	69.04 (60°, 1mm w)
																	Fract: 45° (1 fct) ; 60° (1 fct)
				M	W					69.50	71.50	2.0	—			41	SAAB
				F												9	py VN @ 70.75 (60°, 5mm w)
																	- 5 whole core pcs (< 15cm)
				M	W					71.50	73.0	1.50	24337	< 5	0.1	42	SAAB
				F												9	6b VN @ +3.0 (bk core: unknown orient)
																	v. bk core @ 72.20 - 72.54
																	- 2 whole core pcs (< 4cm)
				M	W					73.0	75.0	2.0	—			53	SAAB
				F												9	Fract: 30° (1 fct)
																	11 whole core pcs (< 8cm)
				M	W					75.0	76.50	1.50	24338	< 5	0.1	27	SAAB
				F												10	bk core thru + interval
																	2 whole core pcs
				M	W					76.50	78.50	2.0	—			33	SAAB
				F												9	4 whole core pcs (< 14cm)

APPENDIX 4

GREW CREEK PROJECT

1995 ANALYTICAL RESULTS

ASSAY CERTIFICATES

FROM

NAL LABORATORIES LTD.

15/09/95

* Assay Certificate

Page 1

YGC Resources

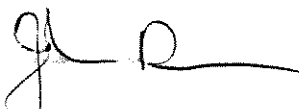
WO#15384

Shipment # 9501-51

Sample # Au ppb

23151	<5
23152	9
23153	<5
23154	<5
23155	<5
23156	<5
23157	<5
23158	39
23159	140
23160	36
23161	5
23162	<5
23163	<5
23164	<5
23165	<5
23166	<5
23167	<5
23168	<5
23169	<5
23170	<5
23171	<5
23172	<5
23173	<5
23174	<5
23175	<5
23176	<5
23177	<5
23178	<5
23179	<5
23180	<5
23181	<5
23182	<5
23183	<5
23184	<5

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YGC Resources

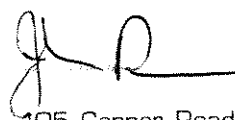
WO#15384

Shipment # 9501-51

Sample # Au ppb

23185	<5
23186	<5
23187	<5
23188	<5
23189	<5
23190	<5
23191	<5
23192	<5
23193	<5
23194	<5
23195	5
23196	5
23197	<5
23198	<5
23199	<5
23200	<5
23201	<5
23202	5
23203	<5
23204	<5
23205	<5
23206	<5
23207	<5
23208	<5
23209	<5
23210	<5
23211	5
23212	10
23213	16
23214	6
23215	14
23216	16
23217	14
23218	<5

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YGC Resources

WO#15384

Shipment # 9501-51

Sample #	Au ppb

23219	<5
23220	<5
23221	<5
23222	<5
23223	<5
23224	<5
23225	<5
23226	<5
23227	6
23228	7
23229	8
23230	<5
23231	8
23232	6
23233	<5
23234	16
23235	102
23236	6
23237	5
23238	<5
23239	<5
23240	<5
23241	<5
23242	<5
23243	<5
23244	<5
23245	<5
23246	<5
23247	<5
23248	<5
23249	<5
23250	<5
23251	<5
23252	80

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YGC Resources

WC#15384

Shipment # 9501-51

Sample #	Au ppb

23253	9
23254	<5
23255	<5
23256	<5
23257	<5
23258	<5

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YGC Resources

WO#15408

Shipment # 9501-53

Sample #	Au ppb
23259	<5
23260	<5
23261	<5
23262	<5
23263	<5
23264	10
23265	6
23266	<5
23267	<5
23268	<5
23269	<5
23270	6
23271	<5
23273	6
23274	5
23275	10
23276	18
23277	13
23278	12
23279	8
23280	<5
23281	<5
23282	-6
23283	35
23284	9
23285	<5
23286	<5
23287	35
23288	17
23289	<5
23291	10
23292	20
23293	19
23294	32

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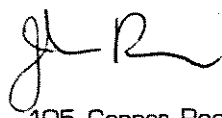
YGC Resources

WO#15408

Shipment # 9501-53

Sample #	Au ppb
23295	28
23296	<5
23297	11
23298	<5
23299	<5
23301	<5
23302	25
23303	55
23304	14
23305	7
23306	7
23307	<5
23308	9
23309	6
23310	<5
23311	6
23312	<5
23313	<5
23314	<5
23315	<5
23316	7

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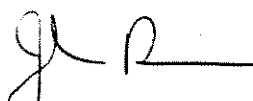
YGC Resources

WO#15411

Shipment # 154, 155, 156

Sample #	Ag ppm	Au oz/ton
23331	1.0	0.030
23332	0.6	0.005
23333	0.4	0.004
23334	0.7	0.015
23335	0.7	0.008
23336	0.9	0.013
23337	1.4	0.043
23338	0.4	0.009
23339	0.9	0.011
23340	0.5	0.005
23341	0.6	0.007
23342	0.4	0.003
23343	0.7	0.004
23344	0.6	0.003
23345	0.7	0.002
23346	0.6	0.003
23347	0.8	0.004
23348	1.1	0.009
23349	1.0	0.006
23350	0.6	0.007
23357	0.5	0.003
23358	0.5	0.002
23359	0.5	0.002
23360	0.4	0.001
23361	0.4	0.002
23362	0.5	0.002
23381	1.0	0.024
23382	1.0	0.013
23383	1.0	0.036
23384	0.8	0.027
23385	0.7	0.010
23386	0.9	0.013
23387	1.6	0.057
23388	1.0	0.019

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YGC Resources

WO#15411

Shipment # 154,155,156

Sample #	Ag ppm	Au oz/ton
23389	0.7	0.007
23390	0.8	0.004
23391	0.5	0.003
23392	0.5	0.002
23393	0.5	0.002
23394	0.4	0.002
23395	0.2	0.003
23396	0.3	0.002
23397	0.4	0.004
23398	0.3	0.002
23399	0.4	0.001
23400	0.3	0.002
23401	0.5	0.005
23402	0.4	0.003
23403	0.5	0.003
23404	0.4	0.002
23405	0.3	0.002
23432	1.3	0.030
23433	2.0	0.056
23434	23.8	0.869
23435	1.5	0.032
23436	1.5	0.030
23437	6.1	0.082
23438	7.7	0.092
23439	10.9	0.231
23440	1.4	0.016
23441	2.9	0.025
23442	2.1	0.101
23443	1.5	0.024
23444	1.0	0.031
23445	1.0	0.010
23446	1.7	0.048
23447	1.7	0.056
23448	1.1	0.045

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YGC Resources

WO#15411

Shipment # 154,155,156

Sample #	Ag ppm	Au oz/ton
23449	1.2	0.027
23450	1.0	0.026
23451	0.8	0.019
23452	1.3	0.025
23453	1.7	0.078
23454	2.0	0.030
23455	1.3	0.012
23462	0.7	0.037
23463	0.3	0.003
23464	0.4	0.003
23465	0.6	0.012
23466	0.7	0.012
23467	0.5	0.003
23468	0.7	0.006
23469	0.3	0.006
23470	0.6	0.006
23471	0.7	0.007
23472	0.6	0.006
23473	0.5	0.004
23474	0.8	0.009

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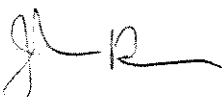
YGC Resources

WO#15412

Shipmt # 154, 155, 156

Sample #	Ag ppm	Au oz/ton
23377	1.0	0.014
23378	1.3	0.017
23379	1.0	0.017
23380	1.5	0.022
23406	0.2	0.002
23407	0.4	0.003
23408	0.2	0.002
23409	0.3	0.002
23410	0.2	0.002
23411	0.2	0.002
23412	0.1	0.001
23413	0.1	0.002
23414	0.2	0.002
23415	0.1	0.001
23416	0.2	0.002
23417	0.5	0.001
23418	<0.1	<0.001
23419	<0.1	0.001
23420	0.1	<0.001
23421	0.2	0.001
23422	0.2	<0.001
23423	0.2	<0.001
23424	0.3	0.001
23425	0.3	0.001
23426	0.3	<0.001
23427	0.2	<0.001
23428	0.1	0.001
23429	0.4	0.002
23430	0.4	0.002
23431	1.0	0.006
23456	0.6	0.008
23457	0.4	0.009
23458	0.6	0.006
23459	0.4	0.008

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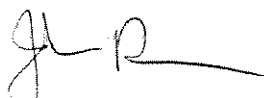
YGC Resources

WO#15412

Shipmt # 154, 155, 156

Sample #	Ag ppm	Au oz/ton
23460	0.5	0.015
23461	0.7	0.040
23475	0.5	0.008
23476	0.3	0.004
23477	0.3	0.003
23478	0.4	0.005
23479	0.4	0.004
23480	0.7	0.007

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YGC Resources

WO#15418

Shipment # 9501-58

Sample #	Au ppb	Ag ppm
23499	6	0.1
23500	114	0.1
23501	35	0.1
23502	34	0.1
23503	24	0.1
23504	8	0.1
23505	12	0.1
23506	36	0.1
23507	31	0.2
23508	55	0.3
23509	34	0.1
23510	13	0.1
23511	14	0.1
23512	15	0.1
23513	32	0.1
23514	16	0.1
23515	20	0.1
23516	29	0.1
23517	18	0.2
23518	16	0.2
23519	13	0.1
23520	23	0.2
23521	18	0.3
23522	21	0.3
23523	11	0.3
23524	25	0.4
23525	9	0.3
23526	15	0.2
23527	17	0.3
23528	21	0.2
23529	29	0.2
23530	31	0.1
23531	51	0.1
23532	41	0.2

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YGC Resources

WO#15418

Shipment # 9501-58

Sample #	Au ppb	Ag ppm
23533	56	0.2
23534	44	0.2
23535	50	0.1
23536	130	0.5
23537	320	0.8
23538	101	0.4
23539	236	0.9
23540	145	0.5
23541	141	0.6
23542	174	0.4
23543	220	0.6
23544	633	1.1
23545	352	1.3
23546	404	1.0
23547	378	1.9
23548	12	<0.1
23549	9	<0.1
23550	11	<0.1
23551	8	0.1
23552	18	0.1
23553	9	<0.1
23554	23	0.1
23555	11	<0.1
23556	124	0.1
23557	104	0.2
23558	88	0.1
23559	46	0.1
23560	28	0.1
23561	91	0.1
23562	47	0.1
23563	159	0.1
23564	111	0.1
23565	164	0.1
23566	34	0.1

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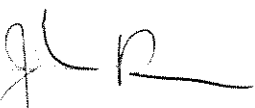
YGC Resources

WO#15418

Shipment # 9501-58

Sample #	Au ppb	Ag ppm
23567	51	0.1
23568	173	0.1
23569	88	<0.1
23570	80	0.1
23571	48	0.1
23572	44	0.1
23573	38	0.1

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YGC Resources

WO#15419

Shipment # 9501-57

Sample #	Au ppb	Ag ppm
23481	<5	0.4
23482	9	0.2
23483	<5	0.2
23484	6	0.1
23485	85	0.1
23486	76	0.1
23487	82	0.1
23488	14	0.1
23489	41	0.1
23490	20	0.2
23491	19	0.1
23492	36	0.1
23493	19	0.1
23494	34	0.1
23495	18	0.1
23496	30	0.1
23497	20	0.1
23498	21	0.1

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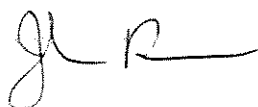
YGC Resources

WO#15423

Shipment # 9501-159

Sample #	Au ppb	Ag ppm
23574	117	0.1
23575	215	0.1
23576	163	0.1
23577	59	0.1
23578	123	0.1
23579	27	0.1
23580	58	0.1
23581	18	0.1
23582	61	0.3
23583	23	0.3
23584	66	0.2
23585	65	0.1
23586	109	0.1
23587	66	0.1
23588	30	0.1
23589	169	0.2
23590	109	0.1
23591	45	0.2
23592	21	0.2
23593	10	0.2
23594	18	0.1
23595	21	0.1
23596	15	<0.1
23597	9	0.1
23598	18	0.1
23599	12	0.1
23600	7	0.1
23601	11	0.1
23602	31	0.1
23603	14	<0.1
23604	18	0.1
23605	11	0.1
23606	15	0.1
23607	9	0.1

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YGC Resources

WO#15423

Shipment # 9501-159

Sample #	Au ppb	Ag ppm
23608	8	<0.1
23609	8	0.1
23610	9	0.1
23611	20	0.2
23612	16	0.1
23613	13	0.1
23614	13	0.1
23615	20	0.1
23616	13	0.1
23617	<5	<0.1
23618	<5	0.1
23619	<5	0.1
23620	<5	<0.1
23621	<5	<0.1
23622	<5	0.1
23623	<5	<0.1
23624	12	0.1
23625	8	0.1
23626	5	0.1
23627	10	0.1
23628	<5	0.1
23629	<5	0.1
23630	10	0.1
23631	<5	0.1
23632	7	0.1
23633	28	0.1
23634	17	<0.1
23635	6	0.1
23636	9	<0.1
23637	5	<0.1
23638	<5	0.1

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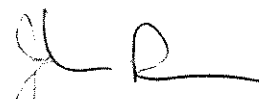
YGC Resources

WO#15428

Shipment # 9501-60

Sample #	Au ppb	Ag ppm
23639	91	<0.1
23640	98	<0.1
23641	109	<0.1
23642	31	<0.1
23643	75	<0.1
23644	97	<0.1
23645	61	<0.1
23646	69	<0.1
23647	108	0.1
23648	116	<0.1
23649	176	<0.1
23650	81	<0.1
23651	123	0.1
23652	146	0.1
23653	69	0.1
23654	31	0.1
23655	66	<0.1
23656	53	0.1
23657	118	0.1
23658	115	0.1
23659	225	<0.1
23660	115	<0.1
23661	192	<0.1
23662	78	<0.1
23663	26	<0.1
23664	77	<0.1
23665	39	<0.1
23666	61	<0.1
23667	30	<0.1
23668	55	<0.1
23669	32	<0.1
23670	59	<0.1
23671	34	<0.1
23672	81	<0.1

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YGC Resources

WO#15428

Shipment # 9501-60

Sample #	Au ppb	Ag ppm
23673	47	<0.1
23674	43	<0.1
23675	65	<0.1
23676	36	<0.1
23677	7	<0.1
23678	48	<0.1
23679	30	<0.1
23680	27	<0.1
23681	42	0.1
23682	143	0.1
23683	75	0.1
23684	64	<0.1
23685	68	0.1
23686	47	0.7
23687	80	0.1
23688	143	0.1
23689	64	0.1
23690	96	0.1
23691	57	<0.1
23692	31	<0.1
23693	39	<0.1
23694	77	<0.1
23695	35	<0.1
23696	93	<0.1
23697	34	<0.1
23698	25	<0.1
23699	33	<0.1
23700	13	<0.1

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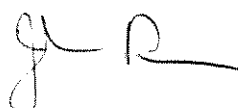
YGC Resources

WO#15429

Shipment # 9501-61

Sample #	Au ppb	Ag ppm
23701	62	<0.1
23702	172	<0.1
23703	21	<0.1
23704	38	<0.1
23705	18	<0.1
23706	53	<0.1
23707	60	<0.1
23708	43	<0.1
23709	78	<0.1
23710	14	<0.1
23711	30	<0.1
23712	7	<0.1
23713	7	<0.1
23714	68	<0.1
23715	76	<0.1
23716	28	<0.1
23717	63	<0.1
23718	37	<0.1
23719	25	<0.1
23720	6	<0.1
23721	13	<0.1
23722	21	<0.1
23723	49	0.1
23724	<5	<0.1
23725	28	0.1
23726	69	<0.1
23727	105	<0.1
23728	40	0.7
23729	24	<0.1
23730	5	0.1
23731	31	<0.1
23732	<5	<0.1
23733	15	<0.1
23734	59	<0.1

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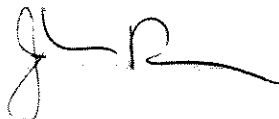
YGC Resources

WO#15429

Shipment # 9501-61

Sample #	Au ppb	Ag ppm
23735	38	<0.1
23736	15	<0.1
23737	50	<0.1
23738	45	<0.1
23739	28	<0.1
23740	38	<0.1
23741	70	<0.1
23742	41	<0.1
23743	27	<0.1
23744	41	<0.1
23745	28	<0.1
23746	37	<0.1
23747	45	<0.1
23748	67	<0.1

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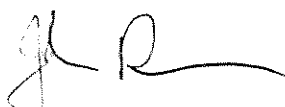
YGC Resources

WO#15439

Shipment # 9501-62

Sample #	Au ppb	Ag ppm
24301	12	0.6
24302	<5	0.1
24303	6	0.2
24304	11	0.1
24305	5	0.2
24306	5	<0.1
24307	9	0.1
24308	<5	<0.1
24309	8	<0.1
24310	<5	<0.1
24311	7	<0.1
24312	<5	<0.1
24313	22	<0.1
24314	9	<0.1
24315	6	<0.1
23749	24	<0.1
23750	10	0.1

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YGC Resources

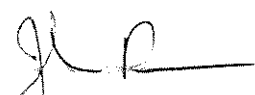
WO#15440

Shipment # 9501-63

Sample #	Au ppb	Ag ppm

24316	7	<0.1
24317	<5	<0.1
24318	7	<0.1
24319	5	<0.1
24320	7	<0.1
24321	<5	0.1
24322	9	0.1
24323	<5	<0.1
24324	7	<0.1
24325	5	<0.1
24326	6	0.1
24327	<5	<0.1
24328	11	<0.1
24329	6	<0.1
24330	15	<0.1
24331	8	0.1
24332	12	0.1
24333	6	<0.1
24334	5	0.1
24335	15	0.1
24336	28	0.2
24337	<5	0.1
24338	<5	0.1
24339	<5	0.1
24340	7	0.2

Controlled by




APPENDIX 5
GREW CREEK PROJECT

SUMMARY OF FIELD EXPENDITURES

1995 DIAMOND DRILLING
PROGRAM

CANYON CLAIMS

STATEMENT OF EXPENSES:

KILOMETRE 410 GRID: DRILL HOLE # 184

Drilling Costs E. Caron Diamond Drilling Invoice # 3335	\$ 9 016.50
Assay Costs NAL Laboratories Ltd. Invoice # 15439	419.50
Labour Costs R. Stroshein, A. Fonseca, & L. Ladue	690.00
Camp Costs	<u>260.00</u>
TOTAL	\$ 10 386.00

KILOMETRE 395 GRID: DRILL HOLE # 185

Drilling Costs E. Caron Diamond Drilling Invoice #3335 & #3338	\$ 9 595.40
Labour Costs R. Stroshein	550.00
Camp Costs	<u>130.00</u>
TOTAL	\$ 10 275.40

MAIN GRID: DRILL HOLES #179, #180 & #181

Drilling Costs E. Caron Diamond Drilling Invoice # 3334	\$ 35 599.40
Assay Costs NAL Laboratories Ltd. Invoices # 15411 & 15412	4 799.99
Labour Costs R. Stroshein, A. Fonseca, & L. Ladue	2 137.50
Camp Costs	<u>812.50</u>
TOTAL	\$ 43 349.39

RAT CREEK GRID: DRILL HOLES #172, #173, #174, #175, #176, #177, & #178

Drilling Costs E. Caron Diamond Drilling Invoice #3331, #3334	\$ 74 624.00
Assay Costs NAL Laboratories Ltd. Invoices #15384, #15408, #15419, #15423, #15428, #15429	5 382.07
Labour Costs R. Stroshein, A. Fonseca, & L. Ladue	5 155.00
Camp Costs	<u>1 657.50</u>
TOTAL	\$ 86 818.57

KNOLL ZONE: DRILL HOLES #170 & #171

Drilling Costs E. Caron Diamond Drilling Invoices #3324 & #3331	\$ 25 515.00
Assay Costs NAL Laboratories Invoices #15384 & #15418	2 242.68
Labour Costs R. Stroshein, A. Fonseca, & L. Ladue	1 920.00
Camp Costs	<u>650.00</u>
TOTAL	<u>\$ 30 327.68</u>

GRAND TOTAL 1995 EXPENDITURES **\$ 181 157.04**