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**REPORT ON THE DRILLING
PROGRAM ON THE QUILL CLAIM GROUP**

**SKEENA MINING DIVISION
NTS 104B/7,8**

56 deg. 25' N 130 deg. 32' W

**Owner : A. St James
Operator : Petra Resource Corp**

Period of work : 29 July-12 Aug, 1999.

Report prepared by : Allan St. James from data supplied by
Petra Resources Corp. May 25, 2000.

Submitted for assessment on July 29th, 2000

MINERAL SURVEY BRANCH
REPORT

26,283

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INTRODUCTION

This report presents results of a small drill program to explore a zone containing gold-bearing quartz veins on the Quill Claim, in NW British Columbia. The work was completed between July 29th and August 12, 1999.

Property location, access, and definition

The Quill Property lies within the Skeena Mining Division of Northern British Columbia, about 24 km South of the Eskay Creek Mine, and 65 km NW of the town of Stewart (fig 1). Located at the NE end of McQuillan Ridge, between the Unuk and South Unuk Rivers, the claims(fig 2) lie between about 900 and 1700m elevation, mostly above the treeline. They are covered by NTS topographic sheet 104B/7 at 1:50,000 scale.

Access is by helicopter, from Camp km 45 (24km N) of Homestake Canada Inc, or from the highway maintenance camp at Bob Quinn Lake (65 km NE), or from Stewart (65 km SE), or from the Snip Mine strip at Bronson Creek (35 km NW), as shown on fig 1.

The property consists of 2 claim groups, totaling 38 units, as noted in table 1, and shown on fig 2.

Table 1 Quill Property claims

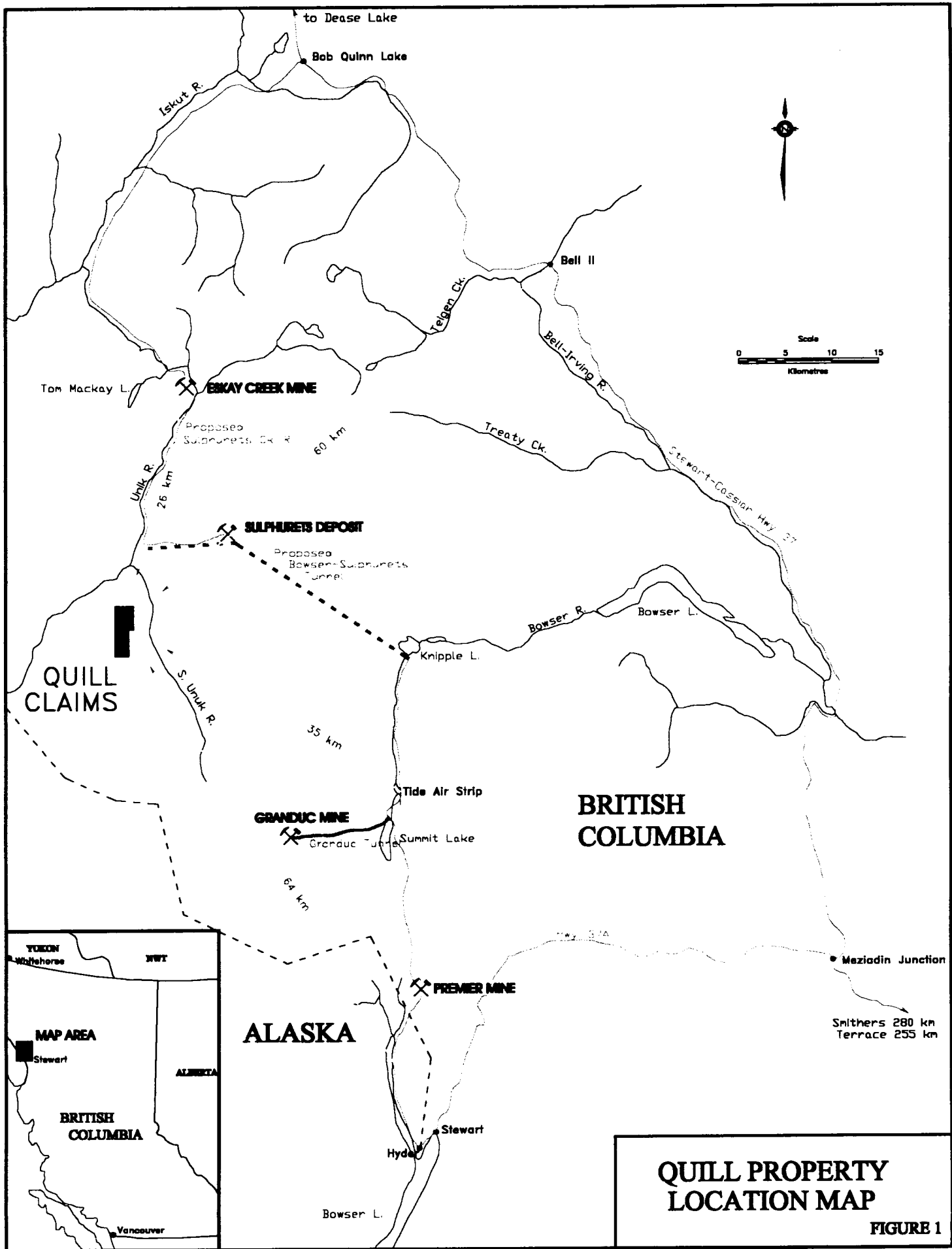
Claim name	Number	No of units	Expiry date	Owner
Quill	337650	20	July 1 , 2000	A. St. James
MR	339222	18	Aug 19 , 2000	A. St. James

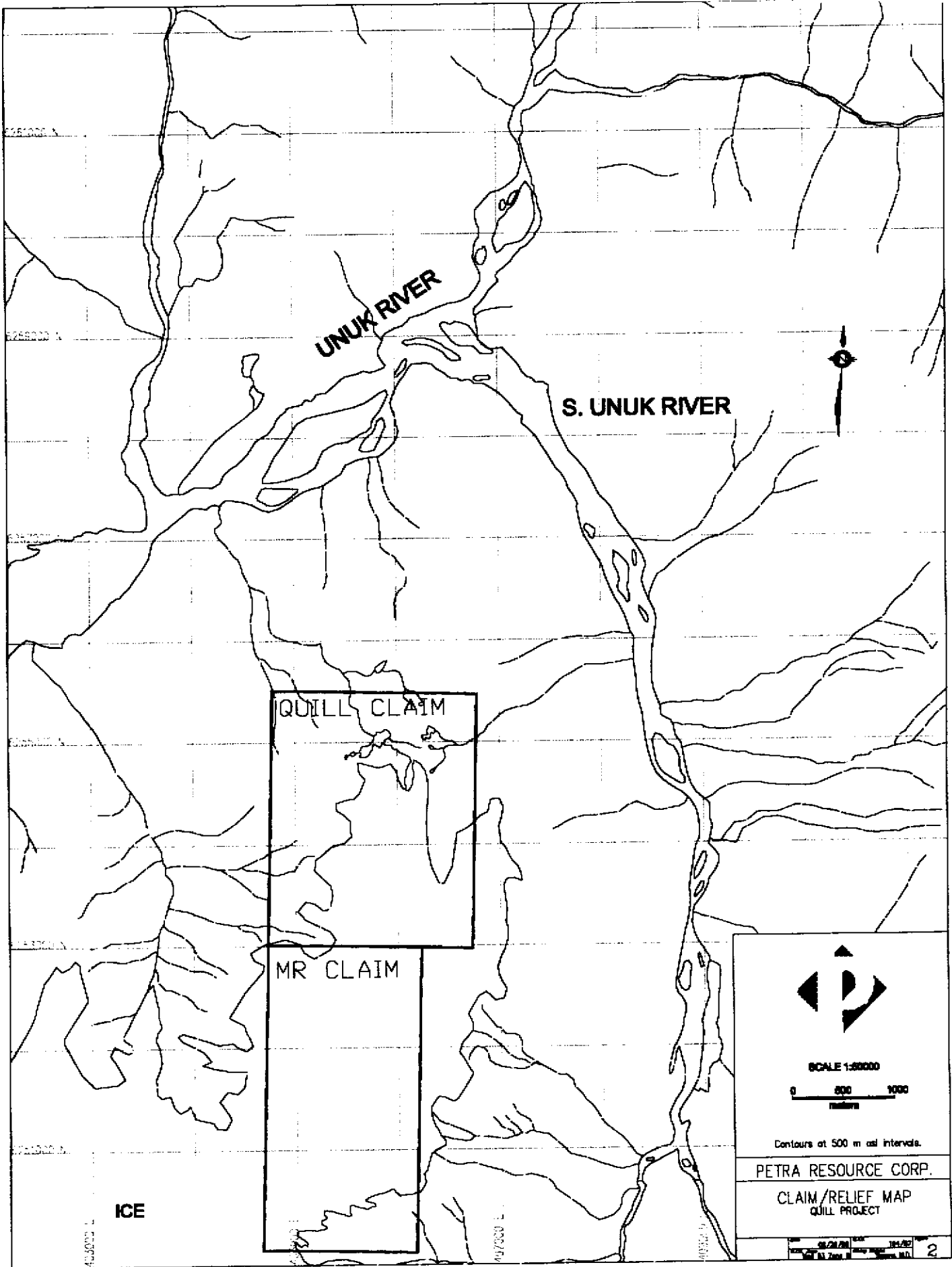
Previous work

The drilling program reported here focussed on one specific area near the centre of the Quill claim, originally called the "Golden Jade showing", and later referred to as the "Q-zone". Summaries of previous exploration in the general region, and on other parts covered by the present Quill property can be found in reports by Britton and others(1990), Curtis and others(1991), Adams (1995), and St. James (1998).

The Golden Jade "showing" was discovered in 1990 by Pamicon Developments Inc. on ground then owned by the South Unuk Gold Corp (Curtis and others ,1991). Pamicon located float blocks of quartz with weak to massive pyrite and chalcopyrite, and 4 assayed samples contained from 0.286 to 1.312 oz/t Au, 0.03 to 1.08 oz/t Ag and 1.83 to 6.47 % Cu. The source was not found, but was thought to be nearby because of the angularity of the blocks.

In 1995 A. St James prospected the Golden Jade area and collected 4 float samples that contained from 0.605 to 1.868 oz/t Au, 0.15 to 1.34 oz/t Ag, and 0.02 to 6.33 % Cu (St.James(1995); Adams (1995)). The area where the float





0 500 1000
Meters

SCALE 1:50000

Contours at 500 m asl intervals.

PETRA RESOURCE CORP.

CLAIM/RELIEF MAP
QUILL PROJECT

08/28/98 184/98
Map No. 2000 2

was most common was renamed the "Q-zone", but as with Pamicon no in-situ source was found.

In 1998, Adams (1999) set out a grid over an area of about 500 by 1000m covering part of the Quill claim, and carried out mag and VLF-EM surveys, and geological mapping and prospecting on the grid area (Adams, 1999). Adams found further mineralized quartz float in the Q-Zone, 2 assayed samples giving 65 ppb and 102.0 g/t Au, 36.5 and 425 g/t Ag, 0.39 and 5.32% Cu, and one of the samples also contained 2.0% Pb and 3.0% Zn. Again no source was found, but snow-cover hindered the search for in-situ sources up-hill.

In August of 1998, when more snow had melted from the gridded area surveyed and mapped by Adams, the property was briefly examined by M.S. Vaskovic for Homestake Canada Inc. A total of 18 analyses were done by Homestake, including some on samples of float from the Q-zone, and also from 2 small quartz veins found up-slope from the float area. One sample of quartz float from the Q-Zone contained 30.01g/t Au and 7.2 g/t Ag, and grab samples of the 2 newly discovered veins yielded 34.12g/t Au and 24.91 g/t Au, and 3 and 18.4 g/t Ag respectively. These gold-bearing quartz veins consist of quartz with variable pyrite and chalcopyrite, and are essentially similar to the gold-bearing pyrite-chalcopyrite quartz float found downslope in the Q-Zone.

Objective of the current program

There are some similarities of geological setting between the Quill mineralization and that at the Snip Mine, where auriferous quartz vein occur in sheared sediments, and it was thought there may be some potential for Snip-style mineralization at Quill. The objective of the drilling reported here was therefore to explore for a gold-bearing vein or veins in the vicinity of the auriferous quartz found as float and as small veins in the Q-zone. Poor exposure and snow cover at Quill require drilling to explore for such a target.

WORK DONE

Grid

Part of the grid set out by Adams in 1998 was re-picketed with new flagged wires wherever old pickets could be found in place. No attempt was made to correct the previous grid, only to relocate it. Most of the SW third of the grid from about 150 to 400 N and 400 to 700E, in the vicinity of the Q-zone, was re-established and provided sufficient control for mapping and drill-hole location.

Geology

The re-established part of the grid was briefly remapped geologically at a scale of 1:500 (see map 1). Snow cover hindered this work, outcrop areas changed significantly as new outcrops continued to appear due to melting through to the end of the program, and future mapping when there may be more exposure could therefore lead to significant new information. For example,

several veins found by Homestake were still under snow cover at the end of the drill program on August 10.

Drilling

In an initial visit to the property by Petra Resources Corp staff on July 16(1999) to determine if snow conditions might allow drilling to start, one of the 2 veins found by Homestake Canada (Map 1, about 617E 168N) was relocated and sampled. The attitude of this vein is 120/90 to 120/85 N, more or less parallel to a number of shears in hornfelsed green sediments near the contact with a diorite pluton. Drilling was therefore planned towards azimuth 210, approximately perpendicular to the trend of this gold-bearing vein, the shears, and the diorite contact in order to explore the 40 to 60m wide zone thought to have the greatest potential to contain a persistent gold-bearing structure.

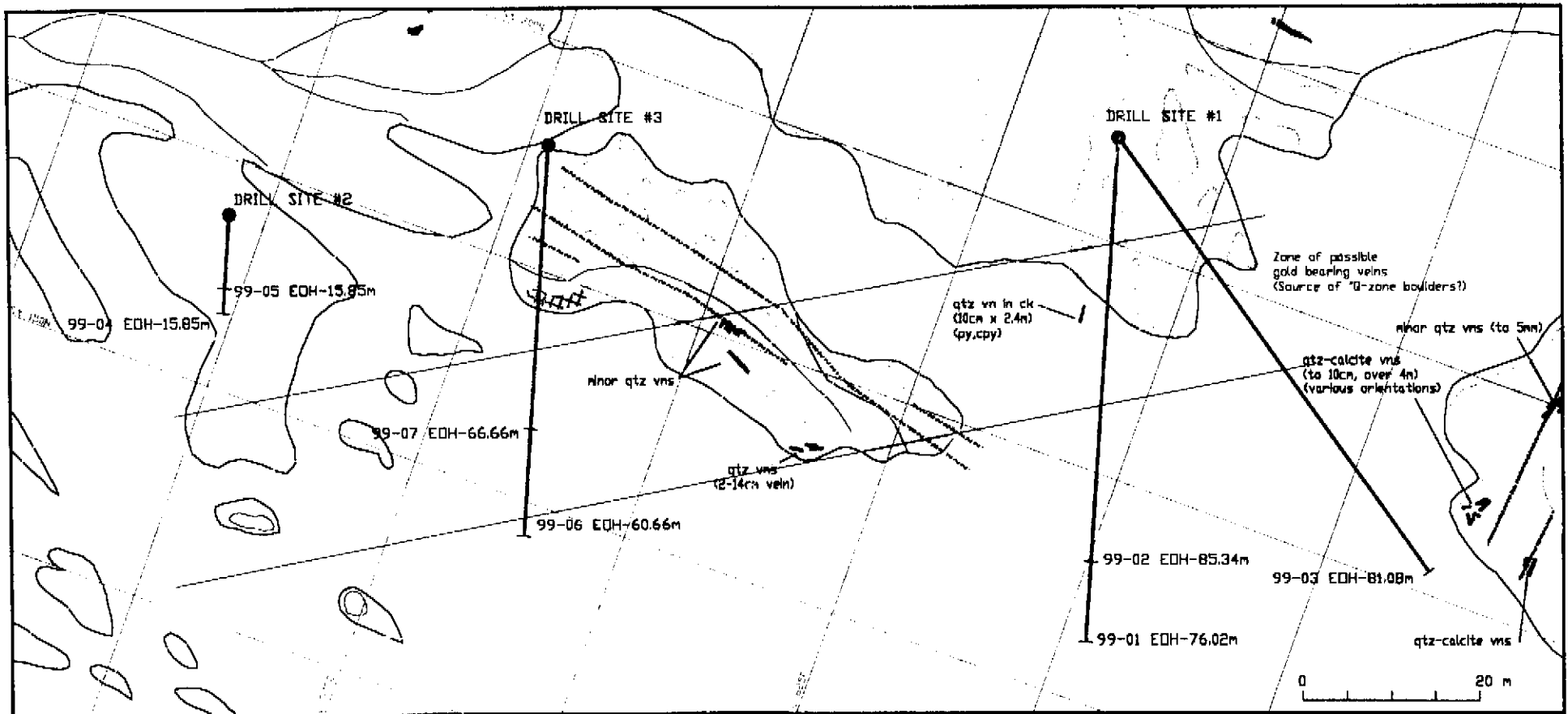
Seven holes were drilled from 3 sites, totaling 394.85 m(see fig. 3). Initial holes 1 and 2 were drilled between two gold-bearing quartz veins found by Homestake (see map 1), sample 14193 with 34.1g/t Au, and 14195 with 24.9 g/t Au (still snow-covered in early August of 1999). Hole 3 was originally planned to be drilled toward 210 from a site about 50 m further uphill (about 680E 240N) than holes 1 and 2. This was abandoned for logistical and geological reasons, however, and the area hole 3 was intended to explore was reached by redirecting the drill to 170 from site 1. Holes 4 and 5, from site 2 at 541E 169N, were abandoned due to the inability of the light-weight drill to penetrate hard, sheared and broken sediments. The drill was therefore relocated to site 3 for holes 6 and 7. A possible drill site at 475E 175N further down the valley had been selected in case encouraging results were obtained, but was never occupied.

Table 2 Details of drill-holes

Hole #	Setup #	Grid E m	Grid N m	Elevation m ASL	Azimuth deg	Inclination -deg	Depth m
99-1	1	637	212	1470	210	45	76.02
99-2	1	"	"	"	210	60	85.34
99-3	1	"	"	"	170	45	81.08
99-4	2	541	169	1446	210	45	15.85
99-5	2	"	"	"	210	60	15.85
99-6	3	577	189	1448	210	45	60.05
99-7	3	"	"	"	210	60	60.66

Note : Grid locations measured from averaged lines 525E and 200N (map 1) 394.85m Elevations from map by Adams (1999)

Drilling was carried out by Falcon Drilling Ltd of Prince George using a lightweight Falcon-built drill, producing ATW core. A crew of 4 drillers, a cook and a geologist travelled from Prince George to Bob Quinn Lake on 29 July, and



GEOLOGICAL LEGEND

- Snow
- 7 □ Till/Gravel
- 7 Late Triassic Intrusives
- 8 □ Greenish altered diorite, variable amounts of epidote and chlorite.

U TRASSIC (Taldia Group equivalents)

- 3 □ Rusty weathered, hard gray, well bedded hornfels.
- 2 □ Grey very hard, bedded, hornfelsed sediment, mostly sandstone.
- 1 □ Dark green chloritic, epidotitic, often sheared sediments with large volcanic contribution, possibly some tuffs.
- dark green hornblende andesite dikes

**DRILL PLAN MAP
QUILL PROPERTY
"Q-ZONE"**

Figure 3

on 30 July, using the Eskay Mine road with permission of Homestake Canada Inc, the camp was mobilized from km 53 with a Northern Mtn Ltd Hughes 500 helicopter based at a camp at km 45. Drilling began on 1 August, was completed on 10 Aug, camp was demobilized on 11 Aug, and the crew returned to Prince George on 12 Aug. Some drill-core not needed for analysis was left in stacked numbered boxes at sites #1 and #2, while core for analysis and skeleton core was sent to Vancouver for sawing. Apart from the core, nothing was left on site. The campsite was inspected by BC Mines Branch on 24 Aug, and reclamation was reported to be satisfactory.

RESULTS

Geology

The geology and mineral deposits of the region have been described by Grove (1986), Curtis and others (1991). The most recent regional mapping in this area was by Britton and others (1989), and Britton and others (1990). The geology of the Quill claim is briefly described in MINFILE entry "104B 012 McQuillan". According to Britton and others (1989) the Q-zone quartz veins lie in Upper Triassic Stuhini Group sediments close to the contact with a diorite-qtz diorite pluton of probable Jurassic age, within the contact metamorphic aureole.

Units shown on the mapped grid area(Map 1) are briefly described below.

Sediments (U Triassic Stuhini Group)

1 Grey to dark green, fine grained (1mm), hornfelsed sediment, often sheared, bedding rarely seen. May consist largely of volcanic detritus of andesitic composition, and some parts may even be tuffaceous. Can be magnetic, apparently due to disseminated magnetite, but rare pyrrhotite also noted. Epidote-chlorite-calcite alteration common, presumably due to the diorite intrusion. Epidote (5-10%) can be pervasive, also as veins, spots and clots (as large as 30x10 cm). Chlorite tends to be on fractures surfaces and as wispy dark green scraps in veins with quartz and calcite. Calcite occurs throughout as thin veinlets of random orientation that often weather recessively, usually 1-3mm wide but rarely to 2 cm, and also in quartz veins. Pyrite is also present throughout the unit in small amounts, often 1-3% but up to 6% over 10 cm, as fine-grained disseminations, and as streaks and small lenticles 1 to 2 cm long. Quartz is occasionally present as lensy veinlets, generally 1 to 3 cm thick but as large as 40 cm, with calcite, chlorite, epidote, and pyrite. Several quartz veins and also the quartz float in the "Q-Zone" also contain chalcopyrite, and small amounts of sphalerite, galena and tetrahedrite were noted in quartz float.

2 Mostly sandstone, feldspathic, hornfelsed, very hard. Bedding may be present, but other parts are massive, monotonous.

3 Rusty weathering (after weak pyrite), generally well-bedded mid to dark grey sediments, siltstone to sandstone, hornfelsed, hard. Probably better

regarded as a variant of unit 2, but separated here due to the distinctive rusty weathering. This area was previously described as a breccia but although breccia textures (possibly of sedimentary origin), are locally present their volume is small.

Diorite (Jurassic Unuk River Diorite Suite)

4 Pale grey diorite, medium to fine grained (1-2mm). Weathers grey-white , and forms rounded outcrops.

5 Altered diorite, developed after unit 4 close to the contact. Pepper and salt texture, fairly equigranular with 60-70% feldspar, remainder mostly amphibole. Distinctive greenish-grey colour due to pervasive and vein alteration by epidote, chlorite and calcite. Alteration blurs the original igneous textures and the unit can easily be mistaken for unit 1 in places. In particular, the contact on the east side of the grid between unit 1 and 5 is not well-fixed.

6 Fine grained, pale felsic quartz-diorite, late marginal dikes?

Dikes (intrude sediments and diorite)

A Pale beige felsic dike, soft, altered, possibly dacitic?

B Hornblende porphyry, coarse hornblende to 2cm, andesitic?

C Dark green altered (chloritic) andesite or fg diabase?

Till /gravels

Recent gravels cover a significant part of the mapped area, and include morainal gravels with boulders to 2.5m, fluvio-glacial gravels, and scree shed from steep bluffs. Variable snow cover also obscures much of the ground until July.

Prospecting of the grid area showed there were a number of quartz-calcite veins above the Q-Zone, but most are small and barren. One sample of quartz float from the Q-zone gave 89 g/t Au, another of a 14 cm quartz vein 42g/t Au, and a sample across the width of a new 10 cm quartz-pyrite-chalcopryrite vein contains 13.25 g/t Au (see map 1, table 3)

Drilling

Figs 4 to 6 show drill sections, the logs are in appendix 3, analyses are listed in table 3. It appears that steep shears with quartz-calcite veins continue through the zone, but those encountered in drilling are dissapointingly low in Au, they are fairly thin, and individually they appear to lack continuity. The zone of shearing and veining in the brittle hornfelsed sediments close to the diorite contact does seem to have some continuity, but the limited drilling done offers no encouragement that it contains a single gold-bearing vein or a system of gold veins of economic interest.

Table 3 ANALYTICAL RESULTS

LAB NO	FIELD NUMBER	DRILL INTERVAL		Au(5)	Au(2)
		from	(metres) to	ppb	g/t
R9908525	DRILLHOLE# 99-1	23.52	23.75		0.240
R9908526	DRILLHOLE# 99-1	49.38	49.88	7	
R9908527	DRILLHOLE# 99-1	49.88	50.38	16	
R9908528	DRILLHOLE# 99-1	50.38	50.78	31	
R9908529	DRILLHOLE# 99-1	50.78	51.28	10	
R9908530	DRILLHOLE# 99-1	51.28	51.78	41	
R9908531	DRILLHOLE# 99-2	42.05	42.20	21	
R9908532	DRILLHOLE# 99-2	75.78	76.28	29	
R9908533	DRILLHOLE# 99-2	76.28	77.28	27	
R9908534	DRILLHOLE# 99-2	77.28	77.78	34	
R9908535	DRILLHOLE# 99-3	68.54	69.04	27	
R9908536	DRILLHOLE# 99-3	69.04	69.54	12	
R9908537	DRILLHOLE# 99-3	69.54	70.10	18	
R9908538	DRILLHOLE# 99-3	70.10	70.60		<0.034
R9908539	DRILLHOLE# 99-3	70.60	71.10	20	
R9908540	DRILLHOLE# 99-6	33.83	34.83	15	
R9908541	DRILLHOLE# 99-6	34.83	35.83	24	
R9908542	DRILLHOLE# 99-6	35.83	36.83	7	
R9908543	DRILLHOLE# 99-6	36.83	37.83	9	
R9908544	DRILLHOLE# 99-6	37.83	38.83	28	
R9908545	DRILLHOLE# 99-6	38.83	39.83	32	
R9908546	DRILLHOLE# 99-6	39.83	40.83	120	
R9908547	DRILLHOLE# 99-6	40.83	41.83	39	
R9908548	DRILLHOLE# 99-6	41.83	42.83	65	
R9908549	DRILLHOLE# 99-6	49.86	50.55	18	
R9908550	DRILLHOLE# 99-7	31.60	32.60	11	
R9908551	DRILLHOLE# 99-7	32.60	33.60		0.103
R9908552	DRILLHOLE# 99-7	37.50	38.50	13	
R9908553	DRILLHOLE# 99-7	38.50	39.50	13	
R9908554	DRILLHOLE# 99-7	39.50	40.50	11	
R9908555	DRILLHOLE# 99-7	40.50	43.50	13	
R9908556	DRILLHOLE# 99-7	43.50	44.50	13	
R9908557	DRILLHOLE# 99-7	44.50	45.50	16	
R9908558	DRILLHOLE# 99-7	45.50	46.45	9	
R9908559	DRILLHOLE# 99-7	51.21	52.21	32	
R9908560	DRILLHOLE# 99-7	52.21	53.30	13	
R9908561	PCL #1 Qtz-calcite vein, in place			31	
R9908562	PCL #2 Qtz-calcite vein, in place			17	
R9908563	PCL #3 Qtz-calcite vein, in place				13.250
R9908564	PCL #4 Qtz-calcite vein, in place				42.000

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
 If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au(5) Fire Assay, Lead Collection / AA Finish (trace level) 20 gram
 Au(2) Fire Assay, Lead Collection / Gravimetric Finish (high grade) 1 A.T.

FIGURE 4

HOLE	DEPTH	DIP	AZIMUTH
99-01	76.02	-45	210°
99-02	85.34	-60	210°
99-03	81.08	-45	170°

X SECTION
 DRILLHOLES 99-01 to 99-03
 VIEW 300 TRUE (along vein system)

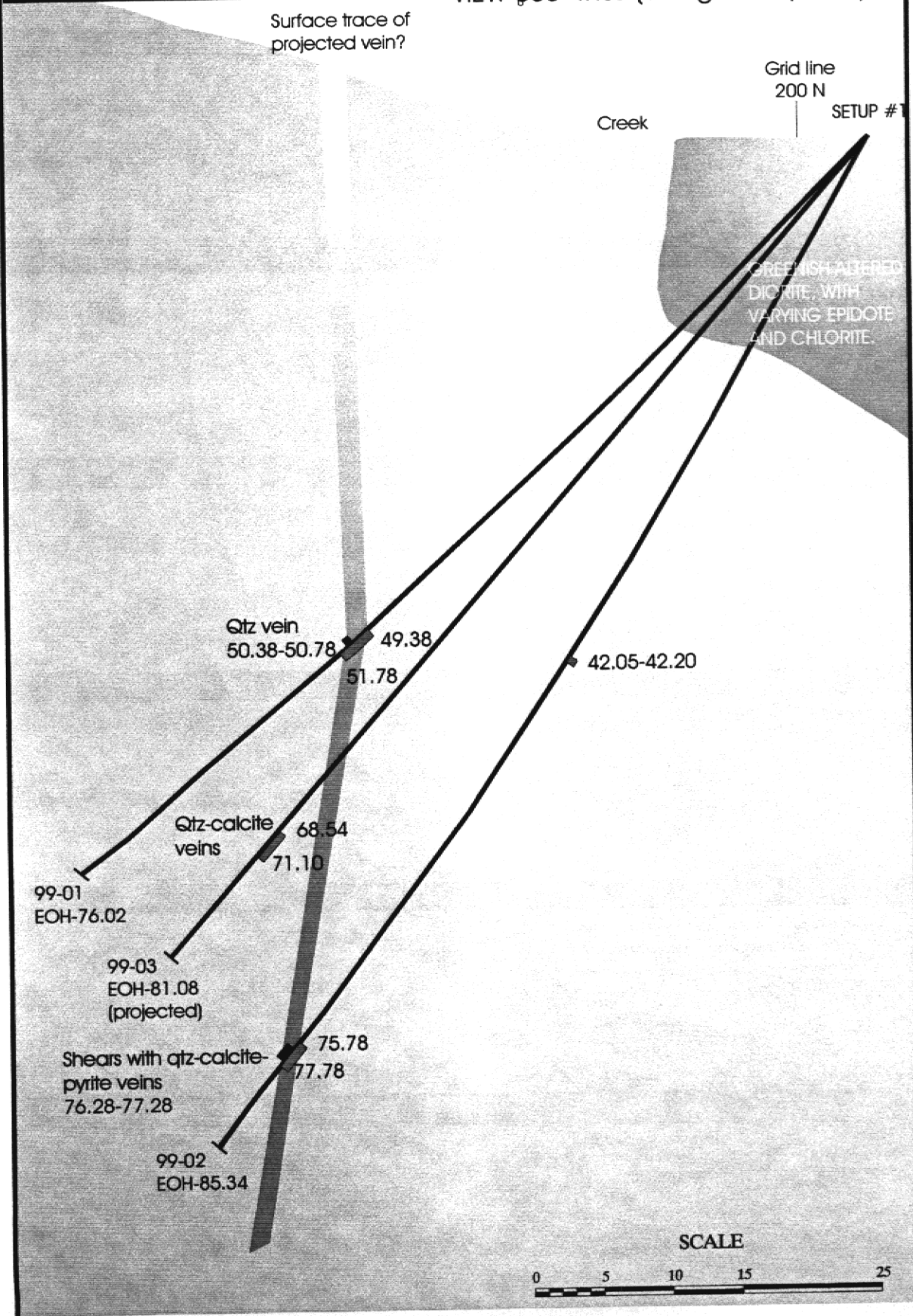


FIGURE 5

HOLE	DEPTH	DIP	AZIMUTH
99-04	15.38	-45	210°
99-05	15.38	-60	210°

X SECTION
DRILLHOLES 99-04, 99-05
VIEW 300° TRUE (along vein)

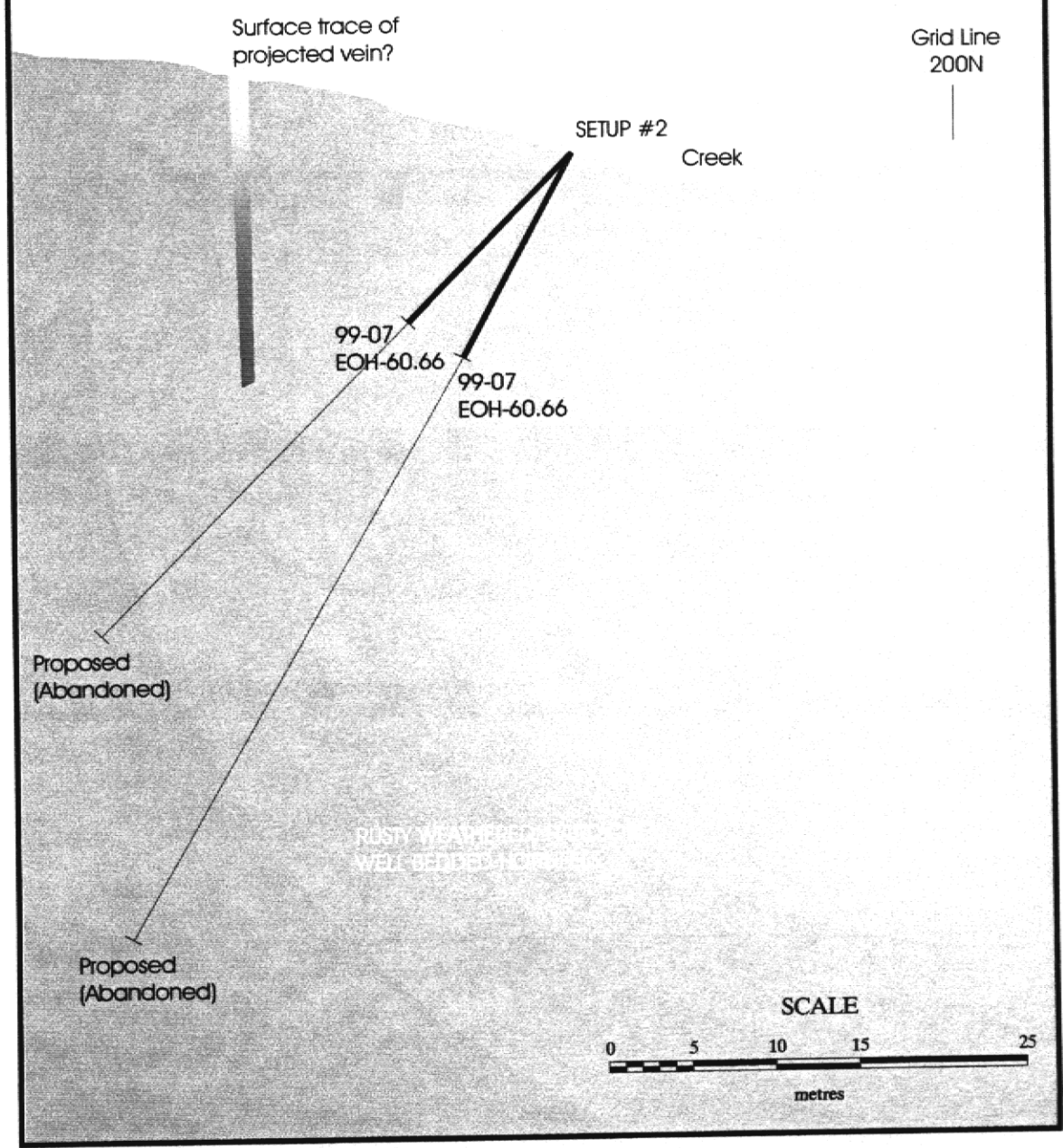
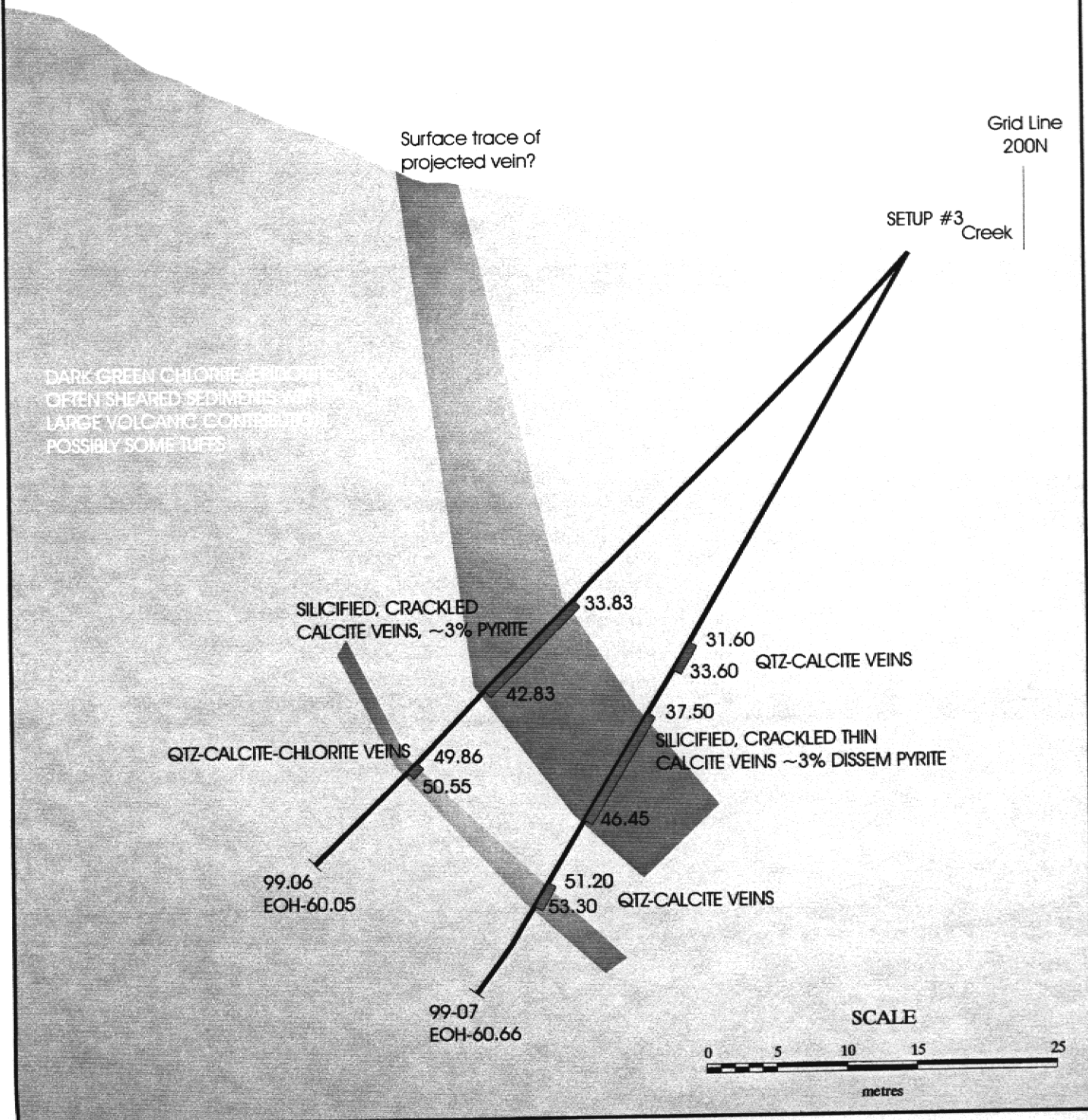


FIGURE 6

HOLE	DEPTH	DIP	AZIMUTH
99-06	60.05	-45	210°
99-07	60.66	-60	210°

X SECTION
 DRILLHOLES 99-06, 99-07
 VIEW 300° TRUE (along vein)



SUMMARY AND CONCLUSIONS

1 In the area covered by the Quill claims published regional mapping shows a Jurassic diorite pluton of the Unuk River Diorite Suite intrudes Upper Triassic Stuhini Group sediments. Gold-bearing quartz float has been known from the claims since 1990 in the area first called the "Golden Jade", and later the "Q-Zone". Veins that might be the source of this float were discovered by Homestake Canada Inc in 1998, within the contact metamorphic aureole of the diorite.

2 Re-sampling of quartz float, of one quartz vein discovered by Homestake, and of another found in the course of mapping, confirmed that there are quartz veins with significant gold contents in the area of the "Q-Zone", both as float and in situ. These veins are, however, of small size (10 to 15 cm thick) and appear to lense out within several metres. It appears that such veins could well be the source of the gold-bearing float in the "Q Zone". In 1990 Pamicon suggested a local source for this float because of the angularity of the blocks, and it could also be noted that the float is fairly common within a very restricted area, again suggesting a local source. In 1998 Homestake located several gold-bearing veins only about 50 to 80 m directly uphill from the Q-Zone float, fragments of which could have been transported downhill by stream action or by gravity into the float area. The veins and float also share mineralogical similarities, sometimes containing significant pyrite and chalcopyrite. Other evidence that strengthens this suggestion is that no quartz float like the Q-zone blocks was found during prospecting above about 100m uphill (above about 1490m elevation) from the Q-Zone float, although small barren quartz-calcite veins lacking sulphide are often present in situ in this area. From these several indications, it is concluded that the Q-zone float probably derives from the same lensy quartz veins that have been found on the hillside above, or similar veins nearby not yet discovered under snow or gravel cover.

3 It was thought possible that the zone of sheared, altered and brittle sediments that contains the gold-bearing quartz veins might contain a larger gold-bearing main vein, or continuous zone of veins, perhaps with some similarities to the deposit at the Snip Mine 35 km to the NW. A small drill program using a light-weight drill was therefore carried out on the zone within about 50 m of the contact to test this possibility.

4 Seven short holes were drilled, totalling 394.85m. Four were completed at their planned depths between 60.05m and 85.34m, and two were abandoned at 15.38m due to drilling problems. These holes explored an approximately 100 m length of the area containing the known quartz veins above the Q-Zone.

5 Although several quartz veins of narrow width (up to 40cm), and zones of quartz-calcite veining, silicification and shearing ,were encountered in drilling, no continuous vein or system of veins was found. As well, analysis showed all veins and zones of possible interest to contain low gold values. Most analyzed core intervals contain less than 120 ppb Au, with the highest 3 samples giving 0.24 g/t Au over 23cm, <0.34 g/t over 50cm , and 0.103 g/t Au over 1m. These values are well below the levels found in surface veins and float.

6 It is concluded that, although the area drilled is known to contain quartz veins with high gold levels, it is unlikely to contain a gold-bearing quartz vein with good continuity, or even a connected zone of veins, of any economic significance. It is most probable that undiscovered veins will resemble those found on surface, which are sporadic, thin and lense out within several metres.

RECOMMENDATIONS

Petra Resources did not recommend any further work on the Quill Project and dropped their option on the property. Any subsequent work should include a drill rig that is capable of penetrating the shear zones that may host the gold-quartz vein. One zone that should still be investigated is the breccia zone that outcrops in the area of high-grade float (the Q-Zone).

APPENDIX I

STATEMENT OF COSTS MAJOR INVOICES

Trial Balance as at NOVEMBER 30, 1999

Print Trial Balance from account [] to [zzzzz2]
 for department [BCQUIL] to [BCQUIL]
 for the YTD fiscal period ending [11]
 with the report sorted by (Account).
 (Include) accounts with no activity.

			Trial Balance	
Acct.	Dept.	Description	Debits	Credits
950	BCQUIL	DC/BC-QUILL	27.80	
3164	BCQUIL	ADMN/WRITE OFF MINERAL PROPERT		94,362.64
3320	BCQUIL	DRAFTING/SUPPLIES	0.00	
4103	BCQUIL	GEOLOGY/CONTRACTORS	12,625.00	
4120	BCQUIL	GEOLOGY/SUPPLIES	257.49	
4125	BCQUIL	GEOLOGY/DRAFTING, REPORTS	41.59	
4143	BCQUIL	GEOLOGY/HELICOPTER CHARTER	19,456.00	
4145	BCQUIL	GEOLOGY/FREIGHT, COURIER	25.92	
4146	BCQUIL	GEOLOGY/TRAVEL	890.00	
4150	BCQUIL	GEOLOGY/ACCOMMODATION	388.19	
4151	BCQUIL	GEOLOGY/FOOD	62.57	
4330	BCQUIL	GEOCHEMISTRY/ASSAYS	801.00	
5002	BCQUIL	DRILLING/CONTRACTORS	36,276.80	
5020	BCQUIL	DRILLING/SUPPLIES	90.20	
5034	BCQUIL	DRILLING/CAMP OPERATIONS	22,500.00	
5043	BCQUIL	DRILLING/HEICOPTER	443.90	
5046	BCQUIL	DRILLING/TRAVEL	293.40	
5050	BCQUIL	DRILLING/ACCOMMODATION	131.51	
5051	BCQUIL	DRILLING/FOOD	51.27	
			<u>94,362.64</u>	<u>94,362.64</u>
Net income for accounts listed				27.80

19 accounts printed.

General Ledger Listing as of NOVEMBER 30, 1999

G/L listing for account [] to [zzzzzz],
 for department [BCQUIL] to [BCQUIL],
 for fiscal period [1] to [11],
 sorted by (Account).
 (Include) accounts with no activity.
 Printed in (Standard) format.

Last posting sequence number: 109

Acct.	Dept.	Pd	Src	Date	Description	Reference	Debits	Credits	Net Change	Balance
950	BCQUIL				DC/BC-QUILL					27.80 *
3164	BCQUIL				ADMN/WRITE OFF MINERAL PROPERT					0.00
		9	GL-	0 Sep 30 99	WRITE OFF/QUILL PROPERTY	JE 9-6		94,334.84		
		9	GL-	0 Sep 30 99	WRITE OFF/QUILL PROPERTY	JE 9-6		27.80	94,362.64-	94,362.64- *
3320	BCQUIL				DRAFTING/SUPPLIES					0.00 *
4103	BCQUIL				GEOLOGY/CONTRACTORS					0.00
		5	AP-IN	May 28 99	7- 7- 35 L. JOHN PETER MAY/99		250.00		250.00	250.00
		6	AP-IN	Jun 30 99	8- 8- 2 L. JOHN PETER JUN/99		2,000.00		2,000.00	2,250.00
		8	AP-IN	Aug 24 99	19- 19- 6 MICRON GEOLOG AUG/99		7,500.00			
		8	AP-IN	Aug 31 99	18- 18- 1 L. JOHN PETER AUG/99		2,625.00		10,125.00	12,375.00
		9	AP-IN	Sep 30 99	23- 23- 3 L. JOHN PETER SEP/99		250.00		250.00	12,625.00 *
4120	BCQUIL				GEOLOGY/SUPPLIES					0.00
		9	AP-IN	Sep 20 99	22- 22- 14 PATHFINDER RE 99-81		257.49		257.49	257.49 *
4125	BCQUIL				GEOLOGY/DRAFTING, REPORTS					0.00
		7	AP-IN	Jul 31 99	16- 16- 5 DONALD G. WIL EXRPT/JUL99		37.31		37.31	37.31
		9	AP-IN	Sep 20 99	22- 22- 14 PATHFINDER RE 99-81		4.28		4.28	41.59 *
4143	BCQUIL				GEOLOGY/HELICOPTER CHARTER					0.00
		7	AP-IN	Jul 27 99	20- 20- 2 NORTHERN MOUN 12712		1,242.92		1,242.92	1,242.92 ←
		8	AP-CN	Aug 31 99	21- 21- 3 NORTHERN MOUN 900740			1,242.92		
		8	AP-IN	Aug 31 99	22- 22- 11 NORTHERN MOUN 13262		19,456.00		18,213.08	19,456.00 ←
4145	BCQUIL				GEOLOGY/FREIGHT, COURIER					0.00
		8	AP-IN	Aug 27 99	22- 22- 8 LOOMIS COURIE EK0452 357		19.37		19.37	19.37
		9	AP-IN	Sep 20 99	22- 22- 14 PATHFINDER RE 99-81		6.55		6.55	25.92 *
4146	BCQUIL				GEOLOGY/TRAVEL					0.00
		7	AP-IN	Jul 30 99	20- 20- 1 QUADRA CONSTR 2361		890.00		890.00	890.00 *
4150	BCQUIL				GEOLOGY/ACCOMMODATION					0.00
		7	AP-IN	Jul 31 99	16- 16- 5 DONALD G. WIL EXRPT/JUL99		388.19		388.19	388.19 *
4151	BCQUIL				GEOLOGY/FOOD					0.00
		7	AP-IN	Jul 31 99	16- 16- 5 DONALD G. WIL EXRPT/JUL99		62.57		62.57	62.57 *
4330	BCQUIL				GEOCHEMISTRY/ASSAYS					0.00
		9	AP-IN	Sep 01 99	22- 22- 1 COMINCO LTD. V-0821		801.00		801.00	801.00 ← *

General Ledger Listing as of NOVEMBER 30, 1999

Acct.	Dept.	Pd	Srcce	Date	Description	Reference	Debits	Credits	Net Change	Balance
5002	BCQUIL				DRILLING/CONTRACTORS					0.00
		8	AP-IN	Aug 13 99	19- 19- 4 FALCON DRILLI 1		36,276.80		36,276.80	36,276.80 ←
5020	BCQUIL				DRILLING/SUPPLIES					0.00
		8	AP-IN	Aug 30 99	19- 19- 5 PETER LECOUTE EXRPT/AUG99		90.20		90.20	90.20 *
5034	BCQUIL				DRILLING/CAMP OPERATIONS					0.00
		8	AP-IN	Aug 13 99	19- 19- 4 FALCON DRILLI 1		22,500.00		22,500.00	22,500.00 ←
5043	BCQUIL				DRILLING/HELICOPTER					0.00
		7	AP-IN	Jul 30 99	20- 20- 3 NORTHERN MOUN 12979		10,919.94		10,919.94	10,919.94 ←
		8	AP-CN	Aug 31 99	21- 21- 3 NORTHERN MOUN 900740			10,919.94		
		8	AP-IN	Aug 13 99	19- 19- 4 FALCON DRILLI 1		443.90		10,476.04-	443.90 *
5046	BCQUIL				DRILLING/TRAVEL					0.00
		8	AP-IN	Aug 30 99	19- 19- 5 PETER LECOUTE EXRPT/AUG99		293.40		293.40	293.40 *
5050	BCQUIL				DRILLING/ACCOMMODATION					0.00
		8	AP-IN	Aug 13 99	19- 19- 4 FALCON DRILLI 1		69.55			
		8	AP-IN	Aug 30 99	19- 19- 5 PETER LECOUTE EXRPT/AUG99		61.96		131.51	131.51 *
5051	BCQUIL				DRILLING/FOOD					0.00
		8	AP-IN	Aug 30 99	19- 19- 5 PETER LECOUTE EXRPT/AUG99		51.27		51.27	51.27 *
							106,497.70	106,525.50		

29 transactions printed.
 19 accounts printed.

INVOICE



DATE	NUMBER	G.S.T. #
1-Sep-99	V-0821	R101063576

TERMS	PAGE
UPON RECEIPT	1 of 1

REC'D / RECEIVED
 - 3 -09- 1999

BILL TO:	REMIT TO:
PETRA RESOURCES ATTENTION: Peter LeCouteur #1550 - 409 Granville Street Vancouver, B.C. V6C 1T2	COMINCO LTD. Exploration Research Laboratory ATTENTION: Susie Woo 1486 East Pender Street Vancouver, B.C. V5L 1V8

E.R.L. JOB NO.	CLIENT REF./I.D.	JOB COST \$	G.S.T. @ 7% \$	NET COST \$
V990504R	QUILL	21.50	1.51	23.01
V990514R	QUILL 2	21.50	1.51	23.01
V990585R	99-1,2,3,6,7	758.00	53.06	811.06
SUBTOTAL		801.00	56.08	\$ 857.08
TOTAL G.S.T.				
AMT PAYABLE				



P. LeCouteur,
Micron Geological Ltd
4900 Skyline Dr, Nth Vancouver,
BC, Canada, V7R 3J3

D. Willoughby,
President, Petra Resources Corp,
1550- 409 Granville St, Vancouver, BC,
Canada, V6C 1T2

August 24, 1999

August

Dear Sir,

Please accept this invoice for geological work on Petra's "Quill" property in July and August.

- July 15 Travel Vancouver to Stewart
- 16 Visit property, return to Vancouver

- July 28 Travel Vancouver to Prince George
- 29 Travel PG to Bob Quinn Camp
- 30 Travel to km 53 on Eskay Rd, mobilize by helicopter to drill camp
- 31 Complete camp setup, layout drill site
- 1 Start DDH 99-1
- 2 Complete 99-1 @ 76.2m, start 99-2
- 3 Complete 99-2 @ 85.34m, start 99-3
- 4 Drilling 99-3
- 5 Drilling 99-3
- 6 Complete 99-3 @ 81.08m, move to 99-4
- 7 Drill 99-4 to 15.85m, abandon, start 99-5, abandon @ 15.85m
- 8 Move to 99-6
- 9 Complete 99-6 @ 60.05m, start 99-7
- 10 Complete 99-7 @ 60.66m
- 11 Demobilize to km 53 by helicopter, travel to Terrace
- 12 Travel to Prince George by truck, Vancouver by air
- 13 Office work
- 18 Saw core, samples in for analysis, office work



Total days= 20 @ \$375/day= \$7,500
GST @ 7% = \$ 525

301 4103

Total = \$8,025

If the above is satisfactory please have a cheque made to Micron Geological Ltd for \$8,025. Thank you ,

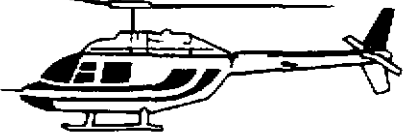
Yours sincerely,
P. LeCouteur
Peter LeCouteur,
President, Micron Geological Ltd

OK - JW.

Northern Mountain Helicopters Inc. 09-1999

Main Office: P.O. Box 368, Prince George, British Columbia, Canada V2L 4S2

REQD/RECEIVED
09-1999



Telephone (250) 963-1200
Fax (250) 963-9015

CUSTOMER: PETRA RESOURCE CORP.
1550 - 409 GRANVILLE ST.
VANCOUVER, BC
V6C 1T2

INVOICE NO: 013262
INVOICE DATE: 08/31/1999
CUSTOMER NO: DPETRES

PO NO: REVISED INVOICE

DATE OF SERVICE	FLIGHT TICKET	REG. #	TYPE OF AIRCRAFT	DESCRIPTION	#	RATE	AMOUNT
08/31/1999	N		GRYT HUGHES 500D	WET - FLIGHT HOURS	25.6 HR	760.00	19,456.00

Handwritten notes:
C103
DTC
10/15/99
10/15/99



SUBTOTAL 19,456.00
TOTAL GST (#R120966635) 1,361.92
TOTAL DUE 20,817.92

*****PLEASE INDICATE YOUR CUSTOMER # DPETRES ON YOUR PAYMENT*****

TERMS: 30 DAYS NET
INTEREST AT 1 1/2% PER MONTH (18% PER ANNUM) CHARGED ON OVERDUE ACCOUNTS

PLEASE RETURN REMITTANCE
ADVICE WITH PAYMENT

Falcon Drilling Ltd.

P.O. Box 2520
3549 Opie Crescent
Prince George, B.C., Canada
V2N 2S6
Phone (250) 564-7786
Fax (250) 562-5937

INVOICE

INVOICE NO: 001
DATE: August 13, 1999

To: Petra Resource Corp.
1550 - 409 Granville Street
Vancouver, BC
V6C 1T2

Ship To: Petra Resource Corp.

ATTENTION	REFERENCE	JOB NAME	JOB NUMBER	GST NUMBER	TERMS
Don Willoughby		Quill Property	3005	10173-3640 RT	On Receipt

DESCRIPTION	TOTAL
CAMP COST	\$ 22,500.00
DRILLING	36,276.80
HELICOPTER CHARGES	443.90
ROOM CHARGES	69.55
	SUB TOTAL 59,290.25 ✓
	GST 4,150.00 ✓
	PST 0.00
	TOTAL DUE \$ 63,440.25 ✓

Please make all cheques payable to: Falcon Drilling Ltd.

If you have any questions concerning this invoice,
please contact Joan Kleinsteuber at (250) 564-7786

THANK YOU FOR YOUR BUSINESS!

APPENDIX II

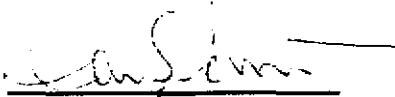
STATEMENT OF AUTHOR'S QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ALLAN R. ST. JAMES, DO HEREBY CERTIFY THAT :

- I have been a resident of British Columbia since 1996.
- I am a graduate of Carleton University, Ottawa and obtained a B.Sc. degree in 1971.
- I have been employed as a geologist for approximately 24 years.
- I am the owner of the Quill Claims located in the Skeena Mining Division, British Columbia and have visited the property twice in 1995 and once in 1998.

June 28th, 2000.


(Allan R. St. James)

STATEMENT OF LOGGER'S QUALIFICATIONS

I, Peter C. LeCouteur of the District of North Vancouver, in the Province of British Columbia, do certify that:

- 1 I graduated from the University of Auckland(NZ) with degrees of B.Sc (1964), and M.Sc. (1967), and from the University of British Columbia with a Ph. D. (1972)
- 2 I have been a Fellow of the Geological Association of Canada since 1969, and a Professional Engineer of the Province of British Columbia since 1971.
- 3 I have been a practising geologist in mineral exploration since 1973.
- 4 I was responsible for the information contained in the logs for the Quill Property 1999 drilling program.



APPENDIX III

DRILL LOGS

PETRA RESOURCE CORP

Quill Project **Hole No 99-6**

Contractor : Falcon Drilling Ltd

Core stored at : site Nanawas

Date started : AUG 8

Northing : 189 m

Date completed : AUG 9

Easting : 577 m

Elevation: 1448 m

Core size : ATW

Casing length : _____ m in/out

Length: 60.05 m

Azimuth: 210°

Dip: 45

Acid tube dip tests

Logged by : PCL

Date : AUG 9

depth	etch angle	true dip
0		45
60.05	Test tube broken	

OBJECTIVE OF HOLE

SUMMARY LOG

From m	To m	Int m	Unit
0.0	60.05	60.05	1

SIGNIFICANT ASSAYS

From m	To m	Int m	True int m	Au g/t	Ag g/t	Cu %

Handwritten signature

APPENDIX IV

ANALYTICAL REPORTS

PETRA RESOURCES-X99

Job V 990585R

99-1,2,3,6,7


Report date: 27 AUG 1999

LAB NO	FIELD NUMBER	DRILL INTERVAL		Au(5)	Au(2)
		from (metres)	to	ppb	g/t
R9908525	DRILLHOLE# 99-1	23.52	23.75		0.240
R9908526	DRILLHOLE# 99-1	49.38	49.88	7	
R9908527	DRILLHOLE# 99-1	49.88	50.38	16	
R9908528	DRILLHOLE# 99-1	50.38	50.78	31	
R9908529	DRILLHOLE# 99-1	50.78	51.28	10	
R9908530	DRILLHOLE# 99-1	51.28	51.78	41	
R9908531	DRILLHOLE# 99-2	42.05	42.20	21	
R9908532	DRILLHOLE# 99-2	75.78	76.28	29	
R9908533	DRILLHOLE# 99-2	76.28	77.28	27	
R9908534	DRILLHOLE# 99-2	77.28	77.78	34	
R9908535	DRILLHOLE# 99-3	68.54	69.04	27	
R9908536	DRILLHOLE# 99-3	69.04	69.54	12	
R9908537	DRILLHOLE# 99-3	69.54	70.10	18	
R9908538	DRILLHOLE# 99-3	70.10	70.60		<0.034
R9908539	DRILLHOLE# 99-3	70.60	71.10	20	
R9908540	DRILLHOLE# 99-6	33.83	34.83	15	
R9908541	DRILLHOLE# 99-6	34.83	35.83	24	
R9908542	DRILLHOLE# 99-6	35.83	36.83	7	
R9908543	DRILLHOLE# 99-6	36.83	37.83	9	
R9908544	DRILLHOLE# 99-6	37.83	38.83	28	
R9908545	DRILLHOLE# 99-6	38.83	39.83	32	
R9908546	DRILLHOLE# 99-6	39.83	40.83	120	
R9908547	DRILLHOLE# 99-6	40.83	41.83	39	
R9908548	DRILLHOLE# 99-6	41.83	42.83	65	
R9908549	DRILLHOLE# 99-6	49.86	50.55	18	
R9908550	DRILLHOLE# 99-7	31.60	32.60	11	
R9908551	DRILLHOLE# 99-7	32.60	33.60		0.103
R9908552	DRILLHOLE# 99-7	37.50	38.50	13	
R9908553	DRILLHOLE# 99-7	38.50	39.50	13	
R9908554	DRILLHOLE# 99-7	39.50	40.50	11	
R9908555	DRILLHOLE# 99-7	40.50	43.50	13	
R9908556	DRILLHOLE# 99-7	43.50	44.50	13	
R9908557	DRILLHOLE# 99-7	44.50	45.50	16	
R9908558	DRILLHOLE# 99-7	45.50	46.45	9	
R9908559	DRILLHOLE# 99-7	51.21	52.21	32	
R9908560	DRILLHOLE# 99-7	52.21	53.30	13	
R9908561	PCL #1			31	
R9908562	PCL #2			17	
R9908563	PCL #3				13.250
R9908564	PCL #4				42.000

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
 If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au(5) Fire Assay, Lead Collection / AA Finish (trace level) 20 or 30 grams
 Au(2) Fire Assay, Lead Collection / Gravimetric Finish (high grade) 1 A.T.


 Certified B.C. Assayer, Steve Clark
 Cominco Exploration Research Lab

PETRA RESOURCES-X99

Job V 99-0514R

QUILL 2

Report date 6 AUG 1999

LAB NO	FIELD NUMBER	Au(2) g/t	Ag(2) g/t
R9907373	QUILL FLOAT	89.315	18.8

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Au(2) Fire Assay, Lead Collection / Gravimetric Finish (high grade) 1 A.T.
Ag(2) Acid decomposition / AAS

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/t	Ag g/t	Cu %
m	m	%		M										
39.62	1.52				25									
41.15	1.52				26-20m 2cm qtz vn 60 to CA									
42.67	1.52													
44.20	1.52													
45.72	1.49				28-80-29 40 66% py pyrite disse									
47.24	1.52				30									
48.77	1.47													
50.29	1.55													
51.82	1.50													
53.34	1.50				34-58 2cm qtz vein 34-59-59-77 35 qtz-chlorite-py 1-3mm veins									
54.86	1.47													
56.39	1.48													
57.81	1.42				36-54-37-20 - qtz 8% py vein or shaded zone									
59.44	1.46													
60.96	1.52				38-42 1cm qtz vn 85 to CA									
62.48	1.40				40									
64.01	1.50				40-65 1cm qtz vn 85 to CA									
65.53	1.40				41-66 2cm qtz- chlorite vein									
67.06	1.25				42-95 80 to CA 43-90 44-95 2cm pyrite epidote vein 50 to CA									
68.58	1.52				45 1.5cm qtz vein 60 to CA									
70.10	1.58				44-58 2cm qtz-chlorite vn 60 to CA									
71.63	1.45													
73.15	1.52													
74.68	1.52				47-71-48-34 5% pyrite disse									
76.20	1.52													
EOH					50 44-50-05 4% py epidote 4% py									

3mm
py-epidote
vein
3mm py-
chlorite
vein

Fg < 2mm
Greenish-grey (pale to dark)
more or less porphyritic
on a fine scale
Pervasively altered by
epidote and has epidote
and calcite veinlets
throughout usually 1-3mm
and at all angles to core
axis
Matrix is probably
tuffaceous, perhaps
also sediments of volcanic detritus
Several sections with
qtz-calcite veining, as
noted.
Lignite common throughout
as fine disseminations
to 2-3%, but also to 6% locally
as small streaks and
lenses to a cm long,
rarely as veins / up
to 2cm at ~~top~~
Zones of broken core
with poor recovery throughout
usually with rusty brown weathering

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %	
m	m	%		M											
				50	50.38 qtz-calate	2 dead? } 1/2 metres	49.38	49.88							
				50.78	Vein		49.88	50.38							
					70-80 to CA	2 dead? } 1/2 metres	50.38	50.78							
					<5% fine py minor chlorite Some calcite is pink.		50.78	51.28							
				55	py streaks 1 mm										
				56.87	qtz-calate in 2cm 80 to CA										
				59.72	2cm qtz-calate in 40 to CA										
				60											
					pyrite veinlets 2mm	From 55-76 See variations in colour and grain size. Veat are likely due to bedding. Mostly at high angles to core axis, but poorly developed.									
				65											
				66.91	Calate Vein										
				67.06											
					5% py f g disc 20cm										
				70	20cm 5% py										
					Crude Bedding 80-90 to CA										
				75											

discrete?
disk

26.02
2061 (add P 4)

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag	From	To	Int	Rec	True Int	Au	Ag	Cu
m	m	%		M		#	m	m	m	%	m	g/ t	g/ t	%
44.20	1.51			25										
45.72	1.48				series of									
47.24	1.52			26.80	calcite veins									
48.77	1.52			27.32	1-4 mm									
50.29	1.51				20-60 to									
51.82	1.50			30	core axis									
53.34	1.46													
54.86	1.48													
56.39	1.39													
57.91	1.51													
59.44	1.52			35										
60.96	1.48													
62.48	1.51													
64.01	1.49													
65.53	1.52													
67.06	1.52			40										
68.58	1.53													
70.10	1.50				42.05		42.05	42.20						
71.63	1.52				qtz calcite									
73.15	1.51				chlorite vns									
74.68	1.51				42.20									
76.20	1.32				make up 50									
77.72	1.52				of interval									
79.25	1.32				43.07-43.15									
80.77	1.42				43.40-43.75									
82.30	1.53													
83.82	1.52			45										
85.34	1.32			50										

42.57
calcite-qtz
vns
20 to CA

Zones with series of qtz-calcite-chlorite
veins 1mm-1cm 40 to 80 to CA

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %
m	m	%		M										
1.52	0.86		5	0	1mm py in									
3.05	1.48			1.86-1.93	10% coarse lenticles of pyrite to 2cm									
4.57	1.48													
6.10	1.25													
7.62	1.48													
9.14	1.49				5	Typical speckled lithology ~1mm								
10.67	1.52					Many small fractures								
12.19	1.04					Epидate throughout 5-8%								
13.72	1.38													
15.24	1.49													
16.76	1.53			10	Contact ~80°									
18.29	1.49			11.05	to CA									
19.81	1.52				Band of f.g. green sed?									
21.34	1.52													
22.86	1.50													
24.38	1.45			15	14.80-14.84									
25.91	1.53				15.26 4cm calcite vn 85 to CA									
27.48	1.41				16.60-63									
28.96	1.47				Zone of 3mm calcite vns 30 to CA									
30.48	1.51													
32.00	1.51		5	20										
33.53	1.47													
35.05	1.52				21.18-21.20	2 of 5mm qtz calcite-epidote-py vns 45° to CA								
36.58	1.52													
38.10	1.52					23.26-23.60 5mm qtz - calcite vn 5° to CA								
39.62	1.43					23.68-23.75 2cm qtz - calcite - epidote vns 40° to CA								
41.15	1.52				25	1cm py lens 46-53								

3mm py vns 30 to CA

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag	From	To	Int	Rec	True Int	Au	Ag	Cu	
m	m	%		M		#	m	m	m	%	m	g/t	g/t	%	
42.67	1.50														
44.20	1.46														
45.72	1.52														
47.24	1.52		5												
48.77	1.52				28.90	1cm calcite 50 to CA									
50.29	1.47														
51.82	1.50														
53.34	1.66														
54.86	1.38														
56.39	1.52														
57.91	1.52														
59.44	1.35														
60.96	1.51														
62.48	1.51														
64.01	1.35														
65.53	1.51														
67.06	1.52														
68.58	1.51														
70.10	1.48														
71.63	1.45														
73.15	1.48		5												
74.68	1.37														
76.20	1.48														
77.72	1.48														
79.25	1.51														
80.77	1.47														
81.08	1.40														

5

5

48.95
2cm
qtzvn
70 to CA

28.90 1cm calcite
50 to CA

30
31.05-31.55
2mm calcite
5 to CA mostly

38.50
Zone with 5% coarse amphibole to 1cm
40 (inclusion of dillee)
40.10

47.68-48.05
8qtzvn to 5mm
1/4 of internal zone to CA

Typical mixed
speckled unit.
Usually 5% epidote
and 1-3% pyrite
Epidote locally
15% over 10 cm

Block	Recovery	Recovery	Contacts,	units	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %
m	m	%		M											
					50	50.10-50.40 5% py as 1mm cherts									
						52.37 Several calcite									
						52.80 veins to 6 mm									
						54.74 1cm qtz-calcite vn 20° to core axis									
					55										
						57.27 fine grained green rock									
						Shear zone broken core									
						rusty fractures minor thin									
						Calcite veins									
						62.30									
						62.53 coarse horizontal porphyritic anastomosing fracture									
					65										
						67.60-67.66 calcite-calcite 3cm 50 to CA									
						qtz trace py vn		68.54	69.04						
								69.04	69.54						
						69.54-69.90 Qtz-calcite vein 7cm and gouge below, poor recovery		69.54	70.10						
								70.10	70.60						
								70.60	71.10						
						73.50 5mm Calcite vn 20 to CA									
					75										

2cm
pyrite lens

5

5

zone?
→

Qtz vein
Section →

Shear zone
70 to CA

Block m	Recovery m	Recovery %	Contacts, units M	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %
0.91	0.40			0										
2.44	1.38													
3.96	1.51													
5.49	1.45				bedding 50 to CA									
7.01	1.51													
8.53	1.46			5										
10.06	1.21													
11.58	0.60				bedding 20 to CA									
13.11	1.37													
14.63	1.48													
16.15	1.51			10										
17.07	1.01													
17.98	0.80													
18.59	0.52													
20.12	1.27				13-20 bedding 50 to CA									
21.64	0.87			15										
22.86	1.50			15.50										
23.77	1.15				shearing 45 to CA									
24.99	1.15													
26.21	1.00													
26.82	0.40				shearing 40 to CA									
28.04	1.12			20										
24.26	1.06			20.12										
30.78	0.60													
32.31	1.18													
32.91	0.40													
33.83	0.15			25										

17.80
 Broken, mostly poor
 recovered 17.80 - 46.0m

Mostly coarse-grained
 sandstone phase,
 feldspathic 2-3 mm
 grain size. Some finer
 darker interbeds
 Bedded. Epidote
 throughout, mostly
 as 1-2mm veinlets

 From 13.70 finer
 grained green sd
 predominates

 Minor calcite veins
 parallel to shears, also
 some thin qtz lenses (bedded)

 Mix of fine grained green
 and sandy phases
 from 20.12 - 33.83

Block	Recovery	Recovery	Contacts, units	Min, structure	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %
m	m	%		M										
35.36	1.05			25										
36.88	1.35													
38.40	1.45													
39.93	1.30													
41.45	0.30			28.0 Shearing Breccia										
42.98	1.40			29.0										
44.50	0.60			30										
46.02	0.90													
47.58	1.10													
49.07	1.51			33.83										
50.60	1.51			35	33.83-42.98		33.83	34.83						
52.12	1.51				Hard, pale grey altered looking thin calcite crackle veins		34.83	35.83						
53.64	1.52				A few % pyrite as fine-grained disseminations and veinlets		35.83	36.83						
55.17	1.45						36.83	37.83						
56.69	1.51						37.83	38.83						
58.21	1.51			40			38.83	39.83						
59.75	1.47						39.83	40.83						
60.05	0.30						40.83	41.83						
E04				42.98	42.98-46.05		41.83	42.83						
				B	Broken rubble, fine sandstone									
				45										
				46.05										
				46.88	46.05-60.05									
				47.60	Mostly fine grained green sediment									
				48.35										
				50			49.83	50.55						
				50.86	qtz-calcite-chlorite veins to 5cm									
				50.55										

Broken, rusty cone

↓
Mud? 52.12?

Block m	Recovery m	Recovery %	Contacts, units	Min, structure M	Description	Tag #	From m	To m	Int m	Rec %	True Int m	Au g/ t	Ag g/ t	Cu %
0.91	0.45			0										
2.44	1.51													
3.96	1.40													
5.49	1.51													
5.71	1.49													
8.53	1.42													
10.06	1.49													
11.28	1.22													
12.50	1.18													
13.11	0.45													
14.63	1.48													
16.15	1.34													
17.68	1.52													
19.20	1.51													
20.72	1.52													
22.25	1.51													
24.17	1.51													
24.29	0.70													
25.20	0.40													
26.82	1.51													
27.13	0.20													
28.57	0.20													
29.87	1.14													
31.39	1.48													
32.92	1.51													
34.44	1.51													
35.97	1.51													

Bedding 60° to CA
 27 3mm py vn
 367 Rusty gouge
 4-70
 5

14-33
 15 Bedding 50 to CA
 Bedding 40 to CA
 18-17
 3mm py vn

19-93
 Shear
 3mm calcite
 20
 20-80 Rusty
 21-20 fractures

23-55-23-75
 Shear with Qtz
 lenses 45 to CA
 25

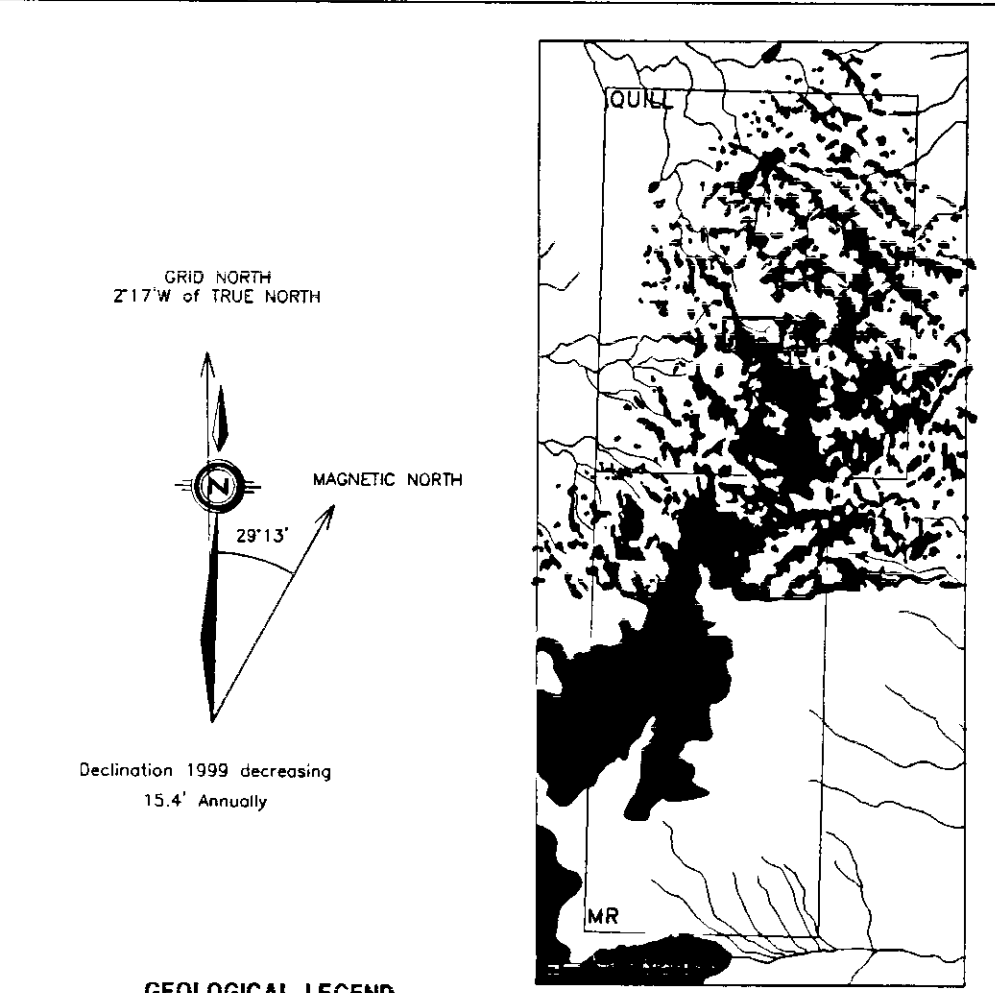
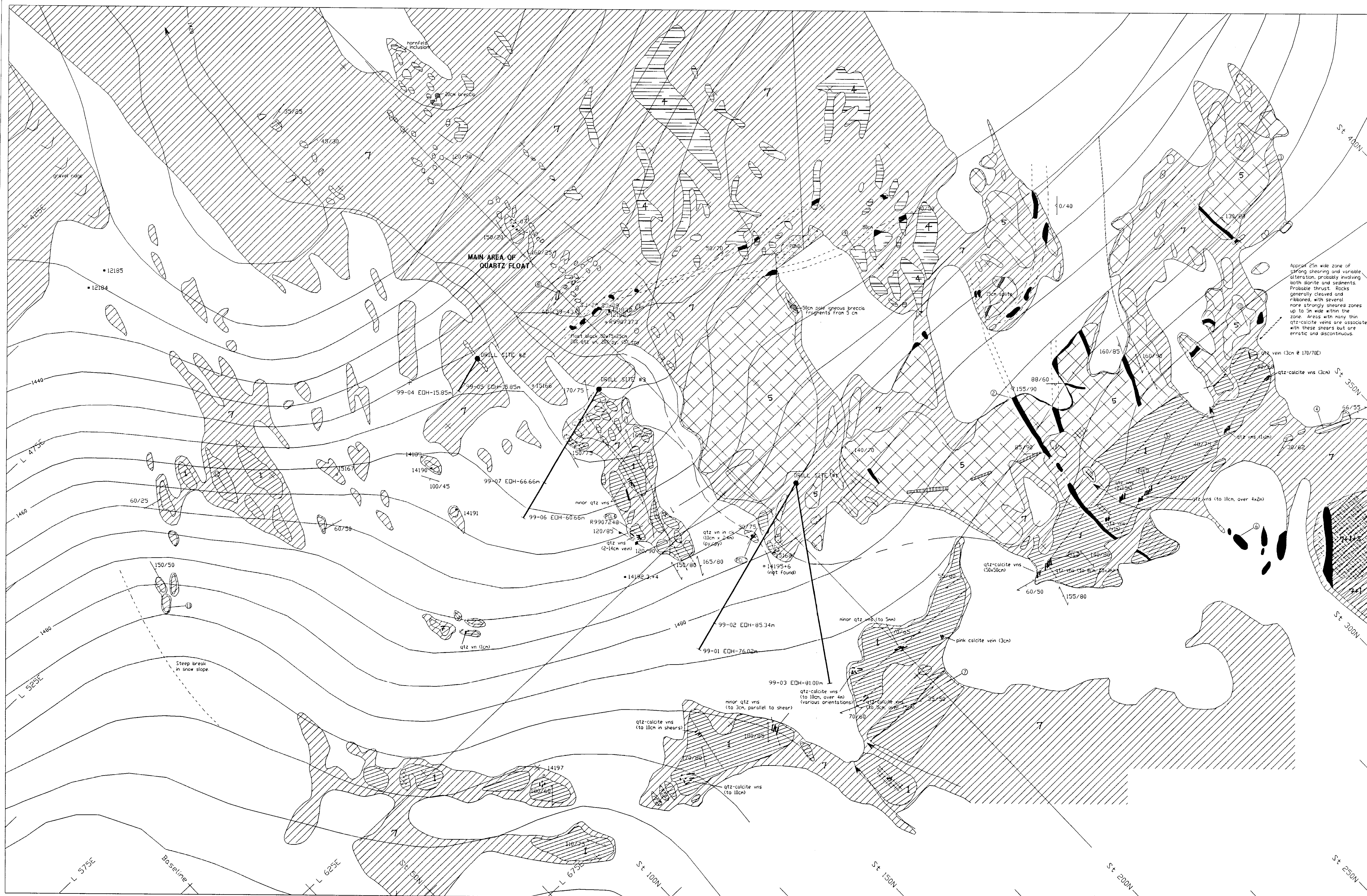
3mm py-e
 Vrs 20 to CA
 17-17

0-4.70 coarse (2mm) tuffaceous phase with lesser dark fine grained interbeds

4.70-14.33 mainly coarse and finer fine grained interbeds

14.33-18.17 mixed coarse and fine phases

18.17-60 dominated by fine grained phase



- GEOLOGICAL LEGEND**
- Snow cover as of early August 1999
 - ▨ Tuff/Gravel
 - ▨ Jurassic Intrusives
 - ▨ Pale pink late dikes of diorite
 - ▨ Greenish altered diorite, variable amounts of epidote and chlorite
 - ▨ Pale grey diorite, even grained (1-3mm)
 - ▨ TRASSIC (Sulphur Group)
 - ▨ Rusty weathered, hard grey, well bedded hornfels
 - ▨ Grey very hard, bedded, hornfelsed segment, mostly sandstone
 - ▨ Dark green chloritic, epidotic, often sheared sediments with large volcanic contribution, possibly some tuffs
- DIKES**
- ▨ coarse hornblende porphyry
 - ▨ deep-grey diorite
 - ▨ dark green hornblende andesite
- SYMBOLS**
- ▨ bedding (inclined, vertical)
 - ▨ foliation (inclined, vertical)
 - ▨ dyke (inclined, vertical)
 - ▨ vein (inclined, vertical)
 - ▨ lithological contact (inferred)
 - ▨ Fault
 - ▨ Outcrop
 - ▨ Anomalous In-place Sample
 - ▨ Anomalous Float Sample
 - ▨ Rusty Weathering
 - ▨ Recovered Grid Stations
 - ▨ Drill Site
 - ▨ 1999 Drill Holes (99-01 to 99-07)
 - ▨ Drill Hole / Length
 - ▨ Typical sample for reference
 - ▨ Surface sample analyzed
- Topography based on aneroid readings on grid U.S. Assn. 1989
Contour interval 5 metres asl

ANALYZED SURFACE SAMPLES

HORNBLAND SAMPLES

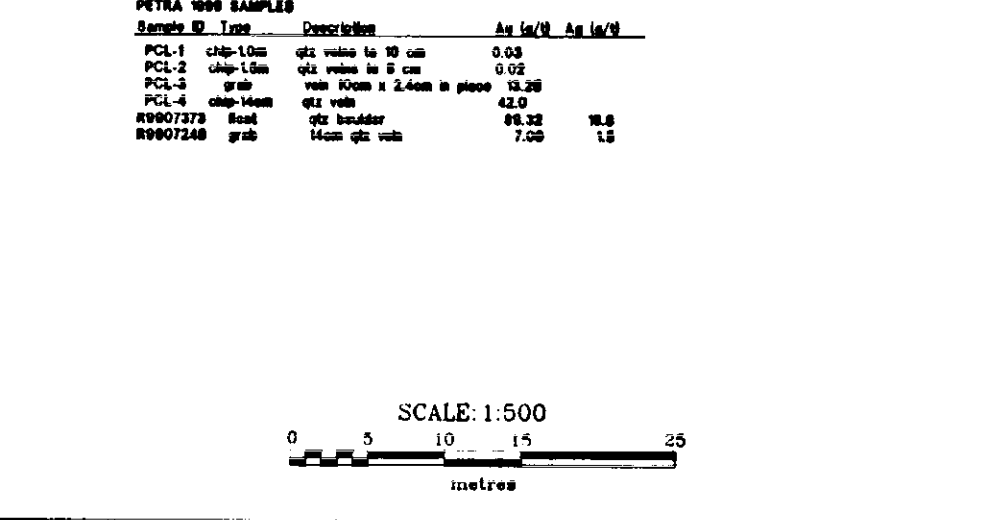
Sample #	Type	Description	As %	Al %	Si %	Ca %	Fe %
12182	gran	41 AND over 1 DOOR	0.01	0.2	0.00		
12183	gran	AND, Qtz veins	0.01	0.5	0.00		
12184	gran	AND, Qtz veins	0.01	0.3	0.00		
12185	gran	AND, Qtz veins	0.00	0.2	0.00		
12186	cap-lin	AND in ground	0	0.2	0.00		
14000	gran	at DOOR, 1.5m pp	0	0.2	0.01		
14001	gran	at DOOR, 1.5m pp	0.02	0.3	0.00		
14002	gran	Qtz vns in ground	0.46	1.9	0.22		
14003	gran	2.5m over 1.5 m pp	0.01	0.4	0.02		
14004	cap-lin	DOOR, 1m in Qtz	0.07	0.3	0.02		
14005	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14006	cap-lin	DOOR, 1.5m over 1.5m pp	0.01	0.2	0.02		
14007	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14008	cap-lin	DOOR, 1.5m over 1.5m pp	0.01	0.2	0.02		
14009	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14010	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14011	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14012	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14013	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14014	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14015	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14016	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14017	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14018	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14019	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		
14020	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.02		

ALTAIR 800 SAMPLES

Sample #	Type	Description	As %	Al %	Si %	Ca %	Fe %
8407	gran	3.5m over 1.5m pp	0.01	0.2	0.01		
8408	gran	Qtz in ground, 1.5 m pp	0.02	0.4	0.02		
8409	gran	3.5m over 1.5m pp	0.01	0.2	0.01		
8410	gran	DOOR, 1.5m over 1.5m pp	0.01	0.2	0.01		
AD-30	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-31	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-32	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-33	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-34	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-35	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-36	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-37	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-38	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-39	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-40	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-41	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-42	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-43	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-44	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-45	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-46	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-47	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-48	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-49	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		
AD-50	gran	DOOR, 1.5m over 1.5m pp	0.01	0.4	0.04		

PETRA 800 SAMPLES

Sample #	Type	Description	As %	Al %	Si %	Ca %	Fe %
PCL-1	cap-lin	qtz veins to 10 cm	0.00				
PCL-2	cap-lin	qtz veins to 10 cm	0.00				
PCL-3	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907173	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907174	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907175	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907176	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907177	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907178	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907179	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907180	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907181	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907182	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907183	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907184	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907185	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907186	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907187	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907188	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907189	gran	DOOR, 1.5m over 1.5m pp	0.00				
8907190	gran	DOOR, 1.5m over 1.5m pp	0.00				



PETRA RESOURCE CORP.
QUILL PROJECT
COMPILATION MAP
1999 SURVEY

Date: 28/8/99 Mining District: Skeena MD
 U.T.M. Zone: NAD 83 Zone 9 State/Province: British Columbia
 N.T.S.: 104 B7 File: 500kSum.dwg