REPORT ON
DIAMOND DRILLING PROGRAM
CARIBOU CREEK PROPERTY
NTS 115 I-3,6
WHITEHORSE MINING DISTRICT
YUKON TERRITORY
FOR
DORON EXPLORATIONS INC.

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W. Raven, Geologist

June 30, 1989

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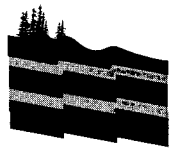

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SUMMARY

A comprehensive exploration program was initiated on the Caribou Creek property of Doron Explorations Inc. starting in the summer of 1988 and ending in mid June, 1989. Three separate work programs have been completed during this one year period. The work was performed and managed by Doron in 1988 with OreQuest Consultants Ltd. assuming management of the program in January, 1989.

This report deals mainly with the drilling aspects of the three programs and combines all available drill data. Results from the surficial work are incorporated into the overall interpretation. A report by G.S. Davidson, 1989, contains details of the work done prior to the drilling.

Surface trenching and exploration has exposed a brecciated quartz stockwork vein system found at the contact between a graphitic black unit and cataclastically deformed igneous or volcanic rocks. An extensive quartz vein structure, determined to be a feeder system, intersects this contact. Free gold is precipitated at the base of the black unit and the feeder contact. The stockwork quartz veining with associated gold mineralization has been termed the breccia zone. Early 1988-1989 drilling of the breccia zone has outlined a mineralized body over a strike length of some 160 metres. The June 1989 extensional drilling further defined the mineralizing controls and has shown the favourable structure to be present for some 350 metres. Prospecting has outlined an area of favorable strike extension over a distance of some 1300 metres with the feeder system present for some 2000 metres.

The breccia zone strikes at 340° and is essentially flat lying. The feeder system also strikes 340° with dips of 40-70° to the east.

A Phase II program of detailed mapping, prospecting, geophysical surveys and trenching is recommended. The previous drill programs have outlined a mineralized body that has the structural components necessary to the system for gold deposition. The ground program is required to provide as accurate positions as possible of the necessary structures as a prelude to further diamond drilling. Further work would be contingent upon completion of the above outlined Phase II and would involve diamond drilling and a bulk sample which would give grade, metallurgical, and test mining information.

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INTRODUCTION

This report presents the results of the recently completed diamond drilling program on the Caribou Creek property of Doron Explorations Inc. The results have been integrated with the previous data to form a complete summary of all available drill hole information.

The drilling has been done in three separate programs. The first program was initiated in the fall of 1988 and terminated in late December, 1988. The second program commenced in early January 1989 and was shut down due to extreme weather conditions in early February of 1989. This most recent program started May 18, 1989 and ended June 13, 1989. A total of 1586.49 metres (5203 feet) in 31 holes was drilled between the 3 programs.

The drilling was done by Kluane Drilling Ltd. of Whitehorse, Yukon Territory using a Longyear "38" diamond drill. Core size for the first two program was HQ with the third program using NQ core.

A previous OreQuest report dated February 28, 1989 which summarized the results of the previous two drilling program utilized the imperial measurement system. In this report all data has been converted to the metric system. An additional change involves the relabelling of the drill holes. Different labelling systems were used during the first two programs resulting in some confusion. The new system labels the holes sequentially in the order as they were originally drilled using a common prefix before the hole number (Table 1). The site number, used for location, remains unchanged and was continued in sequential order.

TABLE 1

DRILL HOLE LABELLING CHANGES

Old Hole Number	New Hole Number
88-01	CC-88-1
88-02	CC-88-2
88-03	CC-88-3
88-04	CC-88-4
88-05	CC-88-5
88-06	CC-88-6
88-07	CC-88-7
88-08	CC-88-8
88-09	CC-88-9
88-10	CC-88-10
88-11	CC-88-11
88-12	CC-88-12
DDH-1-90-88	CC-88-13
DDH-2-50-88	CC-88-14
DDH-3-50-88	CC-88-15
DDH-4-60-88	CC-88-16
DDH-5-90-88	CC-88-17
DDH-6-45-88	CC-88-18
DDH-7-60-88	CC-88-10
CC-89-01	CC-89-20
CC-89-02	CC-89-21
CC-89-03	CC-89-22
CC-89-04	CC-89-23

PROPERTY DESCRIPTION

Claim Status

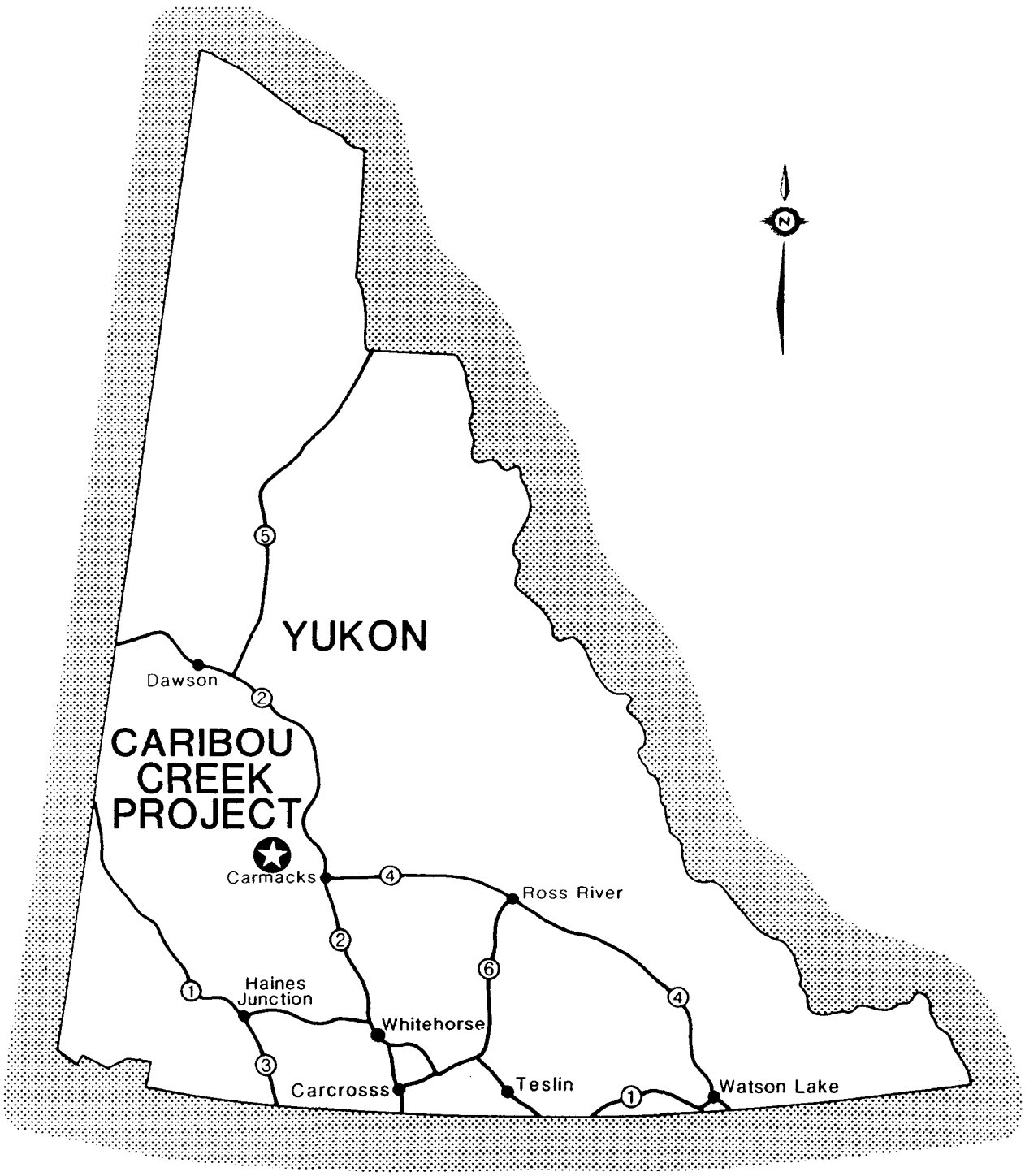
The Caribou Creek property is located in the Whitehorse Mining District and consists of 106 mineral claims (Figure 2). The claims have been optioned by Doron Explorations Inc. from B. Harris, G. Harris and E. Wienecke of Whitehorse. The following is a list of the claims and expiry dates.

Claim Name	**Record Number**	**Expiry Date (requested)**
Hope 1	Y21249	3 November, 1995
Hope 2	Y76048	23 July, 1996
Best 1-6	Y25895-Y25900	3 December, 1994
Boo 1-66	YB07740-YB07805	31 August, 1993
Boo 67-76	YB08026-YB08035	9 September, 1993
Boo 77-86	YB07806-YB07815	31 August, 1993
Boo 101-104	YB07816-YB07819	31 August, 1993
Cara 1-7	YB08036-YB08042	9 September, 1995

Location and Access

The property is located in the Dawson Range near Freegold Mountain. Access can be obtained by travelling north from Whitehorse, Y.T. some 170 km on Highway 2, to the village of Carmacks. From Carmacks a gravel road, the Freegold Road, provides access to the camp some 65 km to the west on Seymour Creek. A 15 minute drive on a 4x4 road from camp, up Caribou Creek, leads to the area drilled.

The property is found on NTS Map Sheets 115-I-3,6 at latitude 62°12'N and longitude 137°02'W.



0 100 200 300

kilometres

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DORON EXPLORATIONS INC.

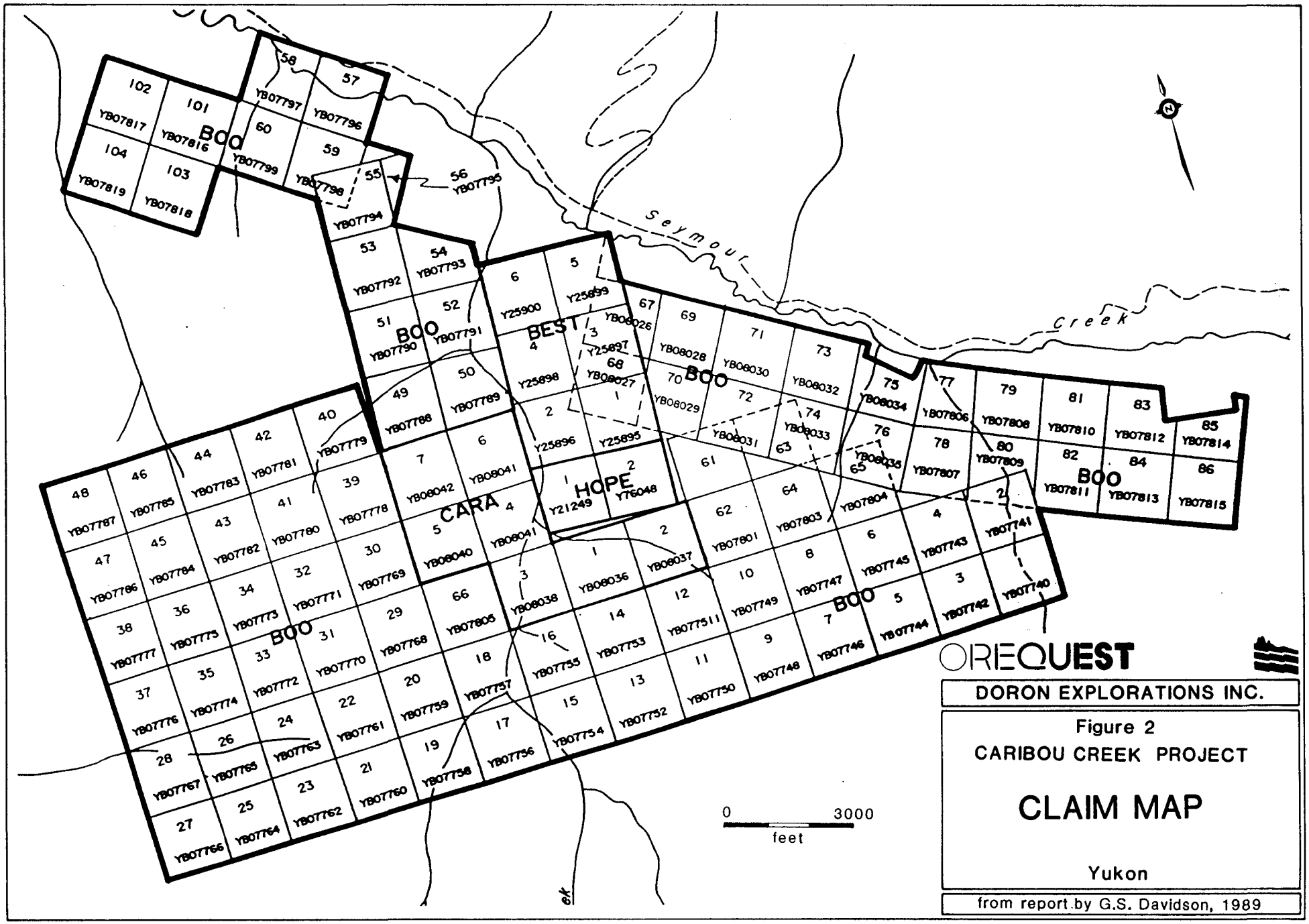
Figure 1

CARIBOU CREEK PROJECT

LOCATION MAP

Yukon

February 1989 Drafting: BJM


BOO
BEST
HOPE
CARA
Seymour
Creek
0
3000
feet
OREQUEST
DORON EXPLORATIONS INC.
Figure 2
CARIBOU CREEK PROJECT
CLAIM MAP
Yukon
from report by G.S. Davidson, 1989

Physiography and Vegetation

Located in the Dawson Range of the Coast Mountains the area is characterized by large well rounded hills and ridges. Valley floors are flat and swampy with steep valley walls. Most of the area escaped glaciation during the last Ice Age or received limited effects. Elevations within the claim area range from 750 m in the Seymour Creek Valley to 1370 m on the south and west sides of the claims.

"Vegetation in the district consists of white and black spruce forest, and poplar groves below 1200 m of elevation. At higher levels stunted trees and buck brush form a thick ground cover. This vegetation thins out on the highest ridge tops to alpine grasses and moss. Northerly facing slopes and valley floors are often underlain by permafrost, which hinders trenching and road building." (Davidson, 1989)

HISTORY AND PREVIOUS WORK

"Prospector P.F. Guder first discovered gold-bearing rock on the west side of Freegold Mountain in 1930. He located the Augusta claim over an auriferous magnetite showing and proceeded to dig hand pits and shafts along the structure. On hearing of the find, prospectors rushed into the region, staking over 100 claims in the autumn and winter of 1930-31.

The Laforma quartz vein was discovered on the southeast side of Freegold Mountain and was developed by the N.A. Timmins Corporation from 1934-1935. In 1935 the Yukon Consolidated Gold Corporation acquired the Laforma property and continued the underground development.

Caribou Creek was first prospected for placer gold in 1931 by Guder and associates. They sunk numerous shafts along the narrow steep sided valley. On finding boulders of quartz containing visible gold at the bottom of a small gulch (Rabbit Gulch) they began trenching the side hill. The bedrock source was located

and staked in 1937 by W. Teare. A gravity fed stamp mill was constructed to process hand picked ore from an open cut and adit. In 1938 twelve tons of high grade quartz was milled, producing 88 ounces of gold.

In the winter of 1938-1939 the milling equipment was moved from Caribou Creek to the Laforma property. Development at Laforma continued through the 1940's and 1950's with periodic production. In 1965-1966, Ormsby Mines Ltd. redeveloped the Laforma mine and processed 5,938 tons of ore grading 0.27 opt gold and 0.96 opt silver. Published reserves at Laforma are 180,000 tonnes grading 11 g/t (0.39 opt) gold.

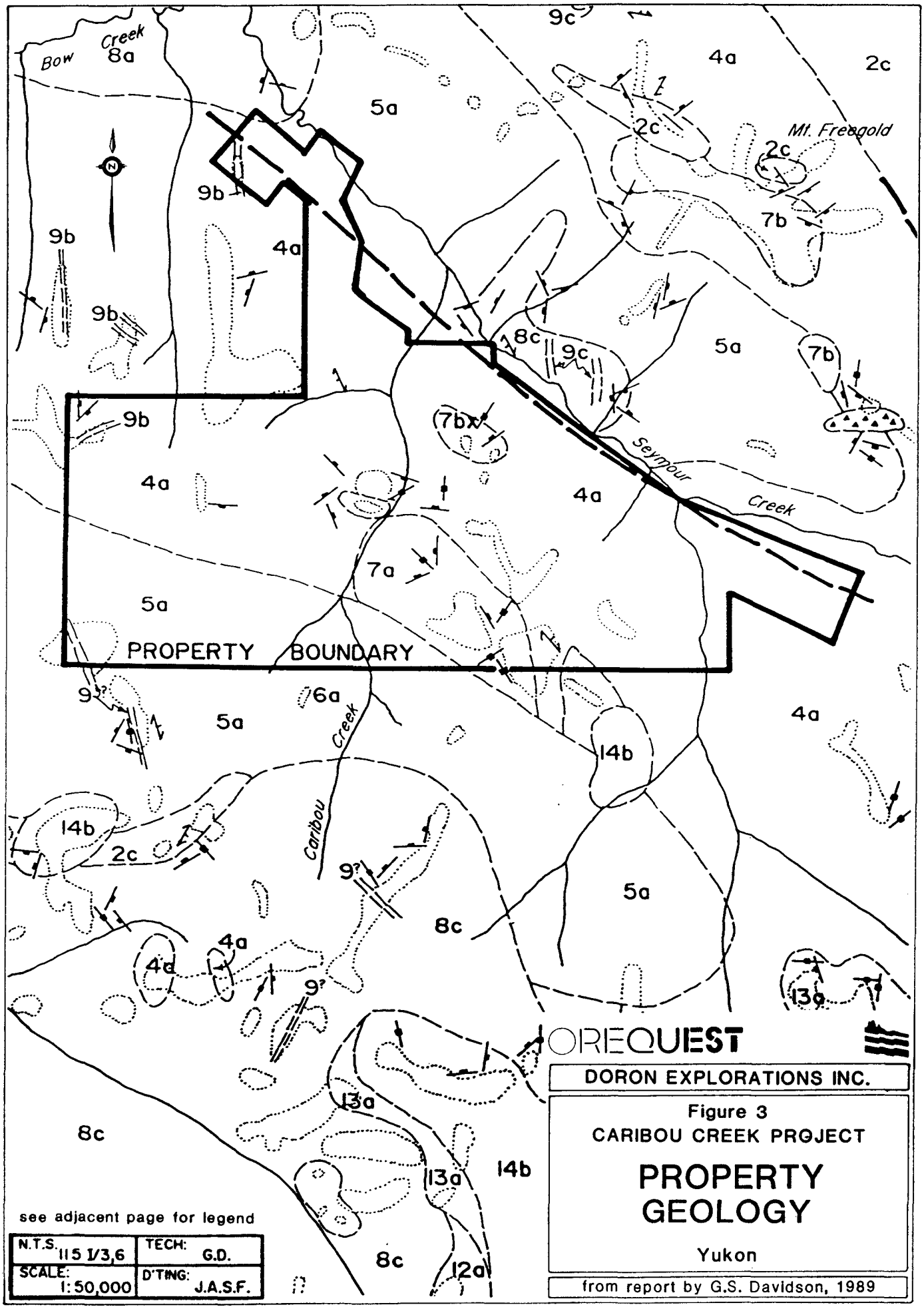
In the late 1960's exploration focussed on porphyry copper occurrences in the Dawson Range. Well developed leached caps were recognized, overlying highly fractured porphyry copper deposits. These leached caps became exploration targets in the 1980's when the Antoniuk low grade gold deposit was outlined on Freegold Mountain.

At Caribou Creek exploration was carried out by F. Guder, R. Granger and associated companies from 1969 to 1982. This work consisted of road construction and bulldozer trenching. In 1981 Arctic Red Resources Corp. evaluated a weakly mineralized porphyry system (ZIT showing) which is now covered by the BOO claims." (Davidson, 1989)

REGIONAL GEOLOGY

"The Freegold Mountain area overlies a major suture dividing Yukon Cataclastic Terrane and Yukon Crystalline Terrane. The northwest bearing Big Creek Fault separates older schists and gneisses of the Crystalline Terrane to the south from foliated plutonic rocks of the Cataclastic Terrane to the north. Younger intrusions of granitic composition and volcanics are common along the suture.

The area is primarily underlain by syenite and monzonite of the Early Jurassic Mount Freegold Meta-Plutonic Suite and by Casino granodiorite of the Early Cretaceous Dawson Range Plutonic Suite (Figure 3).


Bow Creek
8a
9c
4a
2c
5a
2c
Mt. Freegold
2c
9b
7b
4a
9b
9b
18c
9c
5a
7b
9b
7bx
Seymour
Creek
4a
4a
7a
5a
PROPERTY BOUNDARY
9?
6a
5a
Creek
4a
14b
14b
2c
Caribou
9?
5a
8c
4a
4a
9?
13a
OREQUEST
DORON EXPLORATIONS INC.
13a
8c
14b
13a
see adjacent page for legend
8c
12a
N.T.S. 115 1/3,6
TECH: G.D.
SCALE: 1:50,000
D'TING: J.A.S.F.
Figure 3
CARIBOU CREEK PROJECT
PROPERTY GEOLOGY
Yukon
from report by G.S. Davidson, 1989

LEGEND FOR FIGURE 3

LATE CRETACEOUS TO PALEOCENE
14 - Carmacks Suite, 14b - basalt flows

CRETACEOUS TO PALEOCENE
Mount Nansen Suite
9 - Porphyry dykes, 9b - plagioclase-hornblende-quartz porphyry dykes
8 - Bow Creek granite, 8a - fine-grained biotite granite, 8c - pink weathering aphanitic dykes
7 - Mount Nansen volcanics, 7a - andesite to latite massive flows and feeders, 7b - leucocratic latite to rhyolite, 7bx - lapilli tuff, pyroclastics

EARLY CRETACEOUS
Dawson Range Plutonic Suite
5 - Dawson Range batholith, 5a - Casino granodiorite

EARLY JURASSIC
4 - Mount Freegold meta-plutonic suite, 4a - orthoclase-hornblende porphyritic syenite

PALEOZOIC AND OLDER
Basement Metamorphic complex
2 - Schist and gneiss units, 2c - biotite-quartz-feldspar schists, feldspar augen gneiss, amphibolite and minor quartzite and marble

Outcrop and felsenmeer

Geological boundary (defined, assumed)

Bedding

Schistosity, foliation (inclined, vertical)

Joints (inclined, horizontal, vertical)

Fault (observed, assumed)

Intrusive breccia

Volcanic flows, breccias and dykes of the Cretaceous Mount Nansen Volcanics intrude and overlie the older plutonic rocks. Gold mineralization occurs in quartz-chalcedony veining associated with intrusive breccias and quartz stockwork." (Davidson, 1989)

PROPERTY GEOLOGY

"The Caribou Creek property is underlain by Mesozoic plutonic rocks of the Yukon Crystalline Terrane intruded and overlain by Cretaceous and younger igneous rocks of the Mount Nansen Suite. On the west side of Caribou Creek, an unusual graphitic siltstone-volcanic porphyry unit hosts the gold bearing quartz stockwork (Caribou showing). The individual rock units are described as follows.

Cretaceous to Paleocene

Mount Nansen Suite

9 - Felsic volcanic plugs and dykes

Unit 9a consists of pinkish quartz-feldspar porphyry, occasionally containing fine-grained flow banded rhyolite. Unit 9b is a fine-grained pink felsite to felsite breccia which exhibits sharp unaltered contacts in syenite. Both units outcrop at the Zit showing and to the northwest on several ridge crests.

10 - Black sediments and volcanics

This unit is mainly graphitic siltstone with very minor silty sandstone; intercalated with and intruded by a number of highly altered porphyritic volcanic bodies composed of quartz and feldspar phenocrysts in a muscovite matrix. In places sericite mats replace the feldspar. The graphitic siltstone contains terrestrial fossils including grasses, stems, twigs and leaves.

7 - Volcanic flows, tuffs and pyroclastics

Unit 7a is dark green to black andesite to latite flows containing small feldspar phenocrysts. Unit 7bx consists of lapilli tuff and pyroclastics. These rocks outcrop on the ridges, east of Caribou Creek.

Early Jurassic

Mount Freegold Meta-Plutonic Suite

4 - Syenite and quartz monzonite

The most common unit on the property is a fresh, coarse-grained syenite, Unit 4A, which generally contains large phenocrysts of pink orthoclase in a coarse matrix of hornblende and plagioclase feldspar. Accessory minerals include quartz, magnetite, epidote and chlorite. Lenses of amphibolite and gneiss occur within the syenite.

Quartz monzonite, Unit 4B, is less common than the syenite. It consists of equigranular medium-grained plagioclase, hornblende and quartz and is weakly to strongly foliated. Sericite, kaolinite and chlorite alteration zones are present in the quartz monzonite." (Davidson, 1989)

DIAMOND DRILLING

Discussion

Diamond drilling programs were performed on the Caribou Creek property of Doron Explorations Inc. after preliminary surface work was done. The first program, directed by Doron, was initiated in the fall of 1988 and ended in late December, 1988. In 1989 OreQuest Consultants Ltd. was contracted to manage the next drilling program which was started on January 6, 1989 and shut down on January 31, 1989 due to extreme temperature conditions. The third and most recent program started May 18, 1989 and ended June 13, 1989.

In the 1988 program, a total of 911.18 metres was drilled in 19 HQ sized holes. The winter 1989 program consisted of 205.43 metres in 4 HQ sized holes. The recently completed program involved the addition of 469.88 metres of NQ sized core in 8 holes for a total of 1586.49 metres in 31 drill holes.

The holes drilled in 1988 were done in two stages with different prefixes attached to each stage. The first set of holes is prefixed by "88- followed by the hole number", with 12 holes drilled. The second series is prefixed by "DDH-hole number-dip of hole-88", with 7 holes drilled. The 1989 holes are labelled "CC-89-hole number", with 4 holes drilled. The 23 holes were collared at 9 different sites with each site labelled chronologically. This system was confusing so the holes have all been relabelled sequentially in the order that they were drilled. A common prefix has been attached to all drill holes which is as follows: "CC-Year Drilled-Hole Number". Table 1 shows the old hole number and the new hole number. The site

TABLE 2

1988 DIAMOND DRILL PROGRAM

Hole No.	Location	Azimuth	Dip	Collar Elev. (metres)	Depth (metres)	Cumulative Total (metres)
CC-88-1	Site #1	255	-50°	987.80	15.24	15.24
CC-88-2	"	vertical	-90°	987.80	37.19	52.43
CC-88-3	"	315	-50°	987.80	21.79	74.22
CC-88-4	"	315	-70°	987.80	22.86	97.08
CC-88-5	Site #2	215	-50°	995.12	60.05	157.13
CC-88-6	"	vertical	-90°	995.12	28.04	185.17
CC-88-7	Site #3	310	-50°	989.94	38.40	223.57
CC-88-8	"	vertical	-90°	989.94	108.81	332.38
CC-88-9	Site #4	160	-50°	1015.24	61.26	393.64
CC-88-10	"	vertical	-90°	1015.24	61.57	455.21
CC-88-11	"	160	-70°	1015.24	30.78	485.99
CC-88-12	"	320	-70°	1015.24	46.02	532.01
CC-88-13	Site #5	vertical	-90°	1032.93	45.72	577.73
CC-88-14	"	270	-50°	1032.93	30.48	608.21
CC-88-15	Site #6	035	-50°	1032.93	73.76	681.97
CC-88-16	"	035	-60°	1032.93	41.45	723.42
CC-88-17	Site #7	vertical	-90°	1035.98	57.61	781.03
CC-88-18	"	070	-45°	1035.98	67.36	848.39
CC-88-19	"	070	-60°	1035.98	62.79	911.18

Total 1988 drill program = 911.18 metres

TABLE 3

1989 DIAMOND DRILL PROGRAM

Hole No.	Location	Azimuth	Dip	Collar Elev. (metres)	Depth (metres)	Cumulative Total (metres)
Winter						
CC-89-20	Site #8	250	-45°	1020.12	42.67	42.67
CC-89-21	"	vertical	-90°	1020.12	68.88	111.55
CC-89-22	"	250	-70°	1020.12	44.81	156.36
CC-89-23	Site #9	250	-45°	1015.24	49.07	205.43
Summer						
CC-89-24	Site #9	250	-80°	1015.24	69.70	275.13
CC-89-25	Site #10	250	-60°	1000.00	75.30	350.43
CC-89-26	Site #11	250	-70°	1010.00	47.10	397.53
CC-89-27	"	250	-55°	1010.00	46.38	443.91
CC-89-28	Site #12	250	-45°	1004.00	44.21	488.12
CC-89-29	Site #13	vertical	-90°	1060.00	55.49	543.61
CC-89-30	"	150	-50°	1060.00	39.63	583.24
CC-89-31	Site #14	220	-65°	1080.00	92.07	675.31

Total 1988 drill program = 911.18 metres
Total Winter and Summer 1989 drill program = 675.31 metres
Total metres drilled = 1586.49 metres

numbering system was carried on chronologically thus the first hole drilled during the latest program was CC-89-24 at site #9.

Program Outline

The purpose of the summer 1989 drilling program was to test for downdip extensions of the gold mineralization outlined by the first two drilling programs and to extend the drill indicated strike length. A total of 5 holes were drilled to test for downdip extensions in the area of known mineralization. The other 3 holes were drilled to test for strike extensions to the north. A discussion of the results is found in the Geology and Mineralization section of this report.

Exploration Model

Surface exploration and drilling have shown that the basement material is sheared, and altered, intrusive or volcanic rocks of generally felsic composition. Lying stratigraphically atop these basement rocks is an interlayered sequence of graphitic siltstone and a graphitic black porphyry, with the siltstone being the predominant lithology. These two lithologies are jointly referred to as the black unit. The black porphyry is likely volcanic or intrusive in origin and has been flooded with graphite either from solutions brought up at depth or leached out of the siltstone. The black unit is capped by a porphyritic feldspar-hornblende syenite, exact age relationships have not been determined.

Gold is carried in solution by a large quartz vein or quartz feeder system which strikes at 340° and has a variable dip of approximately 40-70° to the east. Where this vein or feeder structure intersects the base of the black siltstone/porphyry the precipitation of fine to coarse free gold occurs. The

graphite appears to act as a catalyst in the gold precipitation, the strongly fractured siltstone/porphyry is a good host for fluid injection. Forceful injection of the quartz into this black unit creates the brecciated cockscomb stockwork quartz veining system with angular fragments of black unit found within the quartz veins.

The actual point of intersection between these two controlling structures appears to be where the best gold content can be found. Mineralization appears also to spread laterally out from the center of the system along the black unit/cataclastic intrusive contact. The extent of this spreading is unknown. The drilling programs have indicted that the auriferous breccia zone is limited to the intersection of two planes which has created a tube or cigar shaped mineralized structure.

Generally the black unit/cataclastic intrusive contact is gently dipping to the east and is not as steep as the feeder system. Drilling has indicted that either the black unit/cataclasite contact paralleled the feeder system or that faulting has inserted a sliver of black unit along the hanging wall of the feeder thus causing a swelling of the auriferous zone such as in holes CC-89-20, 21 and 22.

Geology and Mineralization

The lithologies of the drill holes are all fairly consistent though there is variation within the actual units themselves. Most of the holes are collared in the black unit and intersect mostly massive siltstone or interlayered black porphyry and black siltstone. Then either the breccia zone is encountered or cataclastic intrusive material. Occasionally volcanic dykes were intersected in some of the holes.

The siltstone is fine grained and dark black in colour. Generally it is strongly faulted with much gouge present and contains abundant small broken rounded or angular rock chips. Occasional brown sand and clay seams were also encountered. The upper portions of the holes were usually less competent with the more competent core found deeper in the holes. Some considerable gouge and rubble zones are present at depth. Recoveries were previously poor near the top of the holes, averaging 50-60%, with some intervals as low as 10% but improved using the NQ core and a better mud mixture.

The graphitic sections are associated with the areas of strongest deformation. Some iron oxide staining is found on fracture surfaces and minor quartz veining was noted, along with sections of talc-sericite stringer veins.

The black quartz-feldspar porphyry was seen as small dykes or sills intercalated within the siltstone over widths of a few centimetres to 1 or 2 metres. It also forms a distinct unit up to 5-6 metres wide and is occasionally found within the intrusive units. It contained up to 50% quartz and feldspar phenocrysts with little to much quartz replacement of the feldspar crystals. This unit and the siltstone are both referred to in this report as the black unit.

Small dykes of volcanic rock were encountered, seldom exceeding 2 metres in length. When fresh, this rock is a light green colour and is very fine grained. Minor small but nonetheless porphyritic mafic (hornblende?) crystals were noted. The dykes are commonly strongly oxidized to a yellow-brown colour.

Altered intrusive rocks form the basement unit. They include syenite and quartz monzonite, with minor quartz diorite and granodiorite which have been strongly altered. They appear to be brecciated and sheared especially at the siltstone/intrusive contact. The highly sheared sections may be volcanic in origin as fragments of volcanic material were observed in a finer grained altered matrix. The matrix material is a mixture of sheared quartz-feldspar-sericite with chlorite, epidote alteration and some local silicification. Porphyritic quartz and feldspar crystals are present in proportions up to 20%. Very fine grained pyrite and/or pyrrhotite is present with trace chalcopyrite noted.

The intrusive gradually grades into a more massive equigranular relatively unaltered rock with increasing depth. Fresh syenite has coarse grained pink feldspar crystals up to 1 cm x 2.5 cm and porphyritic green hornblende up to 1 cm x 1 cm in a matrix of creamy white feldspar. Fine grained, sheared syenite looks like a highly altered intrusive rock that is virtually devoid of quartz. This unit is likely older than the black unit but spatially lies on top of it.

The auriferous horizon or breccia zone as it has been labelled, is composed of the graphitic black unit. The characteristic feature is stockwork cockscomb quartz veining that hosts fine to coarse visible gold. The veins vary in width from 2 mm to 25 mm with random orientation of the veining to the core axis. The breccia zone averages 2-3 metres in width.

Visible gold mineralization is found within the black unit, where the vein intensity is highest. The graphite possibly acts as a catalyst in the gold precipitation, the strongly fractured black unit is a good host for injection of

fluids. Angular breccia fragments of black unit are found within the quartz veins themselves. The intensity of quartz veining drops off in the cataclastic intrusive though the cockscomb texture is still present. One speck of visible gold was seen in the intrusive unit in CC-89-21 some 1.5 metres below the contact with the siltstone.

The feeder system has different characteristics depending upon where it is encountered within the holes. When found below the breccia zone it is comprised of cockscomb quartz veining in cataclastic intrusive. The veins are up to 2 cm wide with occasional pure quartz sections up to 15 cm wide. The length over which this veining is found varies from hole to hole.

When found below the black unit lower contact, within the intrusive unit, it consists of either pure "bull" quartz, occasionally with a faint orange tinge or stockwork cockscomb quartz veining. Hole CC-89-25 intersected a 3.67 metre long interval of pure quartz. It is likely that the width of the unit varies, pinching and swelling along strike.

DRILL HOLE SUMMARIES

Site #1 - CC-88-1, 2, 3, 4

These holes were virtually collared in the breccia or feeder zone with only fragmented pieces of siltstone intermixed with cataclastic intrusive and black porphyry found at the top of the holes. Cataclastic intrusive is found to near the bottom of the 4 holes with relatively unaltered syenite, the last lithology encountered. Hole CC-88-01 assayed 2.140 oz/ton gold over 2.89 metres from 2.44 to 5.33 m. Due to the close proximity of the system to surface it is possible that holes CC-88-2, 3 and 4, which missed the zone, may have intersected it if they had

been stepped back. It is likely that they were collared on the zone with the casing put through any favourable mineralization.

Site #2 - CC-88-5, 6

Both these holes encountered intermixed siltstone and black porphyry to a depth of roughly 25 metres below surface. Hole CC-88-6, a vertical hole, was stopped before the target depth due to drilling difficulties. Drill hole CC-88-5 intersected a section of black gouge within the cataclastic intrusive from 36.5-38.1 metres at the approximate projections of the feeder system. Minor quartz-chalcedony veining was seen below this fault gouge with only small veins present. Minor black gouge underlies the veining. Both holes intersected the feeder system well downdip and therefore did not hit the favorable black unit/feeder system contact. The feeder system itself returned negligible gold values.

Site #3 - CC-88-7, 8

These holes were collared in the siltstone and were completed in the cataclastic intrusive.

Both holes intersected the feeder system although it is not that well defined in hole CC-88-8. In hole CC-88-7, the strongest feeder system is found from 19.50-22.50 metres with good cockscomb veining throughout that interval. Some weaker quartz veining is found above and below this intersection. Hole CC-88-8 had a very weak feeder structure projected to be at 20.00-25.00 metres. There is an area of relatively unaltered quartz diorite where the feeder should be which may have displaced the structure.

Site #4 - CC-88-9, 10, 11, 12

The four holes drilled at this site were also collared in siltstone. The siltstone is followed by a quartz-feldspar cataclastic intrusive or volcanic unit which over lies a thin layer of sheared, faulted siltstone. This thin siltstone layer overlies the breccia unit which has a thickness of 2-4 metres. Cataclastic intrusive underlies the breccia zone to the bottom of all the holes.

It should be noted that these holes are all drilled parallel to the strike of the breccia zone with all holes intersecting the unit. Results are as follows:

Hole	From (m)	To (m)	Length (m)	oz/ton Gold
CC-88-9	21.64	24.38	2.72	0.171
CC-88-10	22.25	24.99	2.74	2.533
CC-88-11	20.12	24.69	4.57	0.271
CC-88-12	18.90	22.25	3.35	0.331

In hole CC-88-10, a 10 cm section of core which assayed 60.420 oz/t gold was removed from the interval 23.77-24.99 metres. The interval, without this value gave an average grade of 0.549 oz/ton. When a weighted average of the 10 cm piece of core is added back into the interval the corresponding assay for the interval becomes 5.538 oz/ton gold. It is this value, 5.538 oz/ton gold over 1.22 metres that was used to determine the grade over the 2.74 m intersection.

Site #5 - CC-88-13, 14

These holes encountered thin intervals of siltstone, followed by cataclastic intrusives which overlay a relatively unaltered quartz monzonite. Both holes were collared too far west of the breccia zone trend to intersect it. A projection of the feeder system to surface would place it just about at the collar point of the holes. No samples were taken from either hole.

Site #6 - CC-88-15, 16

Minor black porphyry intermixed with siltstone was found to a depth of about 12 metres followed by cataclastic intrusive and thin relatively unaltered quartz monzonite. The holes are orientated at roughly 45° to the section line and as a result of this obliqueness appear to have gone just under the breccia zone and feeder system or possibly flanked them. No samples were taken from either hole.

Site #7 - CC-88-17, 18, 19

Thick successions of intermixed black porphyry and siltstone were encountered in all holes followed by the cataclastic intrusive. Holes CC-88-18 and 19 were drilled parallel to the dip of the feeder system and did not encounter the breccia zone as they drilled over top of the zone. Hole CC-88-17 intersected the feeder system but did not encounter the classic stockwork quartz breccia veining of the breccia zone as seen in other holes. Good cockscomb veining was seen in the feeder from 35.98-43.60 metres but did not contain encouraging gold mineralzation, results ranged from 10-50 ppb gold.

Site #8 - CC-89-20, 21, 22

These holes encountered largely siltstone in the top of the hole followed by intermixed siltstone and black porphyry, then a fairly thick sequence of porphyry. Below the porphyry is a 0.9 metre section of black siltstone gouge overlying the breccia zone. The breccia zone averages a true thickness of 1.5 metres. Visible gold was seen in all 3 holes with hole CC-89-21 containing abundant coarse gold. Assays include the following intersections.

Hole #	From (ft)	To (ft)	Length (ft)	oz/ton Gold
CC-88-20	26.52	28.35	1.83	0.071
CC-89-21	42.38	46.94	4.56	1.228
including	43.28	45.11	1.83	2.964
CC-89-22	32.46	33.99	1.53	0.832

The cataclastic intrusive/feeder in hole CC-89-21 contained subeconomic but nevertheless enriched gold assays of 0.043 and 0.025 oz/ton both over 0.92 metres intervals. Generally the feeder system contains 0.005 oz/ton. The sheared siltstone and black gouge directly on top of the breccia zone in CC-89-21 assayed 0.145 oz/ton over 0.92 metres.

The feeder system in holes CC-89-20 and 22 was not enriched like that in CC-89-21 with values ranging from 0.002 to 0.009 oz/ton gold.

It appears that these holes indicate a fault sliver of black unit (siltstone) was emplaced along the hanging wall of the feeder vein structure.

Site #9 - CC-89-23, 24

This site is located some 30 metres northwesterly along strike from Site #8. It intersected similar lithologies starting with siltstone, then intermixed siltstone and black porphyry with porphyry found overlying the breccia zone. The breccia zone, found only in hole CC-89-23, is underlain by the quartz-cataclastic intrusive feeder then sheared, semi-brecciated cataclastic intrusive with the hole bottoming in a yellow-brown volcanic dyke. The stockwork brecciated quartz veins are confined to a width of only 0.61 metres though some quartz veining was seen lower in the feeder system. The breccia zone assayed 0.105 oz/ton gold over 0.61 metres, from 35.66-36.27 metres. Assays from above and below the zone contain

negligible gold. Hole CC-89-24 was intended to be down dip extension of the breccia zone hit on hole CC-89-23. The hole hit the feeder system at 63.55-64.95 metres but no breccia zone thus indicating that the geometry of the breccia zone may indeed be a cigar like structure. The feeder system assayed 60 ppb gold over 1.4 metres.

Site # 10 - CC-89-25

This site is directly on strike from site #8. The hole was collared in fine grained syenite grading to the typical porphyritic feldspar-hornblende syenite which in turn caps the black unit. An interlayered sequence of siltstone and black porphyry was then encountered to a depth of 41.76 metres with much faulting near the bottom of the black unit. A narrow green volcanic dyke was intersected, then the underlying cataclastic intrusive which is found to the bottom of the hole.

Within the cataclastic a very strong feeder system was hit from 58.53-62.20 metres consisting of pure quartz. There are pits and vugs and some cockscomb veining but its predominately pure quartz. Quartz flooding in cataclasite and volcanic material was seen to a depth of 65.90 metres then a volcanic dyke to 70.58 metres. Below the dyke is cataclastic intrusive. Four samples were taken from the feeder system with the highest result being 80 ppb gold from sample #79132.

Site #11 - CC-89-26, 27

These holes were planned as down dip extensions around CC-88-10. Both are collared in cataclastic intrusive/volcanic quartz porphyry. After passing through approximately 23.5 metres of this unit, the black unit is encountered containing mostly porphyry with minor siltstone. The breccia zone is found in both holes along

the base of the black unit but is down dip from the feeder/black unit contact by some 6 metres in Hole CC-89-27 and 14 metres in Hole CC-89-26.

Cockscomb veining was observed in both holes in the black unit over widths of 4-5 metres. The veins are narrow (1-5 mm) and the vein density is low. The breccia zone is underlain by cataclastic intrusive to the bottom of the holes with the feeder system found within the cataclasite. The feeder system has a width of 1-2 metres. Results from the breccia zone gave a high of 90 ppb gold from hole CC-89-26 and 170 ppb gold from hole CC-89-27.

These 2 holes demonstrate the ability of the feeder system to spread out laterally for some distance along the base of the black unit from the center of the feeder/black unit contact. Unfortunately the ore grade mineralization was not encountered.

Site #12 - CC-89-28

This hole was drilled to provide fill-in information between holes CC-88-1 and 9, the intersection being half the distance between those previously drilled holes. It was collared in cataclastic intrusive volcanic quartz porphyry, then hit the black unit with the breccia zone from 14.40-15.24 metres and the feeder system to 17.00 metres.

The breccia zone is smaller than what was expected, a 0.68 metre interval of cataclastic intrusive separates the zone from the main black unit and may have replaced part of the mineralization. Assays of the breccia zone yielded 0.135

oz/ton gold and 0.100 oz/ton silver over 0.84 metres. Two samples of the feeder were both <.005 oz/ton gold with low silver.

Typical cataclastic intrusive underlies the feeder system to the bottom of the hole. Selected samples for assay returned negligible gold.

Site #13 - CC-89-29, 30

These holes were both collared some 180 metres north of site #9 on the north side of Rabbit Gulch. It is here that the original discovery was made by Guder. Several old pits were found and at least a dozen dump samples from these pits contained small flecks of visible gold. The drill was set up about 20 metres along the favorable strike direction from these pits, with the first hole a vertical one and the second inclined downhill back to the center of the pits.

Both holes intersected intensely faulted black units, especially in hole CC-89-30. There is one section in hole 30 where 4 metres of core was represented by about 25 cm of actual recovered rock. Below the black unit in hole CC-89-29 was cataclasite to the bottom of the hole. A possible feeder structure was intersected at 17-18.5 metres where almost pure dirty white quartz was found. Below this is altered cataclastic intrusive to the bottom of the hole.

Below the black unit in hole CC-89-30 was a small lens of cataclastic then black gouge then a classic feeder system structure from 25.77-33.53 metres. It was flooded with 2-10 mm wide cockscomb quartz veins at shallow angles to the core axis. This is underlain by the more typical cataclasite to the bottom of the hole. It is not known why hole CC-89-29 did not hit the same strong feeder structure. Results

from hole CC-89-29 returned negligible gold values. The results from hole CC-89-30 were better with 5 of the 7 samples of the feeder system containing values of 90-120 ppb gold. This shows that gold enrichment was present in hole CC-89-30 but not ore grade.

Site #14 - CC-89-31

This hole was collared back in the black unit and along strike from site #13 to attempt to intersect the black unit/feeder system at roughly the same elevation as that in hole CC-89-29. The drill cased through the black unit into the cataclastic intrusive to a depth of 25.60 metres. Again intense faulting was evident in the bottom 5 metres of the cataclasite before intermixed volcanic dykes, small cataclasite lenses, and intermixed black unit were hit to a depth of 37.65 metres. Below this was altered cataclastic intrusive to the bottom of the hole. There was fairly strong sericite until near the bottom of the hole, then chlorite alteration increased and sericite decreased. Hematite speckles and blebs were noted to about 60 metres depth. At the very bottom of the hole a small cockscomb vein was seen but drilling difficulties prevented going any further. Results were low in all samples taken.

Rabbit Gulch appears to be the surface expression of a fault which uplifts the stratigraphy. In holes drilled south of the gulch the black unit/cataclastic intrusive contact is found at around 980-995 metres above sea level. North of the gulch this same contact is at about 1040-1050 metres above sea level. This would offer one explanation why holes CC-89-29, 30 and 31 missed the breccia zone. Since the feeder system has an easterly dip projecting it to this higher elevation requires moving further west than where the holes were collared.

The intense faulting seen in these holes may have some effect on mineralization in the system near the fault zone such as deflecting the feeder system in hole CC-89-30. There is not enough information to formulate any effects due to this faulting other than there is definite vertical displacement, any horizontal displacement is unknown.

EXPLORATION POTENTIAL

Prospecting approximately 200 metres south of site #1 around the old stamp mill has revealed an exposure of quartz veins and stockwork veining approximately 1 metre wide on the north side of Caribou Creek. A further 300 metres south of this vein outcropping of the black porphyry has been found on the south side of Caribou Creek.

The main area drilled from sites #1-12 south of Rabbit Gulch, has been thoroughly worked and does not require any further detailed work at this time.

Drilling in the area north of Rabbit Gulch has shown that both structures are present and that there is vertical fault displacement of at least 40-50 metres on the north side of the gulch. The effects of the faulting are not known. The fact that the structures are present is encouraging as this represents a strike length of some 350 metres from site #1. A further 400 metres north of the gulch and drill sites 13 and 14 the black unit has been found in outcrop.

Based on the drilling and ground prospecting there is a strike length potential some 1300 metres from the black unit found on the south side of Caribou Creek to the black unit 400 metres north of Rabbit Gulch. In addition, the feeder system appears

to continue even further north and through the area of black unit outcrop. There is a large quartz vein known as the Sunny Vein some 1.5 km north of the area drilled. The Sunny Vein consists of pure quartz sections some 1-3 metres wide with associated stockwork veining over widths of 10-15 metres. This vein is believed to be the feeder system for the gold mineralization as it has similar textures and strikes at roughly 340° (or 160°). It lies some 700 metres north of the outcrop of black unit creating a potential strike length of some 2.0 km of known feeder system.

The Sunny Vein itself presents an interesting exploration target. When seen on surface or near surface in drill core it is devoid of sulphides. Since the system is of considerable magnitude there is potential for mineralization deeper down on the vein structure.

CONCLUSION AND RECOMMENDATIONS

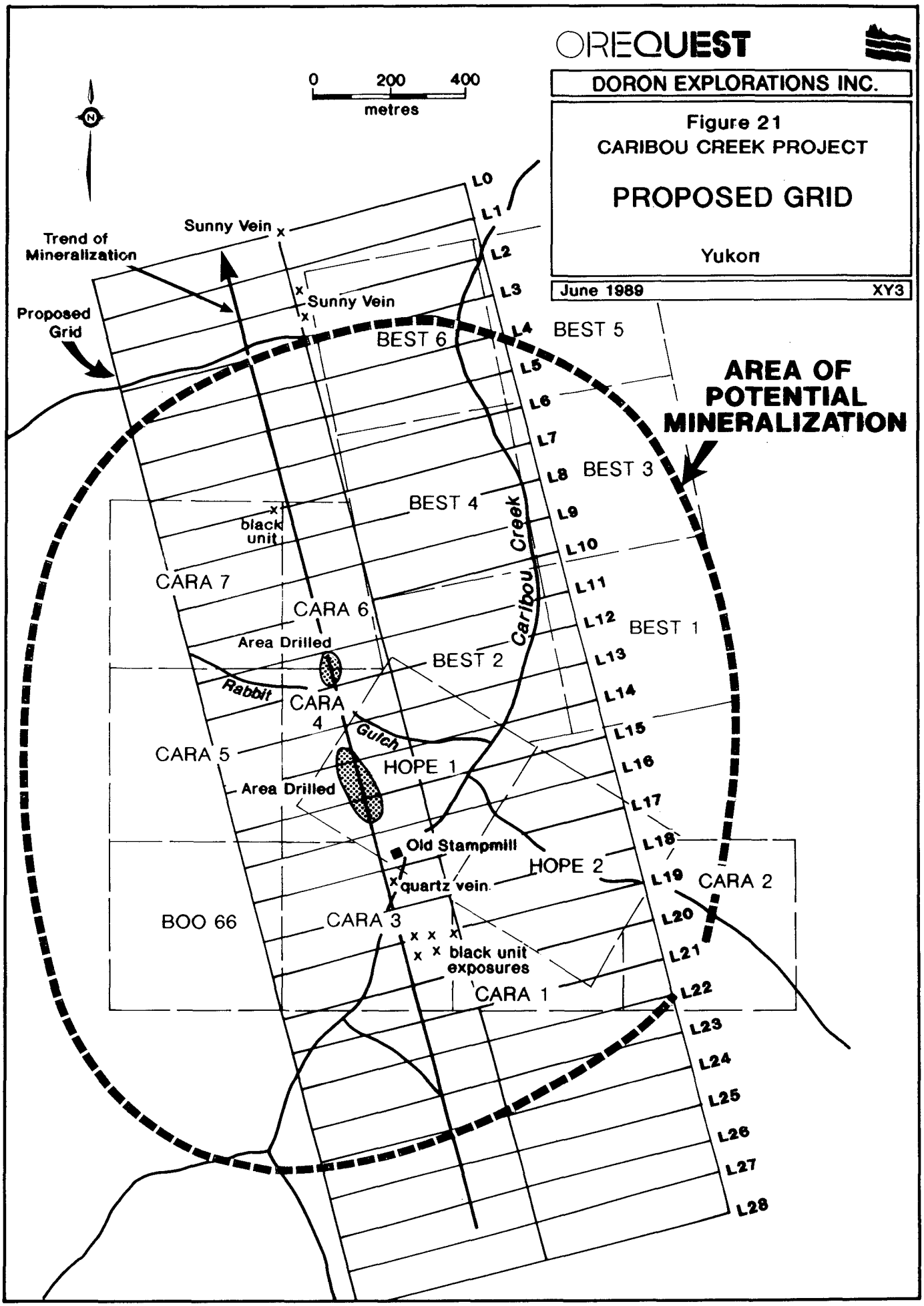
The Caribou Creek property contains free gold within brecciated stockwork quartz veins. The mineralization appears to be both structurally and chemically controlled. A major fault juxtaposes a black, graphitic siltstone or porphyry (the black unit) upon the Mt. Freegold Meta-Plutonic Suite. The contact of these two lithologies has provided a conduit for gold bearing solutions. A large quartz vein/stockwork veining system, known as the feeder system, transects the lithologies precipitating gold at the base of the black unit. A forceful injection of this feeder system into the base of the black unit created the breccia zone, with the stockwork quartz veining spreading vertically up into the black unit and laterally out along the black unit/cataclasite contact. The graphite in the black unit acts as a chemical barrier or catalyst for the precipitation of free gold.

To date a strike length of 160 metres has been outlined on a mineralized body trending 340°. Drilling north of the main area has shown the favorable stratigraphy is present giving a potential strike length of 350 metres. Prospecting has outlined a possible strike length of 1300 metres where the feeder system appears to cut the black unit. A total of 31 drill holes totalling 1586.49 metres have been completed on the property of which 10 have intersected the breccia zone and returned anomalous gold assays.

Further work is recommended to complete surface exploration on the mineralized horizon. A new grid system should be established over the entire favorable area to provide control for subsequent surveys. Detailed geological mapping and prospecting in conjunction with ground magnetic and electromagnetic geophysical surveys should be performed utilizing this grid. The geophysical surveys should detect the black unit/cataclasite contact and therefore the favorable auriferous horizon. The main area of drilling will provide background information on the geophysical signature of the known mineralization.

Anomalies from this work should be trenched as overburden covers much of key areas on the property. The trenching will also establish a road system that would be needed for further drilling.

Further work would be contingent upon favorable results from recommended ground surveys. It would involve diamond drilling of geophysical and/or trenching anomalies. Since the target of mineralization appears to be a narrow high grade structure, determining contacts as accurately as possible on surface will greatly assist the spotting of drill holes.

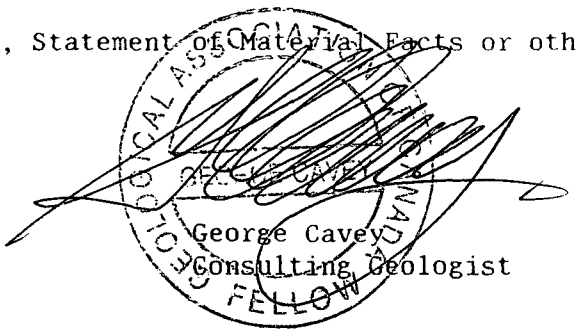

OREQUEST
DORON EXPLORATIONS INC.
Figure 21
CARIBOU CREEK PROJECT
PROPOSED GRID
Yukon
June 1989
XY3
0
200
400
metres
Trend of Mineralization
Proposed Grid
Sunny Vein
Sunny Vein
AREA OF POTENTIAL MINERALIZATION
BEST 6
BEST 5
BEST 4
BEST 3
BEST 2
BEST 1
CARA 7
CARA 6
CARA 5
CARA 4
CARA 3
CARA 2
CARA 1
HOPE 1
HOPE 2
BOO 66
black unit
Area Drilled
Area Drilled
Rabbit
Gulch
Caribou Creek
Old Stampmill
quartz vein
black unit exposures
L0
L1
L2
L3
L4
L5
L6
L7
L8
L9
L10
L11
L12
L13
L14
L15
L16
L17
L18
L19
L20
L21
L22
L23
L24
L25
L26
L27
L28

A bulk sample of some 50 tons would be included in the next phase of work upon completion of a successful drilling program. The bulk sample will give grade, metallurgical and test mining information.

CERTIFICATE of QUALIFICATIONS

I, George Cavey, of 6891 Wiltshire Street, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. The information contained in this report was obtained from the 1989 work program directly supervised by Wesley Raven of OreQuest Consultants Ltd.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Doron Explorations Inc.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.



George Cavey
Consulting Geologist

DATED at Vancouver, British Columbia, this 30th day of June, 1989.

CERTIFICATE of QUALIFICATIONS

I, Wesley D.T. Raven, of 21 West 60th Ave., Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed as an exploration geologist on a full time basis since 1983.
4. The information contained in this report was obtained during onsite property supervision personally conducted by myself in 1989.
5. I have no interest, direct or indirect, in the property nor in the securities of Doron Explorations Inc.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

Wesley D.T. Raven

Wesley D.T. Raven,
Consulting Geologist

DATED at Vancouver, British Columbia, this 30th day of June, 1989.

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APPENDIX I

DRILL LOGS

OREQUEST CONSULTANTS LTD.

DIAMOND DRILL HOLE RECORD Client DORON EXPL.INC.

Hole No.	CC 88-1	Northing	6904604 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	SEPT 24,1988	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386327 E	Casing	PULLED							Completed	SEPT 25,1988	Comments	
Location	YUKON TERRITORY	Elevation	987.80	Length	15.24							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50							Logged By	B.LUECK		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	255							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN/CASING Broken and rounded rock fragments with poor recovery. Varied lithologies including quartz monzonite, rhyolite porphyry, quartzite, and andesite. Probably loose material used to form drill pad.									
2.44	3.66				BRECCIA ZONE Very broken and fragmented core with poor recovery. Brecciated and veined with a small stockwork of cockade quartz veinlets, some chalcedony.									
2.44	3.66	4a	sil		-as above		CCDD 1	2.44	3.66	1.22		5.065		2.32
3.66	5.33				FEEDER SYSTEM Assorted broken fragments of clay-sericite altered granodiorite and quartz-feldspar porphyry. Some fragments of quartz veined material.									
3.66	5.33	4b	ser		-as above		CCDD 2	3.66	5.33	1.67		.004		.02
5.33	7.62				CATACLASTIC INTRUSIVE Broken and highly altered quartz monzonite and quartz-feldspar porphyry. Varied grain size from fine to porphyritic, rounded phenocrysts. Some minor cockade quartz veinlets.									
5.33	7.62	1			-as above		CCDD 3	5.33	7.62	2.29		.016		.10
7.62	12.19				CATACLASTIC INTRUSIVE BRECCIA ZONE Small quartz veins found throughout. Igneous rock of uncertain origin.									
7.62	9.14	1,4b	sil		-randomly orientated fracture filled quartz veinlets found throughout		CCDD 4	7.62	9.14	1.52		.002		.08
9.14	10.67	1,4b	chl,ser		-sheared with clay, sericite, and chlorite alteration and a greenish-yellow alteration of the feldspars, cockade quartz veinlets from 9.75-10.21m		CCDD 5	9.14	10.67	1.53		<.002		<.02
10.67	12.19	1,4b	sil		-as above but with increase in brecciation and veinlet frequency, 15-20cm quartz zone at 12.04m		CCDD 6	10.67	12.19	1.52		<.002		.02

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
12.19	15.24				CATACLASTIC INTRUSIVE \ QUARTZ MONZONITE Silicified, much harder than above unit and quartz veinlet frequency has decreased. Looks like a highly altered quartz monzonite.									
12.19	13.72	1,1a	sil		-as above		CCDD 7	12.19	13.72	1.53		<.002		<.02
13.72	15.24	1,1a	ser,chl	35	-chlorite and sericite alteration, fractures at 35 to c.a.		CCDD 8	13.72	15.24	1.52		<.002		<.02
	15.24				E.O.H.									

Hole No.	CC 88-2	Northing	6904604 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386327 E	Casing	Pulled							Completed	Comments
Location	YUKON TERRITORY	Elevation	987.80	Length	37.19							Drill Co. KLUANE DRILLING	
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By B.LUECK	
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL							Units METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.13				OVERBURDEN/CASING									
2.13	3.96				BRECCIA ZONE Very broken and fragmented core with 50% recovery. Mostly black feldspar porphyry with some minor quartz veining and chunks of cockade quartz in rubble.									
2.13	3.96	4a			-as above		CCDD 9	2.13	3.96	1.83		<.002		<.02
3.96	5.49				FEEDER SYSTEM Black quartz-feldspar porphyry grading into broken bleached granite. Core is quite broken with 60% recovery . Some quartz chips in rubble.									
3.96	5.49	4b			-as above		CCDD 10	3.96	5.49	1.53		.003		<.02
5.49	14.63				CATACLASTIC INTRUSIVE Broken and highly altered quartz monzonite and quartz-feldspar porphyry. Rounded to angular breccia textures present throughout. Chlorite, sericite, and clay alteration present.									
5.49	7.62	1	chl,ser		-strongly altered, quartz stringers common on fractures at 40 to c.a. gouge zone at 5.94m		CCDD 11	5.49	7.62	2.13		<.002		.02
7.62	10.06	1	chl	40	-networking chlorite stringers, <5% pyrite visible in less oxidized core, pyrite content increasing with depth	<5%	CCDD 12	7.62	10.06	2.44		<.002		<.02
10.06	11.58	1	chl,ser	30	-pyritic throughout, minor oxidized quartz stringers, slickensided fault surfaces -pitch of striations=50	<5%	CCDD 13	10.06	11.58	1.52		<.002		<.02
11.58	13.11	1	sil		-pyrite content has increased considerably with copper oxides now present over 30cm, >15% sulphides over upper 60cm of interval then decreases, a few quartz stringers present	>15%	CCDD 14	11.58	13.11	1.53		<.002		<.02
13.11	14.63	1	sil		-some sulphide and copper stain, quartz veining becomes prominent as the 14.63m mark is approached	<5%	CCDD 15	13.11	14.63	1.52		<.002		<.02
14.63	22.25				BRECCIATED CATACLASTIC INTRUSIVE WITH QUARTZ VEINS Basically a brecciated altered quartz monzonite. Most prominent feature is abundant stockwork and stringer quartz veins. Silicified throughout with some oxidized sections.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
14.63	16.15	1,4b	sil		-oxidized veinlets of cockade quartz in fine stringers		CCDD 16	14.63	16.15	1.52		<.002		.02
16.15	20.42	1,4b	sil		-some breccia texture, quartz vein content steadily increases with depth, massive veinlets near end at 20.42m		CCDD 17	16.15	20.42	4.27		<.002		<.02
20.42	22.25	1,4b	sil		-intensly silicified with massive chalcedony, minor copper stain with sulphide segregation on fracture surfaces	tr	CCDD 18	20.42	22.25	1.83		<.002		<.02
22.25	26.52				CATACLASTIC INTRUSIVE TO QUARTZ MONZONITE WITH QUARTZ VEINLETS Equigranular to fractured and brecciated intrusive rock. Minor to moderate sulphides disseminated throughout. Some oxidized and clay altered portions with chlorite and sericite also present.									
22.25	23.47	1,1a	sil,cly		-minor disseminated sulphides with some copper stain, weak clay and silica alteration	<.1%	CCDD 19	22.25	23.47	1.22		<.002		<.02
23.47	24.99	1,1a	sil,cly		-prominent stockwork quartz veinlets(non cockade), oxidized sections, <2% sulphides	<2%	CCDD 20	23.47	24.99	1.52		<.002		.03
24.99	26.52	1,1a	chl,ser		-very broken and altered section with >20% sulphides over 1m, chlorite sericite, clay and silicification present	20%	CCDD 21	24.99	26.52	1.53		<.002		.02
26.52	26.61				GOUGE ZONE A 10cm wide section of sand and clay seperates the granitic material above from the syenitic material below.									
26.61	37.19				SYENITE Semi equigranular texture in k-feldspar syenite. Mildly altered with hornblende altering to chlorite. -from 29.87-31.70m is strongly clay altered with broken k-feldspar in a yellow clay matrix, chlorite, sericite, and hematite alteration in matrix, angular cataclastic deformation is obvious -from 33.83-37.19m is a consistant fracturing at 40 to c.a.									
35.66	37.19	1d	sil	40	-oxidized with some quartz veinlets in granitic rock		CCDD 22	35.66	37.19	1.53		<.002		<.02
	37.19				E.O.H.									

Hole No.	CC 88-3	Northing	6904604 N	Core Size	HQ	Depth Dip Azimuth	Depth Dip Azimuth	Started		Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386327 E	Casing	Pulled			Completed		Comments	
Location	YUKON TERRITORY	Elevation	987.80	Length	21.79			Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50			Logged By	B.LUECK		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	315			Units	METRES		

FROM	TO	ROCK TYPE	ALT	MOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN / CASING									
2.44	5.79				BRECCIA ZONE / FEEDER SYSTEM Consists of intermixed black porphyry and cataclastic intrusive. The porphyry contains quartz phenocrysts and altered feldspar crystals. The intrusive has a conglomerate like explosion breccia texture containing igneous rock fragments and looks strongly altered.									
5.79	14.02				CATACLASTIC INTRUSIVE WITH COCKADE QUARTZ VEINS Sheared, brecciated, altered intrusive. This interval is characterized by the abundance of quartz and chalcedony stringer and stockwork veining. The intrusive is altered to a yellow-green colour.									
5.79	8.53	4b	sil		-minor pyrite and cockade quartz veinlets at 5.79m in an explosion breccia, little quartz veining in this interval	tr	CCDD 23	5.79	8.53	2.74		<.002		<.02
8.53	10.06	1,4b	sil		-start of strong veining		CCDD 24	8.53	10.06	1.53		<.002		.02
10.06	12.50	1,4b	sil		-heavy quartz and chalcedony veining, massive section from 10.36-10.97 metres then veining comprises about 40% of the core		CCDD 25	10.06	12.50	2.44		<.002		<.02
12.50	14.02	1,4b	sil		-anasymptopsing vein network with 2-10% pyrite throughout core	2-10%	CCDD 26	12.50	14.02	1.52		<.002		<.02
14.02	18.59				CATACLASTICALLY ALTERED QUARTZ MONZONITE AND SYENITE Fine grained equigranular granitic texture in strongly fractured rock. Chlorite seams in groundmass with fine disseminated pyrite throughout except where oxidized. No quartz so possibly of syenitic origin.									
14.02	17.07	1a,1d	chl,sil		-contains 20% fine pyrite, fine quartz-chalcedony +/- epidote stringers, flashy (adularia) k-feldspar growth of secondary origin in matrix	20%	CCDD 27	14.02	17.07	3.05		<.002		<.02
17.07	18.59	1a,1d	sil,chl		-some areas of silicification and secondary k-feldspar growth, the core becomes highly fractured and oxidized near bottom of interval	<5%	CCDD 28	17.07	18.59	1.52		<.002		<.02
18.59	21.79				SYENITE Weakly altered syenitic rocks with minor silicification. Pyrite and adularia growth throughout. Minor thin (<2cm) gouge zones present.									

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
18.59	20.27	ld	sil		-as above	<5%	CCDD 29	18.59	20.27	1.68		<.002		<.02
20.27	21.79	ld	sil		-as above	<5%	CCDD 30	20.27	21.79	1.52		<.002		.02
	21.79				E.O.H.									

Hole No.	CC 88-4	Northing	6904604 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth
Property	CARIBOU CREEK	Easting	386327 E	Casing	Pulled						
Location	YUKON TERRITORY	Elevation	987.80	Length	22.86						
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-70						
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	315						

Started		Target	BRECCIA ZONE
Completed		Comments	
Drill Co.	KLUANE DRILLING		
Logged By	B.LUECK		
Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN									
2.44	6.71				BRECCIA ZONE / FEEDER SYSTEM ? Consists of intermixed black porphyry and cataclastic intrusive. The porphyry contains quartz phenocrysts and altered feldspar crystals. The intrusive has a conglomerate like explosion breccia texture containing igneous rock fragments and looks strongly altered.									
2.44	4.57	4a,4b		sil	-small quartz stringers and bits of quartz breccia, only 50% recovery		CCDD 31	2.44	4.57	2.13		<.002		.02
4.57	6.71	4b		sil	-microfractured cataclastic intrusive, superficially looks like a conglomerate		CCDD 32	4.57	6.71	2.14		<.002		<.02
6.71	13.72				CATACLASTIC INTRUSIVE WITH COCKADE QUARTZ VEINS AND BLACK PORPHYRY Sheared, brecciated, altered intrusive. This interval is characterized by the abundance of quartz and chalcedony stringer and stockwork veining. The intrusive is altered a yellow-green colour. It is intermixed with black porphyry to a depth of 9.45m									
6.71	7.92	1,4b			-intermixed lithologies		CCDD 33	6.71	7.92	1.21		<.002		.02
7.92	9.45	1,4b		sil	-minor cockade quartz veins throughout		CCDD 34	7.92	9.45	1.53		<.002		.10
9.45	10.67	1,4b		cly	-as above		CCDD 35	9.45	10.67	1.22		<.002		.03
10.67	12.19	1,4b	sil,chl		-heavy quartz and chalcedony veining, massive section at 10.76m hosts disseminated pyrite, zone ends in clay altered intrusive rock	<5%	CCDD 36	10.67	12.19	1.52		<.002		.02
12.19	13.72	1,4b	sil,cly		-clay altered and oxidized with stockwork quartz veinlets at 13.11-13.72m		CCDD 37	12.19	13.72	1.53		<.002		<.02
13.72	19.81				CATACLASTICALLY ALTERED QUARTZ MONZONITE AND SYENITE Fine grained strongly clay altered rock with more competent sections and zones of silicification. Secondary k-feldspar (adularia) present. Weak pyrite throughout.									
13.72	15.24	1a,1d	sil,cly		-pyrite replacement in feldspars, clay altered and silicified	<5%	CCDD 38	13.72	15.24	1.52		<.002		<.02
15.24	16.76	1a,1d		sil	-alteration stronger than above section, ends abruptly in a gouge zone	<5%	CCDD 39	15.24	16.76	1.52		<.002		<.02
16.76	18.59	1a,1d		cly	-syenitic composition, large brecciated feldspar clasts		CCDD 40	16.76	18.59	1.83		<.002		<.02
18.59	19.81	1a,1d		sil	-hard pyritic rock like interval 15.24-16.76m	<5%	CCDD 41	18.59	19.81	1.22		<.002		<.02

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
19.81	22.86				SYENITE Syenitic rock which is silicified, pyritized, and has chlorite alteration veinlets as well as secondary pyrite growths. Seams of pink felsite up to 15cm wide are present.									
19.81	21.34	ld	sil,chl		-as above	<5%	CCDD 42	19.81	21.34	1.53		<.002		<.02
21.34	22.86	ld	sil,chl		-as above	<5%	CCDD 43	21.34	22.86	1.52		<.002		<.02
	22.86				E.O.H.									

Hole No.	CC 88-5	Northing	6904690 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386341 E	Casing	Pulled							Completed	Comments
Location	YUKON TERRITORY	Elevation	995.12	Length	60.05							Drill Co. KLUANE DRILLING	
NTS	115 I 366	Latitude	62 15 27 N	Dip-Collar	-50							Logged By B.LUECK	
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	215							Units METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN									
2.44	24.38				INTERMIXED SILTSTONE AND BLACK PORPHYRY Fine grained, black, locally graphitic siltstone intermixed with a black feldspar porphyry. Some muscovite alteration of the feldspars in the porphyry. Highly sheared up with lots of broken rock and poor recoveries throughout the section. Minor cataclastic intrusive section near bottom of interval.									
2.44	4.27	3a,3b		gra	-<40% recovery, some weak quartz veining		CCDD 59	2.44	4.27	1.83		.005		.13
4.27	6.10	3a,3b		gra	-<50% recovery, 70% siltstone, 30% porphyry(5.49-5.79m)		CCDD 60	4.27	6.10	1.83		<.002		<.02
6.10	8.23	3a,3b		gra	-intermixed lithologies		CCDD 61	6.10	8.23	2.13		<.002		<.02
8.23	10.06	3a,3b		gra	-8.23-8.53m porphyry, 8.53-9.14m=20% recovery of siltstone, rest of interval is competent siltstone		CCDD 62	8.23	10.06	1.83		<.002		<.02
10.06	11.28	3a,3b		ser?	-feldspar porphyry, feldspars altered to soft greenish white mats		CCDD 63	10.06	11.28	1.22		<.002		<.02
11.28	12.80	3a,3b	sil	gra	-fault zone from 11.28-12.50m, highly graphitic, 2cm lenses of hematite stained siltstone are present, quartz stringers are present at 12.50-12.80m in porphyry		CCDD 64	11.28	12.80	1.52		<.002		<.02
12.80	13.56	3a,3b	sil	gra	-highly sheared siltstone, minor quartz stringers, yellowish altn.		CCDD 65	12.80	13.56	.76		<.002		.03
13.56	16.61	3a,3b	sil	gra	-partially silicified, lacework quartz veining, intermixed porphyry		CCDD 66	13.56	16.61	3.05		<.002		.02
16.61	18.29	3a,3b		sil	-clay altered black porphyry grading to cataclastic intrusive at 17.98 metres,at contact is 5cm of cockade texture parallel quartz stringers		CCDD 67	16.61	18.29	1.68		<.002		<.02
18.29	20.42	1		sil	-Cataclastic intrusive with minor quartz stringers, clay & silica altn		CCDD 68	18.29	20.42	2.13		<.002		<.02
20.42	22.86	1	sil	cly	-Cataclastic intrusive with intermixed black porphyry		CCDD 69	20.42	22.86	2.44		<.002		<.02
22.86	24.38	3a,3b	sil	gra	-intermixed porphyry and siltstone with minor quartz stringers		CCDD 70	22.86	24.38	1.52		<.002		<.02
24.38	36.58				CATACLASTIC INTRUSIVE Cataclastically deformed intrusive rock with a pebble dyke texture. Alteration includes silica, sericite, chlorite, and clay.									
24.38	25.91	1	sil	cly	-pervasively altered clay-talc-pyrite zone	<5%	CCDD 71	24.38	25.91	1.53		<.002		<.02
25.91	27.43	1	sil	cly	-as above, slight increase in silica content	<.5%	CCDD 72	25.91	27.43	1.52		<.002		<.02
27.43	32.00	1	sil	cly	-as above, silicification increases to 28.96m then decreases in a greenish altered rock, very minor pyrite	tr	CCDD 73	27.43	32.00	4.57		<.002		<.02
32.00	36.58	1	ser	cly	-as general description		CCDD 74	32.00	36.58	4.58		<.002		<.02

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
36.58	38.10				FAULT ZONE Section begins with black sandy gouge material which becomes intermixed with pieces of sericite altered granitic rock. Section becomes more clay rich with creamy gouge on granitic core to 38.10m									
36.58	38.10		cly,ser		-as described above		CCDD 75	36.58	38.10	1.52		<.002		<.02
38.10	60.05				QUARTZ MONZONITE Relatively unaltered granitic rocks mostly a quartz monzonite in composition. Alteration includes silica, clay, muscovite, and sericite with very minor chlorite. Some sheared and oxidized sections.									
38.10	39.62	1a	cly,ser		-clay and sericite, oxidized fractures		CCDD 76	38.10	39.62	1.52		<.002		<.02
39.62	41.15	1a	sil		-minor quartz-chalcedony veining (up to 5cm wide) from 39.93-40.54m		CCDD 77	39.62	41.15	1.53		<.002		<.02
41.15	43.59	1a	sil		-as above but starts with a 30cm wide black sand seam		CCDD 78A	41.15	43.59	2.44		<.002		<.02
43.59	47.24	1a	mus		-as general description		CCDD 78B	43.59	47.24	3.65		<.002		<.02
47.24	50.29	1a	mus		-as above		CCDD 79	47.24	50.29	3.05		<.002		<.02
50.29	51.82	1a	cly		-clay altered and oxidized from 50.29-51.21m with minor quartz veins then total clay alteration of rock by 51.82m		CCDD 80	50.29	51.82	1.53		<.002		<.02
51.82	53.34	1a	ser,sil		-minor silica veining in sericite altered coherent rock		CCDD 81	51.82	53.34	1.52		<.002		<.02
53.34	54.86	1a	sil		-intensly silicified with stockwork quartz-chalcedony throughout the section, 5% pyrite in veins from 53.49-53.95m, some brecciation	<5%	CCDD 82	53.34	54.86	1.52		.002		.02
54.86	57.91	1a	sil		-10cm black sand seam at start of interval then silicified quartz monzonite with chalcedony veining		CCDD 83	54.86	57.91	3.05		<.002		.02
57.91	60.05	1a	sil		-minor quartz veining with pyrite locally up to 20%	<20	CCDD 84	57.91	60.05	2.14		<.002		<.02
	60.05				E.O.H.									

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Hole No.	CC 88-6	Northing	6904690 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386341 E	Casing	LEFT							Completed	Comments
Location	YUKON TERRITORY	Elevation	995.12	Length	28.04							Drill Co.	KLUANE DRILLING
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By	B.LUECK
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL							Units	METRES

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.20				OVERBURDEN									
3.20	26.52				INTERMIXED SILTSTONE AND BLACK PORPHYRY Fine grained, black, locally graphitic siltstone intermixed with a black feldspar porphyry. Some muscovite alteration of the feldspars in the porphyry. Highly sheared up with lots of broken rock and poor recoveries throughout the section. Minor cataclastic intrusive section near bottom of interval.									
3.20	4.57	3a,3b	gra,sil		-<50% recovery, some minor quartz veining, mostly porphyry recovered		CCDD 44	3.20	4.57	1.37		<.002		<.02
4.57	5.79	3a,3b	gra		-<50% recovery, as above but with no quartz veining		CCDD 45	4.57	5.79	1.22		<.002		<.02
5.79	8.23	3a,3b	gra		-intermixed lithologies, weak chlorite veinlets in siltstone, graphitic siltstone highly sheared with a yellowish-white alteration or vein product from 7.01-8.23m		CCDD 46	5.79	8.23	2.44		<.002		<.02
8.23	9.75	3a,3b	gra		-minor quartz veinlets at 9.60m		CCDD 47	8.23	9.75	1.52		<.002		<.02
9.75	11.28	3a,3b	gra		-as general description		CCDD 48	9.75	11.28	1.53		<.002		<.02
11.28	14.33	3a,3b	sil,gra		-minor quartz veining near shear zones with slickenside surfaces at 30-60 to c.a.		CCDD 49	11.28	14.33	3.05		<.002		<.02
14.33	15.85	3a,3b	sil,gra		-minor hematite bands, cockade quartz veining in porphyry @ 15.24-15.85 metres		CCDD 50	14.33	15.85	1.52		<.002		.03
15.85	17.37	3a,3b	sil,gra		-mostly black porphyry with minor quartz veining, ends in cataclasite		CCDD 51	15.85	17.37	1.52		<.002		<.02
17.37	19.51	1	sil		-Cataclastic Intrusive with broken and milled rock fragments		CCDD 52	17.37	19.51	2.14		<.002		<.02
19.51	20.42	1	sil		-Cataclastic Intrusive with black porphyry fragments, thin but abundant vuggy stockwork cockade quartz veinlets		CCDD 53	19.51	20.42	.91		<.002		<.02
20.42	21.95	1	sil		-Cataclastic Intrusive with quartz veining from 21.64-21.95m		CCDD 54	20.42	21.95	1.53		<.002		<.02
21.95	23.47	1	sil		-Cataclastic Intrusive with thin silicified shear zones at 45 to c.a.		CCDD 55	21.95	23.47	1.52		<.002		<.02
23.47	24.99	3a,3b	sil,gra		-mixed lithologies with minor quartz veinlets near and in siltstone		CCDD 56	23.47	24.99	1.52		<.002		<.02
24.99	26.52	3b	sil		-mostly black porphyry, sheared with minor silicification		CCDD 57	24.99	26.52	1.53		<.002		<.02
26.52	28.04				CONTACT ZONE / CATACLASTIC INTRUSIVE									
26.52	28.04	3b,1	sil		-contact zone between porphyry and cataclastic intrusive with good stockwork quartz veining from 26.82-27.74m		CCDD 58	26.52	28.04	1.52		.006		.02
	28.04				E.O.H.									

Hole No.	CC 88-7	Northing	6904630 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	
Property	CARIBOU CREEK	Easting	386330 E	Casing	PULLED							Completed	
Location	YUKON TERRITORY	Elevation	989.94	Length	38.40							Drill Co.	KLUANE DRILLING
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50							Logged By	W RAVEN
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	310							Units	METRES

Target BRECCIA ZONE
Comments

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.13				OVERBURDEN									
2.13	2.44				BLACK SILTSTONE Small chips of siltstone/porphyry with 5cm of intrusive at very top of section.									
2.44	27.20				QUARTZ PORPHYRY / CATACLASTIC INTRUSIVE Whitish-yellow brown colour with 10-30% porphyritic milky white quartz eyes in a fine to medium grained matrix. Looks semi brecciated with top 6.10m of unit very broken up. Rusty fractures with manganese stain throughout unit.									
					-11.13-11.73m Black Siltstone									
13.50	14.50	1			-minor broken core, large (2x5cm) rounded ellipsoidal intrusive fragments in matrix	1	79032	13.50	14.50	1.00	40			
14.50	15.50	1		sil	-fragments as above, 1 cockscomb quartz vein 2mm wide at 5 to c.a. at start of interval, and one vein 1cm wide at 15.50m, both veins rusty with no visible mineralization	1	79033	14.50	15.50	1.00	80			
15.50	16.50	1		sil	-minor cockscomb quartz veins at 30-40 to c.a.	1	79034	15.50	16.50	1.00	40			
16.50	17.50	1		sil	-chlorite altered coarse fragments, 2 minor 2mm wide cockscomb quartz veins, siltstone/porphyry from 17.25-17.42m with quartz veining	1	79035	16.50	17.50	1.00	40			
17.50	18.50	1		sil	-fine disseminated pyrite, minor quartz veining and broken core	2-3	79036	17.50	18.50	1.00	70			
18.50	19.50	1		chl,ep	-clay on fractures, chlorite and epidote in matrix, coarse fragments	1	79037	18.50	19.50	1.00	40			
19.50	20.50	1,4b		ser	-rusty throughout, vein intensity increasing and sericite in matrix	1	79038	19.50	20.50	1.00	50			
20.50	21.50	1,4b		sil	-good cockscomb quartz veining throughout interval, veins at 40 to c.a. and average 3-4mm wide with minor traces of pyrite, manganese stain on fractures	1	79039	20.50	21.50	1.00	nd			
21.50	22.50	1,4b		sil,ser	-moderate cockscomb veining at 10-20 to c.a. strong sericite in matrix	1	79040	21.50	22.50	1.00	5			
22.50	23.50	1,4b		ser,ep	-strong clay-sericite-epidote in matrix, 15cm of noncockscomb quartz veining from 23.10-23.25m		79041	22.50	23.50	1.00	30			
23.50	24.50		1	cly,ser	-80% recovery, strong clay-sericite for 30cm in crumbly rock then more competent		79042	23.50	24.50	1.00	40			
24.50	25.50	1		sil	-65% recovery, minor cockscomb veining		79043	24.50	25.50	1.00	20			
25.50	26.50	1		sil	-80% recovery, abundant semi cockscomb quartz veins 5-10mm wide with a few traces of pyrite	tr	79044	25.50	26.50	1.00	70			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
26.50	27.20	1	sil		-65% recovery, strong semi cockscomb quartz veining with trace py, last 20cm of interval is bull quartz chips	tr	79045	26.50	27.20	.70	40			
27.20	38.40				TRANSITIONAL CATACLASTIC INTRUSIVE Whitish colour, silicified, weak rust on fractures.									
27.20	29.00	1			-minor vuggy quartz veining over top half of interval -34.14-34.44m rubble -34.44-38.40m strong silicification	tr	79046	27.20	29.00	1.80	50			
	38.40				E.O.H.									

Hole No.	CC 88-8	Northing	6904630 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386330 E	Casing	PULLED							Completed	Comments
Location	YUKON TERRITORY	Elevation	989.94	Length	108.81							Drill Co. KLUANE DRILLING	
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By W RAVEN	
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL							Units METRES	

FROM	TO	ROCK TYPE	ALT	MOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	1.83				OVERBURDEN									
1.83	2.13				BLACK SILTSTONE Small chips and rubble of black siltstone									
2.13	28.50				CATACLASTIC INTRUSIVE Whitish-yellow brown colour with 10-30% porphyritic milky white quartz eyes in a fine to medium grained matrix. Looks semi brecciated with top 5.18m of unit very broken up. -8.08-8.38m gouge and rubble -10.82-11.43m gouge and rubble -12.19-12.80m Black Siltstone									
13.00	14.50	1	sil		-broken core and rubble for upper 30cm, some quartz blotches, heavy rust throughout interval	tr	79047	13.00	14.50	1.50	40			
14.50	16.00	1	man		-strong manganese stain on vuggy fractures	tr	79048	14.50	16.00	1.50	40			
16.00	17.50	1	man		-as above some rounded volcanic? fragments, rubble at end of interval	tr	79049	16.00	17.50	1.50	10			
17.50	19.00	1			-rounded quartz and volcanic fragments = semi conglomerate	tr	79050	17.50	19.00	1.50	40			
19.00	20.50	1			-as above only smaller and more rounded fragments, some quartz-carbonate tension gash infillings	tr	79051	19.00	20.50	1.50	40			
20.50	22.00	1	sil		-quartz splotches, minor vuggy rusty fractures	tr	79052	20.50	22.00	1.50	20			
22.00	23.50	1	chl		-coarse chloritized hornblende, large volcanic fragments	tr	79053	22.00	23.50	1.50	10			
23.50	24.50	1	sil		-rusty stringers at 20 to c.a. vuggy quartz veins 2-4mm wide at 20 to c.a. over last 20cm		79054	23.50	24.50	1.00	50			
24.50	25.50	1			-coarse hornblende, rusty stringers		79055	24.50	25.50	1.00	30			
25.50	26.50	1	sil		-minor vuggy quartz stringers, looks siliceous		79056	25.50	26.50	1.00	10			
26.50	27.50	1	sil		-gouge-limonite +/- quartz veins at 10 to c.a.		79057	26.50	27.50	1.00	10			
27.50	28.50	1	sil,chl		-quartz splashes and quartz-chlorite veins 4mm wide at 15 to c.a.		79058	27.50	28.50	1.00	50			
28.50	39.93				QUARTZ DIORITE TO DIORITE Relatively unaltered though mafics(15-20%) are chloritized. Minor rusty and chloritic fractures and some cataclastic material.									
28.50	30.00	1c			-rusty yellow-orange colour		79059	28.50	30.00	1.50	50			
30.00	31.80	1c	sil		-40cm gouge and rubble, minor quartz veining -33.83m 5cm gouge		79060	30.00	31.80	1.80	50			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-39.78-39.93m gouge									
39.93	108.81				TRANSITIONAL CATACLASTIC INTRUSIVE Pale white colour with <5% chloritized mafics. Sericite alteration throughout and looks weakly silicified. Semi fractured with some low angle quartz +/- sericite-carbonate veining. Contains 1-2% fine grained disseminated pyrite. -47.85-52.12m oxidized with rust on fractures -70.10-70.41m broken rock chips -73.15-73.76 rusty fractures on low angle (10 to c.a.) fractured core -77.42-77.72m gouge and rubble but mostly fractured core -81.23-82.30m lots of broken rock chips, minor gouge -85.95-86.41m fractured -86.41-90.53m fractured -90.53-96.62m Fault Zone - basically quite fractured rock with rust on fractures. Rock looks well fractured to bottom of hole once below fault zone -96.62-108.81m sericitic and silicified									
	108.81				E.O.H.									

Hole No.	CC 88-9	Northing	6904673 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth
Property	CARIBOU CREEK	Easting	386287 E	Casing	PULLED						
Location	YUKON TERRITORY	Elevation	1015.24	Length	61.26						
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50						
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	160						

Started		Target BRECCIA ZONE
Completed		Comments
Drill Co.	KLUANE DRILLING	
Logged By	B.LUECK	
Units	METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	4.57				OVERBURDEN									
4.57	9.14				BLACK SILTSTONE INTERMIXED WITH BLACK PORPHYRY Black graphitic siltstone intermixed with black quartz-feldspar porphyry.									
4.57	9.14	3a,3b		gra	-from 4.57-5.49m is porphyry, rest of interval is massive siltstone		CCDD 85	4.57	9.14	4.57		<.002		<.02
9.14	21.64				QUARTZ-FELDSPAR PORPHYRY / CATACLASTIC INTRUSIVE Brownish weathering rhyolitic volcanic or cataclastic intrusive with quartz-feldspar porphyroclasts. Some rounded volcanic clasts in matrix									
9.14	12.19	1,2			-as above		CCDD 86	9.14	12.19	3.05		<.002		<.02
12.19	16.15	1,2		sil	-as above but less oxidized, greenish grey colour, some minor fracture veinlets of quartz present		CCDD 87	12.19	16.15	3.96		<.002		<.02
16.15	19.81	1,2		sil	-as above but completely broken and oxidized from 17.68-17.98 and from 18.90-19.51m, some minor quartz veining present in interval		CCDD 88	16.15	19.81	3.66		<.002		<.02
19.81	21.64	1,2,3a		gra,sil	-mixed lithologies, sheared graphitic siltstone from 20.42-21.64m		CCDD 89	19.81	21.64	1.83		<.002		<.02
21.64	25.30				BRECCIA ZONE The zone is comprised of black siltstone characterized by the presence of stockwork quartz veining that has a cockscomb texture indicative of open space growth.									
21.64	22.86	4a		sil	-as above, classic ore zone		CCDD 90	21.64	22.86	1.22		.155		
22.86	24.38	4a		sil	-as above, intense quartz flooding, small pieces of visible gold can be seen in split core	VG	CCDD 91	22.86	24.38	1.52		.184		
24.38	25.30	4a,4b		sil	-contact zone between siltstone and brecciated, silicified intrusive rocks		CCDD 92	24.38	25.30	.92		.012		
25.30	29.57				FEEDER SYSTEM Cataclastic intrusive rocks with the same stockwork quartz veining as seen in the siltstone above.									
25.30	27.43	4b		sil	-as above		CCDD 93	25.30	27.43	2.13		<.002		.02

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
27.43	29.57	4b	sil		-as above		CCDD 94	27.43	29.57	2.14		<.002		.02
29.57	61.26				CATACLASTIC INTRUSIVE Basically a quartz monzonite in composition that has been sheared and exibits cataclastic textures such as broken fragments etc. Alteration includes chlorite, sericite, clay, muscovite, and silica.									
29.57	32.00				-oxidized, virtually no fracture veining									
32.00	35.66				-some chlorite seams with minor pyrite									
35.66	39.32				-minor pyrite in narrow sporadic fractured quartz veinlets									
39.32	43.28				-chlorite altered with some clay seams that are either white or rusty									
43.28	46.63				-as above but with a 30cm section of mixed siltstone and porphyry at 45.72-46.02m									
46.63	48.46				-as general description									
48.46	49.99				-parent rock completely altered, massive talc on fractures									
49.99	54.56				-chlorite, pyrite, and muscovite alteration, oxidized clay seams									
54.56	59.13				-completely altered intrusive to a talc-muscovite-pyrite massive rock									
59.13	61.26				-as above but with minor quartz veins present									
	61.26				E.O.H.									

Hole No.	CC 88-10	Northing	6904673 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth
Property	CARIBOU CREEK	Easting	386287 E	Casing	PULLED						
Location	YUKON TERRITORY	Elevation	1015.24	Length	61.57						
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90						
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL						

Started		Target BRECCIA ZONE
Completed		Comments
Drill Co.	KLUANE DRILLING	
Logged By	B.LUECK	
Units	METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	4.57				OVERBURDEN									
4.57	9.75				BLACK SILTSTONE INTERMIXED WITH BLACK PORPHYRY Black graphitic siltstone intermixed with black quartz-feldspar porphyry.									
4.57	7.92	3a,3b		gra	-good recovery, 75% siltstone, 25% porphyry		CCDD 105	4.57	7.92	3.35		.003		<.02
7.92	9.75	3a,3b	gra,sil		-minor vertical to c.a. quartz stringers till 8.84m then shear at 25 to c.a. as intrusive contact below is approached		CCDD 106	7.92	9.75	1.83		<.002		<.02
9.75	20.12				QUARTZ-FELDSPAR PORPHYRY = CATACLASTIC INTRUSIVE OR VOLCANIC Colour changes from yellowish to greenish down section. Contains some porphyroclasts of the same porphyry in a green matrix.									
9.75	14.33	1,2		sil	-as above		CCDD 107	9.75	14.33	4.58		<.002		<.02
14.33	20.12	1,2	sil,cly		-as above but oxidized a yellowish colour and cut by tiny fractures with a white alteration product on surface, minor quartz veinlets for last 3.05m of interval, black porphyry at bottom of interval		CCDD 108	14.33	20.12	5.79		<.002		<.02
20.12	22.25				SHEARED SILTSTONE Tectonically intermixed black porphyry and graphitic siltstone									
20.12	22.25	3a,3b	gra,sil		-as above with minor quartz veining		CCDD 110	20.12	22.25	2.13		<.002		<.02
22.25	24.99				BRECCIA ZONE The zone is comprised of black siltstone characterized by the presence of stockwork quartz veining that has a cockscomb texture indicative of open space growth.									
22.25	23.77	4a		sil	-as above, good stockwork veining		CCDD 111	22.25	23.77	1.52		.129		
23.77	24.99	4a		sil	-as above, spectular high grade visible gold, a 10cm section of core was removed and assayed seperately	VG	CCDD 112	23.77	24.99	1.22		5.538		
24.99	26.21				FEEDER SYSTEM Cataclastic intrusive rocks with the same stockwork quartz veining as seen in the siltstone above.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
24.99	26.21	4b	sil		-as above, oxidized interval		CCDD 113	24.99	26.21	1.22		.013		
26.21	61.57				CATACLASTIC INTRUSIVE Basically a quartz monzonite in composition that has been sheared and exibits cataclastic textures such as broken fragments etc. Alteration includes chlorite, sericite, clay, muscovite, and silica.									
26.21	28.04	1a	sil		-oxidized with minor quartz veining		CCDD 114	26.21	28.04	1.83		<.002		.02
28.04	30.78				-greenish colour, basically massive texture									
30.78	34.75				-as above but more chlorite altered biotite									
34.75	38.71				-talc-chlorite-pyrite alteration zone									
38.71	42.37				-partially silicified with chlorite and minor pyrite									
42.37	46.33				-as above but with more pyrite									
46.33	50.60				-partly to wholly silicified with chlorite alteration and seams and disseminations of pyrite throughout interval									
50.60	54.25				-as above but less silica and pyrite, talc alteration appears									
54.25	58.52				-as above with 5% pyrite in a chlorite zone									
58.52	61.57				-as above									
	61.57				E.O.H.									

Hole No.	CC 88-11	Northing	6904673 N	Core Size	HQ	Depth Dip Azimuth	Depth Dip Azimuth	Started		Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386287 E	Casing	PULLED			Completed		Comments	
Location	YUKON TERRITORY	Elevation	1015.24	Length	30.78			Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-70			Logged By	B.LUECK		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	160			Units	METRES		

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.05				OVERBURDEN									
3.05	8.84				BLACK SILTSTONE INTERMIXED WITH BLACK PORPHYRY Black graphitic siltstone intermixed with black quartz-feldspar porphyry. Broken core throughout unit with good recoveries.									
3.05	8.84	3a,3b		gra	-minor black porphyry, most of interval is graphitic siltstone		CCDD 122	3.05	8.84	5.79		<.002		<.02
8.84	20.12				QUARTZ-FELDSPAR PORPHYRY = CATACLASTIC INTRUSIVE OR VOLCANIC Colour is greenish with some yellow oxidation. Fracturing intensity increases downhole. Minor quartz veining lower down in unit.									
8.84	11.89	1,2			-as above, altered looking and oxidized throughout interval		CCDD 123	8.84	11.89	3.05		<.002		<.02
11.89	15.54	1,2			-increasing oxidation and more greenish in colour		CCDD 124	11.89	15.54	3.65		<.002		<.02
15.54	17.07	1,2		sil	-as above, minor quartz veining appears		CCDD 125	15.54	17.07	1.53		<.002		<.02
17.07	20.12	1,2		sil	-highly broken and oxidized with increasing shearing, the last 60cm of the interval is comprised of sheared black graphitic siltstone		CCDD 126	17.07	20.12	3.05		<.002		<.02
20.12	21.64				SHEARED SILTSTONE Black graphitic siltstone that is strongly sheared and has some intermixed broken quartz-feldspar porphyry									
20.12	21.64	4a		sil	-strong stockwork quartz veining at porphyry/siltstone contact		CCDD 127	20.12	21.64	1.52		.089		
21.64	24.69				BRECCIA ZONE The zone is comprised of black siltstone characterized by the presence of stockwork quartz veining that has a cockscomb texture indicative of open space growth.									
21.64	23.16	4a		sil	-as above, good stockwork veining with visible gold on broken core	VG	CCDD 128	21.64	23.16	1.52		.492		
23.16	24.69	4b		sil	-mostly intrusive material as host to abundant stockwork quartz veins		CCDD 129	23.16	24.69	1.53		.231		
24.69	26.21				FEEDER SYSTEM Cataclastic intrusive rocks with the same stockwork quartz veining as seen in the siltstone above.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
24.69	26.21	4b	sil		-as above, oxidized and clay altered at 25.91-26.21m		CCDD 130	24.69	26.21	1.52		<.002		<.02
26.21	30.78				CATACLASTIC INTRUSIVE Basically a quartz monzonite in composition that has been sheared and exibits cataclastic textures such as broken fragments etc. Alteration includes chlorite, sericite, and silica.									
26.21	30.78				-minor quartz veining and pyritic near end of interval with chl. altn.									
	30.78				E.O.H.									

Hole No.	CC 88-12	Northing	6904673 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386287 E	Casing	PULLED							Completed	Comments
Location	YUKON TERRITORY	Elevation	1015.24	Length	46.02							Drill Co. KLUANE DRILLING	
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-70							Logged By B.LUECK	
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	320							Units METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	8.84				BLACK SILTSTONE INTERMIXED WITH BLACK PORPHYRY Black graphitic siltstone intermixed with black quartz-feldspar porphyry. Broken core throughout unit with good recoveries.									
2.74	6.71				-mostly black porphyry, muscovite alteration on relic feldspars									
6.71	8.84				-graphitic siltstone throughout interval									
8.84	18.90				QUARTZ-FELDSPAR PORPHYRY =CATACLASTIC INTRUSIVE OR VOLCANIC Colour is greenish with some yellow oxidation. Fracturing intensity increases downhole. Minor quartz veining lower down in unit.									
8.84	10.67				-as above,									
10.67	15.54				-as above but more broken									
15.54	16.16				-as above but less oxidized									
16.16	17.99	1,2			-oxidized porphyry,rust on fractures, 75% recovery, mostly broken core		79090	16.16	17.99	1.83	40			
17.99	18.90	1,2			-as above but more competent		79091	17.99	18.90	.91	30			
18.90	20.42				SHEARED SILTSTONE Black graphitic siltstone that is strongly sheared and brecciated and broken in some places.									
18.90	20.42	4a		sil	-strong stockwork quartz veining throughout most of section		CCDD 138	18.90	20.42	1.52		.033		
20.42	24.99				BRECCIA ZONE The zone is comprised of black siltstone characterized by the presence of stockwork quartz veining that has a cockscomb texture indicative of open space growth.									
20.42	22.25	4a		sil	-as above, good stockwork veining with visible gold on split core	VG	CCDD 139	20.42	22.25	1.83		.579		
22.25	24.99	4b		sil	-mostly intrusive material as host to abundant stockwork quartz veins		CCDD 140	22.25	24.99	2.74		<.002		<.02
24.99	26.21				FEEDER SYSTEM Cataclastic intrusive rocks with the same stockwork quartz veining as seen in the siltstone above.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
24.99	26.21	4b	sil		-as above with intense quartz veining throughout		CCDD 141	24.99	26.21	1.22		<.002		<.02
26.21	46.02				CATACLASTIC INTRUSIVE Basically a quartz monzonite in composition that has been sheared and exibits cataclastic textures such as broken fragments etc. Alteration includes chlorite, sericite, and silica.									
26.21	27.74				-intensly clay altered and fractured									
27.74	32.00				-looks like quartz-feldpsar porphyry to 28.35m then silicified and pyritized altered quartz monzonite									
32.00	35.36				-as above									
35.36	39.62				-as above with minor quartz veining and oxidation									
39.62	43.59				-as above with sporadic pyrite content and less oxidation and veining									
43.59	46.02				-partially oxidized pyritic zone									
	46.02				E.O.H.									

Hole No.	CC 89-13	Northing	6904663 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED						
Location	YUKON TERRITORY	Elevation	1032.93	Length	45.72						
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90						
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL						

Started		Target BRECCIA ZONE
Completed		Comments
Drill Co.	KLUANE DRILLING	
Logged By	W.RAVEN	
Units	METRES	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	6.71				BLACK GRAPHITIC SILTSTONE Dark black colour,fine grained and locally quite graphitic. Contact with underlying cataclastic intrusive is faulted. -2.74-3.66m core broken in large angular blocks, fairly good recovery -3.66-5.18m core is small rounded chips with only 30% recovery -5.18-6.55m fault zone with semi pebbly black gouge, 80% recovery									
6.71	19.20				CATACLASTIC INTRUSIVE Fine to coarse grained with greenish white colour. Contains quartz eyes and porphyritic feldspars. Sericite alteration throughout with clay at fault zones and very minor carbonate alteration as stringers. Has about 5% disseminated pyrite throughout, locally up to 15%, with sporadic traces of chalcopyrite. Probably an altered quartz monzonite. -7.92-10.97m Fault Zone, lots of broken chips of core, yellow oxidation with some manganese and hematite -9.75-10.06m black gouge -10.52-10.82m yellow gouge -10.97-15.85m Chlorite-Epidote Alteration Zone Much greener in colour than above section with up to 5% poddy and disseminated pyrite. Some coarse quartz eyes and limonitic veins at 5-20 to c.a. -13.11-13.41m carbonate stringer veins -15.24-15.85m microbreccia texture -15.85-19.20m Fault Zone Strongly oxidized throughout with some vuggy open space filling. Sericitic throughout, no carbonate present. A fair bit of competent core in this zone that is seperated by gouge or rubble zones. Trace to 5% fine disseminated pyrite throughout in pale altered intrusive. -16.15-17.07m prominent gouge and rubble -17.68-17.98m gouge and rubble									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-19.05-19.20m gouge and rubble									
19.20	45.72				QUARTZ MONZONITE Fairly massive looking with an equigranular texture which is more pronounced towards the bottom of the hole. Medium to coarse grained with a pale greenish-white colour. Has the appearance of being weakly altered throughout caused by splotchy looking chlorite +/- epidote altered mafics and on a split surface the feldspars look "fused" together. Alteration includes weak sericite, moderate to strong silica and minor limonitic(rusty) veins. Contains 3-5% disseminated pyrite. -19.20-19.51m strong manganese stain in a shallow (5 to c.a.) vein -20.12-21.64m shallow angle (5-15 to c.a.) thin (2-3mm) graphite or dark chlorite stringer veins -21.79-22.10m rusty angular rubble -22.25m a 15cm section of broken core -22.40-23.32m some very coarse feldspar crystals (2.5x1cm) with a 3mm wide quartz limonite vein that carries pyrite and has flooded the interval from 23.01-23.16m with 20% pyrite -25.6m a 5mm wide barren quartz vein at 30 to c.a. -26.37-26.52m broken core -26.52-27.89m pale green fine grained section, quite rusted around fractures with 5-15% pyrite in small quartz +/- carbonate veins -27.89-35.5 fairly unaltered except for rust found on fractures which creates a rusty or leached halo up to 3cm wide around each fracture -35.51-35.66m broken core -35.66-37.49m paler coloured phase, semi gradational then hits rusty fractured section below -37.49-38.40m strongly rusted and fractured section with minor gouge on fracture faces -39.62-45.72m fairly white generally massive equigranular quartz monzonite -41.00m minor gouge, rusty yellow -41.45m minor gouge, rusty yellow -44.50-44.81m broken core -45.26m gouge at 35 to c.a. 12cm wide -44.81-45.57m semi brecciated looking with many small quartz +/- carbonate stringers mostly at shallow angles to core axis									
	45.72				E.O.H.									

Hole No.	CC 89-14	Northing	6904663 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED							Completed	Comments
Location	YUKON TERRITORY	Elevation	1032.93	Length	30.48							Drill Co. KLUANE DRILLING	
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50							Logged By W.RAVEN	
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	270							Units METRES	

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN									
2.44	2.74				BLACK GRAPHITIC SILTSTONE Fine grained, locally graphitic, mostly rubble chips and broken core.									
2.74	23.77				CATACLASTIC INTRUSIVE Strongly fractured giving rise to a semi brecciated look. Contains porphyritic quartz and feldspar crystals, the feldspars are altering to clay. Has a yellowish colour and is strongly oxidized. -3.35-4.27m mostly angular broken core -4.57-4.72m fault zone, rounded black siltstone chips -5.33-9.14m Strongly Altered Section Contains yellow-brown to greenish-black subrounded fragments with quartz eyes up to 1cm. Semi brecciated with manganese staining on fractures and is weakly to moderately rusty throughout. Only a trace of pyrite present. -6.10m broken core -6.71m minor gouge with carbonate -8.53-8.84m minor carbonate veining -8.84-9.14m broken core -9.45-12.19m Semi Leucocratic Silicified Phase Pale greenish-white to yellow-green with yellow-brown rusted or leached halos around fracture systems. Numerous small (1-4mm) wide carbonate veins at 10-30 to c.a. Some large subrounded fragments of finer grained paler material, usually with rusty halos around the fractures. -12.19-15.24m Darker green somewhat less altered looking intrusive. The chlorite and epidote in matrix looks sausseritized. Some minor carbonate veining and tension gash infillings, veins are at 20-30 to c.a. Rock still looks quite milled up.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-15.24-16.76m Fault Zone Strongly oxidized but basically the same rock type as that above. -15.42-15.54m gouge -15.70-15.85m angular manganese stained chips -16.31m minor gouge -16.76-20.73m Semi Silicified Phase Same as section 9.45-12.19m -17.83-18.29m 9 small (1-10mm) wide carbonate-quartz-pyrite veins, better pyrite (10%) in disseminated halos around veins -18.29-18.59m minor rusty gouge -19.35-19.81m rusty gouge with manganese -20.73-23.77m Fault / Shear Zone Strong yellow-brown colour. A fair bit of competent core with gouge found on fractures. Very shallow angle fractures from 22.86-23.77m with gouge, hematite, and manganese.									
23.77	30.48				QUARTZ MONZONITE White to grey or greenish-white colour. Fine grained for upper 1.5m then generally coarse grained, upper section looks mottled. Very weak allignment of minerals along planes at 60 to c.a. Fracture planes are all rusty coloured with minor to moderate manganese stain. A small percentage of mafic minerals in unit all of which are chloritized. -25.76-26.06m broken core, minor gouge -26.52m minor gouge -28.04-28.35m broken angular core -29.57-30.48m gouge, clay alteration									
	30.48				E.O.H.									

Hole No.	CC 89-15	Northing	6904676 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started		Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED							Completed		Comments	
Location	YUKON TERRITORY	Elevation	1032.93	Length	73.76							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	035							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	14.02				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with minor sections of black quartz-feldspar porphyry. Contact with cataclastic intrusive below at 30 to c.a. -2.74-3.20m black porphyry -3.35-3.55m gouge and rubble -5.18-6.10m gouge and rubble -6.71-7.32m black porphyry -7.92-12.19m gouge and rubble -13.11m gouge and rubble									
14.02	44.35				CATACLASTIC INTRUSIVE Rock looks brecciated with many large subangular fragments of finer grained intrusive? origin especially at siltstone contact. Yellowish-brown oxidized colour with weak pervasive clay alteration. Contains 10-20% porphyritic quartz eyes and mafics are weakly chloritized hornblende. No sulphides present. -17.98-18.29m minor clay and gouge on fractures -18.90-19.81m large fragments (green, fine grained) -20.12-20.73m broken core -22.56-28.35m Clay Altered Shear / Fault Zone Changes to a yellow-white colour and doesn't look as altered as above. Strongly sheared and brecciated with 10-20% quartz eyes but no mafic minerals. Sericitic throughout with a clay-sericite +/- epidote matrix. -22.71-23.01m gouge zone -24.23-24.38m gouge zone -25.91m gouge zone -26.52-28.04m a fair bit of competent rock -28.35-44.35m Transitional Cataclastic Intrusive									

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					Transitional section between strongly cataclastic rock above and weakly deformed rock below. Pale greenish white colour with sericite and clay alteration throughout. All fractures have limonite +/- manganese stain and some gouge, range from 5-50 to c.a. -31.09-32.00m coarse 2.5x1cm pink feldspars -34.44m talc? minor gouge -36.88-39.01m small gouge veinlets 1-5mm wide at 5-20 to c.a. -43.59-44.20m broken core, minor gouge									
44.35	73.76				QUARTZ MONZONITE Medium to coarse grained and fairly homogeneous throughout. Contains up to 40% quartz eyes and only 5% weakly chloritized mafics. Pale white colour with weak pervasive sericite and clay alteration. Small carbonate veins and tension gash infillings throughout. Veins range from 1-3mm wide and are more prevalent in the upper half of unit. Dominant trend at 40-60 to c.a. though some are shallower. Weak secondary silicification, usually cannont be scratched despite the presence of sericite. -47.24-49.99m about 10 small quartz veins -50.29m rusty, some broken core -53.04m rusty, some broken core -53.64-54.10m broken core and minor gouge especially at bottom -44.35-54.10m small amounts of rust on fractures with virtually no rust seen lower down -54.10-73.76m slight increase in mafics to 10%, still chloritized -62.18-64.92m more a quartz diorite -62.79-63.40m rusty stringers -64.31-64.62m rusty stringers -68.28m rusty stringers -71.17m rusty stringers									
	73.76				E.O.H.									

Hole No.	CC 89-16	Northing	6904676 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED							Completed	Comments
Location	YUKON TERRITORY	Elevation	1032.93	Length	41.45							Drill Co.	KLUANE DRILLING
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-60							Logged By	W.RAVEN
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	035							Units	METRES

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.20				OVERBURDEN									
2.74	8.84				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with minor sections of black quartz-feldspar porphyry. Entire section is quite broken up with many angular and rounded fragments. Recoveries average 40% for siltstone and 80% for black porphyry. -3.35-3.66m strong gouge -7.92-8.84m strong gouge -5.18-6.10m black porphyry									
8.84	36.58				CATACLASTIC INTRUSIVE Strongly deformed and semi brecciated with many large fragments of a green, finer grained intrusive. Contains 10-20% porphyritic quartz eyes and 10% chloritized hornblende. Has a yellowish-brown oxidized colour. Weak pervasive clay and sericite alteration with lots of rust and manganese on fractures. No visible sulphides. Upper contact with siltstone is faulted, cannont determine attitude. -9.14-9.45m strong gouge -9.75m moderate gouge -11.58-11.73m strong gouge -12.50-12.80m strong gouge -11.58-12.80m altered with large fragments, looks like conglomerate -13.11-13.41m strong gouge -14.17m minor gouge -15.85m minor gouge -18.44-18.59m strong gouge -20.12-24.69m *Transitional Cataclastic Intrusive* Pale greenish-white colour and looks weakly sausseritized. Quartz rich = 40% and rusty fractures +/- manganese throughout. Unit does not look brecciated. -22.40-23.01m coarse feldspars									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-24.69-28.35m Fault / Shear Zone Some fairly competent sections of a more brecciated transitional cataclastic intrusive than that above mixed in with a lot of gouge and very broken up rock. -28.35-36.58m Transitional Cataclastic Intrusive As described at 20.12-24.69m only more brecciated and fractured. -29.72-29.87m strong gouge at 20 to c.a. -31.39m a 2.5cm wide quartz vein at 40 to c.a., no sulphides and open space filling in centre of vein has produced 3-5 mm crystals of a dark black mineral. There are coarse grained pink feldspar crystals for 30cm on either side of this vein -31.70-32.00m heavy manganese stain on fracture at 5 to c.a. -36.58 gouge contact with relatively unaltered quartz monzonite below contact at 30 to c.a.								
36.58	41.45				QUARTZ MONZONITE Medium to coarse grained and pale greenish white in colour. Has 25-40% quartz eyes and 5-8% chloritized mafics. Weak pervasive sericite alteration and minor rust on fractures. Carbonate veins and tension gash infillings generally at 20-40 to c.a. Trace pyrite. -38.40-38.71m minor rusty zone with some gouge								
	41.45				E.O.H.									

Hole No.	CC 89-17	Northing	6904753 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started		Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED							Completed		Comments	
Location	YUKON TERRITORY	Elevation	1035.98	Length	57.61							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN									
2.44	35.98				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with best graphite around fault zones. Porphyry is medium to dark black colour with porphyritic white feldspar crystals up to 4x7mm. Minor rust on fractures for first 11.58m. Lower contact at 40 to c.a. -3.66-4.88m gouge and rubble -6.10-6.40m porphyry -8.23-9.91m porphyry -9.91-10.36m strong gouge and rubble -11.58-13.72m porphyry -14.33-14.78m gouge and rubble -15.85-16.31m gouge and rubble -17.22-18.90m porphyry -18.90-19.81m strong gouge -20.12-21.03m minor talc-sericite veining -21.64-21.95m minor gouge -23.16-23.47m gouge and broken core -23.77m good graphite on slickenside faces -24.38-24.99m strong gouge and rubble -25.15-25.76m rusty sericitic fractures -26.52-28.35m porphyry -28.65m gouge and graphite -29.26m good graphite									
29.57	30.79	3a	tal,ser		-talc-sericite veining in graphitic siltstone and black fault gouge		79104	29.57	30.79	1.22	30			
30.79	31.71	3b	cly,sil		-black porphyry with clay alteration and minor quartz veins		79103	30.79	31.71	.92	5			
31.71	33.23	3a,3b	gra		-30% black porphyry, 70% graphitic siltstone gouge		79102	31.71	33.23	1.52	30			
33.23	34.15	3a	gra		-black graphitic siltstone gouge		79092	33.23	34.15	.92	20			
34.15	35.06	3a	ser		-siltstone with minor black porphyry and gouge, minor sericite veining		79093	34.15	35.06	.91	20			
35.06	35.98	3a,3b	tal,ser		-upper half is graphitic gouge with talc-sericite veining, lower half is competent black porphyry		79094	35.06	35.98	.92	10			
35.98	43.60				BRECCIATED CATACLASTIC INTRUSIVE = FEEDER SYSTEM ? Strongly brecciated intrusive unit containing subangular quartz									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					fragments up to 2cm and other fragments of probable intrusive origin up to 2-3mm square. Yellowish-brown oxidized colour. Clay and sericite alteration throughout and rusty fractures with manganese stain. The mafics are chloritized and there were no visible sulphides.									
35.98	37.50	4b	sil		-quartz blebs, minor rusty cockscomb quartz veining at 5-10 to c.a.		79095	35.98	37.50	1.52	10			
37.50	39.02	4b	sil		-minor noncockscomb quartz veining at 5-15 to c.a. with best quartz over last 30cm		79096	37.50	39.02	1.52	20			
39.02	40.55	4b	sil		-well developed cockscomb quartz veining over first 60cm then tapers off, veins are 3-8mm wide at 5-10 to c.a. with a 1cm wide vein at 39.33m		79097	39.02	40.55	1.53	10			
40.55	42.07	4b	sil		-vein intensity drops off and becomes more "bull" than cockscomb, core more broken from 41.46-42.07m		79098	40.55	42.07	1.52	50			
42.07	43.60	4b	sil		-partial quartz vein structure for first 30cm then rusty gouge and chips for next 60cm then competent rock to end of interval, vein intensity has dropped off considerably		79099	42.07	43.60	1.53	40			
43.60	57.61				GRANODIORITE Weakly cataclastically altered but looks fairly fresh with a mottled green-white colour. Weak pervasive sericite alteration with chlorite +/- epidote in matrix. Contains 10-15 chloritized hornblende. There are no visible sulphides.									
43.60	45.12	1b	man,chl		-manganese stain on fractures for first 30cm then rusty stringers at 5-10 to c.a.		79100	43.60	45.12	1.52	20			
45.12	46.34	1b	man		-quite rusty with manganese staining over first 90cm then less altered -46.63-49.38m 10% 3x1cm pinkish feldspar crystals with minor shallow angle rusty fractures at 5 to c.a.		79101	45.12	46.34	1.18	20			
					-49.68-53.80m Fault / Shear Oxidized Zone Same unit as that above only weathered a rusty yellow-brown colour. Silicified at upper contact at 30 to c.a. for about 15cm. Clay altered throughout. -50.60m broken core -51.82-52.12m gouge on fractures and lots of clay									
					-53.80-57.61m Granodiorite As described in section 43.59-57.61m -55.17m oxidized -55.47-56.39m oxidized, minor gouge, very minor quartz stringers -57.45-57.61m oxidized									
	57.61				E.O.H.									

Hole No.	CC 89-18	Northing	6904753 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	Target BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED							Completed	Comments
Location	YUKON TERRITORY	Elevation	1035.98	Length	67.36							Drill Co.	KLUANE DRILLING
NTS	115 I 3&6	Latitude	62 15 27 E	Dip-Collar	-45							Logged By	W.RAVEN
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	070							Units	METRES

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	16.46				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone. Most of the section is strongly faulted with lots of gouge, rubble, and broken rock chips. Minor competent sections of rock and only minor sections of black porphyry. -2.74-3.20m porphyry -4.57-6.10m 45% recovery -9.14-10.36m fairly competent rock -14.33-16.46m very strong gouge									
16.46	18.59				BLACK FELDSPAR-QUARTZ PORPHYRY									
18.59	24.84				BLACK SILTSTONE (GRAPHITIC) As described at 2.74-16.46m -18.29-19.81m 25% recovery -20.12-24.69m virtually all fault gouge with good graphite									
24.84	34.75				GREY PORPHYRY / FAULT ZONE Fine grained grey-black matrix with < 5% porphyritic quartz and feldspar. Silicified with limonite on fractures. Most of the unit is strongly faulted and looks like grey gouge. -28.35-32.31m fault gouge zone -32.31-33.22m siltstone -33.22-34.75m semi competent porphyry									
34.75	55.79				BLACK SILTSTONE AND INTERCALATED BLACK PORPHYRY As previously described in section 2.74-16.46m -36.27-36.88m porphyry -37.49-37.80m porphyry -40.84-42.52m broken chips and rubble -42.52-42.67m gouge									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-42.67-45.42m porphyry -46.33-46.94m porphyry -47.24m good graphite -48.46-49.07m lots of broken rock chips									
53.00	54.50	3a,3b	man		-50-50 siltstone/black porphyry, minor limonite and manganese stain on fractures, minor gouge		79061	53.00	54.50	1.50	60			
54.50	55.79	3a,3b			-gouge-like siltstone, last 70cm before contact is strong gouge with semi rounded cataclastic intrusive fragments in black gouge making unit look like a conglomerate		79062	54.50	55.79	1.29	60			
55.79	61.00				CATACLASTIC INTRUSIVE Semi brecciated especially at contacts. Moderate to strong sericite alteration giving rock a grey white colour. Has 2-5% fine grained disseminated pyrite with rust on fractures. Minor patchy gouge zones.									
55.79	57.00	1			-gouge and rubble on contact, rust on fractures	10	79063	55.79	57.00	1.21	30			
57.00	58.50	1			-20cm gouge at top, pyrite concentrated in dark chlorite stringers	8	79064	57.00	58.50	1.50	20			
58.50	60.00	1			-limonite on fractures at 10-40 to c.a.	8	79065	58.50	60.00	1.50	20			
60.00	61.00	1			-siltstone gouge from 60.65-60.88m then gouge to 61.00m	5	79066	60.00	61.00	1.00	70			
61.00	67.36				RUSTY YELLOW CATACLASTIC INTRUSIVE Basically the same as the section 55.17-61.00m but is all faulted and fractured with gouge and numerous rock chips. Rusty yellow colour.									
61.00	62.50	1			-oxidized yellow-brown colour, minor gouge -63.09-63.86m strong gouge and rock chips -64.01-64.62m rock chips and rubble -65.23-65.53m rock chips and rubble -66.45-66.75m gouge	tr	79067	61.00	62.50	1.50	20			
	67.36				E.O.H.									

Hole No.	CC 89-19	Northing	6904753 N	Core Size	HQ	Depth Dip Azimuth	Depth Dip Azimuth	Started		Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386262 E	Casing	PULLED			Completed		Comments	
Location	YUKON TERRITORY	Elevation	1035.98	Length	62.79			Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-60			Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	070			Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.13				OVERBURDEN									
2.13	56.20				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with intermixed black porphyry. Abundant talc-sericite veining with rust on fractures. -2.13-2.59m porphyry. -2.59-16.15m gouge and rubble then core becomes much more competent -4.57m minor porphyry -8.84-10.68m porphyry -11.89-13.11m strong gouge									
17.00	18.50	3a	tal,ser		-talc-sericite veins 1-8mm wide at 15-25 to c.a. veins very soft		79068	17.00	18.50	1.50	20			
18.50	20.00	3a	tal,ser		-as above but veins only 1-3mm wide at 15-30 to c.a.		79069	18.50	20.00	1.50	10			
20.00	21.50	3a	tal,ser		-as above		79070	20.00	21.50	1.50	30			
21.50	23.00	3a	tal,ser		-as above		79071	21.50	23.00	1.50	40			
25.00	26.50	3a	tal,ser		-rust on fractures, copper oxides at 26.00m with trace chalcopyrite	tr	79072	25.00	26.50	1.50	50			
26.50	28.50	3a	tal,ser		-moderate shallow angle talc-sericite veining	tr	79073	26.50	28.50	2.00	5			
29.50	31.00	3a	tal,ser		-talc-sericite veining at 20 to c.a. rust on fractures		79074	29.50	31.00	1.50	10			
31.00	32.50	3a	tal,ser		-as above		79075	31.00	32.50	1.50	10			
32.50	33.65	3a	tal,ser		-as above		79076	32.50	33.65	1.15	30			
36.05	38.10	3a	car,sil		-minor carbonate +/- quartz veining at 20 to c.a. rust on fractures		79077	36.05	38.10	2.05	50			
41.80	43.20	3a	ser.car		-sericite-carbonate veining, graphitic gouge, quartz at end		79078	41.80	43.20	1.50	90			
43.20	44.70	3a	sil,car		-quartz-carbonate tension gash infillings		79079	43.20	44.70	1.50	10			
46.04	47.56	3a			-graphitic gouge and rubble		79080	46.04	47.56	1.52	90			
47.56	49.60	3a	sil,car		-minor gouge, quartz-carbonate veining at 5 to c.a.		79081	47.56	49.60	2.04	50			
51.70	53.70	3a			-black porphyry at start, 65% recovery from 52.13-53.66m in gouge		79082	51.70	53.70	2.00	60			
53.70	56.20	3a,3b	gra		-competent porphyry and graphitic siltstone gouge with a pebble-like texture		79083	53.70	56.20	2.50	40			
56.20	60.40				CATACLASTIC INTRUSIVE Rock is extremely sheared up and basically looks like a conglomerate/ breccia with subrounded to subangular fragments of quartz. Pervasive rusty fractures throughout and looks partially bound together by clay matrix. Minor fragments and partial vein structures of siltstone within unit. Upper contact with siltstone at 50 to c.a.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
56.20	57.70	1	sil		-coarse pink feldspar crystals at 56.39-57.00m, a 5x15cm quartz bleb at start of interval		79084	56.20	57.70	1.50	20			
57.70	59.10	1	cly		-as general description		79085	57.70	59.10	1.40	20			
59.10	60.40	1	cly		-as general description, gouge for last 20cm	tr	79086	59.10	60.40	1.30	20			
60.40	62.48				YELLOW BROWN VOLCANIC DYKE Yellow brown dyke									
62.48	62.79				CATACLASTIC INTRUSIVE									
	62.79				E.O.H.									

Hole No.	CC 89-20	Northing	6904718 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JAN 17,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386292 E	Casing	PULLED							Completed	JAN 18,1989	Comments	
Location	YUKON TERRITORY	Elevation	1020.12	Length	42.67							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-45							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	12.19				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with intermixed black porphyry. Minor reddish rust on fractures. -3.96-4.27m strong gouge -4.27-5.79m strong gouge, 50% recovery -5.79-8.84m yellow-brown sandy gouge, only 15% recovery -8.84-10.36m lots of rubble and gouge with minor red (hematite?) stain at 9.76m, 80-85% recovery -10.36-12.19m lots of broken rock chips with some gouge, 35% recovery									
12.19	17.68				FAULT ZONE The first 60cm is composed of relatively competent but highly sheared intrusive rock. The rest of the section is made up almost entirely of fault gouge and angular rock chips with minor sections of semi competent rock which is also highly fractured intrusive. Contact with siltstone below is at 20-25 to c.a. -12.19-12.80m semi competent rock -12.80-13.72m yellow gouge, 50% recovery -13.72-14.78m red gouge -14.78-15.24m yellow gouge -15.24-16.76m yellow gouge -16.76-17.68m semi competent rock									
17.68	23.93				BLACK GRAPHITIC SILTSTONE As previously described in section 2.74-12.19m									
18.59	20.73	3a	sil,ser		-small whitish-yellow quartz-sericite veins, no sulphides -19.51-19.66m strong gouge zone -19.66m 8cm strong gouge -21.34m 8cm strong gouge -21.34-22.86m 20% recovery -22.86-23.47m very broken core		79001	18.59	20.73	2.14		.004		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-23.47-23.93m gouge, graphite on slickenside surfaces									
23.93	25.91				GREY PORPHYRY Has 40% quartz crystals in a dirty grey matrix and minor quartz stringer veinlets.									
24.99	25.91	1,2	sil		-as above		79002	24.99	25.91	.92		.009		
25.91	26.52				BLACK FAULT GOUGE									
25.91	26.52	3a			-as above		79003	25.91	26.52	.61	70			
26.52	28.35				BRECCIA ZONE The zone is comprised of two different lithologies: black siltstone from 26.52-27.52m and cataclastic intrusive from 27.52-28.35m. It is characterized by stockwork cockscomb quartz veins which average 3-4mm wide with a range of 1-10mm wide. There is good open space filling or growth in the veins many of which appear to be vuggy. They contain angular fragments of the host rock, especially the siltstone. The veins cut the core axis at various angles, the most common being 40-50, and then 70-80, with some anasymptosing sections. Contact between siltstone and cataclastic intrusive at 70 to c.a.									
26.52	28.35	4a	sil		-as described above, small specks of VG at 26.52m and 26.82m, 5cm of gouge at 27.89m, veining intensity drops off over last half of interval, the intrusive looks strongly milled up with silica and sericite alteration	VG	89-1	26.52	28.35	1.83		.071		
28.35	32.61				CATACLASTIC INTRUSIVE / FEEDER SYSTEM Pale white to greenish-white colour with < 5% chloritized mafics. Rusty stringer veining or fracture filling with manganese stain on fractures. Sericite alteration throughout and a couple quartz veins.									
28.35	29.26	4b	sil,ser		-as above, minor gouge at 28.65m, a 4mm wide quartz vein at 28.96m		79006	28.35	29.26	.91	10			
29.26	30.18	4b	sil,ser		-as general description		79007	29.26	30.18	.92	nd			
30.18	31.70	4b	sil,ser		-at 31.55-31.70m broken core, minor gouge		79008	30.18	31.70	1.52		.002		
31.70	32.61	4b	sil,ser		-at 32.31m 5mm wide cockscomb quartz vein at 20 to c.a.		79009	31.70	32.61	.91		.002		
32.61	42.67				TRANSITIONAL CATACLASTIC INTRUSIVE Semi fractured and sericite altered throughout. Has a white green colour with 5-10% chloritized mafics.									
					-37.80-38.71m fractured core									
	42.67				E.O.H.									

Hole No.	CC 89-21	Northing	6904718 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JAN 18.1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386292 E	Casing	PULLED							Completed	JAN 20.1989	Comments	
Location	YUKON TERRITORY	Elevation	1020.12	Length	68.88							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	VERTICAL							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.44				OVERBURDEN									
2.44	15.24				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with intermixed black porphyry. Virtually all gouge and broken rock in this section -3.66-5.18m 20% recovery -5.18-6.71m 40% recovery -8.23-9.75m 60% recovery -3.66m minor porphyry -6.71m minor porphyry									
15.24	20.12				BLACK PORPHYRY Contains 10-50% porphyritic feldspar crystals and a few quartz eyes in a fine grained black matrix. Some of the feldspars appear to be partially replaced by quartz. Minor rust on fractures.									
20.12	25.30				BLACK GRAPHITIC SILTSTONE As previously described. -21.64-21.95m strong gouge, broken rock -21.95-22.25m yellow gouge -23.16-23.32m strong gouge -23.47m a 1cm wide barren quartz vein at 30 to c.a.									
25.30	28.35				GREY PORPHYRY Contains about 30-40% porphyritic quartz and feldspar crystals in a greenish grey-brown matrix. Semi gneissic layering at upper contact at 40 to c.a. Minor rusty fractures. -26.21m 15cm of broken rock and gouge -26.82m 20cm of broken rock and gouge									
28.35	31.09				BLACK SILTSTONE As previously described.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-28.50-29.26m broken and fractured with some gouge -30.48m a 1cm wide barren quartz vein at 10 to c.a.									
31.09	42.37				CATACLASTIC INTRUSIVE / PORPHYRY Quite a varied looking unit but most commonly has 20-40% porphyritic quartz and feldspar crystals. Alternates between fine and coarse grained. Weakly oxidized in upper portions. -31.09-32.31m fine grained -32.31-32.92m coarse porphyry -32.92-33.22m fine grained -33.22-34.14m coarse porphyry -32.31m 10cm of gouge -34.14-35.66m fine grained -35.66-37.80m coarse porphyry -37.95-38.25m gouge -37.80-40.23m fine grained									
39.63	40.55	1,2			-intermixed fine and coarse grained porphyry		79087	39.63	40.55	.92	10			
40.55	41.46	1,2			-coarse porphyry		79088	40.55	41.46	.91	20			
41.46	42.38	1,2			-as above		79089	41.46	42.38	.92	30			
42.38	43.28				FAULT GOUGE									
		3a					79010	42.38	43.28	.92		.145		
43.28	45.11				BRECCIA ZONE The zone is comprised of two different lithologies: black siltstone from 43.28-45.11m and cataclastic intrusive from 45.11-49.99m. It is characterized by stockwork cockscomb quartz veins which average 3-4mm wide with a range of 1-10mm wide. There is good open space filling or growth in the veins many of which appear to be vuggy. They contain angular fragments of the host rock, especially the siltstone. The veins cut the core axis at various angles, the most common being 40-50 to c.a.									
43.28	44.20	4a	sil		-as described above, at 44.04m there is a 1.5cm wide quartz vein at 10 to c.a. that contains 8 distinct clots of VG easily seen without a hand lens, the largest clot is 1x1cm and is speckled with gold	VG	79011	43.28	44.20	.92		3.250		1.47
44.20	45.11	4a	sil		-this interval contains a lot of coarse gold and is just flooded with shallow angle quartz veining at 5 to c.a., the vein is 2-3cm wide with siltstone fragments and clotty areas of gold at 10cm intervals, a 10cm section of gouge lies at the bottom of the interval	VG	79012	44.20	45.11	.91		2.678		1.28
45.11	49.99				CATACLASTIC INTRUSIVE / FEEDER SYSTEM This unit consists of 40-90% quartz and is quite fractured with lots of broken core and rubble. The quartz veining like that seen in the siltstone has dropped off considerably.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
45.11	46.02	4b	sil		-as above		79013	45.11	46.02	.91		.043		
46.02	46.94	4b	sil		-as above		79014	46.02	46.94	.92		.025		
46.94	47.85	4b	sil		-as above		79015	46.94	47.85	.91		.005		
47.85	48.77	4b	sil		-as above, upper half of interval is strong gouge, lower half is semi competent quartz		79016	47.85	48.77	.92		.003		
48.77	49.99	4b	sil		-basically all rusty quartz chips		79017	48.77	49.99	1.22		.002		
49.99	53.64				CATACLASTIC INTRUSIVE / ANDESITE Brecciated with angular fragments of a fine grained green to brown volcanic? rock. Overall unit has a pale greenish colour and is a fine grained volcanic or intrusive rock-origin uncertain. The entire unit is laced with shallow angle quartz veins at 10 to c.a. with widths of 1-15mm. The veins are milky white and non cockade and contain some breccia fragments.									
53.64	57.00				FAULT ZONE Virtually all gouge and rubble that has been oxidized a yellow-brown colour. Competent rock is cataclastic quartz porphyry.									
57.00	57.61				FAULT ZONE / BLACK SILTSTONE Black gouge and rubble with chips of black siltstone.									
57.61	62.64				TRANSITIONAL CATACLASTIC INTRUSIVE Fine grained matrix with 10-20% porphyritic quartz eyes decreasing in abundance downhole. Alteration includes chloritized mafics and sericite in the matrix, the intensity increasing with depth. -62.18-62.48m oxidized fault gouge									
62.64	68.88				SERICITE-CHLORITE ALTERED INTRUSIVE More mafic than above section with up to 20% chlorite altered mafics. Contains a few porphyritic quartz eyes. Weak layering at 30 to c.a. -67.06-68.58m strong sericite alteration -68.58-68.88m volcanic rock?									
68.88					E.O.H.									

Hole No.	CC 89-22	Northing	6904718 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JAN 20,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386292 E	Casing	LEFT							Completed	JAN 25,1989	Comments	
Location	YUKON TERRITORY	Elevation	1020.12	Length	44.81							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-70							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.35				OVERBURDEN									
3.35	16.92				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with intermixed black porphyry. The siltstone sections are virtually all fault gouge broken chips and rubble. The black porphyry is much more competent. -3.35-3.66m porphyry -3.66-5.18m 50% recovery -6.71-7.16m porphyry -9.14-10.97m yellow gouge, 20% recovery -12.19-13.11m porphyry -13.56-14.48m porphyry -13.56m a 7mm wide barren quartz vein at 40 to c.a. -15.54-16.15m yellow gouge									
16.92	19.96				CATACLASTIC INTRUSIVE Highly fractured with gouge sections and has a yellow-brown stain throughout section. Contains about 10% quartz eyes. Upper contact at 20 to c.a., lower contact is contorted but averages 40 to c.a. -17.07-17.98m gouge and broken core -18.59m 10cm of gouge									
19.96	23.32				BLACK GRAPHITIC SILTSTONE As previously described. -19.96-20.42m gouge and rubble -21.03-23.32m gouge and rubble, 80% recovery									
23.32	31.55				GREY-BLACK QUARTZ-FELDSPAR PORPHYRY Massive homogeneous looking rock containing 30-50% porphyritic quartz and feldspar with quartz > feldspar. Upper and lower contacts are faulted. Contains coarse porphyroclasts and fractures are rusty.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
31.55	32.46				BLACK FAULT GOUGE									
31.55	32.46	3a			-as above		79018	31.55	32.46	.91		.003		
32.46	35.81				BRECCIA ZONE The zone is comprised of two different lithologies: black siltstone from 32.46-33.83m and cataclastic intrusive from 33.83-35.97m. It is characterized by stockwork cockscomb quartz veins which average 3-4mm wide with a range of 1-20mm wide. There is good open space filling or growth in the veins many of which appear to be vuggy, particularly in the cataclastic intrusive. The veining is asymptosing with a general trend in the larger veins at 5-15 to c.a., the most common being 40-50 to c.a.									
32.46	33.22	4a	sil		-as described above, easily visible VG, quartz veins to 2cm wide	VG	79019	32.46	33.22	.76		.478		.25
33.22	33.99	4a	sil		-as above	VG	79020	33.22	33.99	.77		1.187		.54
33.99	34.90	4b	sil		-cataclastic intrusive, as general description		79021	33.99	34.90	.91		.004		
34.90	35.81	4b	sil		-cataclastic intrusive, as general description		79022	34.90	35.81	.91		.005		
35.81	36.73				CATACLASTIC INTRUSIVE / FEEDER SYSTEM / QUARTZ VEIN Mostly broken pieces of quartz and strongly altered intrusive. Lots of manganese and limonite stain on fracture surfaces.									
35.81	36.73	4b	sil		-as above		79023	35.81	36.73	.92		.009		
36.73	40.23				CATACLASTIC INTRUSIVE Greenish-white colour with moderate sericite alteration. The mafics are chloritized. Minor quartz veining and splashes of quartz.									
36.73	37.64	1	sil		-as above		79024	36.73	37.64	.91		.002		
37.64	39.62	1	ser		-as above		79025	37.64	39.62	1.98		.002		
40.23	41.76				YELLOW-BROWN VOLCANIC DYKE Either a small dyke or sill. -40.23-40.54m quartz veining for first 30cm of interval -40.54-40.84m fault gouge -41.67-41.76m fault gouge									
41.76	44.81				CATACLASTIC INTRUSIVE As described in section 36.73-40.23m. Minor disseminated pyrite and pyrrhotite.									
	44.81				E.O.H.									

Hole No.	CC 89-23	Northing	6904752 N	Core Size	HQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JAN 27.1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386292 E	Casing	LEFT							Completed	JAN 28.1989	Comments	
Location	YUKON TERRITORY	Elevation	1015.24	Length	49.07							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-45							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.74				OVERBURDEN									
2.74	14.78				BLACK GRAPHITIC SILTSTONE WITH INTERCALATED BLACK PORPHYRY Dark black, fine grained, locally graphitic siltstone with intermixed black porphyry. A fair bit of gouge throughout but generally more competent than that seen in holes 20-22. The porphyry is more competent than the siltstone. -3.05-3.35m gouge -3.05-4.57m 50% recovery -4.88-5.03m gouge -5.49-5.79m gouge, 50% recovery -6.10-9.14m gouge, 15% recovery -9.75-11.28m gouge, 65% recovery -11.28m 10cm of gouge -11.80m 8cm of porphyry -12.80m talc?-sericite veining, veins 5mm wide -13.41-13.56m gouge and broken core									
14.63	15.70				BLACK FELDSPAR PORPHYRY									
15.70	17.37				BLACK SILTSTONE -16.00m talc-sericite veinlets -16.15-16.61m talc-sericite veinlets -16.92m talc-sericite veinlets									
17.37	20.42				BLACK FELDSPAR PORPHYRY Generally fine grained porphyroclasts except from 17.68-19.05m									
20.42	22.40				BLACK SILTSTONE As previously described -21.34-21.79m moderate gouge									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
22.40	23.77				BLACK FELDSPAR PORPHYRY									
23.77	27.13				BLACK GRAPHITIC SILTSTONE As previously described -24.23m gouge -25.30-25.60m gouge -26.06m gouge									
27.13	30.18				BLACK QUARTZ-FELDSPAR PORPHYRY As previously described. Minor rusty fractures throughout									
30.18	31.09				BLACK GRAPHITIC SILTSTONE									
31.09	32.77				BLACK QUARTZ-FELDSPAR PORPHYRY									
32.77	33.83				BLACK GRAPHITIC SILTSTONE Virtually all gouge with good graphite content.									
33.83	35.66				BLACK QUARTZ-FELDSPAR PORPHYRY As previously described, minor intercalated siltstone. -34.59-34.75m gouge -34.90-35.05m gouge and broken rock									
34.75	35.66	3b	sil	65	-34.90-35.36m minor cockscomb quartz stringer veins at 56-80 to c.a. veins are 1-4mm wide and don't contain any breccia fragments		79026	34.75	35.66	.91		.003		
35.66	36.27				BRECCIA ZONE The zone is composed of 20cm of porphyry with non cockscomb quartz veining followed by 45cm of siltstone with the typical cockscomb stockwork quartz veining. Angular breccia fragments of siltstone are found in the quartz veins.									
35.66	36.27	4a	sil		-as above, two small specks of VG were seen	VG	79027	35.66	36.27	.61		.105		
36.27	37.19				BLACK SILTSTONE AND MINOR PORPHYRY Mainly all strong fault gouge with graphite. This may have faulted off some of the zone as it seperates the breccia zone from the underlying Cataclastic intrusive.									
36.27	37.19	3a	gra		-as above		79028	36.27	37.19	.92		.002		
37.19	40.23				CATACLASTIC INTRUSIVE / FEEDER SYSTEM WITH "BULL" QUARTZ SECTIONS Highly altered silicified intrusive rock with some cockscomb quartz veining and some sections (up tp 10cm) of bull quartz.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
37.19	38.10	4b	sil		-as above, 15cm of broken core at end of interval		79029	37.19	38.10	.91		.003		
38.10	39.01	4b	sil		-as above, two barren looking cockscomb quartz veins 3 and 1.5cm wide		79030	38.10	39.01	.91		.005		
39.01	40.23	4b	sil		-as above, gouge and broken core with 50% recovery over first half of interval with 15cm of bull quartz at fault contact		79031	39.01	40.23	1.22		.003		
40.23	47.24				CATACLASTIC INTRUSIVE Semi brecciated looking then gradually becoming less altered with depth. Gradually starts to look like a fairly homogeneous quartz diorite. Contains 10-20% porphyritic quartz eyes and mafics are chloritized. Chloritic stringer veins at 60-80 to c.a. -40.23-42.98m strongly oxidized with yellow-brown stain throughout									
47.24	49.07				YELLOW BROWN VOLCANIC DYKE Has a mottled yellow-brown colour. Unit ends in fault gouge.									
	49.07				E.O.H.									

Hole No.	CC 88-24	Northing	6904752 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	MAY 27, 1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386292 E	Casing	PULLED							Completed	MAY 28,1989	Comments	
Location	YUKON TERRITORY	Elevation	1015.00	Length	69.70							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-80							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y121249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.50				OVERBURDEN									
3.50	6.00				BLACK SILTSTONE Fine grained dark black colour. Core is mostly broken chips and rubble with minor rusty stain. Unit ends in a gouge zone. -from 4.27-4.88m is 20% recovery of rounded rock chips									
6.00	6.40				GOUGE ZONE Reddish colour oxidized gouge zone, rock was originally black porphyry									
6.40	10.20				BLACK PORPHYRY Fine grained black matrix with 30-40% porphyritic quartz eyes. Looks like many were originally feldspar crystals that are partially or wholly replaced by quartz. Rusty fractures at 5-30 to c.a. -8.00-8.23m is gouge zone -8.23-9.76m is 30% recovery -8.50-9.76m is siltstone chips and rubble indicative of a fault zone									
10.20	12.80				FAULT ZONE Rock looks like a grey siltstone that has been strongly fractured with rust on fracture planes. Minor gouge within unit and from 10.20-10.67m is all gouge and chips. Looks siliceous but is easily scratched with a knife though is harder than black siltstone.									
12.80	15.30				BLACK SILTSTONE WITH MINOR BLACK PORPHYRY Black siltstone as previously described with black porphyry from 14.00-14.60m. Minor shallow angle talc-sericite veining that is somewhat rusty.									
15.30	18.13				BLACK PORPHYRY Black matrix with 30-50% porphyritic quartz blebs. Upper contact is sharp at 30 to c.a.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
16.00	18.13	3b	sil		-minor vuggy quartz veining at 10 to c.a. the veins range from 2-10mm wide with no sulphides visible		79105	16.00	18.13	2.13	30			
18.13	22.15				BLACK SILTSTONE As previously described. Most of the section is gouge and rubble with soft talc-sericite veining and very minor quartz.									
18.13	20.00	3a	tal,ser		-mostly rubble and chips with minor talc-sericite veining		79106	18.13	20.00	1.87	20			
20.00	22.15	3a	sil		-strong veining on fractured chips in anasymptosing pattern		79107	20.00	22.15	2.15	30			
22.15	24.75				BLACK PORPHYRY As previously described, some very coarse quartz clasts. Upper contact sharp at 40 to c.a. Some very minor vuggy quartz veining. Lower contact not defined.									
24.75	31.10				BLACK SILTSTONE WITH INTERCALATED BLACK PORPHYRY Mostly black siltstone with minor lenses of black porphyry. Some fractures that are occasionally vuggy. -27.03-29.10m is coarse to fine grained black porphyry -minor quartz veining at 29.80m -29.95-30.30m is gouge and rubble then mostly broken core to 31.10m									
31.10	33.20				BLACK PORPHYRY Fine grained speckled black and white matrix with some coarser grained quartz blebs and minor quartz veining especially at end of section.									
32.20	33.20	3b	sil		-minor quartz veining and quartz blebs		79108	32.20	33.20	1.00	40			
33.20	37.05				BLACK SILTSTONE As previously described. A fair bit of gouge and rubble with minor competent sections of core and one black porphyry lens from 35.21-35.95m -strong gouge to 34.15m, 70% recovery									
35.21	35.95	3b	sil		-black porphyry, a 1cm wide quartz vein at 25 to c.a. at 35.65m		79109	35.21	35.95	.74	30			
35.95	37.05	3a	gra		-50-50 competent siltstone and graphitic gouge		79110	35.95	37.05	1.10	20			
37.05	56.30				CATACLASTIC INTRUSIVE Variable colour though usually a dirty greyish-white to greenish. Matrix is fine grained with sericite +/- clay alteration and coarser quartz crystals comprising 25-40% of rock. Feldspars are finer grained than quartz and look weakly to moderatly altered. Rock has the overall appearance of being quite deformed ie. sheared. Upper contact at 80 to c.a. Weakly oxidized with minor rusty fractures.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
37.05	38.00	1	ep		-trace pyrite, or burnish from drill?, oxidized, epidote in matrix	tr	79111	37.05	38.00	.95	20			
38.00	39.00	1			-rusty fractures -40.25-40.50m is black gouge, probably back cave from reaming back down hole after rods were pulled		79112	38.00	39.00	1.00	30			
41.00	42.00	1	sil		-minor cockscomb quartz veining -minor vuggy spots from 43.79-44.60m -gouge from 44.60-44.85m -43.49-48.55m oxidized a rusty yellow-brown colour		79113	41.00	42.00	1.00	10			
46.50	47.50	1	sil		-2 cockscomb quartz veins at 40 to c.a. 1cm and 4mm wide		79114	46.50	47.50	1.00	10			
47.50	48.50	1			-rusty throughout		79115	47.50	48.50	1.00	40			
48.50	49.50	1	sil		-good cockscomb veining at 30-40 to c.a. veins 2-10mm wide		79116	48.50	49.50	1.00	10			
49.50	51.00	1	sil		-minor cockscomb veining in middle of interval, rusty fractured core from 50.40-50.85m, veins are 2-4mm wide		79117	49.50	51.00	1.50	nd			
51.00	52.50	1	sil		-rusty stringer veins with moderate cockscomb veining 2-8mm wide at 10-20 to c.a.		79118	51.00	52.50	1.50	20			
52.50	54.00	1	sil		-minor veining, weak rusty fractures		79119	52.50	54.00	1.50	140			
54.00	56.30	CAT			-minor rust to 54.75m then strongly oxidized to bottom of interval		79120	54.00	56.30	2.30	10			
56.30	57.20				YELLOW-BROWN VOLCANIC DYKE Has a strong yellow-brown colour. Unit is quite fractured with hematite on fractures and a moderate amount of gouge. Minor quartz-carbonate stringers 1-3mm wide at 40 to c.a.									
56.30	57.20	2	sil,hem		-as general description		79121	56.30	57.20	.92	160			
57.20	63.55				CATACLASTIC INTRUSIVE Granodioritic in composition. Overall has a greenish-white colour with 30% quartz eyes. Pervasive green colour in matrix is chlorite and chloritized mafics (hornblende). Rusty over upper metre. Minor epidote stringers and epidote in matrix.									
62.55	63.55	1			-first 15cm relatively unaltered then strongly oxidized to end of interval with minor quartz at end		79122	62.55	63.55	1.00	100			
63.55	64.95				FEEDER SYSTEM / ANDESITE PORPHYRY DYKE Basically a light green coloured volcanic rock with small, 2-3mm, but nonetheless porphyritic hornblende crystals. Rock is soft, easily scratched with knife. The upper contact is at 5 to c.a. while lower contact is at 10 to c.a. The unit is flooded with classic cockscomb quartz veining especially over the upper 60cm. There are angular breccia fragments of the volcanic porphyry in the quartz veins and many vuggy holes. Anasymptosing network of stringer veins 1-10mm wide. Vein intensity drops considerably after the 63.40m mark.									
63.55	64.95	4b	sil		-as general description, no visible mineralization.		79123	63.55	64.95	1.40	60			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
64.95	69.70				CATACLASTIC INTRUSIVE As described in the interval 37.05-56.30m									
64.95	66.00	1			-oxidized for upper 70cm -minor quartz veins from 66.15-66.50m		79124	64.95	66.00	1.05	10			
	69.70				E.O.H.									

Hole No.	CC 88-25	Northing	6904734 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	MAY 29,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386333 E	Casing	PULLED							Completed	JUNE 1,1989	Comments	
Location	YUKON TERRITORY	Elevation	1000.00	Length	75.30							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-60							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	4.00				OVERBURDEN									
4.00	11.00				SYENITE A fine grained highly altered intrusive rock that is virtually devoid of quartz. Hematite stained throughout with green (chlorite-epidote?) alteration also present. Entire unit is quite fractured especially to the 9.00m mark then becomes more competent. Many hairline fractures with hematite and manganese stain. -minor chips of siltstone for 10cm at 4.00m -4.27-6.00m is rubble and minor gouge, 70% recovery -6.30-6.70m gouge zone -6.70-8.00m is fairly competent rock -8.00-8.70m gouge zone -7.40-11.00m pervasive strong yellow-brown oxidation stain -10.30-11.00m gouge, rubble, minor solid core									
11.00	21.30				HORNBLENDE PORPHYRY SYENITE Coarse porphyritic crystals of hornblende often weathered a deep brown with even larger augite? crystals up to 1cmx1cm. The augite? crystals are semi square to sub rounded and have been strongly altered as they appear to be criss-crossed by micro veinlets of epidote or are sausseritized. The hornblende is chloritized and comprises about 20% of the rock. The matrix is all a creamy white feldspar with 1-2% quartz present. Occasional rounded red garnets were noted, <1% in content. Augite? = 5-10%. Almost the entire unit is oxidized with a yellow-brown colour and only minor sections of fresh rock are present. -gouge from 11.90-11.95m -gouge stringers and intensly fractured to 12.60m with 80% recovery -gouge and rubble at 13.60-14.00m -fresh and unoxidized from 14.43-15.05m -5cm gouge at 15.65m -gouge and rubble at 16.70-17.37m -gouge and rubble at 17.80-18.25m -relatively unoxidized from 18.91-19.80m									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					-gouge zone from 20.22-21.30m									
21.30	27.34				BLACK SILTSTONE / FAULT GOUGE Black siltstone, locally graphitic but basically one large fault zone that is all gouge, clay-like rock and small (<1cm) rock chips. Recovery is not bad overall with some poor sections. Lost water pressure from 21.95-25.00m, pressure built up in gouge zone and was lifting rods out of hole. Had to case down to 25.00m to get back thru.									
					-50% recovery from 23.48-25.00m									
25.00	26.50	3a			-80% recovery from 25.00-25.91m		79240	25.00	26.50	1.50	10			
26.50	28.00	3a			-40% recovery from 25.91-27.44m		79241	26.50	28.00	1.50	5			
27.34	33.00				BLACK SILTSTONE WITH INTERCALATED BLACK PORPHYRY Fine grained black siltstone that is fractured with numerous gouge zones. Small sections of coarse black porphyry to fine grained speckled porphyry.									
					-talc-sericite veining at 27.44-27.58m									
					-gouge at 27.76-27.90m									
28.00	28.80	3b	sil		-black porphyry that is quite vuggy		79125	28.00	28.80	.80	nd			
28.00	30.00	3a			-gouge at 28.80-29.27m, 30% recovery		79242	28.80	30.00	1.20	20			
					-gouge at 29.60-29.85m									
30.00	31.50	3a,3b			-gouge and rubble at 30.40-32.62m, 40% recovery, mostly black porphyry		79243	30.00	31.50	1.50	10			
31.50	33.00	3a,3b			-gouge and rubble		79244	31.50	33.00	1.50	20			
33.00	37.10				CATACLASTIC INTRUSIVE Mottled green-white-black colour. Unit is quite altered, clay in matrix and looks sheared throughout. Contains 10-20% quartz eyes and some larger angular fragments of quartz up to 1cm x 1cm. Rusty gouge fractures present. Matrix has sericite, clay, and epidote and because of fragments it looks like a conglomerate locally. Occasional minor fragments of siltstone. Upper contact at about 20 to c.a. Lower contact at 70 to c.a. and is strongly brecciated with lower siltstone.									
33.00	34.30	1			-as general description	1	79245	33.00	34.30	1.30	10			
34.30	36.00	1	sil		-siliceous with tr-3% disseminated pyrite	tr-3	79126	34.30	36.00	1.70	nd			
36.00	37.10	1			-as general description	1	79246	36.00	37.10	1.10	5			
37.10	40.24				BLACK SILTSTONE / FAULT ZONE Intermixed siltstone and black porphyry that is very strongly sheared and is mostly gouge with minor more solid sections of core.									
37.10	38.40	3a			-angular fragments of intrusive (above unit) mixed in with siltstone and quartz fragments		79127	37.10	38.40	1.30	nd			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
38.40	40.24	3a			-40% recovery from 37.41-40.24m		79247	38.40	40.24	1.84	5			
40.24	41.76				FAULT ZONE - YELLOW GOUGE All yellow clay-gouge, no solid core									
40.24	41.76	2?			-as general description		79248	40.24	41.76	1.52	5			
41.76	43.29				GREEN VOLCANIC DYKE Light green colour, very fine grained volcanic rock. Generally quite fractured with minor gouge. A few vesicles and rusty staining.									
41.76	43.29	2			-as general description		79249	41.76	43.29	1.53	5			
43.29	58.53				CATACLASTIC INTRUSIVE Sheared, altered Yukon Group intrusive. Contains 10-30% porphyritic quartz blebs up to 1cmx1cm. Sericite-clay-feldspar-epidote-chlorite in matrix. Gouge sections in upper portion which is oxidized a yellow brown colour.									
					-oxidized yellow-brown colour from 43.29-49.70m -crumbly with gouge to 44.81m									
43.29	45.00	1,2			-oxidized green volcanic from 44.81-45.00m lower contact at 30 to c.a.		79250	43.29	45.00	1.71	5			
45.00	46.75	1			-below 49.70m is relatively unoxidized and has a greenish colour down to 54.00m		79128	45.00	46.75	1.75	10			
55.20	56.50	1			-minor vuggy spots		79129	55.20	56.50	1.30	130			
56.50	57.50	1			-as above		79130	56.50	57.50	1.00	20			
57.50	58.53	1,2			-as above, last 25cm is oxidized volcanic rock		79131	57.50	58.53	1.03	20			
58.53	62.20				FEEDER SYSTEM / QUARTZ VEIN The unit is basically pure quartz that has a faint yellowish-brown tinge. It contains angular breccia fragments of yellow-brown intrusive and volcanic material. There are pits and vugs with good quartz crystal growth and some cockscomb quartz veining but basically its a big quartz vein. There are no visible sulphides. Manganese stain on all fractures. Upper contact is not defined but believed to be at 40 to c.a. Lower contact sharp at 20 to c.a.									
58.53	59.50	4b	sil		-as general description		79132	58.53	59.50	.97	80			
59.50	60.50	4b	sil		-as above but with 15cm of cataclastic intrusive		79133	59.50	60.50	1.00	40			
60.50	61.50	4b	sil		-as general description		79134	60.50	61.50	1.00	nd			
61.50	62.20	4b	sil		-as general description		79135	61.50	62.20	.70	nd			
62.20	65.90				INTERMIXED CATACLASTIC INTRUSIVE / YELLOW VOLCANIC / QUARTZ VEINS Altered cataclastic intrusive and oxidized volcanic rock that is cut by quartz stringer veins and some larger veins. The section is mostly oxidized volcanic rock.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
62.20	63.00	1,2,4b	sil		-oxidized cataclastic intrusive with quartz stringers at 5-10 to c.a.		79136	62.20	63.00	.80	nd			
63.00	64.63	1,2,4b	sil		-yellow-brown volcanic, 50% recovery, rubble at 63.65m and 10cm of gouge at end of interval		79137	63.00	64.63	1.63	nd			
64.63	65.90	1,2,4b	sil		-good strong quartz veining throughout interval, ends in broken quartz and volcanic rock chips		79138	64.63	65.90	1.27	nd			
65.90	70.58				OLIVE BROWN VOLCANIC Has an olive brown colour and contains <5% porphyritic spheroids of quartz? and a finer but still porphyritic hornblende. One small section of cataclastic intrusive. Upper contact faulted, lower contact at 50 to c.a.									
65.90	67.00	2			-softer, semi gouge to 66.73m then competent rock -cataclastic intrusive from 67.00-68.20m upper contact at 40 to c.a. lower contact at 10 to c.a. -from 68.20-69.50m there are 3 quartz veins 5mm wide at 15 to c.a.		79139	65.90	67.00	1.10	10			
70.58	75.30				CATACLASTIC INTRUSIVE As previously described in interval 43.29-58.53m -vuggy quartz veining from 72.60-72.70m -gouge, rubble, and broken rock from 74.01-74.30m -oxidized from 73.25-75.30m									
	75.30				E.O.H.									

Hole No.	CC 88-26	Northing	6904694 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 1,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386305 E	Casing	PULLED							Completed	JUNE 2,1989	Comments	
Location	YUKON TERRITORY	Elevation	1010.00	Length	47.10							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-70							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	4.27				CASING-OVERBURDEN									
4.27	23.32				CATACLASTIC INTRUSIVE / QUARTZ PORPHYRY Oxidized yellow-brown colour that is strongly pervasive. Even a split sample does not reveal much about the matrix except that it looks clayish. Lower down in unit matrix is altered feldspar and quartz with porphyritic quartz eyes and only minor amounts of unknown mafic minerals. Rusty fractures with manganese found throughout. Unit is broken and fractured throughout. -from 4.27-5.79m is loose rubble that may be in part overburden. First footage block is at 5.79m -all broken core to 13.95m with two small competent sections of 1.0m 30cm respectively. Otherwise just chips of core up to 8cm long. -from 13.95m-33.23m the core becomes a lot more competent and the oxidation intensity decreases gradually till just rusty stingers remain at the bottom of the unit. Porphyritic feldspars begin to appear. Rock is fairly soft, moderately hard to scratch with knife.									
13.95	15.50	1,2	silcarb		-minor quartz +/- carbonate stringer veins at 5-15 to c.a. 2-5mm wide		79140	13.95	15.50	1.55		nd		
15.50	17.00	1,2	sil,ser		-minor quartz- sericite stringer veins at 5-15 c.a. 2-5mm wide -broken core and rubble from 17.00-18.75m, 70% recovery -broken core at 20.00-20.27m		79141	15.50	17.00	1.50		nd		
20.27	21.65	1,2	sil,ser		-quartz-carbonate-sericite stringer veining at 5 to c.a. the last 18cm looks like speckled black porphyry and has about 30-35% massive disseminated pyrite	5	79142	20.27	21.65	1.38		nd		
21.65	23.32	1,2			-minor pyrite, rubble zones at 21.65-21.80m and 22.90-23.32m	1	79143	21.65	23.32	1.67		nd		
23.32	33.80				BLACK PORPHYRY WITH INTERMIXED BLACK SILTSTONE Mostly black porphyry that is fine grained and speckled looking to 25.00m then has the typical coarse (up to 8mm) quartz eyes. Minor sections of more intrusive looking material (fine grained) at top. Minor quartz stringers and tension gash infillings.									
23.32	24.50	3b	sil		-minor rusty quartz stringers at 40 to c.a. 1-3mm wide	tr	79144	23.32	24.50	1.18		10		
24.50	25.75	3b	sil		-felsic section for 20cm, all fine grained speckled black porphyry	1-2	79145	24.50	25.75	1.25		10		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
25.75	26.90	3a,3b			-50-50 coarse black porphyry and black siltstone	tr	79146	25.75	26.90	1.15	nd			
26.90	28.05	3b	sil		-minor quartz veins, non-cockscomb 2-5mm wide at 10 to c.a.	tr	79147	26.90	28.05	1.15	nd			
28.05	29.00	3b	sil		-four pseudocockscomb veins at 30 to c.a., 1x1cm,2x5mm,1x2mm	tr	79148	28.05	29.00	.95	10			
29.00	30.00	4a	sil		-50-50 porphyry and siltstone at end. One area near end with minor quartz veining that has small breccia fragments of siltstone in the vein and a couple of very small specks of visible gold??	VG?	79149	29.00	30.00	1.00	30			
30.00	31.00	4a	sil		-siltstone at start and end of interval, black porphyry in middle, and minor 2-5mm wide cockscomb quartz veins in middle. Veins at 40 to c.a		79150	30.00	31.00	1.00	50			
31.00	32.00	4a	sil		-good veining with siltstone fragments in quartz from 31.45-31.75m, veins 1-10mm wide at 80,40,and 15 to c.a. ends in gouge zone		79151	31.00	32.00	1.00	90			
32.00	32.62	4a	sil		-fault gouge and rubble to 32.62m		79152	32.00	32.62	.62	10			
32.62	33.80	4a	sil		-after gouge there is discontinuous quartz veining and tension gash infillings down to contact, gouge at contact		79153	32.62	33.80	1.18	nd			
33.80	41.75				CATACLASTIC INTRUSIVE Oxidized yellow-brown colour throughout most of unit with porphyritic quartz eyes. Occasional minor angular fragments of siltstone. Some quartz veins from feeder system below. Matrix has feldspar-clay-sericite-epidote-chlorite. Some small quartz stringers, obviously sheared and deformed.										
33.80	35.00	1	sil		-minor quartz blebs and siltstone fragments	tr	79154	33.80	35.00	1.20	10			
35.00	36.50	1	sil		-an 8cm wide quartz vein at 40 to c.a. at 35.57m	tr	79155	35.00	36.50	1.50	nd			
36.50	38.00	1	sil		-one 4cm wide vein at 30 to c.a. and a 1cm wide vein at 5-10 to c.a.	tr	79156	36.50	38.00	1.50	20			
38.00	39.50	1	sil		-good strong veining over 20cm in centre of interval, 2cm wide veins at 25-30 to c.a.		79157	38.00	39.50	1.50	10			
39.50	40.50	1	sil		-strong anasymptosing vein system throughout with breccia fragments of intrusive in quartz veins, last 26cm is basically pure quartz		79158	39.50	40.50	1.00	10			
40.50	41.75	1	sil		-as above, with 20cm of pure quartz in center of interval		79159	40.50	41.75	1.25	20			
41.75	43.75				FEEDER SYSTEM / QUARTZ VEIN Basically pure quartz with a yellow-brown oxidation stain in milky white quartz. Vuggy and has rusty fractures with manganese stain. Some good open space growth with well formed quartz crystals. Minor bits of intermixed cataclasite										
41.75	42.75	4b	man		-as general description		79160	41.75	42.75	1.00	60			
42.75	43.75	4b	man		-as general description, broken rock chips at end of interval		79161	42.75	43.75	1.00	20			
43.75	47.10				CATACLASTIC INTRUSIVE Greenish white colour, still has porphyritic quartz eyes. Grading into less altered intrusive, quite felsic, 5-8% mafics. Oxidized near top.										
43.75	45.45	1	cly		-oxidized throughout, decreasing with depth, fractured with clay near top -from 45.45-47.10m has only rusty fractures and 1-2% disseminated	1	79162	43.75	45.45	1.70	20			

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					pyrite									
	47.10				E.O.H.									

Hole No.	CC 88-27	Northing	6904694 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 2,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386305 E	Casing	PULLED							Completed	JUNE 3,1989	Comments	
Location	YUKON TERRITORY	Elevation	1010.00	Length	46.38							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-55							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	4.23				CASING - OVERBURDEN									
4.23	23.46				CATACLASTIC INTRUSIVE / QUARTZ PORPHYRY Oxidized yellow-brown colour that is strongly pervasive. As oxidation fades with depth rock is fresher looking with a matrix of feldspar-clay-quartz with porphyritic quartz eyes. Rusty fractures with manganese found throughout and unit is strongly broken and fractured. Has 10-20% porphyritic quartz eyes. -from 4.23-5.18m is loose rubble that may be apart of drill pad material or back cave, first footage block at 5.18m. -loose chips, rubble and gouge to 8.20m, then more competent with approximately 40% recovery to 8.20m. -minor gouge at 11.30m -20% recovery from 11.50-12.50m -35% recovery from 12.50-14.20m in gouge and rubble. -competent core from 14.20-18.90m with some minor quartz stringer veins 1-3mm wide at 15 to c.a. The oxidation is fading with depth leaving a speckled looking intrusive. -90% recovery from 18.90-20.88m with two rubble zones at 18.90-20.05m and 20.75-20.88m. The 40cm of loose rubble after 20.88 is back cave material. -from 20.88-22.33m, porphyry is silicified and has a dark grey-green colour.									
22.33	23.46	3a,3b			-from 22.33-23.46m is back into oxidized porphyry with minor broken core. Pyrite at contact.	tr	79163	22.33	23.46	1.13		nd		
23.46	30.79				BLACK SILTSTONE / BLACK PORPHYRY / BRECCIA ZONE A dense looking dark black siltstone with talc-sericite veining to 26.32m. Then black porphyry with the stockwork quartz veining typical of the breccia zone. The siltstone looks mylonitized with small networks of pseudo kink banded hairline quartz veins. The black porphyry is the typical unit with fine and coarse grained quartz eyes. Many look like they are replacing feldspar cystals as they have a square or rectangular crystal form. Minor cockscomb veining in upper parts of porphyry, intensity increasing with depth to the intrusive									

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					contact below. Veins are 1-10mm wide at 10-60 to c.a. Upper contact sharp at 40 to c.a. lower contact sharp at 60 to c.a.									
23.46	24.70	3a	tal,ser		-dense looking siltstone, talc-sericite veining, looks like polished graphite.	tr	79164	23.46	24.70	1.24	20		0.1	
24.70	26.32	3a	sil		-broken core throughout, still looks and feels quite dense with hairline width quartz stringers and 75% recovery. Looks like polished graphite in places.	tr	79165	24.70	26.32	1.62	40		0.2	
26.32	27.74	3a,4a	sil		-start of black porphyry, only 75% recovery as actual length of core sampled is 1.05m, minor veins at top with one good vein 1cm wide at 30 to c.a.	tr	79166	26.32	27.74	1.42	60		0.1	
27.74	28.75	4a	sil		-minor non cockscomb veining 1-3mm wide at 15-30 to c.a. with a 10cm long piece of siltstone that has most of the quartz veining.		79167	27.74	28.75	1.01	170		nd	
28.75	29.75	4a	sil		-26cm of gouge and broken core at top, then good strong veining throughout interval. Veins at 40-60 to c.a. and are 1-5mm wide. Some are partially offset by low angle veins or tension gashes.		79168	28.75	29.75	1.00	80		0.1	
29.75	30.79	4a	sil		-as above, veining not quite as strong.		79169	29.75	30.79	1.04	70		0.4	
30.79	34.40				CATACLASTIC INTRUSIVE / FEEDER? A quartz porphyry intrusive (20% quartz eyes) that is oxidized through -out.(Clay)-sericite-epidote-feldspar in matrix with cockscomb quartz veining throughout. Some patchy areas of coarse grained chloritized hornblende crystals. Manganese on fractures.									
30.79	32.00	1,4b	sil		-good veining near upper contact with more broken core lower down in interval.		79170	30.79	32.00	1.21	40		0.1	
32.00	33.00	1,4b	sil		-two good veins 1cm wide at 30 to c.a.		79171	32.00	33.00	1.00	10		0.4	
33.00	34.40	1,4b	sil		-two veins, 1cm wide at 20 to c.a. near top, then a siliceous section near bottom contact.		79172	33.00	34.40	1.40	30		0.2	
34.40	35.26				FEEDER SYSTEM / QUARTZ VEIN Pure milky white quartz with faint yellow-brown oxidation stain. Quite vuggy with strong manganese stain on fractures.									
34.40	35.26	4b	sil		-as above.		79173	34.40	35.26	.86	40		0.6	
35.26	46.38				TRANSITIONAL CATACLASTIC INTRUSIVE Quite felsic with a pale greenish white colour and yellow-brown rusty stain. The matrix is an intergrown network of quartz-feldspar-epidote-sericite and clay. Some porphrytic quartz eyes. Rusty fractures with manganese stain are present. Contains trace-2% fine grained disseminated pyrite with some pyrite veining.									
35.26	36.50	1	sil		-good quartz veining near top and one vein near bottom at start of the 25cm of rusty staining.	1	79174	35.26	36.50	1.24	30			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
36.50	38.00	1	sil		-85% recovery, 1x4cm wide quartz vein at 60 to c.a.	1	79175	36.50	38.00	1.50	10			
38.00	39.50	1	sil		-vuggy, rusty veining 1-2mm wide at 20-30 to c.a.	1	79176	38.00	39.50	1.50	10			
39.00	41.00	1			-rusty for upper half then 3-4% disseminated pyrite in pale green coloured rock.	3	79177	39.50	41.00	1.50	10			
41.00	42.50	1	sil,man		-moderately abundant criss-crossing manganese veins and a few quartz veins with 3-8% pyrite in the veins and on walls.	4	79178	41.00	42.50	1.50	nd			
42.50	44.00	1	sil,man		-as above.	4	79179	42.50	44.00	1.50	nd			
44.00	45.30	1	sil		-30cm gouge and rubble zone, good pyrite bands, they are at about 40 to c.a. and are 1cm and 3cm wide.	6	79180	44.00	45.30	1.30	10			
45.30	46.38	1	sil		-quartz veining near end, pyrite has dropped off	1	79181	45.30	46.38	1.08	nd			
	46.38				E.O.H.									

Hole No.	CC 88-28	Northing	6904645 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 3,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386325 E	Casing	PULLED							Completed	JUNE 4,1989	Comments	
Location	YUKON TERRITORY	Elevation	1004.00	Length	44.21							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-45							Logged By	W.RAVEN		
Claim No	HOPE 1 #Y21249	Longitude	137 11 15 W	Bearing	250							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.50				CASING - OVERBURDEN									
2.50	9.00				CATACLASTIC INTRUSIVE / QUARTZ PORPHYRY Oxidized yellow-brown colour throughout unit. Quite fractured and broken throughout with rust and manganese stain. Contains 10-20% porphyritic quartz +/- feldspar crystals. Some shallow angle (5-10) sericite veining.									
					-first footage block at 2.90m. -broken core to 4.95m then competent to 6.00m.									
6.00	7.32	1,2	sil,ser		-from 6.00-7.00m is quartz-sericite vein, 4-5mm wide at 5 to c.a.	tr	79182	6.00	7.32	1.32	nd			
7.32	9.00	1,2			-30% recovery of broken and fractured rock.	tr	79183	7.32	9.00	1.68	20			
9.00	13.72				BLACK SILTSTONE GRADING TO BLACK PORPHYRY Fine grained black siltstone that is weakly speckled and gradually contains porphyritic quartz eyes til it looks like the typical black porphyry. Unit is probably mostly black porphyry. Minor rusty fractures at 5-15 to c.a.1-2mm wide.									
9.00	10.50	3a	sil		-rubble at start for 10cm, very minor quartz veining.		79184	9.00	10.50	1.50	10			
10.50	12.00	3a	hem		-starts to become speckled, fewer rusty stringers with red hematite on some fractures.		79185	10.50	12.00	1.50	30			
12.00	13.72	3b	sil		-typical black porphyry, one quartz vein at 12.70m, 3mm wide at 30 to c.a. that has about 20% pyrite and a few suspicious looking glints.		79186	12.00	13.72	1.72	30			
13.72	14.40				CATACLASTIC INTRUSIVE									
13.72	14.40	1			-a small lens of quartz porphyry intrusive that ends in gouge zone at breccia zone. Upper contact at approximately 40 to c.a.		79187	13.72	14.40	.68	80		0.3	
14.40	15.24				BRECCIA ZONE (SILTSTONE) Classic stockwork quartz veining with angular breccia fragments of siltstone in the quartz veins, quartz is an orange-brown colour. Numerous small specks of visible gold especially near top. A few specks of pyrite in quartz and 1 speck of possible arsenopyrite?									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
14.40	15.24	4a	sil		-as general description	VG	79188	14.40	15.24	.84		.135		.100
15.24	17.00				BRECCIA ZONE / FEEDER SYSTEM (CATACLASTIC INTRUSIVE) Typical cockscomb quartz veining from the feeder quartz vein that has been injected into the cataclastic intrusive. The quartz is a orange stain colour. True"feeder"quartz from 16.77 to 17.00m.										
15.24	16.00	4b	sil		-brecciated looking rock with many cockscomb quartz veins at 30 to c.a veins are 1-15mm wide.	tr	79189	15.24	16.00	.76		<.005		.015
16.00	17.00	4b	sil		-as above with pure quartz from 16.77-17.00m.	tr	79190	16.00	17.00	1.00		<.005		.04
17.00	44.21				CATACLASTIC INTRUSIVE / QUARTZ MONZONITE Sheared and altered Yukon Group intrusive rock. Contains 15-30% porphyritic quartz in a quartz-feldspar-sericite-sausseritized matrix Gradually less altered down hole. Minor rusty stringer veins and trace-2% pyrite throughout.										
17.00	18.00	1	sil		-quite altered with some cockscomb quartz veining. -broken core at 22.10-22.40m, then quartz and pyrite veining for next 20cm. -8cm gouge at 22.86m. -from 22.86-24.60m broken core with 5cm gouge at 24.50m. -big quartz bleb at 31.55m. -5% pyrite from 32.00-32.60m. -6cm quartz at 35.90m. -minor quartz veining at 39.20-39.60m.		79191	17.00	18.00	1.00	nd		0.3	
42.50	44.21	1a			-Leucocratic phase from 42.50-44.21m, the rock is almost pure white with minor chloritic stringers and contains 2% pyrite and trace chalcopyrite.		79192	42.50	44.21	1.71	10			
	44.21				E.O.H.									

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Hole No.	CC 88-29	Northing	6904910 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 6,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386204 E	Casing	PULLED							Completed	JUNE 7,1989	Comments	
Location	YUKON TERRITORY	Elevation	1060.00	Length	55.49							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-90							Logged By	W.RAVEN		
Claim No	CARA 4 #YB08039	Longitude	137 11 15 W	Bearing								Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	2.95				CASING - OVERBURDEN									
2.95	4.00				BLACK PORPHYRY Porphyritic quartz eyes up to 5mmx5mm in a fined grained dark black matrix. There is some minor intercalated black siltstone. -rubble sections at top. -first footage block at 3.65m.									
4.00	6.70				BLACK SILTSTONE									
6.70	8.45				BLACK PORPHYRY -gouge and rubble from 7.30-7.95m.									
8.45	14.32				BLACK SILTSTONE / FAULT ZONE Typical fine grained black siltstone. Minor talc-sericite veining with most of the unit consisting of black gouge and rubble. -gouge from 9.20-9.30m.									
9.40	11.00	3a	tal,ser		-upper half is competent core with minor talc-sericite stringers, lower half is all gouge and rock chips.		79193	9.40	11.00	1.60	5			
11.00	13.00	3a		gra	-50% recovery of gouge and rubble, minor solid core.		79194	11.00	13.00	2.00	10			
13.00	14.32	3a		gra	-gouge and rubble, 70% recovery.		79195	13.00	14.32	1.32	5		1.1	
14.32	21.05				CATACLASTIC INTRUSIVE Moderate to strong oxidation stain. Has 10% quartz eyes in a quartz-feldspar matrix. Rust and manganese stain on fractures. Quite felsic over upper section with mafic minerals appearing at about 20.00m.									
14.32	15.85	1			-50% recovery, gouge and rubble at top.		79196	14.32	15.85	1.53	5		.3	
15.85	17.00	1		sil	-fractured looking with some quartz blebs.		79197	15.85	17.00	1.15	5		.4	
17.00	18.50	1,4b		sil	-felsic phase of an almost pure dirty white quartz with some clear quartz.		79198	17.00	18.50	1.50	5		.3	
18.50	19.50	1,4b		sil	-as above with minor vuggy areas at top.		79199	18.50	19.50	1.00	5		.2	
19.50	21.00	1			-cataclastic as in general description, gouge zone from 20.30-20.50m and from 20.85-21.05m.		79200	19.50	21.00	1.50	5			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
21.05	32.00				GRANODIORITE (OXIDIZED) The sheared unit above seems to grade into a less altered intrusive that contains 10% chloritized mafics. Strong oxidation stain to 30.00m. Some gouge and rubble zones. Some manganese on fractures. -broken core from 23.00-23.50m. -broken core from 24.30-25.00m. -broken core from 26.52-27.00m. -sericite fractures 1-4mm wide at 5 to c.a. from 27.75-28.30m. -minor quartz stringers, tension gash? infillings, some carbonate veining from 28.30-31.00m.									
30.45	32.00	lb	sil		-minor quartz +/- carbonate veining, 1-4cm wide quartz vein at 60 to c.a. 25cm of sericite gouge.	tr	79201	30.45	32.00	1.55		10		
32.00	55.49				GRANODIORITE Basically the same as the unit above but is not oxidized. Has a green to white colour with an orange tinge. Looks like a fairly homogeneous relatively unaltered intrusive. Mafics are chloritized. Orange tinge more pronounced with depth. -40% mafics from 32.00-32.80m. -sericite-gouge stringers from 33.30-34.06m. -quartz blebs at 34.50-34.60m. -white gouge at 34.85-35.00m. -sericite-gouge vein, 7mm wide at 20 to c.a. at 35.85m. -broken core from 38.20-38.35m. -gouge zone from 38.35-38.41m. -back cave (siltstone chips) from 38.41-38.56m. -gouge and rubble 39.64-39.94m. -minor broken core at 41.46m. -4cm wide quartz vein at 60 to c.a. at 42.05m. -minor broken core at 42.85m. -2cm wide quartz vein at 20 to c.a. at 43.20m. -quartz rich from 43.30-43.60m. -yellow oxidation stain from 43.75-44.70m. -red hematite stain and band from 46.45-46.65m. -broken core, sericite from 46.80-46.95m. -red hematite speckles 46.65-49.65m. -oxidized section with 1-5mm wide quartz veins at 20-30 to c.a. from 49.65-50.91m. -red hematite speckles from 50.91-55.48m. -quartz-sercite veining at 51.65-52.00m with hematite or jasper clots. -coarse pink feldspars (1cmx2cm) at 52.80m. -minor quartz veining at 54.20m. -talc-sericite veining, 1-4mm wide at 20 to c.a. from 54.40-55.48m.									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	55.49				E.O.H.									

Hole No.	CC 88-30	Northing	6904910 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 7,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386204 E	Casing	PULLED							Completed	JUNE 8,1989	Comments	
Location	YUKON TERRITORY	Elevation	1060.00	Length	39.63m							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-50							Logged By	W.RAVEN		
Claim No	CARA 4 #YB08039	Longitude	137 11 15 W	Bearing	150							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	3.25				CASING - OVERBURDEN									
3.25	8.70				BLACK SILTSTONE Typical black siltstone. Most of the unit is small broken rock chips and gouge. Very little competent core and very very poor recoveries throughout. -mixed lithologies to 3.65m which is first footage block. -5% recovery from 3.65-4.88m. -35% recovery from 4.88-6.10m, some strong gouge. -20% recovery from 6.10-7.31m. -45% recovery from 7.31-7.93m. -30% recovery from 7.93-8.70m.									
8.70	9.15				BLACK PORPHYRY -Only 30% recovery of unit.									
9.15	11.75				BLACK SILTSTONE As previously described. Minor black porphyry chips. Minor talc-sericite veining. Lower contact is gouge. -50% recovery from 9.15-9.45m. -50% recovery from 9.45-10.06m. -10% recovery from 10.06-10.51m. -60% recevery from 10.51-10.98m, minor talc-sericite veining.									
11.75	17.00				BLACK PORPHYRY Typical coarse grained porphyritic quartz in fine grained black matrix Much more competent with better recoveries than in siltstone above. Minor rust on fractures. Lower contact at 20 to c.a.									
11.75	13.00	3b			-20cm broken core at 12.20m.		79202	11.75	13.00	1.25	5			
13.00	14.50	3b	sil		-gouge from 13.40-13.60m, minor 1-2mm quartz veins.		79203	13.00	14.50	1.50	10			
14.50	16.00	3b			-a few vuggy cracks.		79204	14.50	16.00	1.50	5			

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
16.00	17.00	3b			-minor rubble sections.		79205	16.00	17.00	1.00	10			
17.00	25.77				BLACK SILTSTONE GOUGE / FAULT ZONE Black siltstone rock chips and fault gouge. Poor recoveries throughout A small lens of intermixed cataclastic intrusive from 21.95-24.39m.									
17.00	19.51	3a	tal,ser		-5% recovery from 17.00-18.30m and from 18.30-19.51m is 35% recovery, all gouge and rock chips with talc-sericite veining.		79206	17.00	19.51	2.51	10			
19.51	21.95	3a			-5% recovery from 19.51-21.34m of rounded chips, from 21.34-21.95m is 98% recovery of gouge.		79207	19.51	21.95	2.44	5			
21.95	24.39	1			-Cataclastic Intrusive, gouge and rock chips with 30% recovery.		79208	21.95	24.39	2.44	5		.4	
24.39	25.77	3a,3b	sil		-mostly black gouge with minor vuggy black porphyry sections that have minor quartz veining.		79209	24.39	25.77	1.38	30		.8	
25.77	33.53				FEEDER SYSTEM / CATACLASTIC INTRUSIVE Porphyritic quartz eyes in a quartz-feldspar-sericite-clay matix. The rock is altered Yukon Group Intrusive probably granodiorite in composition. It is flooded with the typical cockscomb quartz veining that is characteristic of the feeder system. The veins range from 2-10 cm wide and are at 5-10 to c.a. Many little vugs and pits throughout the unit. Weak pervasive yellow-brown oxidation stain in the rock and around the quartz veins. No visible sulphides.									
25.77	27.00	1,4b	sil		-as general description.		79210	25.77	27.00	1.23	5		.1	
27.00	28.00	1,4b	sil		-strong manganese stain on fractures.		79211	27.00	28.00	1.00	100		.1	
28.00	29.00	1,4b	sil		-as general description, broken core at end.		79212	28.00	29.00	1.00	100		.1	
29.00	30.00	1,4b	sil		-as general description, minor broken core.		79213	29.00	30.00	1.00	100		.1	
30.00	31.00	1,4b	sil		-as general description.		79214	30.00	31.00	1.00	90		.3	
31.00	32.00	1,4b	sil		-as general description.		79215	31.00	32.00	1.00	120		.6	
32.00	33.53	1,4b	sil		-as general description.		79216	32.00	33.53	1.53	40		.2	
33.53	39.63				CATACLASTIC INTRUSIVE / GRANODIORITE Sheared and altered Yukon Group intrusive that gradually becomes less altered downhole. Has 10-20% porphyritic quartz eyes and blebs. Rust on fractures with weak manganese stain. Chloritic stringers at 30-60 to c.a. 1-3mm wide, some red hematite staining.									
33.50	35.00	1,1b	sil,car		-as general description, minor broken core. -minor quartz and carbonate veining to bottom of hole at 5-15 to c.a. -orange oxidation stain from 38.10-39.30m. -gouge from 39.30-39.63m.		79217	33.53	35.00	1.47	10			
	39.63				E.O.H.									

Hole No.	CC 88-31	Northing	6904935 N	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	JUNE 9,1989	Target	BRECCIA ZONE
Property	CARIBOU CREEK	Easting	386206 E	Casing	PULLED							Completed	JUNE 10,1989	Comments	
Location	YUKON TERRITORY	Elevation	1080.00	Length	92.07							Drill Co.	KLUANE DRILLING		
NTS	115 I 3&6	Latitude	62 15 27 N	Dip-Collar	-65							Logged By	W.RAVEN		
Claim No	CARA 4 #YB08039	Longitude	137 11 15 W	Bearing	220							Units	METRES		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
	5.15				OVERBURDEN									
5.15	25.60				CATACLASTIC INTRUSIVE Strongly sheared and altered intrusive rock. Contains 10% porphyritic quartz eyes in a clay-feldspar matrix. The unit is basically faulted throughtout the entire section with only minor areas of competent rock It largely consists of rock chips and clay gouge. Manganese stain on fracture surfaces. Pervasive yellow-brown oxidation stain. Some talc-sericite veining. -first footage block at 5.95m, about 4cm of black porphyry at very top of hole -competent core from 6.60-7.00m -competent core from 10.67-12.70m -hematite staining from 11.80-12.50m -competent core from 13.87-15.00m -one patchy quartz vein 3mm wide at 15.75m -intense fault gouge from 16.40-18.00m									
19.50	20.50	1			-greenish coloured copper oxide staining with a few specks of a grey sulphide -intense fault gouge from 20.50-25.00m -fairly competent core from 25.00-25.60m	tr	79218	19.50	20.50	1.00	10		.1	
25.60	26.57				YELLOW-BROWN VOLCANIC DYKE Upper and lower contacts are faulted. Has reddish stain (hematite) on feldspar crystal outlines with quartz growth in, around, and inbetween the feldspar crystals. The matrix is fine grained yellow-brown colour.									
25.60	26.57	2			-as general description		79219	25.60	26.57	1.07	10		.3	
26.57	28.45				CATACLASTIC INTRUSIVE As previously described. Minor quartz veining and quartz blebs.									
26.57	27.50	1	sil		-as general description		79220	26.57	27.50	.93	5		.3	
27.50	28.45	1	sil		-as general description, 30cm of gouge ending at 28.04m		79221	27.50	28.45	.95	5		.7	

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
28.45	29.51				BLACK SILTSTONE / PORPHYRY / FAULT GOUGE Black siltstone for first 20cm then 15cm of cataclastic intrusive with 1-3mm wide cockscomb quartz veining at 5 to c.a. Remainder of unit is grey fault gouge.									
28.45	29.51	3a,1	sil		-as general description		79222	28.45	29.51	1.06	5		1.3	
29.51	30.55				BLACK SILTSTONE / PORPHYRY / BRECCIA ZONE ? Intermixed black siltstone and black porphyry, mostly gouge or partially competent core. Vuggy throughout unit with minor rusty stringer veins. Upper contact faulted, lower contact at 30 to c.a.									
29.51	30.55	3a,3b			-as general description		79223	29.51	30.55	1.04	10		.5	
30.55	31.40				YELLOW-BROWN VOLCANIC DYKE Oxidized yellow-brown colour with fine grained mafic speckles. Carbonate veining at 20 to c.a. with carbonate tension gash infillings									
30.55	31.40	2	car		-as general description		79224	30.55	31.40	.85	5		.1	
31.40	36.90				OXIDIZED CATACLASTIC INTRUSIVE Contains 10-15% porphyritic quartz eyes, 50% porphyritic feldspar crystals, and 10% chloritized hornblende. Clay in matrix at top of unit.									
31.40	32.50	1			-vuggy patches, some fault gouge and broken core		79225	31.40	32.50	1.10	5		.2	
32.50	33.50	1	car,hem		-carbonate stringers and tension gash infillings, minor red gouge		79226	32.50	33.50	1.00	5		.2	
33.50	34.50	1			-broken core throughout		79227	33.50	34.50	1.00	5		.1	
34.50	35.50	1	sil,car		-4 quartz-carbonate veins 6-10mm wide at 30-40 to c.a.		79228	34.50	35.50	1.00	5		.1	
35.50	36.90	1	sil,ser		-quartz blebs and sericitic stringers 1-2mm wide at 5 to c.a.		79229	35.50	36.90	1.40	5		nd	
36.90	37.65				GREENISH-GREY VOLCANIC DYKE Contains 10% porphyritic green or grey feldspar crystals. Minor rusty stringers. A 1cm wide quartz vein at 25 to c.a. at upper contact. Upper contact at 20 to c.a. Lower contact at 50-60 to c.a but is poorly defined.									
36.90	37.65	2			-as general description		79230	36.90	37.65	.75	5		.4	
37.65	92.07				CATACLASTIC INTRUSIVE Mottled greenish-white colour. Contains 10% porphyritic quartz, 50-60% porphyritic feldspar (cream white to pinkish) and 20% chloritized mafics in a fine grained quartz-feldspar matrix. Some sausseritization of the feldspars and sericite in matrix and as stringer veins. Some areas of chlorite banding and leucocratic phases present. Quartz dioritic in composition, not oxidized. Has trace-1% disseminated									

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Au opst	Ag ppm	Ag opst
					pyrite and minor hematite specks.									
					-felsic section from 38.72-39.00 -oxidized from 40.43-41.20m, felsic looking -chloritic banding from 41.89-42.10m -coarse pinkish quartz blebs from 42.10-43.80m									
46.40	47.65	1	sil,ser		-felsic phase, silicified? with sericite veins 1-5mm wide at 15-50 to c.a. some hematite speckles	tr	79231	46.40	47.65	1.25	5		.2	
					-strong hematite from 48.20-49.00m -sericitic felsic phase at 50.70-53.63m with hematite speckles and quartz-sericite veining at 5 to c.a. and gashes at 70 to c.a.									
52.50	53.66	1	sil,ser		-sericite and quartz veining -rubble and rock chips from 53.66-54.00m -strong hematite at 55.23m -strong hematite at 55.70-55.80m -felsic phase at 56.77-57.25m	tr	79232	52.50	53.66	1.16	5			
57.25	58.86	1	sil		-strong hematite and chlorite with quartz blebs or sweats from 57.85-58.05m -hematite speckles pratically disappear below 60.20m -pervasive sericite veining 1-10mm wide at 20-60 to c.a. from 60.20-61.90m -broken core with sericite at 61.90-62.00m -hematite splotches from 65.87-66.60m, minor broken to 66.90m	tr	79233	57.25	58.86	1.61	5			
71.80	73.30	1	chl,ser		-increase in mafic minerals and chlorite stringer veins from 71.80-74.80m, sericite still present though not as abundant	tr	79234	71.80	73.30	1.50	10			
73.30	74.80	1	chl,ser		-mafic clots (chlorite) and quartz blebs at 74.50-74.80m -an 8mm wide quartz vein at 25 to c.a. at 77.27m -a 1cm wide quartz +/- sericite vein at 30 to c.a. at 79.43m -felsic phase from 81.20-81.90m -chloritic clots up to 1cm x 1.5cm at 82.10-82.25m -chloritic clots up to 1cm x 1.5cm at 82.60-82.70m -chloritic clots up to 1cm x 1.5cm at 82.92-83.02m -strong sericite veining from 83.02-83.60m -rusty stringers from 83.60-92.07m -variable intensity oxidized yellow-brown colour from 83.60-97.07m -minor gouge at 84.45m	tr	79235	73.30	74.80	1.50	5			
87.30	88.50	1	sil		-minor quartz blebs	tr	79236	87.30	88.50	1.20	5			
88.50	90.00	1	sil		-minor quartz blebs, rusty stringer veins	tr	79237	88.50	90.00	1.50	5			
90.00	91.10	1	sil,car		-quartz-feldspar blebs, very minor quartz-carbonate veins 1-4mm wide at 5 and 50 to c.a.	tr	79238	90.00	91.10	1.10	5			
91.10	92.07	1	sil		-strong orange-brown oxidation stain, vuggy spots, a 3mm wide cockscomb quartz vein at very end of interval = start of feeder ?	tr	79239	91.10	92.07	.97	5			
	92.07				E.O.H.									

APPENDIX II

ANALYTICAL CERTIFICATES

ar4 Legg & Company Ltd.
1 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V88-07959.4 | PROJECT: NONE GIVEN | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	
				CORE
D2 CCDD 1		5.065$	2.32	
D2 CCDD 2		0.004	0.02	
D2 CCDD 3		0.016	0.10	
D2 CCDD 4		0.002	0.08	88-01
D2 CCDD 5		<0.002	<0.02	
D2 CCDD 6		<0.002	0.02	
D2 CCDD 7		<0.002	<0.02	
D2 CCDD 8		<0.002	<0.02	
D2 CCDD 9		<0.002	<0.02	
D2 CCDD 10		0.003	<0.02	
D2 CCDD 11		<0.002	0.02	
D2 CCDD 12		<0.002	<0.02	
D2 CCDD 13		<0.002	<0.02	
D2 CCDD 14		<0.002	<0.02	
D2 CCDD 15		<0.002	<0.02	
D2 CCDD 16		<0.002	0.02	88-02
D2 CCDD 17A		<0.002	<0.02	
D2 CCDD 17B		<0.002	0.02	
D2 CCDD 18		<0.002	<0.02	
D2 CCDD 19		<0.002	<0.02	
D2 CCDD 20		<0.002	0.03	
D2 CCDD 21		<0.002	0.02	
D2 CCDD 22		<0.002	<0.02	
D2 CCDD 23		<0.002	<0.02	
D2 CCDD 24		<0.002	0.02	
D2 CCDD 25		<0.002	<0.02	88-03
D2 CCDD 26		<0.002	<0.02	
D2 CCDD 27		<0.002	<0.02	
D2 CCDD 28		<0.002	<0.02	
D2 CCDD 29		<0.002	<0.02	
D2 CCDD 30		<0.002	<0.02	

Chegg & Company Ltd.
...etherton Ave
...h Vancouver, B.C
...anada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V88-07964.4

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	
D2 CCDD 31		<0.002	0.02	CORE
D2 CCDD 32		<0.002	<0.02	
D2 CCDD 33		<0.002	0.02	
D2 CCDD 34		<0.002	0.10	
D2 CCDD 35		<0.002	0.03	
D2 CCDD 36		<0.002	0.02	
D2 CCDD 37		<0.002	<0.02	
D2 CCDD 38		<0.002	<0.02	88-04
D2 CCDD 39		<0.002	<0.02	
D2 CCDD 40		<0.002	<0.02	
D2 CCDD 41		<0.002	<0.02	
D2 CCDD 42		<0.002	<0.02	
D2 CCDD 43		<0.002	<0.02	
D2 CCDD 44		<0.002	<0.02	
D2 CCDD 45		<0.002	<0.02	
D2 CCDD 46		<0.002	<0.02	
D2 CCDD 47		<0.002	<0.02	
D2 CCDD 48		<0.002	<0.02	
D2 CCDD 49		<0.002	<0.02	
D2 CCDD 50		<0.002	<0.02	88-06
D2 CCDD 51		<0.002	<0.02	
D2 CCDD 52		<0.002	<0.02	
D2 CCDD 53		<0.002	<0.02	
D2 CCDD 54		<0.002	<0.02	
D2 CCDD 55		<0.002	<0.02	
D2 CCDD 56		<0.002	<0.02	
D2 CCDD 57		<0.002	<0.02	
D2 CCDD 58		0.006	0.02	

...Province of Manitoba

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

CORE

REPORT: VAR-87974.4 PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
D2 CCDD 59		0.005	0.13
D2 CCDD 60		<0.002	<0.02
D2 CCDD 61		<0.002	<0.02
D2 CCDD 62		<0.002	<0.02
D2 CCDD 63		<0.002	<0.02
D2 CCDD 64		<0.002	<0.02
D2 CCDD 65		<0.002	0.03
D2 CCDD 66		<0.002	0.02
D2 CCDD 67		<0.002	<0.02
D2 CCDD 68		<0.002	<0.02
D2 CCDD 69		<0.002	<0.02
D2 CCDD 70		<0.002	<0.02
D2 CCDD 71		<0.002	<0.02
D2 CCDD 72		<0.002	<0.02
D2 CCDD 73A		<0.002	<0.02
D2 CCDD 73B		<0.002	<0.02
D2 CCDD 74		<0.002	<0.02
D2 CCDD 75		<0.002	<0.02
D2 CCDD 76		<0.002	<0.02
D2 CCDD 77		<0.002	<0.02
D2 CCDD 78A		<0.002	<0.02
D2 CCDD 78B		<0.002	<0.02
D2 CCDD 79		<0.002	<0.02
D2 CCDD 80		<0.002	<0.02
D2 CCDD 81		<0.002	<0.02
D2 CCDD 82		0.002	0.02
D2 CCDD 83		<0.002	0.02
D2 CCDD 84		<0.002	<0.02
D2 CCDD 85		<0.002	<0.02
D2 CCDD 86		<0.002	<0.02
D2 CCDD 87		<0.002	<0.02
D2 CCDD 88		<0.002	<0.02
D2 CCDD 89		<0.002	<0.02
D2 CCDD 93		<0.002	0.02
D2 CCDD 94		<0.002	0.02
D2 CCDD 105		0.003	<0.02
D2 CCDD 106		<0.002	<0.02
D2 CCDD 107		<0.002	<0.02
D2 CCDD 108		<0.002	<0.02
D2 CCDD 110		<0.002	<0.02

88-05

88-09

88-10

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
D2 CCDD 114		<0.002	0.02
D2 CCDD 122		<0.002	<0.02
D2 CCDD 123		<0.002	<0.02
D2 CCDD 124		<0.002	<0.02
D2 CCDD 125		<0.002	<0.02
D2 CCDD 126		<0.002	<0.02
D2 CCDD 131		<0.002	0.03
D2 CCDD 140		<0.002	<0.02
D2 CCDD 141		<0.002	<0.02

88-10

88-11

88-12

...ge & Company Ltd.
...erson Ave.
...couver, B.C.
...V7P 2R5
...(604) 985-0681
...(604) 352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V88-00836.4 PROJECT: MONT SIREN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AT %	AT-150 G	AT+150 G	Au-150 OPT	Au+150 OPT	Au+150 MG	Au IDI OPI	
D2 90		29.17	869.6	31.38	0.160	3.46	3.722	0.275	88-09
D2 91		29.17	820.1	19.76	0.133	2.37	1.608	0.186	
D2 92		29.17	953.4	15.11	0.002	0.16	0.081	0.004	
D2 111		29.17	882.8	25.71	0.126	0.79	0.700	0.145	88-10
D2 112		29.17	857.8	17.51	0.480	22.11	13.275	0.913	
D2 113		29.17	874.9	22.60	0.019	<0.01	0.002	0.019	
D2 128		29.17	949.2	24.09	0.066	0.53	0.440	0.078	88-11
D2 129		29.17	977.0	13.23	0.153	9.99	4.530	0.284	
D2 130		29.17	925.2	32.42	0.132	2.94	3.269	0.227	
D2 139		29.17	948.9	13.13	0.022	0.10	0.046	0.023	88-12
D2 139		29.17	975.1	34.08	0.266	9.50	11.106	0.578	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-09336.4

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNI	WT G	WT-150 G	WT+150 G	Au-150 OPT	Au+150 OPT	Au+150 MG	Au TOT OPT	
D2 90	HOLE 9	29.17	869.6	31.38	0.160	3.46	3.729	0.235	5'
D2 91		29.17	820.1	19.78	0.133	2.37	1.608	0.186	5'
D2 92		29.17	953.4	15.11	0.002	0.16	0.081	0.004	3'
D2 111	HOLE 10	29.17	882.8	25.71	0.126	0.79	0.708	0.145	4'
D2 112		29.17	857.8	17.51	0.480	22.31	13.275	0.913	4'
D2 113	HOLE 11	29.17	874.9	22.60	0.019	<0.01	0.002	0.019	4'
D2 128		29.17	949.2	24.09	0.066	0.53	0.440	0.078	5'
D2 129		29.17	977.0	13.23	0.153	9.99	4.530	0.284	5'
D2 130		29.17	925.2	32.42	0.139	2.94	3.269	0.227	5'
D2 138	HOLE 12	29.17	948.9	13.13	0.022	0.10	0.046	0.023	5'
D2 139		29.17	975.1	34.08	0.266	9.50	11.106	0.578	6'

CERTIFICATE OF ASSAY

Date: November 6, 19

File: 8811-0452

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATIONS INC.
Ste. 1040 - 609 Granville S
Vancouver, B.C.
V7Y 1G5
ATTN: MR. Terry Yare

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD oz/st	SILVER
90	0.035	
91	0.181	
92	0.021	
111	0.113	
112	0.185	
113	0.007	
128	0.099	
129	0.700	
130	0.235	
138	0.042	
139	0.580	
Special Core	60.420	

* Samples were screened for metallics. Pulps and metallics were assayed separately. Final results are calculated as indicated.

L. Wong
PROVINCIAL ASS

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

CC-89-01

ASSAY ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: Feb 8 1989
REPORT#: 890053 MA
JOB#: 890053

PROJECT#: ~~G. CAVEY~~ Doron
SAMPLES ARRIVED: Feb 6 1989
REPORT COMPLETED: Feb 8 1989
ANALYSED FOR: Au

INVOICE#: 890053 NA
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK CHIPS

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. GEORGE CAVEY

ANALYSED BY:

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT #: 890053M MA

Sample Number		Weight (gm)	Au (mg)	Au (oz/st)
89-1	TOTAL	3322.91	--	0.071
89-1	+150	38.91	3.394	--
89-1	-150	3284.00	--	0.042

Minimum Detection	0.01	0.001	0.005
Maximum Detection	10000.00	1000.000	1000.000

< = Below Limit is = Insufficient Sample ns = No sample > = Over Limit

CERTIFICATE OF ASSAY

Date: February 10, 1989

File: 0103-0220

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATION
Ste. 1040 - 609 Granville St.
Vancouver, B.C.
V7Y 1G5

3235

We hereby certify that the following are the results of assays on: submitted Split Core

MARKED	GOLD oz/st (pulp)	SILVER oz/st	GOLD oz/st (metallics)	GOLD oz/st (total)	SILVER oz/st (pulp)	SILVER oz/st (metallics)	SILVER oz/st (total)	
Second Split 89-1 Total weight 1739 gm.	0.057		0.002	0.059	0.20	0.01	0.21	CC-89-01

* Total sample was pulverized and screened for metallics. Metallics were assayed separately.

L. Wong
PROVINCIAL ASSAYER

CERTIFICATE OF ASSAY

Date: February 1, 1989

File: 0103-0184

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DURON EXPLORATION
Ste. 1040-609 Granville Street
Vancouver, B.C.
V7Y 1G5

CC-89-01
CC-89-02

I hereby certify that the following are the results of assays on: Ore

MARKED	GOLD oz/st (pulp)	SILVER	GOLD oz/st (metallics)	GOLD oz/st (Total)	SILVER oz/st (pulp)	SILVER oz/st (metallics)	SILVER oz/st (total)	
— 100 mesh			74.973mg Au	gms.				
wt	1761		.837gm	1761.9				
79011	2.047		1.241 .07 gm	3.288 1853	1.02	0.45	1.47	
79012	2.476	24.010mg Au.	0.378 .612gm	2.854 1824	1.11	0.17	1.28	29.166gms
89 - 1	0.085	.950mg	0.016	0.101	0.20	0.01	0.21	CC-89-01

CC-89-02

REJECTS RETAINED ONE MONTH PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

CC-89-02

ASSAY ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: Jan 31 1989
REPORT#: 890047 MA
JOB#: 890047

PROJECT#: None Given
SAMPLES ARRIVED: Jan 27 1989
REPORT COMPLETED: Jan 31 1989
ANALYSED FOR: Au (Metallic)

INVOICE#: 890047 NA
TOTAL SAMPLES: 4
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: CORE REJECTS

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. GEORGE CAVEY

ANALYSED BY: David Chiu

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: Analyses Duplicated

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
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● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT #: 890047 MA OREQUEST CONSULTANTS LTD.

Sample Number	Weight (gm)	Au (mg)	Au (oz/st)
79011 TOTAL	248.78	--	1.280
79011 +150	7.98	7.948	--
79011 -150	240.80	--	0.360
79011A TOTAL	220.76	--	2.239
79011A +150	2.76	12.194	--
79011A -150	218.00	--	0.636
79012 TOTAL	242.76	--	1.725
79012 +150	6.68	9.518	--
79012 -150	236.08	--	0.598
79012A TOTAL	246.54	--	1.856
79012A +150	3.82	9.610	--
79012A -150	242.72	--	0.730

Minimum Detection	0.01	0.001	0.005
Maximum Detection	10000.00	1000.000	1000.000

< = Below Limit is = Insufficient Sample ns = No sample > = Over Limit

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

CC-89-02

ASSAY ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: Feb 02 1989
REPORT#: 890047 MB
JOB#: 890047

PROJECT#: ~~None Given~~ D.O.n.
SAMPLES ARRIVED: Jan 27 1989
REPORT COMPLETED: Feb 02 1989
ANALYSED FOR: Au (Metallic)

INVOICE#: 890047 NB
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: Reject

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. GEORGE CAVEY

ANALYSED BY:

SIGNED: Eddie Yee

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT #: 890047 MB OREQUEST CONSULTANTS LTD.

Sample	Number	Weight (gm)	Au (mg)	Au (oz/st)
79011	TOTAL	1043.80	--	3.871
79011	+150	27.60	88.563	--
79011	-150	1016.20	--	1.434
79012	TOTAL	1137.00	--	2.774
79012	+150	11.24	66.840	--
79012	-150	1125.70	--	1.070

CC-89-02

Minimum Detection	0.01	0.001	0.005
Maximum Detection	2000.00	1000.000	1000.000

< = Below Limit is = Insufficient Sample ns = No sample > = Over Limit

CERTIFICATE OF ASSAY

Date: February 1, 1989

File: 0103-0184

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATION
Ste. 1040-609 Granville Street
Vancouver, B.C.
V7Y 1G5

CC-89-01
CC-89-02

I hereby certify that the following are the results of assays on: Ore

MARKED	GOLD oz/st	SILVER xxxxxx	GOLD oz/st	GOLD oz/st	SILVER oz/st	SILVER oz/st	SILVER oz/st	
	(pulp)		(metallics)	(Total)	(pulp)	(metallics)	(total)	
— 100 mesh			74.913mg Au	gms.				
wt	1761		.837gm	1761.9				
79011	2.047		1.241	3.288	1.02	0.45	1.47	
			.07 gm	1853				
79012	2.476	24.010mg Au	0.378	2.854	1.11	0.17	1.28	29.166gms
			.612gm	1824				
89 - 1	0.085	.950mg	0.016	0.101	0.20	0.01	0.21	CC-89-01

CC-89-02

REJECTS RETAINED ONE MONTH PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

Attn: Mr. Ted Yardley

CERTIFICATE OF ASSAY

Date: February 10, 1989

File: 0103-0224

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATION
Ste. 1040 - 609 Granville St.
Vancouver, B.C.
V7Y 1G5

3235

We hereby certify that the following are the results of assays on: Core samples

MARKED	GOLD oz/st (pulp)	xxxxxxxx o	GOLD oz/st (metallics)	GOLD oz/st (total)	SILVER oz/st (pulp)	SILVER oz/st (metallics)	SILVER oz/st (total)	xxx
79019 Total weight 1229 gm.	0.432		0.046	0.478	0.22	0.03	0.25	CC-89-0
79020 Total weight 1279 gm.	0.986		0.201	1.187	0.45	0.09	0.54	

* Each sample was pulverized in total and metallics were screened and assayed separately.

COPY

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RENO, NEVADA, U.S.A.

ASSAY ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: Feb 22 1989
REPORT#: 890074 MA
JOB#: 890074

PROJECT#: CARIBOO CREEK
SAMPLES ARRIVED: Feb 20 1989
REPORT COMPLETED: Feb 22 1989
ANALYSED FOR: Au (metallic)

INVOICE#: 890074 NA
TOTAL SAMPLES: 3
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: CRUSHED ROCKS

SAMPLES FROM: WESLEY RAVEN
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. WESLEY RAVEN

ANALYSED BY: David Chiu

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: Entire samples were pulverized and sifted through 150 mesh sieve.

VGC VANGEOCHEM LAB LIMITED

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REPORT NO: 890074 MA OREQUEST CONSULTANTS LTD. PAGE 1 OF 1

SAMPLE #		Weight gram	Au mg	Au oz/st	
79201	(TOTAL)	2133.75	--	<0.005	CC-89-03
79201	(+150)	9.75	<0.001	--	
79201	(-150)	2124.00	--	<0.005	
79202	(TOTAL)	2736.10	--	<0.005	
79202	(+150)	16.10	0.208	--	
79202	(-150)	2720.00	--	<0.005	
79207	(TOTAL)	955.94	--	0.112	CC-89-04
79207	(+150)	8.94	0.357	--	
79207	(-150)	947.00	--	0.102	

Note the numbers should read

79021
79022
79027

NOT

79201
79202
79207

Signed:

CERTIFICATE OF ASSAY

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

Date: February 21, 1989
File: 0103-0240

TO: DORON EXPLORATION
Ste. 1040 - 609 Granville St.
Vancouver, B.C.
V7Y 1G5

We hereby certify that the following are the results of assays on: submitted ore samples

MARKED		GOLD oz/st	SILVER	GOLD oz/st	GOLD oz/st	xxxxxx	xxxxxxxx	xxxxxxxxx	xxxxxxxxxxx
SAMPLE #	Total Weight of Sample (pulverized and screen for metallics (gms.)	Pulp		Metallics	Pulp + Metallics				
79001	1451.1	0.003		0.001	0.004	CC-89-01			
79002	1328.4	0.009		L 0.001	0.009				
79008	1401.4	0.002		L 0.001	0.002				
79009	1370.9	0.002		L 0.001	0.002				
79010	1293.2	0.097		0.048	0.145	CC-89-02			
79013	1336.1	0.038		0.005	0.043				
79014	1184.1	0.020		0.005	0.025				
79015	1338.9	0.005		L 0.001	0.005				
79016	1264.8	0.003		L 0.001	0.003				
79017	1318.9	0.002		L 0.001	0.002				
79018	1203.3	0.003		L 0.001	0.003	CC-89-03			
79021	877.8	0.004		L 0.001	0.004				
79022	1235.9	0.005		L 0.001	0.005				
79023	950.6	0.009		L 0.001	0.009				
79024	765.7	0.002		L 0.001	0.002				
79025	1112.7	0.002		L 0.001	0.002				
79026	1067.4	0.003		L 0.001	0.003	CC-89-04			
79027	1123.9	0.094		0.005	0.099				
79028	783.0	0.002		L 0.001	0.002				
79029	1052.6	0.003		L 0.001	0.003				
79030	1079.5	0.005		L 0.001	0.005				
79031	1031.4	0.003		L 0.001	0.003				

L. Wong
PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

CERTIFICATE OF ASSAY

Date: February 1, 1989
File. 0103-0184

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATION
Ste. 1040-609 Granville Street
Vancouver, B.C.
V7Y 1G5

I hereby certify that the following are the results of assays on: Ore

MARKED	GOLD oz/st (pulp)	SILVER xxxxx	GOLD oz/st (metallics)	GOLD oz/st (Total)	SILVER oz/st (pulp)	SILVER oz/st (metallics)	SILVER oz/st (total)	
79011	2.047		1.241	3.288	1.02	0.45	1.47	} CC-89-02
79012	2.476		0.378	2.854	1.11	0.17	1.28	
89 - 1	0.085		0.016	0.101	0.20	0.01	0.21	} CC-89-01

FROM SGS MR. Ted Yardley 98:32 NO.1 PAGE 1

CERTIFICATE OF ASSAY

Date: February 10, 1989
File: 0103-0224

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DORON EXPLORATION
Ste. 1040 - 609 Granville St.
Vancouver, B.C.
V7Y 1G5

CC-89-03 3235

We hereby certify that the following are the results of assays on: Core samples

MARKED	GOLD oz/st (pulp)	xxxxxxx o	GOLD oz/st (metallics)	GOLD oz/st (total)	SILVER oz/st (pulp)	SILVER oz/st (metallics)	SILVER oz/st (total)	xxx
79019 Total weight 1229 gm.	0.432		0.046	0.478	0.22	0.03	0.25	
79020 Total weight 1279 gm.	0.986		0.201	1.187	0.45	0.09	0.54	

* Each sample was pulverized in total and metallics were screened and assayed separately.

COPY

CERTIFICATE OF ASSAY

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

Date: February 21, 1989
File: 0103-0185

TO: DORON EXPLORATION
Ste. 1040 - 609 Granville Street
Vancouver, B.C.
V7Y 1G5

We hereby certify that the following are the results of assays on: ore samples

MARKED	xxGOLDxxxx	xxSILVERxx	Graphite Carbon C (%)	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxxxx
1			1.55					
2			5.81					
3			3.70					
4			7.82					
5			1.20					

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L. Wong
PROVINCIAL ASSAYER

VGC VANGEOCHEM LAB LIMITED

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RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: JUNE 9 1989
REPORT#: 890239 GA
JOB#: 890239

PROJECT#: CARIBOO CREEK YUKON
SAMPLES ARRIVED: June 06 1989
REPORT COMPLETED: JUNE 9 1989
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 890239 NA
TOTAL SAMPLES: 76
SAMPLE TYPE: ROCK
REJECTS: SAVED

CC-88- 7, 8, 12, 17, 18, 19

SAMPLES FROM: OREQUEST CONSULTANTS LTD. CC-89-20, 21
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: BERNIE DEWONCK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1K5
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• FAX (604) 254-5717

BRANCH OFFICES
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890239 GA | JOB NUMBER: 890239 | OREQUEST CONSULTANTS LTD. |

SAMPLE #	Au ppb	
79003	70	CC-89-20
79006	10	
79007	nd	
79032	40	
79033	80	
79034	40	
79035	40	
79036	70	
79037	40	
79038	50	
79039	nd	CC-88-7
79040	5	
79041	30	
79042	40	
79043	20	
79044	70	
79045	40	
79046	50	
79047	40	
79048	40	
79049	10	
79050	40	
79051	40	
79052	20	
79053	10	CC-88-8
79054	50	
79055	30	
79056	10	
79057	10	
79058	50	
79059	50	
79060	50	
79061	60	
79062	60	
79063	30	
79064	20	CC-88-18
79065	20	
79066	70	
79067	20	

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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SAMPLE #	Au ppb
79068	20
79069	10
79070	30
79071	40
79072	50
79073	5
79074	10
79075	10
79076	30
79077	50
79078	90
79079	10
79080	90
79081	50
79082	60
79083	40
79084	20
79085	20
79086	20
79087	10
79088	20
79089	30
79090	40
79091	30
79092	20
79093	20
79094	10
79095	10
79096	20
79097	10
79098	50
79099	40
79100	20
79101	20
79102	30
79103	5
79104	30

CC-88-19

CC-89-21

CC-88-12

CC-88-17

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: JUNE 9 1989
REPORT#: 890245 GA
JOB#: 890245

PROJECT#: CC
SAMPLES ARRIVED: JUNE 7 1989
REPORT COMPLETED: JUNE 9 1989
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 890245 NA
TOTAL SAMPLES: 20
SAMPLE TYPE: CORE
REJECTS: SAVED

CC-89-14

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: BERNIE DEWONCK

PREPARED FOR: OREQUEST CONSULTANTS LTD.

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 890245 GA JOB NUMBER: 890245 OREQUEST CONSULTANTS LTD.

SAMPLE #	Au ppb
79105	30
79106	20
79107	30
79108	40
79109	30
79110	20
79111	20
79112	30
79113	10
79114	10
79115	40
79116	10
79117	nd
79118	20
79119	140
79120	10
79121	160
79122	100
79123	60
79124	10

CC-89-24

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: JUNE 14 1989
REPORT#: 890252 GA
JOB#: 890252

PROJECT#: CARIBOO CREEK
SAMPLES ARRIVED: JUNE 12 1989
REPORT COMPLETED: JUNE 14 1989
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 890252 NA
TOTAL SAMPLES: 51
SAMPLE TYPE: CORE
REJECTS: SAVED

CC-89-25,26,27,28

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: BERNIE DEWONCK

PREPARED FOR: OREQUEST CONSULTANTS LTD.

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

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● FAX (604) 254-5717

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 890252 GA JOB NUMBER: 890252 OREQUEST CONSULTANTS LTD.

SAMPLE #	Au ppb	
79125	nd	
79126	nd	
79127	nd	
79128	10	
79129	130	
79130	20	
79131	20	
79132	80	CC-89-25
79133	40	
79134	nd	
79135	nd	
79136	nd	
79137	nd	
79138	nd	
79139	10	
79140	nd	
79141	nd	
79142	nd	
79143	nd	
79144	10	
79145	10	
79146	nd	
79147	nd	
79148	10	
79149	30	
79150	50	CC-89-26
79151	90	
79152	10	
79153	nd	
79154	10	
79155	nd	
79156	20	
79157	10	
79158	10	
79159	20	
79160	60	
79161	20	
79162	20	
79163	nd	CC-89-27

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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● FAX (604) 254-5717

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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890252 GA JOB NUMBER: 890252 OREQUEST CONSULTANTS LTD.

SAMPLE #	Au ppb
79174	30
79175	10
79176	10
79177	10
79178	nd
79179	nd
79180	10
79181	nd
79182	nd
79183	20
79184	10
79185	30

CC-89-27

CC-89-28

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: June 14 1989
REPORT#: 890253 GA
JOB#: 890253

PROJECT#: CARIBOO CREEK
SAMPLES ARRIVED: June 12 1989
REPORT COMPLETED: June 14 1989
ANALYSED FOR: Ag Au (FA/AAS)

INVOICE#: 890253 NA
TOTAL SAMPLES: 13
SAMPLE TYPE: CORE
REJECTS: SAVED

CC-89-27,28

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: Bernie Dewonck

PREPARED FOR: OREQUEST CONSULTANTS LTD.

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890253 GA JOB NUMBER: 890253 OREQUEST CONSULTANTS LTD.

SAMPLE #	Ag ppm	Au ppb	
79164	.1	20	
79165	.2	40	
79166	.1	60	
79167	nd	170	
79168	.1	80	CC-89-27
79169	.4	70	
79170	.1	40	
79171	.4	10	
79172	.2	30	
79173	.6	40	
79186	.1	30	CC-89-28
79187	.3	80	
79191	.3	nd	

DETECTION LIMIT 0.1 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

ASSAY ANALYTICAL REPORT

CLIENT: **OREQUEST CONSULTANTS LTD.**
ADDRESS: 404 - 595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: June 14 1989
REPORT#: 890254 MA
JOB#: 890254

PROJECT#: CARIBOO CREEK
SAMPLES ARRIVED: June 12 1989
REPORT COMPLETED: June 14 1989
ANALYSED FOR: Ag Au (Metallic)

INVOICE#: 890254 NA
TOTAL SAMPLES: 12
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 12 DRILL CORE

CC-89-28

SAMPLES FROM: WES RAVEN
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. BERNIE DEWONCK

ANALYSED BY: Raymond Chan

SIGNED: Raymond Chan
Registered Provincial Assayer

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 306-595 Howe St.
: Vancouver, B.C.
: V6C 2T5

DATE: JUNE 20 1989
REPORT#: 890262 GA
JOB#: 890262

PROJECT#: CARIBOO CREEK YUKON
SAMPLES ARRIVED: JUNE 15 1989
REPORT COMPLETED: JUNE 20 1989
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 890262 NA
TOTAL SAMPLES: 31
SAMPLE TYPE: 31 CORE
REJECTS: SAVED

CC-89-25, 28, 29, 30, 31

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: BERNIE DEWONCK

PREPARED FOR: OREQUEST CONSULTANTS LTD.

ANALYSED BY: VGC Staff

SIGNED: Raymond Chan

GENERAL REMARK: None

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890262 GA | JOB NUMBER: 890262 | OREQUEST CONSULTANTS LTD. |

SAMPLE #	Au ppb	
79192	10	CC-89-28
79193	5	
79194	10	CC-89-29
79200	5	
79201	10	
79202	5	
79203	10	
79204	5	
79205	10	CC-89-30
79206	10	
79207	5	
79217	10	
79232	5	
79233	5	
79234	10	
79235	5	CC-89-31
79236	5	
79237	5	
79238	5	
79239	5	
79240	10	
79241	5	
79242	20	
79243	10	
79244	20	CC-89-25
79245	10	
79246	5	
79247	5	
79248	5	
79249	5	
79250	5	

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 890263 GA JOB NUMBER: 890263 OREQUEST CONSULTANTS LTD.

SAMPLE #	Ag ppm	Au ppb	
79195	1.1	5	
79196	.3	5	
79197	.4	5	CC-89-29
79198	.3	5	
79199	.2	5	
79208	.4	5	
79209	.8	30	
79210	.1	5	
79211	.1	100	
79212	.1	100	CC-89-30
79213	.1	100	
79214	.3	90	
79215	.6	120	
79216	.2	40	
79218	.1	10	
79219	.3	10	
79220	.3	5	
79221	.7	5	
79222	1.3	5	
79223	.5	10	CC-89-31
79224	.1	5	
79225	.2	5	
79226	.2	5	
79227	.1	5	
79228	.1	5	
79229	nd	5	
79230	.4	5	
79231	.2	5	

DETECTION LIMIT 0.1 5
nd = none detected -- = not analysed is = insufficient sample

LATE CRETACEOUS TO PALEOCENE

4 graphitic siltstone with intercalated volcanic porphyry

CRETACEOUS TO PALEOCENE

Mount Nansen Suite

3 andesite to latite flows and breccias

EARLY JURASSIC

Mount Freegold Metaplutonic Suite

2 orthoclase-hornblende porphyritic syenite

1 chloritic quartz monzonite

SITE #14
CC-89-31

SITE #13
CC-89-29
CC-89-30

strike of breccia zone (section line)

strike: 340°

SITE #7
CC-88-17
CC-88-18
CC-88-19

SITE #9
CC-89-23
CC-89-24

SITE #10
CC-89-25

SITE #8
CC-89-20
CC-89-21
CC-89-22

SITE #6
CC-88-15
CC-88-16

SITE #11
CC-89-26
CC-89-27

SITE #2
CC-88-5
CC-88-6

SITE #4
CC-88-9
CC-88-10
CC-88-11
CC-88-12

SITE #5
CC-88-13
CC-88-14

SITE #12
CC-89-28

SITE #3
CC-88-7
CC-88-8

SITE #1
CC-88-1
CC-88-2
CC-88-3
CC-88-4

CARA 4 Mineral Claim

road

trench

trench

old train line

old stamp mill

Hope 1 Mineral Claim Boundary

Caribou Creek

road

L1+00W

L0+00

L1+00E

L2+00E

L3+00E

baseline

0 10 20 30 40 50 60 70 80 90 100
metres

OREQUEST

DORON EXPLORATIONS INC.

Figure 4

CARIBOU CREEK PROJECT

DRILL HOLE LOCATION MAP

Yukon

February, 1988 Drafting: B.M.

PLAN VIEW

CC-88-1

CC-88-1
CC-88-2

section line

995
elevation above sea level (metres)
990
985
980
975
970
965
960
955
950
945

CC-88-1
255 / -50°

CC-88-2
-90°

2.140 oz/t Au / 2.89m

5.065 oz/t Au / 1.22m

4a

4b

1

15.24m

1, 4b

1

gouge zone

1d

37.20m

LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

collar location of drill hole
casing
overburden

fault or shear zone

CC-89-21 — drill hole number
310 / -50° — dip
azimuth direction

0 5 10 15
metres

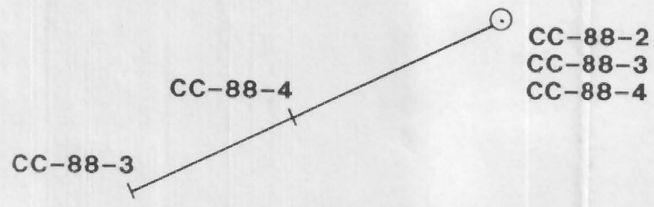
OREQUEST

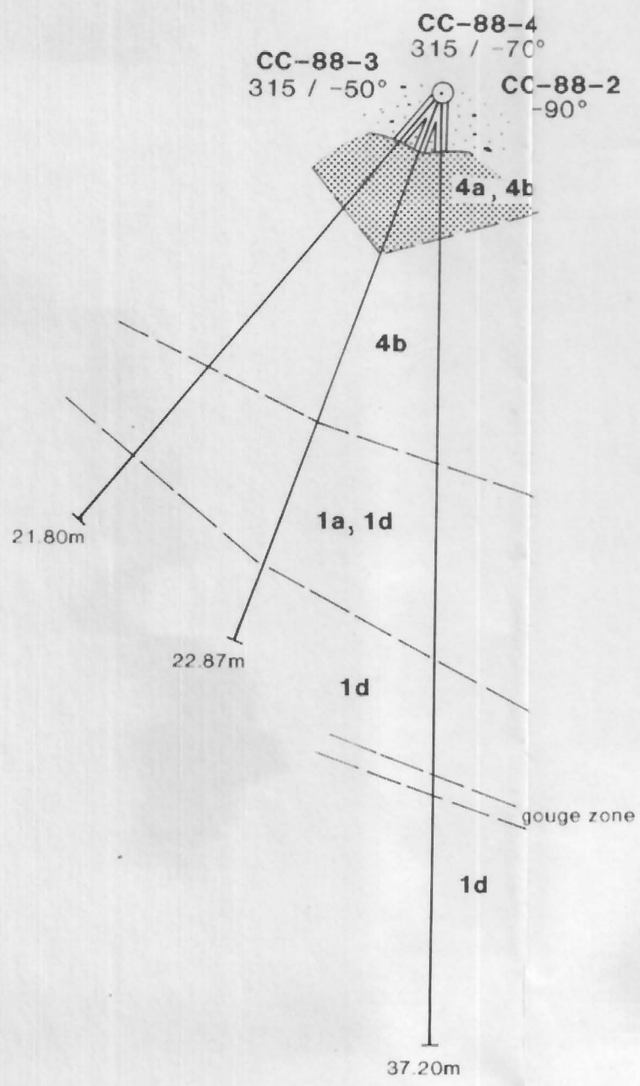
DORON EXPLORATIONS INC.

Figure 5
CARIBOU CREEK PROJECT
SITE # 1
LOOKING NNW
DRILL SECTIONS
CC-88-1 & CC-88-2
Yukon

June 1989 XY3

PLAN VIEW

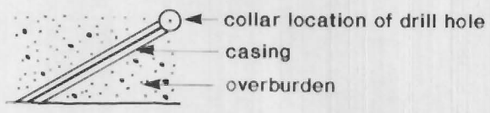


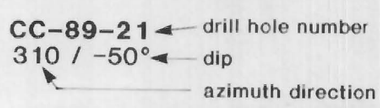


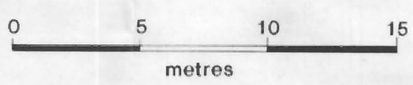
1000
elevation above sea level (metres)
995
990
985
980
975
970
965
960
955
950
945

LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite







OREQUEST

DORON EXPLORATIONS INC.

Figure 6

CARIBOU CREEK PROJECT

SITE #1

ROUGHLY PARALLEL TO ORE ZONE TREND

LOOKING NE

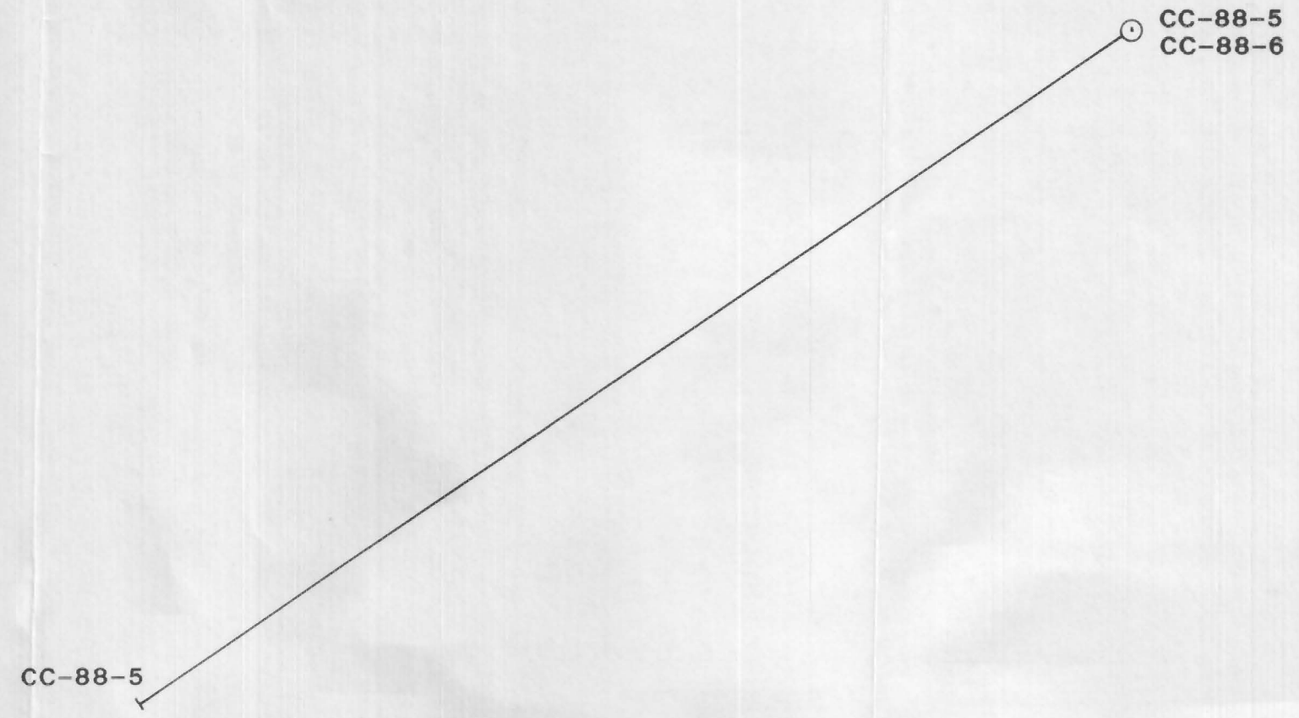
DRILL SECTIONS

CC-88-2, CC-88-3, & CC-88-4

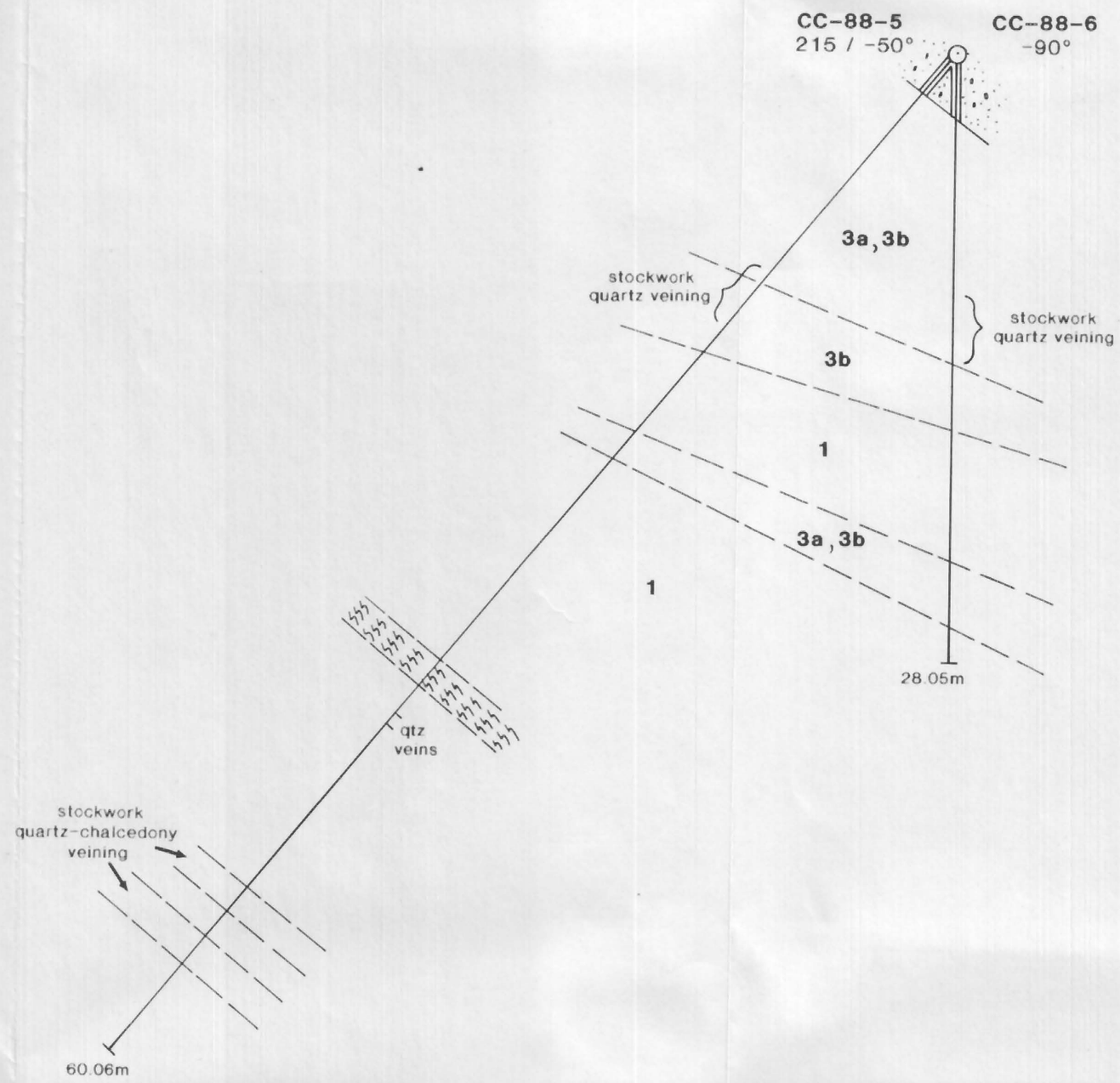
Yukon

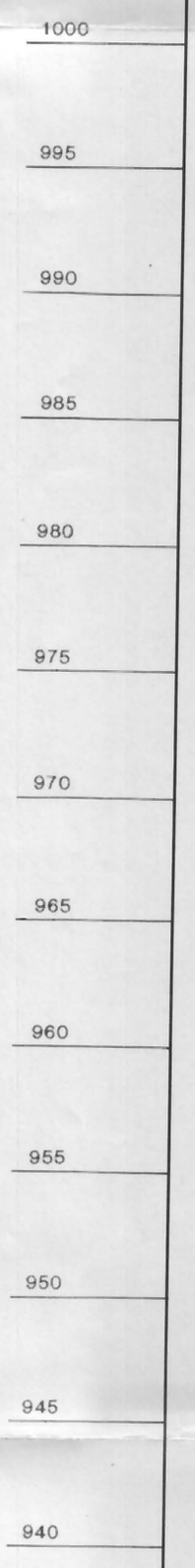
June 1989 XY3

PLAN VIEW



section line





LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

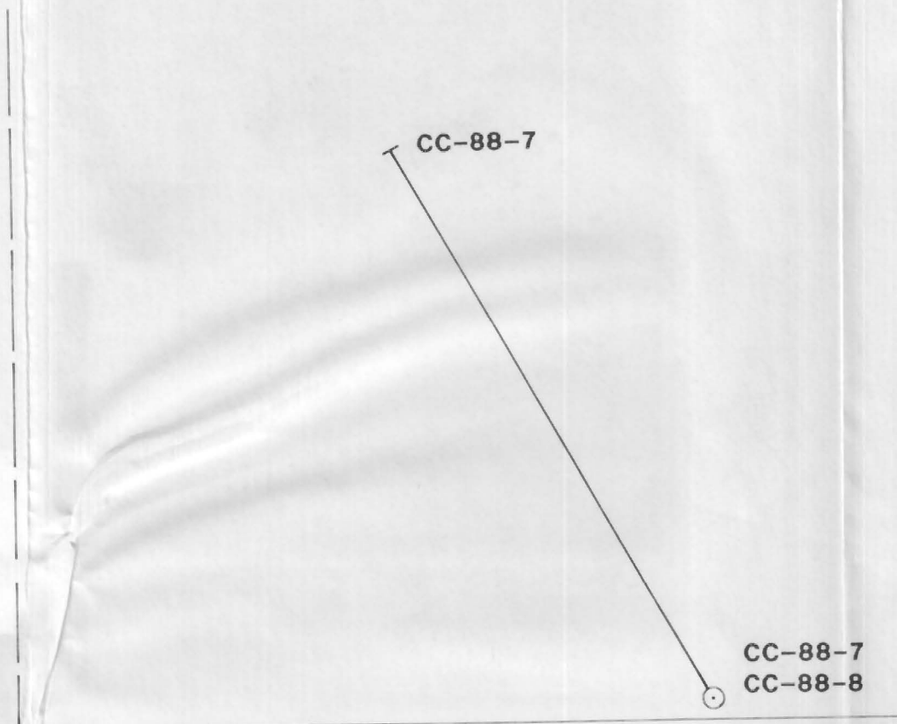
OREQUEST

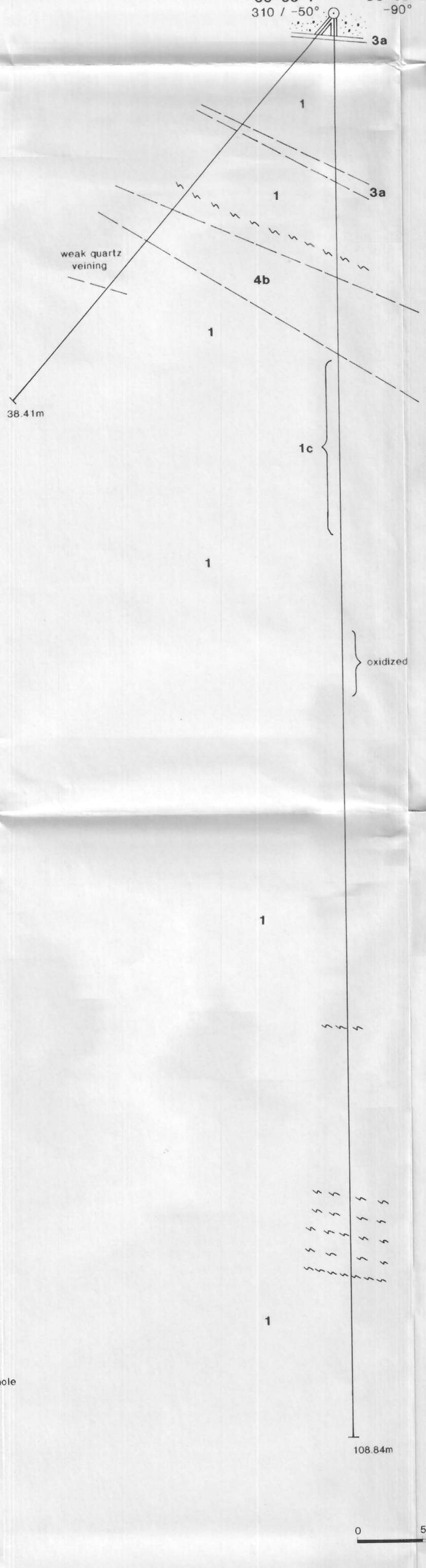
DORON EXPLORATIONS INC.

Figure 7
CARIBOU CREEK PROJECT
SITE # 2
LOOKING NW
DRILL SECTIONS
CC-88-5 & CC-88-6
Yukon

June 1989 XY3

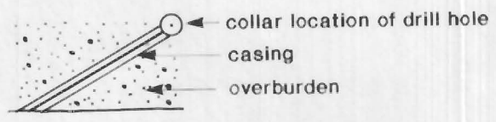
PLAN VIEW





LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite



fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

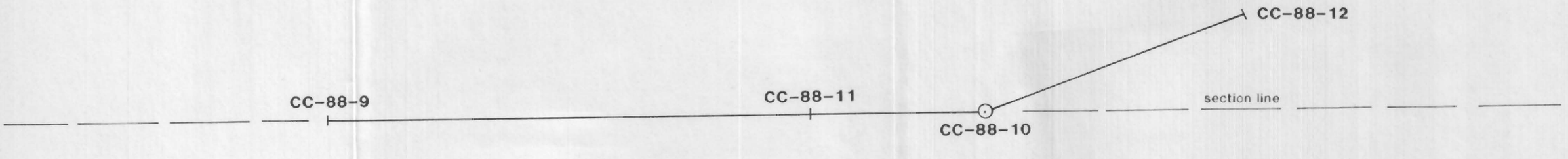
OREQUEST

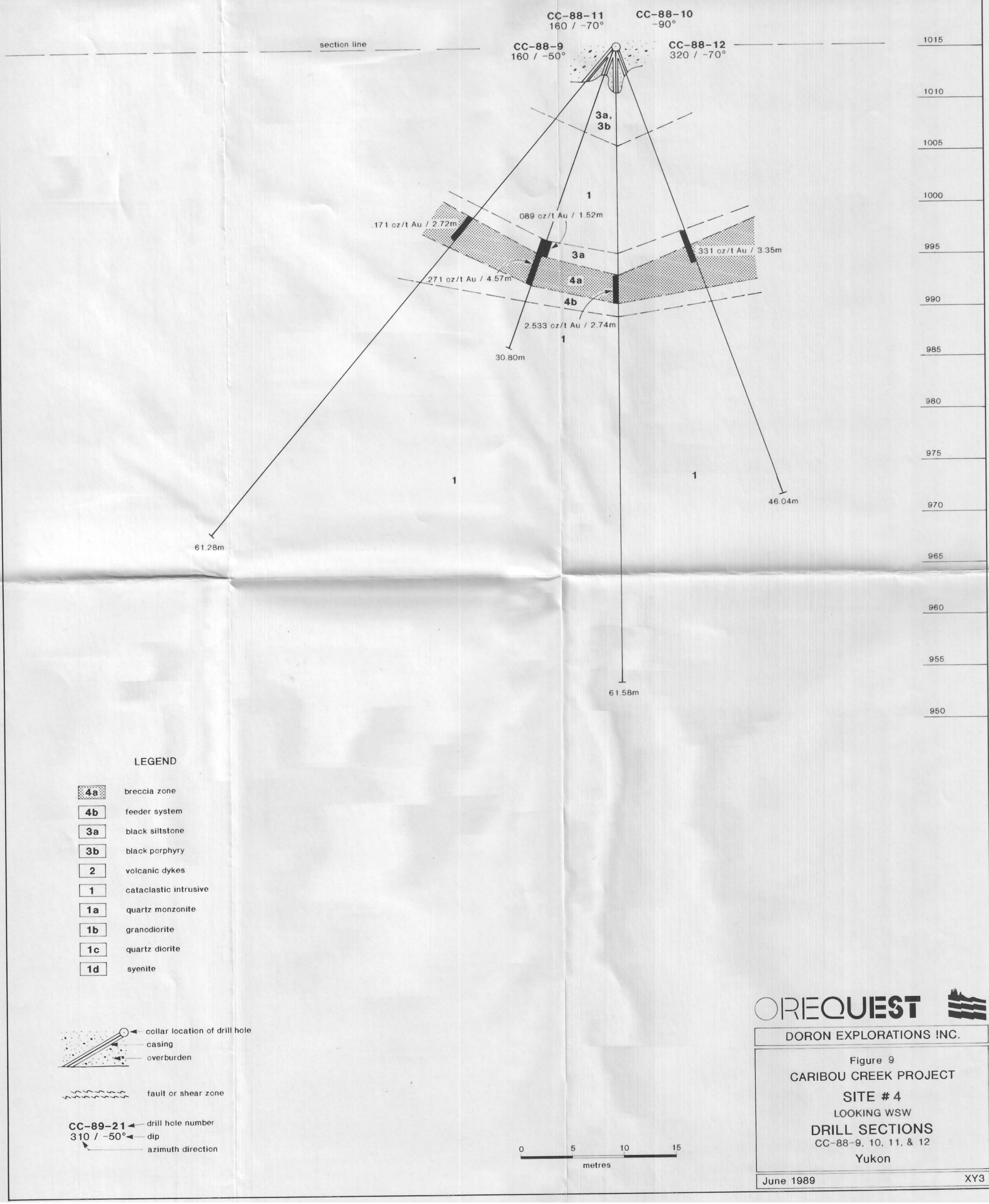
DORON EXPLORATIONS INC.

Figure 8
CARIBOU CREEK PROJECT
SITE #3
LOOKING NE
DRILL SECTIONS
CC-88-7 & CC-88-8
Yukon

June 1989 XY3

PLAN VIEW





LEGEND

4a	breccia zone
4b	feeder system
3a	black siltstone
3b	black porphyry
2	volcanic dykes
1	cataclastic intrusive
1a	quartz monzonite
1b	granodiorite
1c	quartz diorite
1d	syenite

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

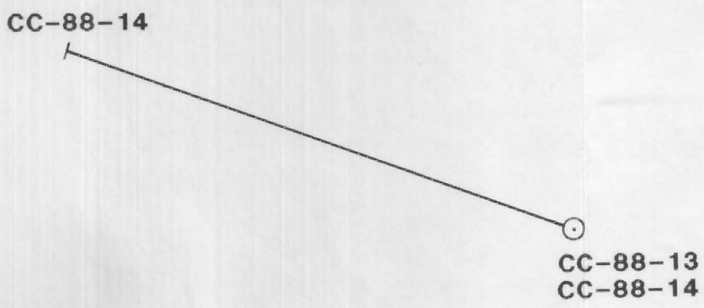
OREQUEST

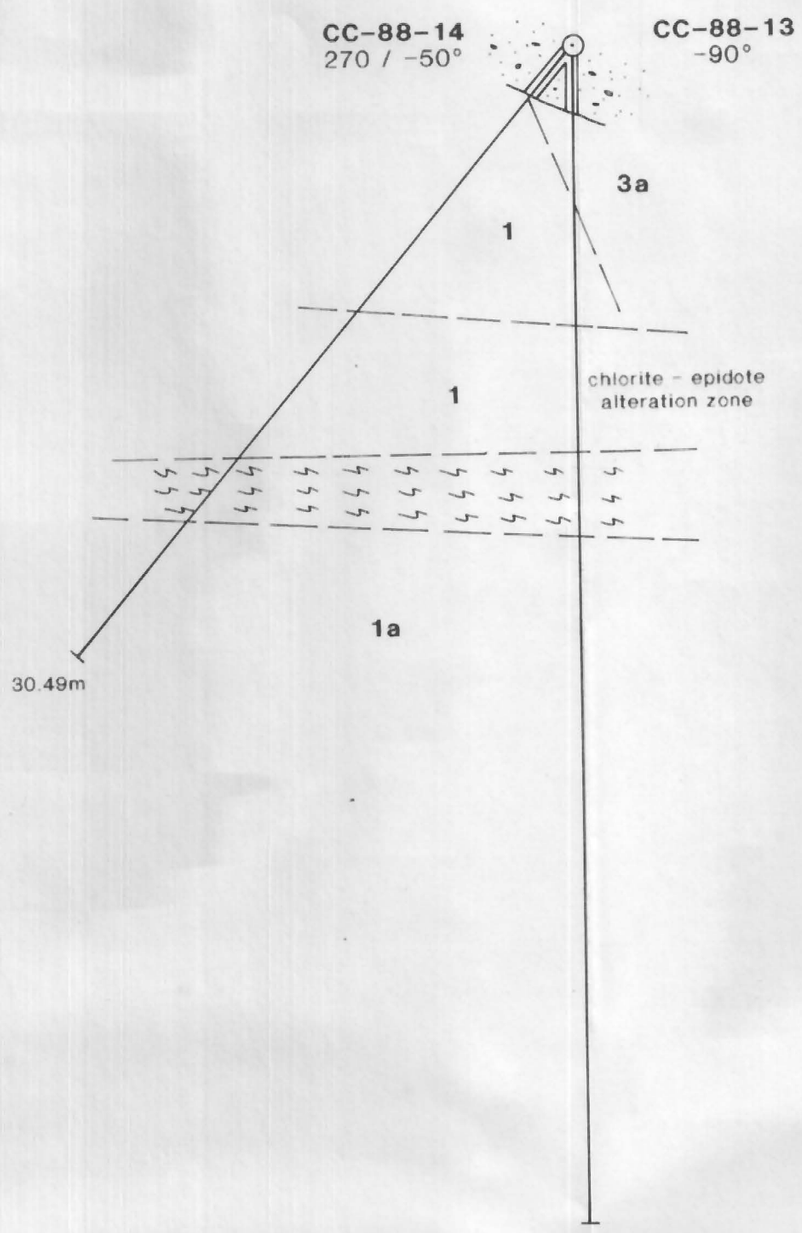
DORON EXPLORATIONS INC.

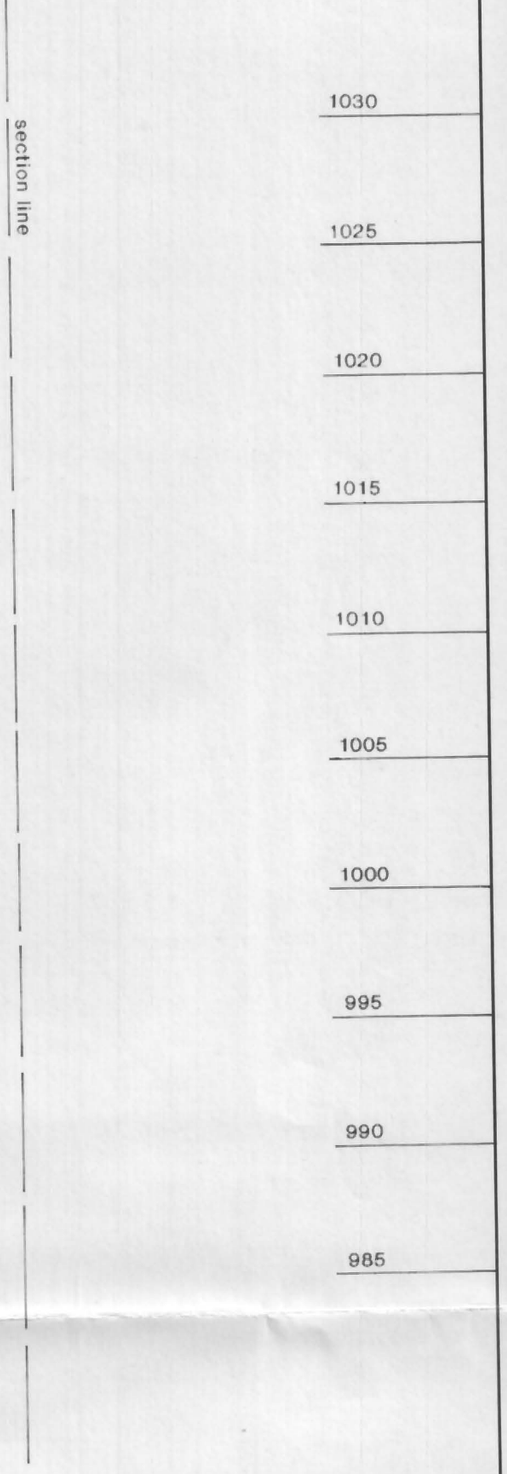
Figure 9
CARIBOU CREEK PROJECT
SITE # 4
LOOKING WSW
DRILL SECTIONS
CC-88-9, 10, 11, & 12
Yukon

June 1989 XY3

PLAN VIEW

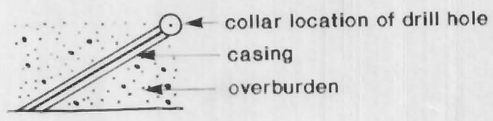


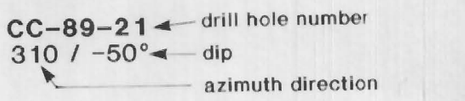


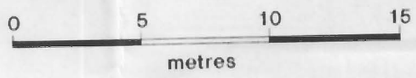


LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite







OREQUEST

DORON EXPLORATIONS INC.

Figure 10

CARIBOU CREEK PROJECT

SITE # 5

LOOKING W

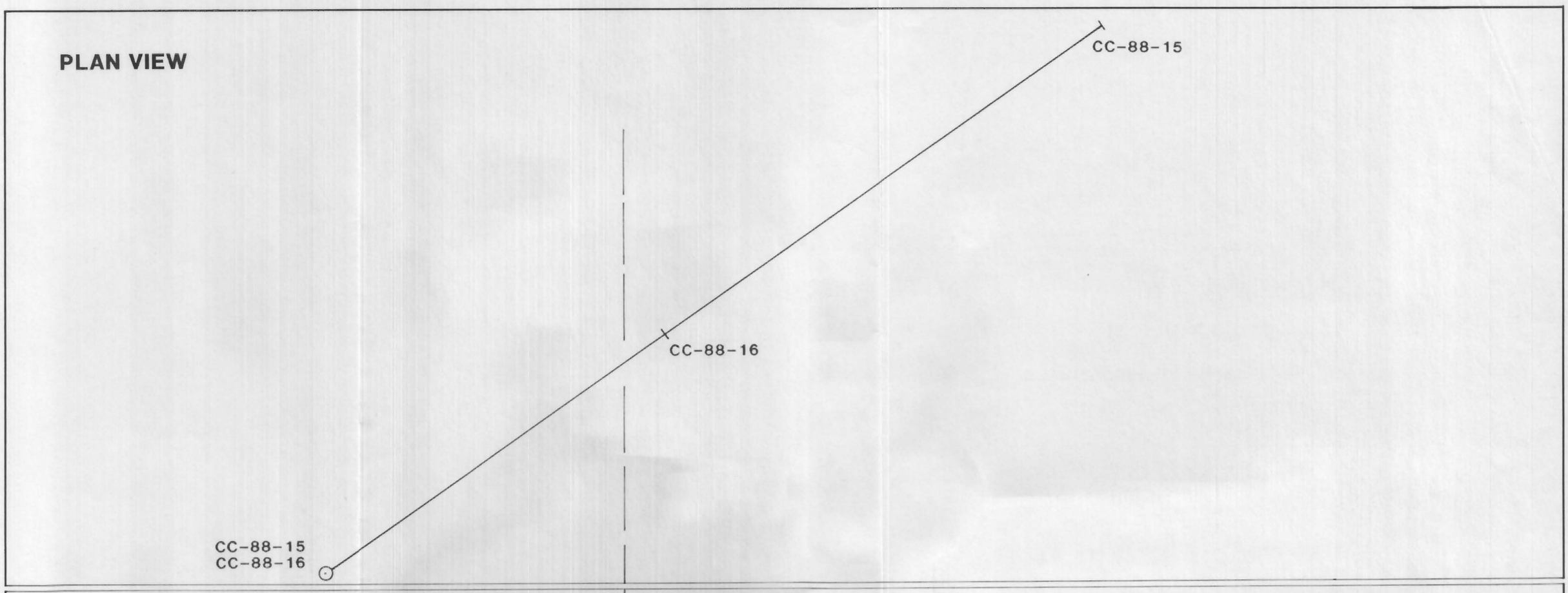
DRILL SECTIONS

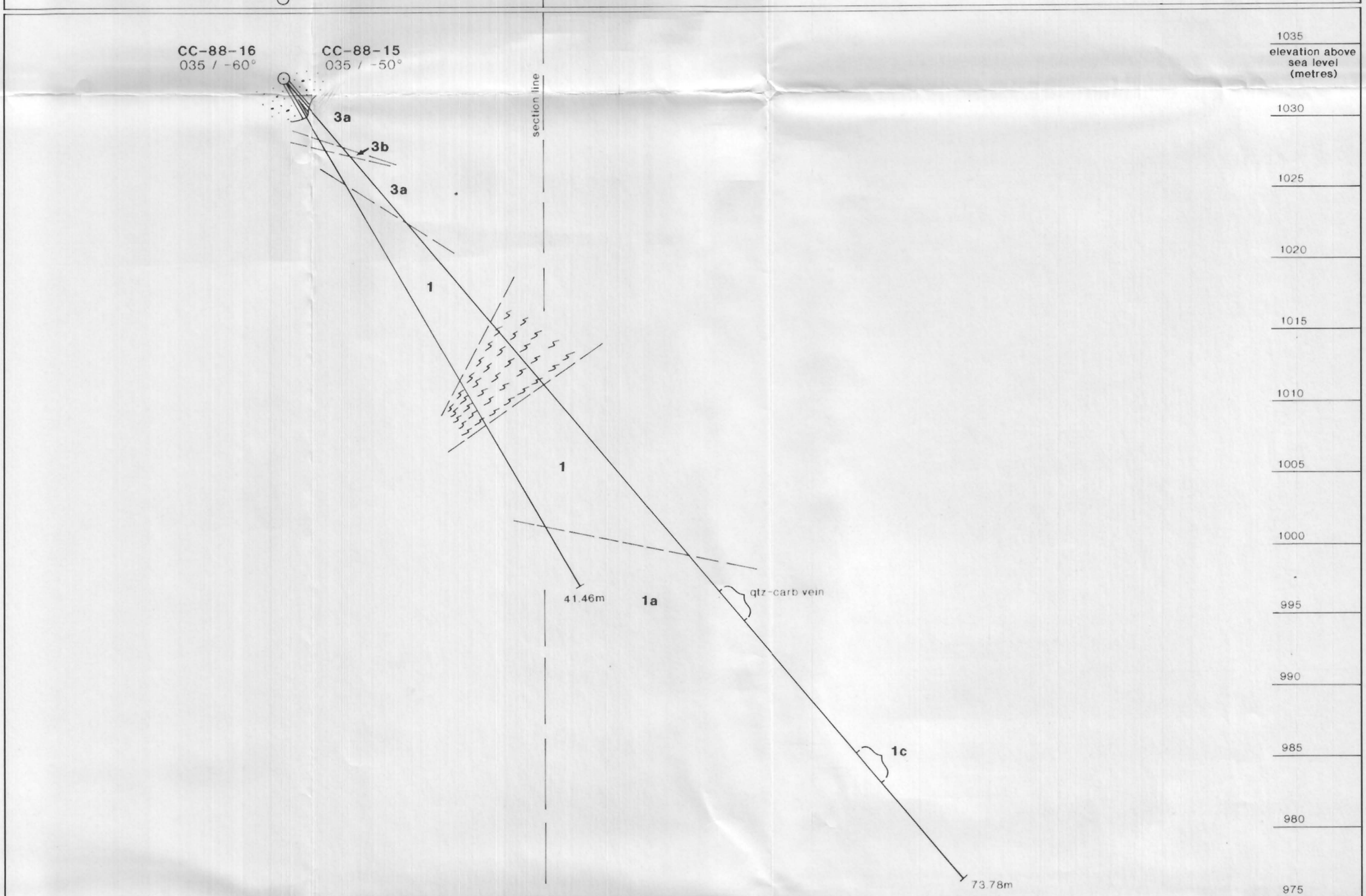
CC-88-13 & CC-88-14

Yukon

June 1989 XY3

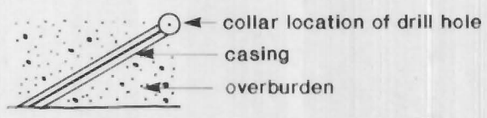
PLAN VIEW





LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite



fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

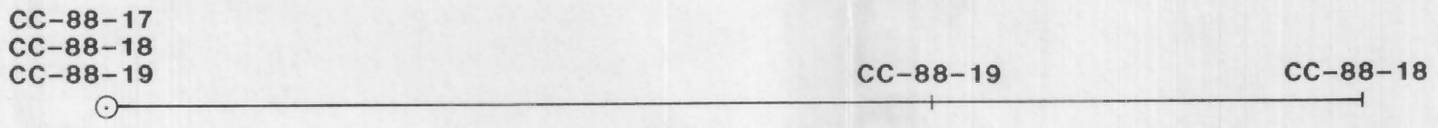
OREQUEST

DORON EXPLORATIONS INC.

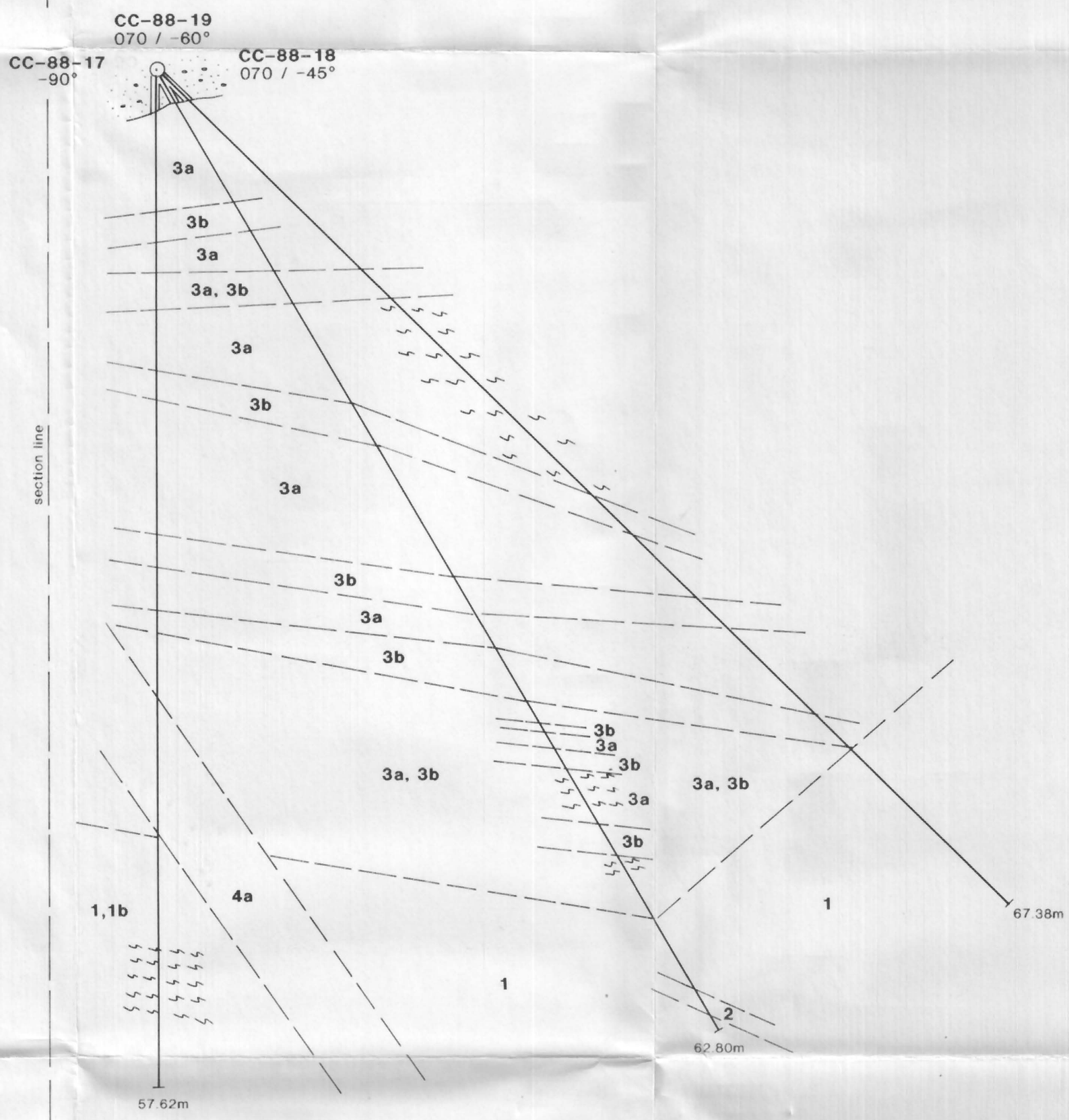
Figure 11
CARIBOU CREEK PROJECT
SITE # 6
LOOKING NW
DRILL SECTIONS
CC-88-15 & CC-88-16
Yukon

June 1989 XY3

PLAN VIEW



section line



LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

OREQUEST

DORON EXPLORATIONS INC.

Figure 12
CARIBOU CREEK PROJECT
SITE # 7
LOOKING NNW
DRILL SECTIONS
CC-88-17, CC-88-18, & CC-88-19
Yukon

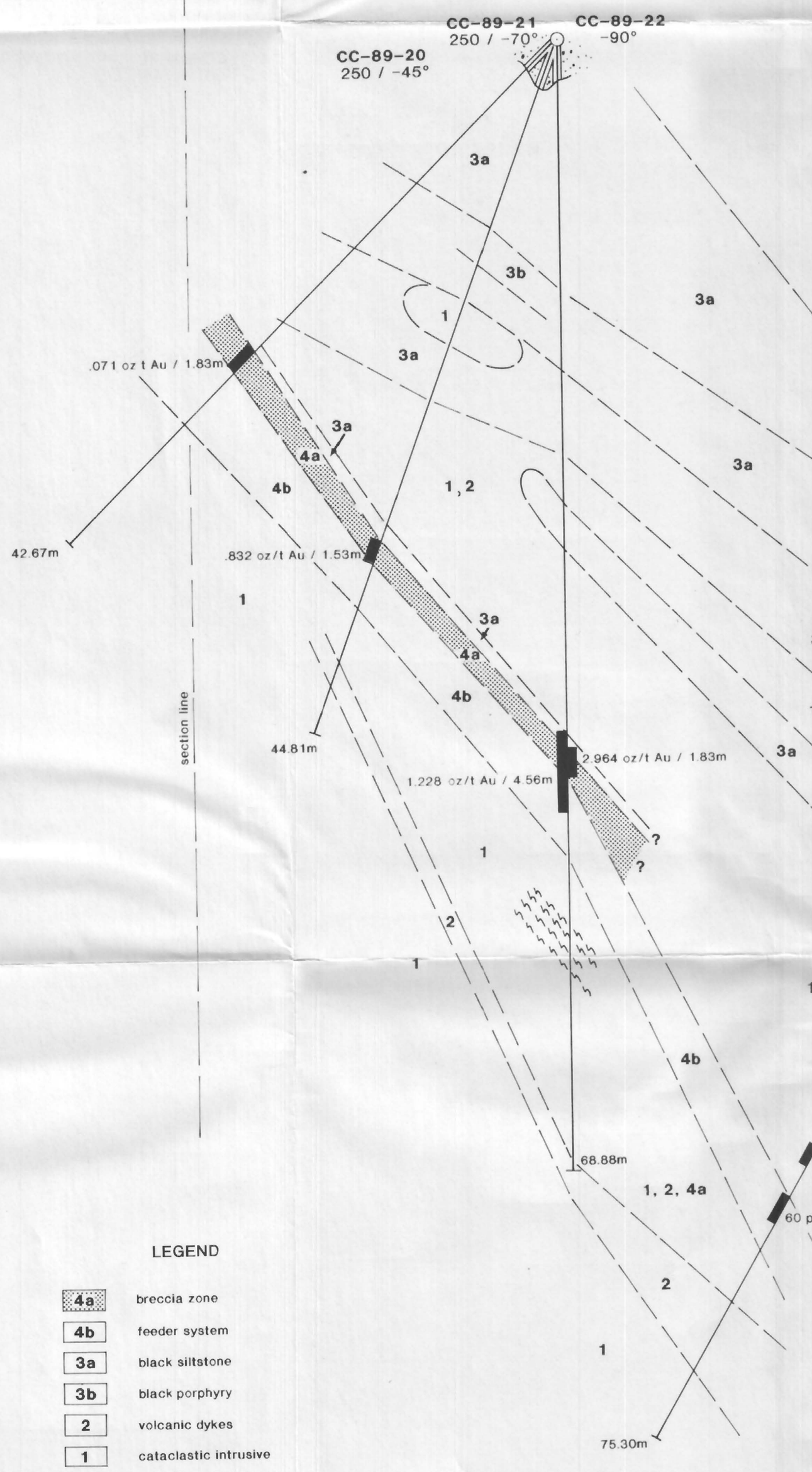
June 1989 XY3

PLAN VIEW

CC-89-20 | CC-89-22 | CC-89-20, CC-89-21, CC-89-22

CC-89-25

SITE #8



SITE #10

1025
elevation above sea level (metres)
1020
1015
1010
1005
1000
995
990
985
980
975
970
965
960
955
950
945
940
935

LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

fault or shear zone

CC-89-21 — drill hole number
310 / -50° — dip
azimuth direction

0 5 10 15
metres

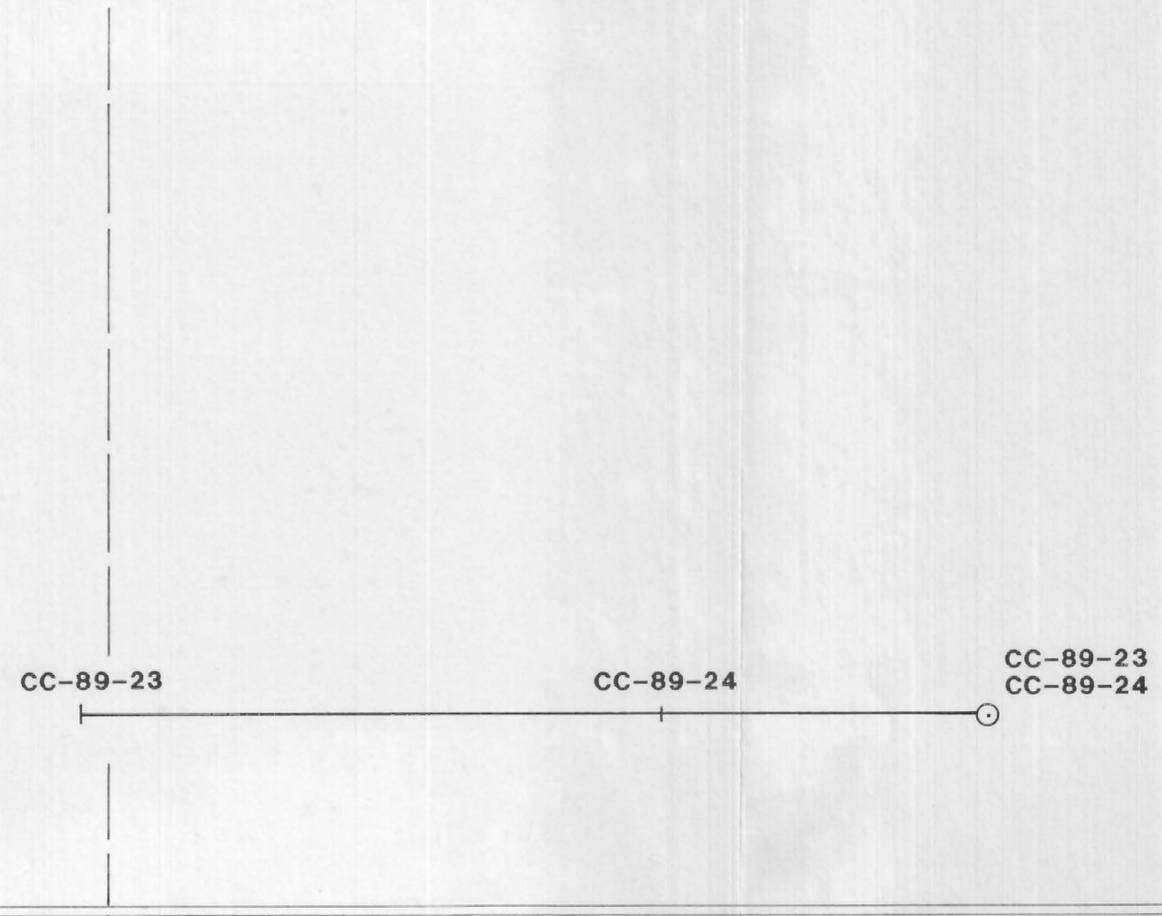
OREQUEST

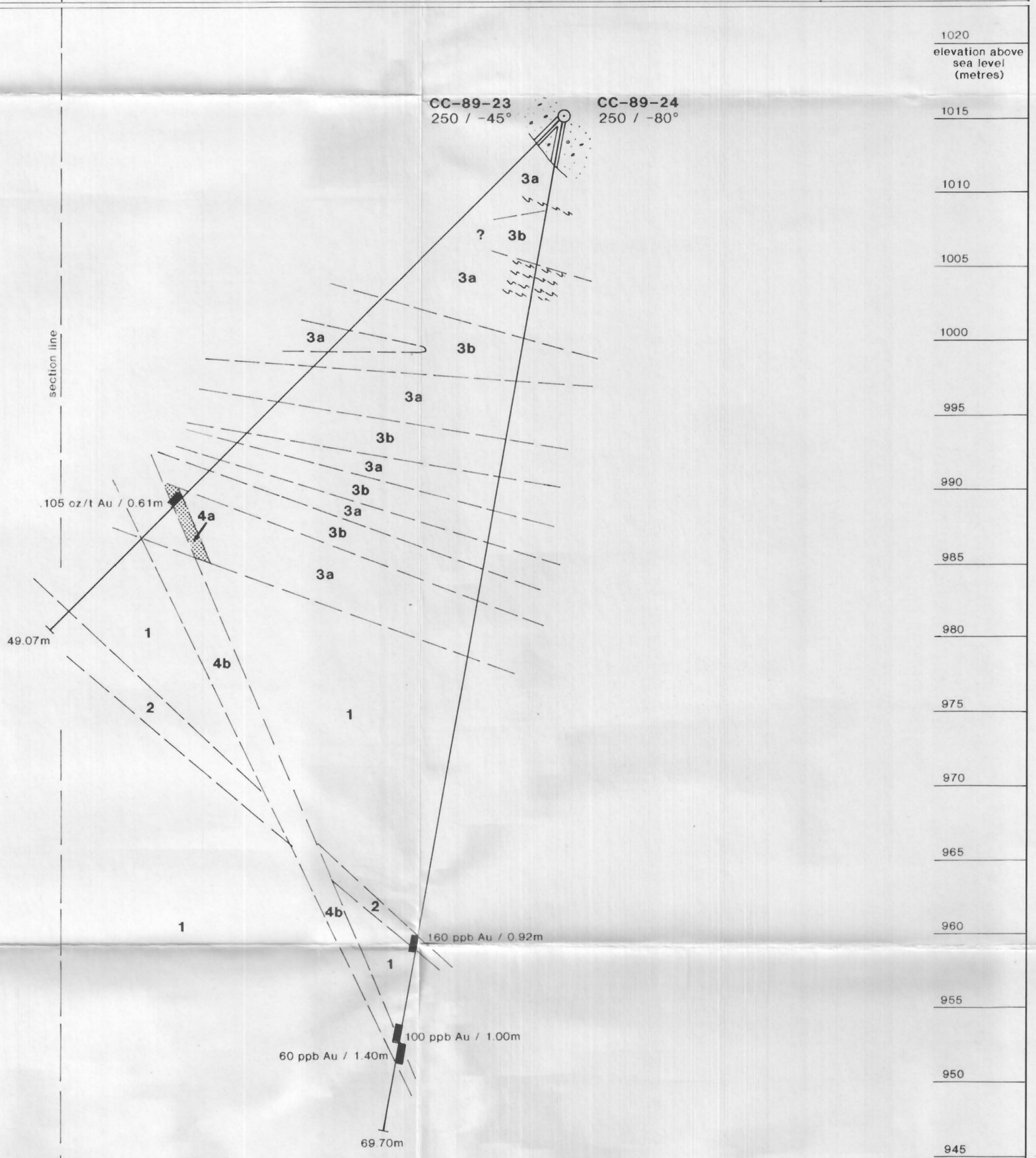
DORON EXPLORATIONS INC.

Figure 13
CARIBOU CREEK PROJECT
SITES #8 & #10
LOOKING NNW
DRILL SECTIONS
CC-89-20, 21, 22, & 25
Yukon

June 1989 XY3

PLAN VIEW





LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

fault or shear zone

CC-89-21 — drill hole number
310 / -50° — dip
azimuth direction

0 5 10 15
metres

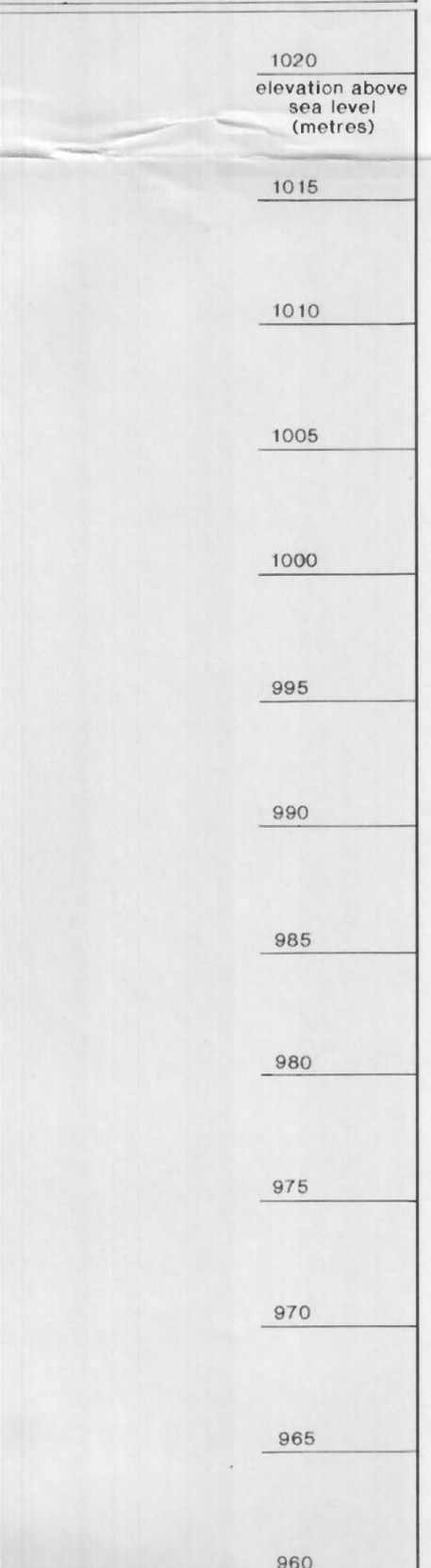
OREQUEST

DORON EXPLORATIONS INC.

Figure 14
CARIBOU CREEK PROJECT
SITE # 9
LOOKING NNW
DRILL SECTIONS
CC-89-23 & CC-89-24
Yukon

June 1989 XY3

PLAN VIEW



LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

fault or shear zone

CC-89-21 — drill hole number
310 / -50° — dip
azimuth direction

0 5 10 15
metres

OREQUEST

DORON EXPLORATIONS INC.

Figure 15
CARIBOU CREEK PROJECT
SITE #11
LOOKING NNW
DRILL SECTIONS
CC-89-26 & CC-89-27
Yukon

June 1989 XY3

PLAN VIEW

CC-89-28

section line

CC-89-28
250 / -45°

1,2

3a

3b

4a 1
135 oz/t Au / 0.84m

1

4b

broken core

5% pyrite

quartz veining

44.21m

1015
elevation above sea level (metres)
1010
1005
1000
995
990
985
980
975
970
965

LEGEND

- 4a breccia zone
- 4b feeder system
- 3a black siltstone
- 3b black porphyry
- 2 volcanic dykes
- 1 cataclastic intrusive
- 1a quartz monzonite
- 1b granodiorite
- 1c quartz diorite
- 1d syenite

collar location of drill hole
casing
overburden

fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

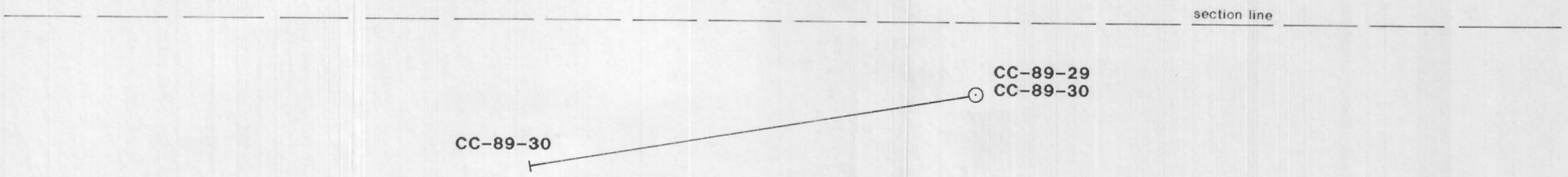
OREQUEST

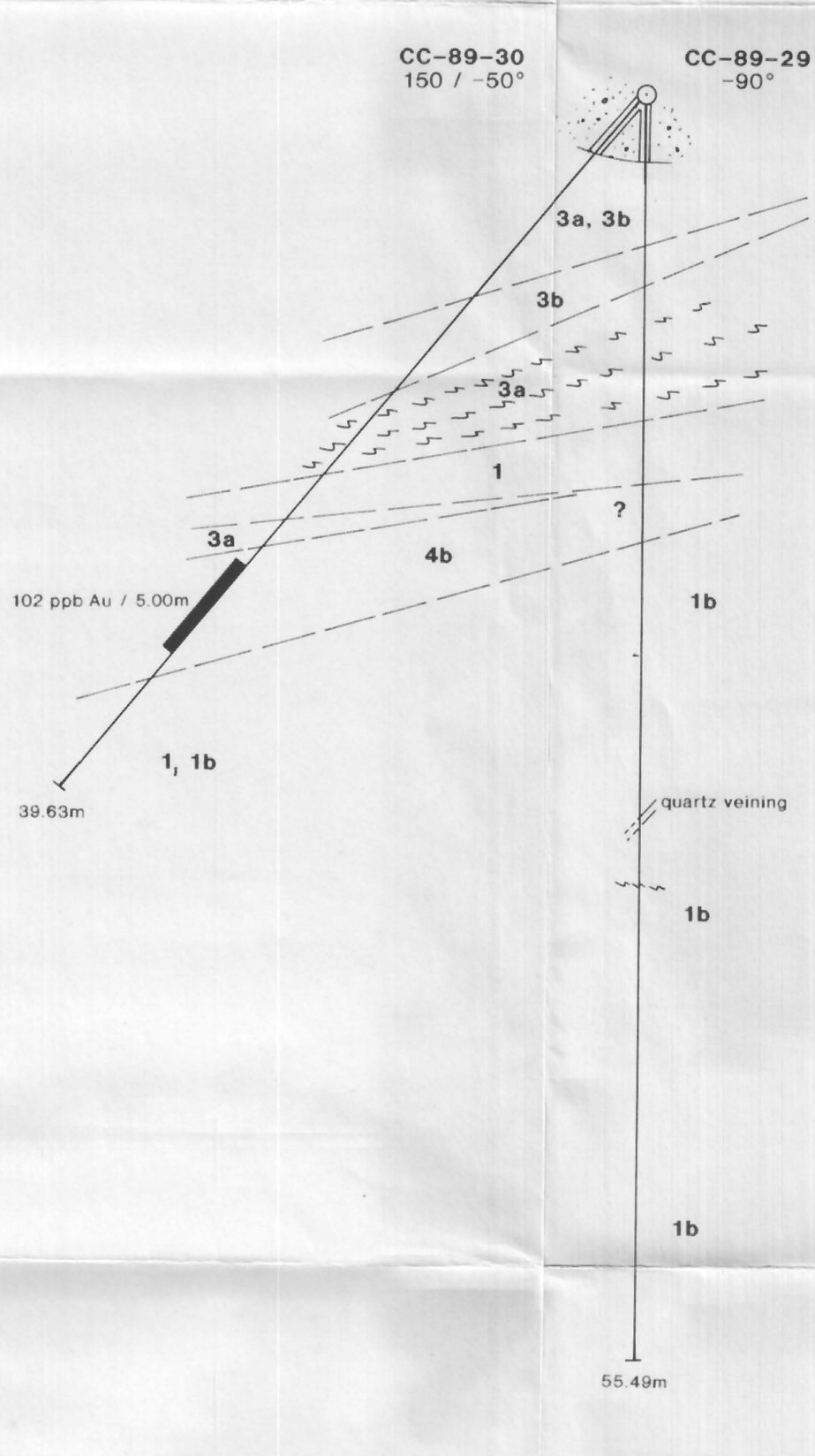
DORON EXPLORATIONS INC.

Figure 16
CARIBOU CREEK PROJECT
SITE #12
LOOKING NNW
DRILL SECTIONS
CC-89-28
Yukon

June 1989 XY3

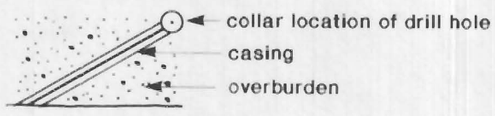
PLAN VIEW





LEGEND

- 4a breccia zone
- 4b feeder system
- 3a black siltstone
- 3b black porphyry
- 2 volcanic dykes
- 1 cataclastic intrusive
- 1a quartz monzonite
- 1b granodiorite
- 1c quartz diorite
- 1d syenite



fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

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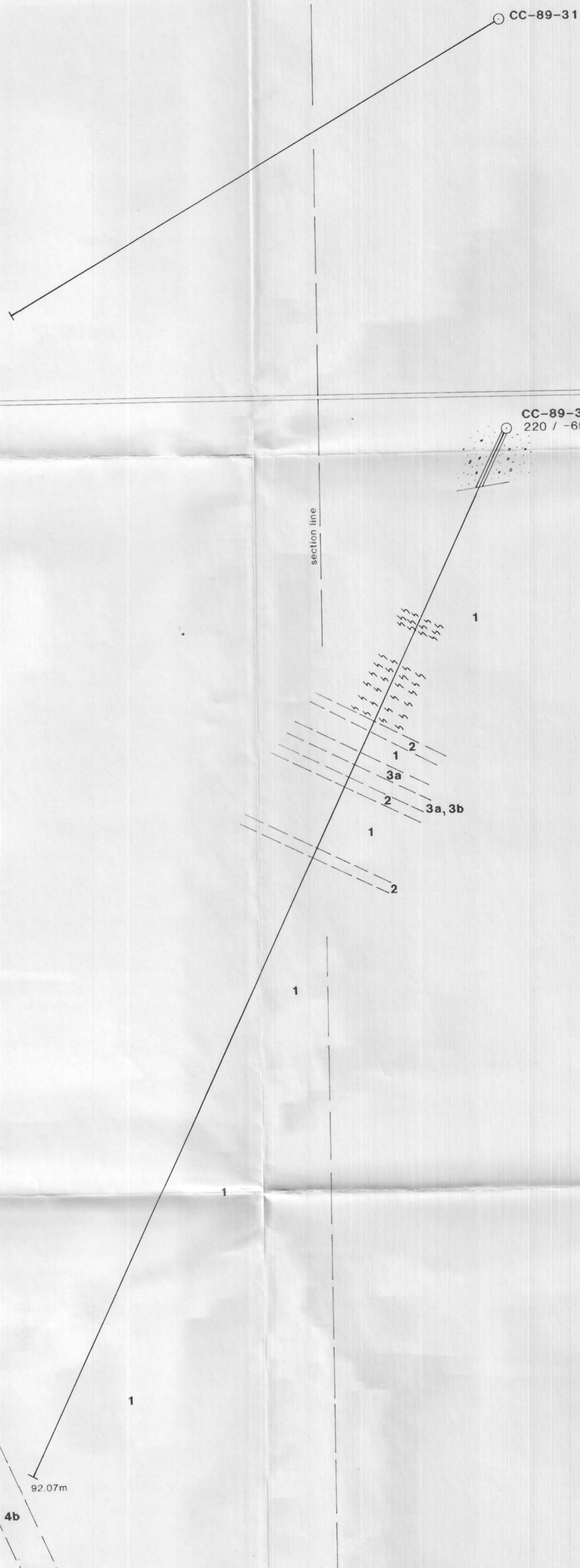
Figure 17
CARIBOU CREEK PROJECT
SITE #13
LOOKING WSW
DRILL SECTIONS
CC-89-29 & CC-89-30
Yukon

June 1989 XY3

PLAN VIEW



LEGEND

- 4a — breccia zone
- 4b — feeder system
- 3a — black siltstone
- 3b — black porphyry
- 2 — volcanic dykes
- 1 — cataclastic intrusive
- 1a — quartz monzonite
- 1b — granodiorite
- 1c — quartz diorite
- 1d — syenite

fault or shear zone

CC-89-21 ← drill hole number
310 / -50° ← dip
azimuth direction

0 5 10 15
metres

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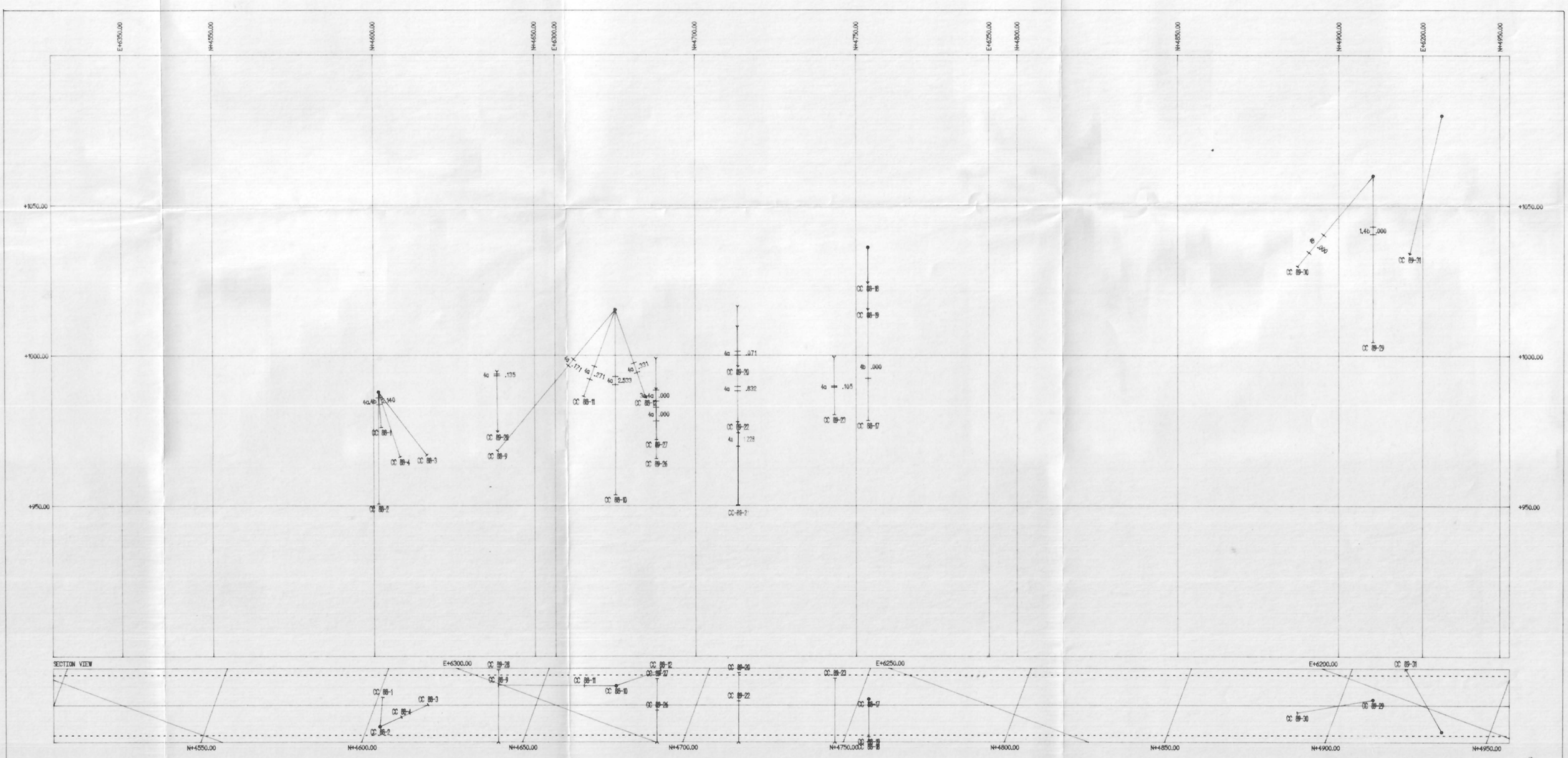
Figure 18
CARIBOU CREEK PROJECT
SITE #14
LOOKING NW
DRILL SECTIONS
CC-89-31
Yukon

June 1989 XY3



geological unit 4a 3' gold assay oz/ton

0 10 20 30 40
metres

OREQUEST

DORON EXPLORATIONS INC.

Figure 19
CARIBOU CREEK PROJECT
LONGITUDINAL SECTION
Yukon

June 1989 XY3

SYMBOLS :

- OUTCROP AND FELSENMEER
- FAULTS (OBSERVED, ASSUMED)
- CLAIM LINE, CLAIM POSTS (FOUND, NOT LOCATED)
- C — CAMP
- ROADS
- GRID LINE
- Au x — MINERAL SHOWING (GOLD)

Seymour

2500

BIG CREEK

Creek

FAULT

PROPERTY BOUNDARY

AREA OF POTENTIAL MINERALIZATION

Caribou

Au

Sunny Vein

Sunny Vein

4x4 Road

BEST 5

BEST 6

BEST 4

BEST 3

BEST 2

BEST 1

CARA 6

CARA 7

CARA 4

CARA 5

CARA 3

CARA 1

CARA 2

HOPE 1

HOPE 2

BOO 66

black unit

Area Drilled

Area Drilled

Rabbit Gulch

Old Stampmill

quartz vein

black unit exposure

L5+00 N
L4+00 N
L3+00 N
L1+00 N
L0+00 N
L1+00 S
L2+00 S
L3+00 S
L4+00 S
L5+00 S
L6+00 S
L7+00 S
L2+00 W
L1+00 W
L0+00 W
L1+00 E
L2+00 E
L3+00 E
L4+00 E
L5+00 E
L6+00 E
L7+00 E

4000

3000

3500

4300

PROPERTY BOUNDARY

200 0 200 400 600 800
METRES

OREQUEST

DORON EXPLORATIONS INC.

CARIBOU CREEK PROJECT

PROPERTY PLAN

N.T.S.	TECH.	DATE
115 I/3,6	G.D.	DECEMBER 1988.
SCALE	DRAUGHTING	FIGURE
1 : 10,000	J.A.S.F.	20