1990 REPORT

ON THE

JACK CLAIM

FOR

APEX ENERGY CORP.
#717-602 West Hastings Street
Vancouver, B.C.
V6B 1P2

NTS: 104G/4E

LATITUDE: $57^{0}09'$ NORTH
LONGITUDE: $131^{0}34'$ WEST

Prepared by

D. Blann, P.Eng.
Todd Faragher
William R. Kushner

Coast Mountain Geological Ltd./Quest Canada Resources Ltd.

November 21, 1990

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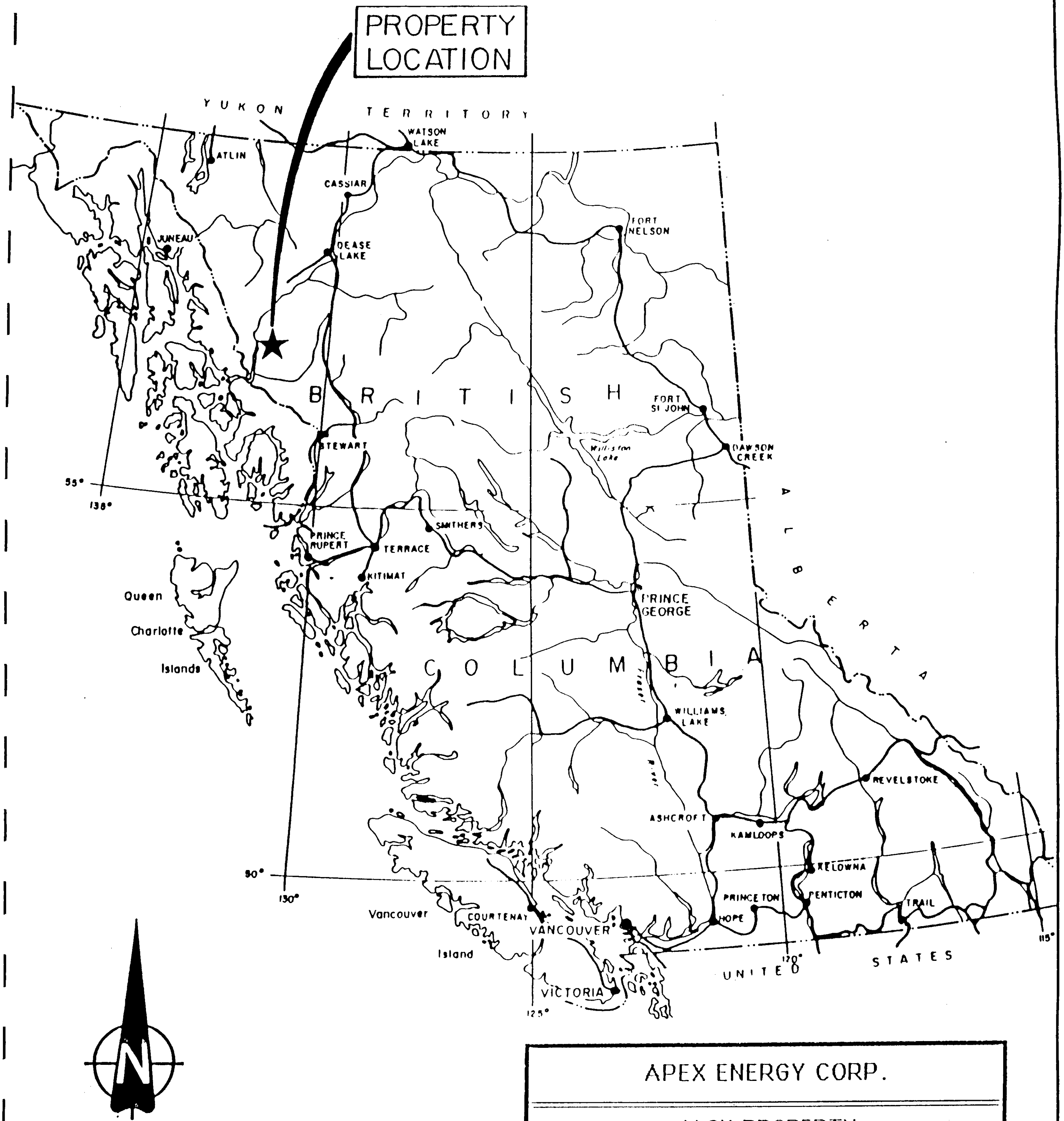
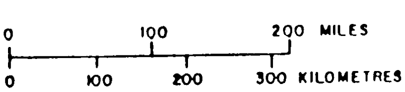
SUMMARY

The Jack Claims lie between the toe of Jack Wilson glacier and Saddlehorn Mountain in the Galore Creek area of northwestern British Columbia. The property is underlain by Stuhini Group volcanic and sedimentary rocks that have undergone intense folding and shearing; pervasive chlorite-epidote and quartz-sericite-pyrite alteration with associated copper-gold mineralization is localized within strongly fractured zones.

Work performed during the 1990 field season defined several areas of disseminated chalcopyrite mineralization with variable copper and gold values (Figure 4). Float samples of chlorite-epidote altered andesite with small quartz veins containing pyrite, pyrrhotite and chalcopyrite have returned values of up to 3.708 oz/t Au (Kushner,1989). The in-situ location of this mineralization has not yet been located.

A program of detailed geological mapping, sampling, and trenching where neccessary, is proposed for the Jack property. The object of this program is to outline the extent of alteration, grade of mineralization, and to determine their structural controls. If results are favorable, then a small diamond drilling program would be required. A two stage program totalling approximately $ 213,000.00 is proposed.





APEX ENERGY CORP.

JACK PROPERTY

PROPERTY LOCATION MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD.

DRAWN BY:	NTS:	DATE:	FIGURE:
B.K.	104G/4	NOVEMBER, 1990	1

INTRODUCTION

The 1990 exploration program on the Jack property was carried out between June 16 and September 16, 1990. During this time, 22 man-days were spent prospecting, mapping, and rock and soil sampling on the property. This report is based on the results of the work performed on the property during the 1990 season and previous field programs.

LOCATION AND ACCESS

The Jack property is situated between the toe of Jack Wilson glacier and Saddlehorn Mountain in the Galore Creek area of northwestern British Columbia. It is centred around $57^{0}09'$ latitude and $131^{0}34'$ longitude, approximately 90 kilometres south of Telegraph Creek, east of the Stikine River. The Galore Creek mineral deposit (Hudson Bay Mining, Kennocott, Cominco) lies 6 kilometres to the southeast of the Jack property.

Presently, the best access to the Jack property is provided by helicopter from the Scud airstrip at the mouth of the Scud River, 25 kilometres to the northwest of the property, or from the Galore Creek camp, 5 kilometres to the southeast of the property. Both of the airstrips support fixed wing aircraft from Smithers, Dease Lake, and Bronson Creek, B.C., and Wrangell, Alaska.

TOPOGRAPHY AND PHYSIOGRAPHY

The Jack claims cover the northwest side of Saddlehorn Mountain and the southern side of the Jack Wilson Glacier valley. Topography is extreme, with elevations rising from the Jack Wilson Glacier at 365 metres to Saddlehorn Mountain (over 2100 metres) in a very short distance. Most of the property lies above the treeline and is covered by glacial and avalanche debris. Approximately 30-40% of the surface is rock outcrop. At lower elevations, the forested areas are covered by a dense growth of spruce, balsam, and hemlock with an undergrowth of devil's club and huckleberry. Slide alder is prominent on the avalanche paths.

Within the large cirque on the northwestern side of Saddlehorn Mountain is a small pocket glacier, from which runoff drains north into the Jack Wilson Creek. This area has been the focus of most of the exploration efforts to date.

Temperatures are moderated by the proximity to the Pacific weather systems, and rarely exceed -20 to +25^{0}C. Annual precipitation is estimated at over 200 centimetres, including several metres of accumulated snowfall during the winter months.

HISTORY

The discovery of the Galore Creek and Copper-Canyon copper-gold deposits in 1955 prompted Kennco Exploration Ltd. and Conwest Explorations Ltd. to seek other properties of interest in the area. Between 1963 and 1965, Conwest Explorations Ltd. conducted regional mapping and sampling in the vicinity of the Jack property and took a silt and rock sample from the ground presently covered by the Jack claims.

The Geological Survey of Canada flew a regional aeromagnetic survey over the Galore Creek area during 1978. This work outlined a significant magnetic high centred to the northwest of the property.

In 1987 and 1988 Consolidated Silver Standard Mines Ltd. conducted limited geological mapping, prospecting and geochemical sampling on the Jack claim (Folk, 1987/Awmack,1988).

Harrisburg-Dayton Resources Corp. carried out seven man-days of prospecting, mapping and rock and soil sampling of the Jack claim during 1989.

Results of the above programs outlined several areas of anomalous gold-copper values associated with chalcopyrite-pyrite mineralization within strongly fractured, chlorite-epidote altered zones and quartz-sulphide veins.

1990 WORK PROGRAM

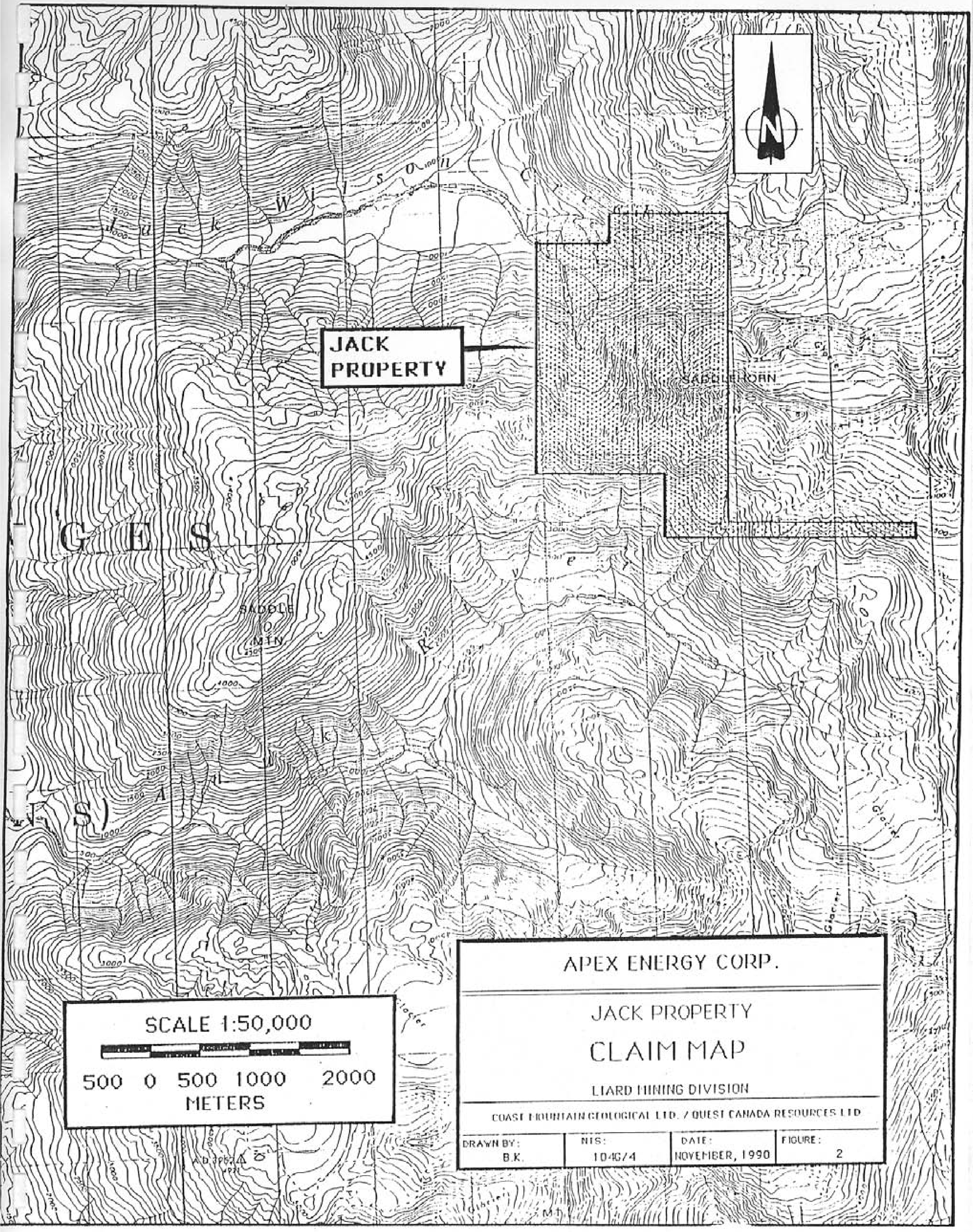
During the 1990 field program, an effort was made to followup the results obtained by previous programs; prospecting, limited geological mapping, soil, rock and trench sampling were performed. Work concentrated on the western portion of the property, within the general area of the cirque and its' pocket glacier.

PROPERTY DESCRIPTION

The Jack property covers the northwestern side of Saddlehorn Mountain and the west side of the Jack Wilson glacier. There are four claims totalling 51 units located in the Liard Mining Division at $57^0 09'$ latitude and $131^0 34'$ longitude, NTS 104G/4E (Figures 1,2). The following table summarizes the available claim information.

TABLE 1
CLAIM INFORMATION

Claim	Record No.	Units	Expiry Date	Owner
Jack	3643	20	09/19/91	Cons.SilverStd\Apex
RB6	5633	4	01/13/92	Hrsb-Dayton Res\Apex
RB8	5635	15	01/13/92	Hrsb-Dayton Res\Apex
RB10	3643	12	01/13/92	Hrsb-Dayton Res\Apex
	Total	51		



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JACK
PROPERTY
SADDLE
MTN
APEX ENERGY CORP.
JACK PROPERTY
CLAIM MAP
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD
DRAWN BY:
B.K.
NTS:
104G/4
DATE:
NOVEMBER, 1990
FIGURE:
2
SCALE 1:50,000
500 0 500 1000 2000
METERS

REGIONAL GEOLOGY

The Galore Creek area consists of stratigraphic and intrusive sequences of Upper Paleozoic to Tertiary Stikina Terrane rock units bounded to the west by the Coast Range plutonic complex and to the east by the Intermontaine belt (Figure 3). The Stikina Terrane is composed of the following:

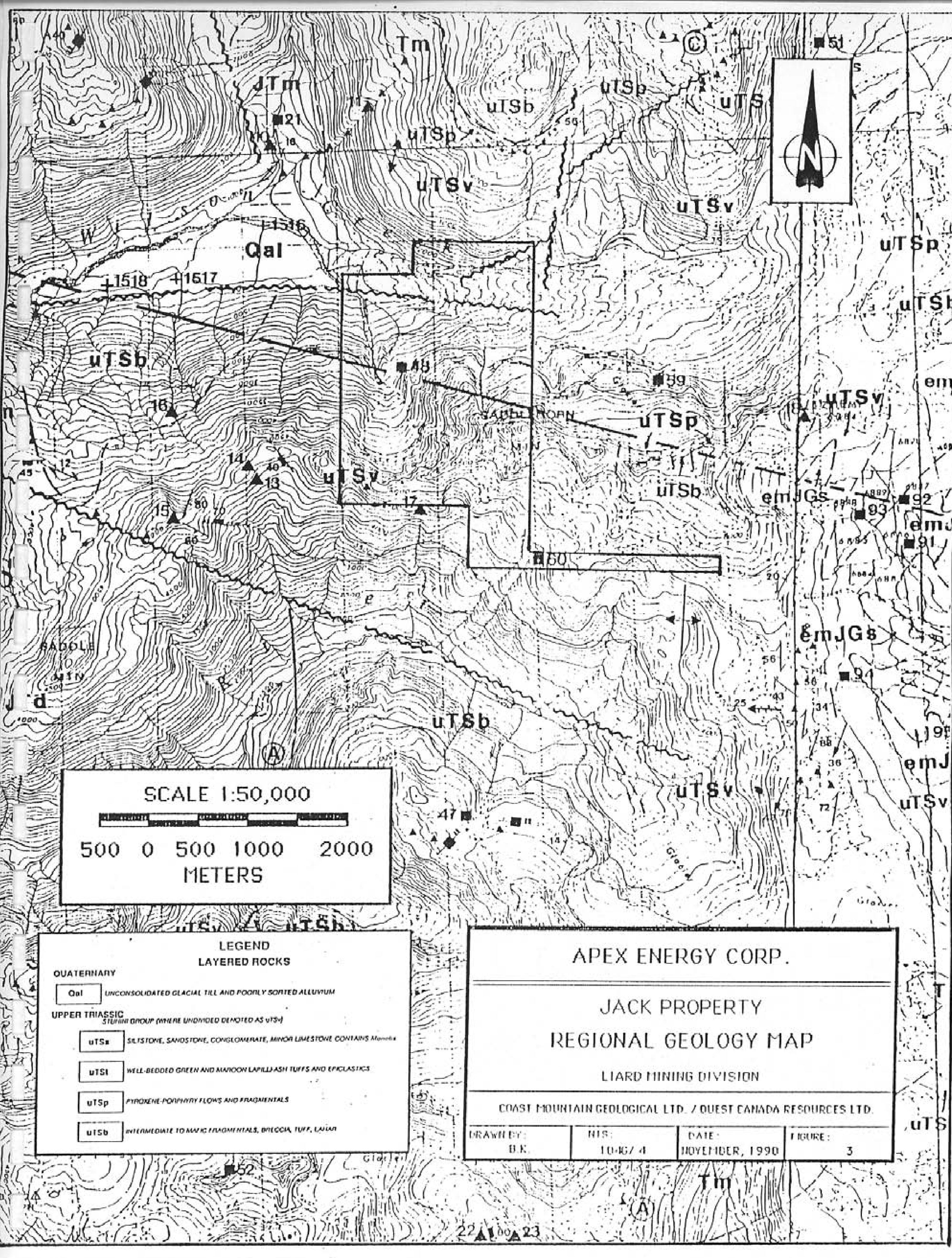
TABLE 2

STIKINA TERRANE

	- Mesozoic-Tertiary	Plugs and dikes
	- Mid Jurassic- Tertiary Sloko Group, Edziza/ Spectrum Range volcanic arc basalt	Coast Range Plutonic Complex
Stikina	- Upper Triassic Stuhini Group flows, tuff, breccia, sediments,+Hazelton Group equivalents	Hickman Plutonic Suite
	- Mid Triassic silty shales, argillite, limy dolomitic siltstone, cherty and rare carbonaceous limestone	
	- Pre Permian to Mid Jurassic Stikine Assemblage sediments, tuff, intermediate volcanic rocks, limestone	

The accretion of the Stikina Terrane developed various penetrative foliations in the Paleozoic and mid-Triassic strata. Upper Triassic and younger rocks have dominantly northward trending zones of schistosity and foliation.

For a complete and detailed description of the regional geology of the Galore Creek area, works of Souther (1971), Allen/Panteleyev (1976), and Logan/Koyanagi (1989) can be referred to.


SCALE 1:50,000
500 0 500 1000 2000
METERS
LEGEND
LAYERED ROCKS
QUATERNARY
Qal
UNCONSOLIDATED GLACIAL TILL AND POORLY SORTED ALLUVIUM
UPPER TRIASSIC
STUHINI GROUP (WHERE UNDIVIDED DENOTED AS uTSv)
uTSs
SILTSTONE, SANDSTONE, CONGLOMERATE, MINOR LIMESTONE CONTAINS Monotis
uTSt
WELL-BEDDED GREEN AND MAROON LAPILLI-ASH TUFFS AND EPICLASTICS
uTSp
PYROXENE-PORPHYRY FLOWS AND FRAGMENTALS
uTSb
INTERMEDIATE TO MAFIC FRAGMENTALS, BRECCIA, TUFF, LAHAR
APEX ENERGY CORP.
JACK PROPERTY
REGIONAL GEOLOGY MAP
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD.
DRAWN BY: B.K.
NTS: 104G/4
DATE: NOVEMBER, 1990
FIGURE: 3
Tm
JTm
uTSb
uTSp
uTSv
Qal
emJGs
SADDLE HORN
SADDLE MTN
Glacier

PROPERTY GEOLOGY

The dominant rock units on the Jack property are Stuhini Triassic to Jurassic aged andesitic volcanic flows and tuff with phyllitic and ankeritic sediments. The andesite volcanic flows and tuff commonly exhibit a broken crystal matrix, and are weakly porphyritic with plagioclase phenocrysts. Augite porphyry is generally found in the southwest portion of the property.

Siltstone, sandstone, and conglomerate are found at the northern foot of Saddlehorn Mountain, and metamorphosed equivalents are shown to lie on the ridge to its' south (Figure 4).

Jurassic intrusive andesite dikes and sills cut through and subparallel bedding. They range in width from 0.5 to 3.0 metres and are common near the Cirqueback Zone (Figure 4). Diorite/quartz-diorite intrusions are believed to underlie the Jack claim; although outcrops have not been found to date, intrusions are found on the adjacent Jack Wilson property to the west (Blann,1990).

STRUCTURE

The volcanic and sedimentary rocks on the northwest portion of the Jack property are complexly folded (Folk,1987). A tight anticlinal fold with an axis bearing 020^0 may underlie the cirque and the pocket glacier on the northwestern side of the property (Blann, Figure 5, 1990). Dominant shear and fault structures on the property trend northwest and north to northeast, with later crosscutting structures trending east-west. The andesite dikes are generally oriented at 050^0 and 090^0.

MINERALIZATION AND ASSOCIATED ALTERATION

Moderate to intense chlorite and epidote alteration and, locally, quartz-sericite-pyrite alteration occurs on the Jack property. The zones of alteration are associated with fracture controlled disseminated chalcopyrite-pyrite mineralization and occur dominantly on the north and western areas of the property. Quartz-sericite-pyrite alteration also occurs locally in areas near the propylitic alteration. These areas are noted by prominent gossans.

Alteration and mineralization are controlled by shears, faults and fractures that trend northwest and northeast, the highest intensity occurring where they cross. Copper and gold values vary; the most consistent and widespread values found to date occur within chlorite-epidote altered andesite volcanic rocks of the Blue and Cirqueback Zone (Figure 4).

Other mineralization of interest on the Jack property include the sandstone units and the quartz-sulphide vein float.

The host for most of the mineralization is dominantly the sheared andesitic volcanic rocks, however, a sample of sandstone containing disseminated pyrite assayed 1280 ppb Au, and float of quartz pebble conglomerate with pyrite and pyrrhotite assayed 1462 ppm copper (Kushner,1989).

Float samples of a narrow quartz-chalcopyrite-pyrrhotite-pyrite vein within altered andesite have returned gold values up to 3.708 oz/t Au (Kushner,1989). Similar material has been located in place on the adjacent Jack Wilson property (Blann,1990). The source of the float on the Jack property is most likely to be found within the large cirque.

DISCUSSION

Strong fracture controlled chlorite-epidote and quartz-sericite-pyrite alteration with associated chalcopyrite mineralization occurs within zones of shearing, faulting and fractures that trend northeast and northwest. A tight, northeast trending anticlinal fold axis may cut through the area of the pocket glacier, forming some local controls on the shearing. The crosscutting east-west structures found on the northern portion of the Jack property suggest a late normal displacement (Blann,1990).

The areas found to date containing the most consistent copper and gold values are within the Blue and Cirqueback Zones. These strongly chlorite-epidote altered zones appear to occur at the confluence of the two major fracturing directions, and may be structurally connected by the northeast trending shearing. Copper values in the order of 0.1-0.5% and gold in the order of 0.002-0.010 oz/t occur within these areas. Higher values have been obtained from selected samples (Figure 4).

Mineralization of the sediments east of the pocket glacier also appears structurally controlled, however information on this zone is limited.

CONCLUSIONS

The Jack property contains alteration and associated mineralization developed within highly sheared andesitic volcanic rocks of the Stuhini Group. Anomalous copper and gold values are found within zones of strong fracture controlled chlorite-epidote altered volcanics that dominantly trend northwest and northeast. The two main zones outlined to date are the Blue and Cirqueback Zones, which may be structurally connected.

Sandstone and quartz pebble conglomerate have been found to contain anomalous gold and copper values associated with limonitic and pyritic disseminations.

RECOMMENDATIONS

The Jack property has several zones of mineralization from which anomalous copper and gold values have been obtained, and further work should include detailed geological mapping and sampling to outline their extent and mineral content. Prospecting of the eastern and southern portions of the property should focus on locating the source of the quartz-sulphide vein(s) that returned high gold values. A proposed program and the estimated cost follows:

ESTIMATED COST OF PROGRAM

The cost of the program assumes a camp with complete facilities would be available at Scud River or Galore Creek.

Personnel: Geologist: 25 days @ $300/day	$15,000.00
Assistant geologist 25 days @ $225/day	$5,625.00
Mob/Demob	$2,000.00
Room/Board: 50 man-days @ $145.00/man-day	$7,250.00
Helicopter: 20 hours @ $700/hr	$14,000.00
Assays: 350 @ $13.75 + 25 @ $22.00	$5,362.50
Consumables + Freight	$2,500.00
Project Preparation	$1,000.00
Report/ Drafting	$1,500.00
	$54,237.50
Weather Contingencies @ 10%	$ 5,423.75
Approximate total cost---- allow	$60,000.00

PHASE 2 - CONTINGENT ON RESULTS OF PHASE 1

Diamond Drilling: 1000 metres @ $150.00/Metre (Includes all support services, assays, wages, mob/demob)	$150,000.00
Report with recommendations	$3,000.00
Estimated total cost of Phase 2	$153,000.00

REFERENCES

Allen, D.G., A. Panteleyev, A.T. Armstrong, 1976, Galore Creek, CIM Special Volume 15, pp.402-414.

Awmack, Henry J., Consolidated Silver Standard Mines Ltd., 1988 Summary Report on the Jack Claim, Liard Mining Division, British Columbia.

Blann, David E./Vulimiri, Mohan R., 1990 Summary Report on the Jack Wilson Property, Bellex Mining Corp./ Quattro Resources Corp., Liard Mining Division, British Columbia.

Kushner, William R., Harrisburg-Dayton Resources Corp., 1989 Report on the Jack Wilson Property, Liard Mining Division, British Columbia.

Logan, J.M. and V.M. Koyanagi, 1989, Geology and Mineral Deposits of the Galore Creek Area, Northwestern B.C. (104G/3,4), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, Paper 1989-1, pp. 269-284.

Souther, J.G., Geological Survey of Canada, 1971, Map 11-1971, 1:250,000 geology map, Telegraph Creek, British Columbia, pages 71-44.

STATEMENT OF EXPENDITURES

Personnel: Coast Mountain Geological Ltd.	$3,207.50
Personnel: Quest Canada Resources Ltd.	$3,449.18
Helicopter	$2,520.00
Camp	$3,029.50
Field gear	$467.00
Mob/demob.	$1,750.00
Assays	$1,382.35
Freight	$557.20
Project Preparation	$300.00
Reproduction/drafting	$93.98
Misc.	$75.00
	$16,831.71
Report	$1,800.00
Project management	$2,309.39
Total:	$20,941.10

STATEMENT OF QUALIFICATIONS

I, David E. Blann, of 83233 View Place, Squamish, in the Province of British Columbia, DO HEREBY CERTIFY:

1.) THAT I am a member of the Association of Professional Engineers of the Province of British Columbia.

2.) THAT I am a graduate of the British Columbia Institute of Technology in Mining Engineering Technology, and the Montana College of Mineral Science and Technology, Butte, Montana, ni Geological Engineering (1986).

3.) THAT I was employed by Coast Mountain Geological Ltd. to work on the Jack property for one day during the month of August, 1990.

4.) THAT this report is based on fieldwork conducted by Coast Mountain Geological Ltd. and Quest Canada Exploration Ltd. on the Jack property between June 16 and September 16, 1990, previous assessment reports, and government publications and reports filed with the Government of British Columbia.

6.) THAT I have no direct or indirect interest in Apex Energy Ltd., nor do I expect to receive any.

DATED at Vancouver, British Columbia, this 28 day of November, 1990.

David Ellis Blann, P.Eng.

STATEMENT OF QUALIFICATIONS

I, WILLIAM R. KUSHNER, of 1942 East 2nd Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Coast Mountain Geological Ltd. with offices at Suite 820, 650 West Georgia Street, Vancouver, British Columbia.
2 THAT I am a graduate from the University of Alberta with a Bachelor of Science degree in Geology (1987).
3. THAT my primary employment since graduation has been in the field of mineral exploration.
4. THAT this report is based on fieldwork conducted by Coast Mountain Geological Ltd. on the Jack property from June 16 to September 16, 1990, government publications and reports filed with the Government of British Columbia.
5. THAT I did work on the subject property between June 16 and September 16, 1990.
6. THAT I do not own or expect to receive any interest in the property described herein, nor in any securities of any company rendered in the preparation of this report.

DATED at Vancouver, British Columbia, this 22nd day of November, 1990.

William R. Kushner, B.Sc.

Geologist

STATEMENT OF QUALIFICATIONS

I, TODD FARAGHER, of 9110 - 120 Street, Edmonton, in the Province of Alberta, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Coast Mountain Geological Ltd. with offices at Suite 820, 650 West Georgia Street, Vancouver, British Columbia.
2 THAT I am a graduate from the University of Alberta with a Bachelor of Science degree in Geology (1988).
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DATED at Vancouver, British Columbia, this 22nd day of November, 1990.

Todd Faragher, B.Sc.

Geologist

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler T.F.
Date

Property JACK (#20)

NTS

SAMPLE NO.	Sample Width	Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	Cu	Au	Ag		
90-G20-F01	.5m	pyroxene flow	chloritic fractures	diss py << 1%	fracturing 160/48W	197	8	0.5		
90-F20-F02	—	pyroxene flow	chloritic siliceous	fine diss cpy <1% malachite, azurite		6486	58	2.2		
90-G20-F03	15cm	shear zone	qtz-ser-py	diss py 5%	10 m long x 45 cm wide shear, @ 170/48W hosted in andesite	213	13	0.9		
90-G20-F04	10 cm	highly altered volcanic	chlorite minor epidote	fine diss cpy malachite, azurite	very broken + sheared, chloritic fractures, 136/82S 24/68E	1733	98	1.1		
90-G20-F05	20cm	calcite vein	—	malachite stained	4 cm vein within F04, @ 170/24E sample includes FW + HW	5624	40	0.5		
90-F20-F06	—	andesite	chloritic	cpy clots 1%	qtz vein within andesite	676	174	1.4		
90-F20-F07	—	altered volcanic	calcareous silicified	py clots 2% AsPy	clear qtz stringers w pyrite concentrated on edges + pervasive through volcanic	460	15	0.5		
90-G20-F08	.5m	sandstone	siliceous	diss py 2%	fuschite rich	67	4	0.3		
90-G20-F09	.5m	qtz vein	sheared	diss py 2%	sugary texture, S 58/90	34	2	0.3		
90-G20-F10	.5m	qtz vein	hosted in chl+ep volcanic	diss py 2% tr cpy	@ 150/70 S	2498	59	2.0		
90-G20-F11	.5m	qtz vein	hosted in qtz-ser-py	py + cpy	@ 132/72 N	3275	430	0.3		

C-CHIP G-GRAB F-FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler T.F.

Date

Property JACK (#20)

NTS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag		
90-C20-F12	45cm	qtz vein	chl - ep altered volcanic	tr cpy	@ 114/50 N	1564	2	0.5		
90-C20-F13	1m	andesite	chl + ep	tr cpy	strongly fractured @ 124/86 S, 18/40W	1117	10	0.8		
					82/30 NW					
90-C20-F14	1m	andesite	chl + ep	tr cpy	Fractured @ 134/72 N	4972	530	2.4		
90-C20-F15	1m	andesite	chl + ep	tr cpy		3066	52	0.8		
90-C20-F16	2m	andesite	py, mag, ep, chl 1, 1, 2, 4	fine diss py	malachite stained fracture	631	15	0.3		
90-C20-F17	2m	andesite	"	+ tr cpy	surfaces, fracturing 132/82 N	433	50	0.4		
90-C20-F18	2m	andesite	"	"	30/78 E	356	31	0.3		
90-C20-F19	2m	andesite	"	"	trench across 130° strike	1455	13	0.1		
90-C20-F20	2m	andesite	"	"		5113	27	0.2		
90-C20-F21	2m	andesite	"	"		2480	16	0.2		
90-C20-F22	2m	andesite	"	"		1389	22	0.3		
90-C20-F23	2m	andesite	"	"		1750	30	0.3		

hand trench

C-CHIP G-GRAB F-FLOAT

…ST …UNT…. GEOL…ICAL …D.

ROCK SAMPLE SHEET

…UEST CANADA RESOURCES CORP.

Page 1

Sampler D. Ridley

Date

Property Jack #20

NTS

SAMPLE NO.	Sample Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Cu	Au	Ag		
90F20:R207	F	altered diorite	epidote minor carbonate	up to 5% cp-bornite minor magnetite	heavy malachite stain: angular float: probable source is head of cirque. 3150'	3451	8	1.6		

C-CHIP G-GRAB F-FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler C. BASIL
Date SEPT/Oct '90

Property JACK #20

NTS 104G/4

SAMPLE NO.	Sample Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Cu ppm	Au ppb	Ag ppm		
90G 20-X01	20cm	meta sed		tr py	in fault 52°/85°W	231	4	0.5		
90F 20-X02	F	volc.	epidote	mal, sphal, bornite	in 8 cm wide calcite vein 1810 m elev – from slope on W side	3690	47	1.5		
90F 20-X03	F	volc	"	"	1810 m elev. – as above	203	13	0.3		
90G 20-X04	.5m	volc	sericite, py	tr py	in long fault – traceable for 100's metres – some qtz flooding + veining	1242	37	1.3		
90F 20-X05	F	volc		mal, tr cpy + bornite	1710 m elev on ridge above X04	54029	1020	37.6		
90F 20-X06	F	carbonate vein		mal, py	1720 m elev – centered on ridge 8 cm minimum width	1058	64	0.9		
90C 20-X07	1m	volc.	qtz-sericite	tr py	1m chip across fault zone 45°/70°SE 1210 m elev.	238 460	3 15	0.4 0.5		
90G 20-X08	0.2m	volc.	chlorite epidote	mal, tr py	1200 m elev. Strong fracturing/foliation trending 122°/40°N and 45°/70°NE	1315	4	3.0		
90G 20-X09	1m²	volc.	chlorite epidote	tr py	1170 m elev.	92	12	0.6		
90G 20-X10	1m²	volc.	qtz sericite	py, hematite	Gossan w/py + hematite stringers	255	27	0.6		
90G 20-X11	.5m	volc.	chlorite epidote	py 2-3%	Shear zone 39°/vert.	86	8	0.7		
90G 20-X12	1.5m	volc.	sericite	py up to 4%		92	59	0.5		
90G 20-X15		qtz		tr py cpy, mal	Turquoise zone – blasted cliff showing character sample of Qtz component	58.2	35	0.1		
90G 20-X16		volc.	siliceous	tr py, mal, az	same zone as #15 – heavily sheared siliceous host rock component	3532	13	1.7		
90G 20-X17		volc.	sericite	tr mal, az	Turq. zone – sericitic component	1544	110	0.7		

C-CHIP G-GRAB F-FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler C. BASIL

Date SEPT/OCT '90

Property JACK #20

NTS

SAMPLE NO.	Sample Width	Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	Cu	Au	Ag		
90G 20-X18		volc.	silkeous minor sericite	tr mal az	Turquoise Zone	3890	22	2.3		
90G 20-X19		qtz calcite		cpy, mal, az	"	2096	6	1.8		
90C 20-X20	1.2m	volc	chlorite	mal, py	20 metres upstream from X19	4633	270	2.3		
90C 20-X21	1m	volc	"	mal, py tr cpy	5 metres upstream from X20	4182	310	2.1		
90C 20-X22	1m	"	"	"	contiguous with X21 under FOS	3196	58	1.5		
90C 20-X23	1m	"	"	"	2 metres up stream from X22 – some rose qtz in sample –	2451	740	1.4		
90C 20-X24	1m	"	"	py mal	2 metres up stream from X23	3437	110	1.6		
90C 20-X25	1m	volc, qtz	"	py mal, tr cpy	contigous w/ #24	1221	42	1.0		
90C 20-X26	1m	volc	Chlorite limonite	mal, py, az, cpy	2 metres up stream from #25 Strong shear/calcite veinlets	2633	80	1.1		
90C 20-X27	1m	volc	limonite	mal, az, py	Contiguous w/ #26 in shear	3332	22	1.2		
90G 20-X28	.5m	"	chl, limonite	mal	highly sheared 1m up from X27	1907	16	0.9		
90G 20-X29	.5m	"	Chlorite epidote	mal	5 metres up from #X28 less shearing than above	2711	12	0.3		

SAMPLES TAKEN JUST ABOVE CREEK INSIDE SNOW/ICE CAVE (samples 20-X23 to 20-X29)

C-CHIP G-GRAB F-FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler Jamie
Date
Property Jack
NTS

SAMPLE NO.	Sample Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Cu	Au	Ag		
Q01	F	Volcanic	Selicious cloritic epidote	CPY, PY		1089	15	2.0		
Q02	F	Qtz.		CPY, PY		536	55	0.5		
Q03	F	Volcanic	cloritic epidote	CPY, PY		332	10	1.3		
Q05	F	Volcanic	choritic	dec cpy <2% PY		107	24	0.3	Mo 17	
Q04	F	ARGYLITE	choloritic graphitic	dec cpy < 10% dec py malachite		95	5	0.3	Mo 65	
Q06	F	carbonate vein		dec py 1%		109	2	0.3	Mo 20	
Q07	F	Volcanic	cloritic	Malachite		3377	68	45		
Q08	F	Volcanic	chloritic epidote	Malachite in fractures		5941	12	3.5		

C-CHIP G-GRAB F-FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler BK

Date

Property JACK (20)

NTS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag		
90C·20·K01	.4m	fault gouge	lim	no vis mnlz^n	Much black sooty coating throughout - possibly MnO_2?	177 ~~211~~	25 ~~15~~	1.0 ~~0.6~~		
G·K02	.5m	Aug. porph	Extr. ep-chl v. sil.	Specs of Mal	F.I 2 Blebs of calcite throughout.	1013	48	1.3		
F·K05		And tuff	Extr. chl	large cpy blebs 1-2%	qtz/calc vein hosts mnlz^n. Calc is pink. Source is up creek to cliffs	1087	6	0.8		
C·K06	1m	And tuff	X-lim X-sil chl-ep	3-5% py, Tr cpy, Mal stns	FI 5.0+ shear @ 71/55 NW Mal and white chalky stains.	1065	14	0.8		
C·K07	.7m	And tuff	lim, sil chl-ep	15% py Mal stains	qtz/pink calc veins, black sooty deposits (MnO_2?), F.I 4.0	991	70	1.1		
C·K08	2m	And / And xtl tuff	Mod sil X-lim	1% py & cpy X-Mal, X-Az	X-lim zones assoc with small qtz veins.	1312	150	0.8		
C·K09	2m	"	sl. bleached X-lim qtz-ser sil	1% fine py & cpy X-Mal, X-Az	lim areas assoc w/ sil 3/4 sample X-lim, 1/4 sample X-Mal & Az	1350	150	1.6		
C·K10	2m	"	sl. lim	<1% cpy & py	Trace Mal in spots.	390	210	0.9		
C·K11	2m	"	qtz-carb ser alt	tr. py.		160	35	0.7		
C·K12	2m	"	qtz-carb-ser lim	3% py, tr. po		200	53	0.7		
C·K13	2m	"	qtz-ser-carb lim	spotty mal 1% py, po, cpy		222	21	0.5		
C·K14	2m	"	lim	10% py in areas	Moderate Mal & Az stains throughout.	1133	16	0.2		

C-CHIP G-GRAB F-FLOAT

Project #20 ^^^^^*********JACK**************

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
L20-F0-001	1	129	10	80	.3	56	22	850	5.40	43	5	2	1	280	1.6	4	4	133	1.43	.316	21	73	1.53	188	.12	5	1.68	.02	.21	1	18
L20-F0-002	1	130	16	59	.3	51	20	700	4.43	14	5	2	1	185	1.1	4	2	138	1.70	.307	13	80	1.75	133	.15	2	1.72	.01	.29	1	6
L20-F0-003	1	95	3	54	.1	27	15	831	4.16	10	5	2	1	278	.8	3	2	139	2.28	.421	15	46	1.39	121	.12	2	1.41	.01	.30	1	1
L20-F0-004	1	108	15	39	.2	26	19	592	5.81	20	5	2	1	197	1.2	5	2	160	1.91	.358	13	55	1.27	205	.18	2	1.36	.01	.34	1	94
L20-F0-005	1	88	11	53	.2	28	16	789	5.35	14	5	2	1	243	1.0	5	2	176	2.59	.367	12	56	1.65	169	.14	5	1.73	.01	.38	1	13
L20-F0-006	1	87	2	70	.4	14	20	1085	9.42	12	5	2	2	267	1.3	6	2	299	3.03	.356	14	33	1.55	157	.20	12	1.98	.01	.49	1	1
L20-F0-007	1	128	12	48	.3	15	17	631	7.25	13	5	2	1	192	.8	3	3	180	1.67	.292	11	38	1.10	151	.14	15	1.28	.02	.28	2	15
L20-F0-008	1	117	7	35	.4	11	20	594	9.35	12	5	2	1	180	1.0	2	2	199	2.12	.309	11	39	.81	89	.14	12	.96	.01	.23	1	16
L20-F0-009	1	108	2	38	.2	13	15	655	5.04	13	5	2	1	210	.9	2	2	159	2.28	.301	12	24	1.00	142	.15	13	1.14	.02	.26	2	10
L20-F0-010	1	72	2	53	.2	10	15	1025	6.58	14	5	2	2	387	1.2	5	2	254	4.12	.421	18	26	1.37	239	.17	16	1.63	.03	.38	1	5

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90F-20-F02	27	6486	42	162	2.2	8	7	365	2.35	2	5	2	3	261	1.3	2	2	93	3.53	.151	10	9	.47	60	.17	5	.57	.02	.20	1	58
90F-20-F06	2	676	4	13	1.4	23	23	247	1.61	5	5	12	1	36	.2	2	2	9	1.54	.019	2	7	.27	26	.01	3	.35	.01	.05	1	17400
90F-20-001	1	1089	7	51	2.0	10	21	756	3.92	4	5	2	1	405	.2	2	2	54	9.03	.090	4	2	1.69	215	.01	11	.54	.02	.29	1	15
90F-20-Q02	1	536	5	12	.5	3	1	2736	.66	2	6	2	1	1128	.4	2	2	4	27.26	.002	7	2	.20	105	.01	2	.18	.01	.02	1	55
90F-20-003	1	882	5	36	1.3	7	9	938	2.15	3	5	2	2	455	.2	2	2	40	23.80	.078	4	9	.70	174	.01	9	.26	.01	.19	1	10
90F-20-004	65	95	3	76	.3	12	24	826	5.98	2	5	2	2	160	.2	2	2	215	3.52	.186	7	10	1.85	99	.10	4	1.99	.04	.88	1	5
90F-20-005	17	107	22	63	.3	14	23	490	5.16	5	5	2	1	36	.2	2	2	148	1.25	.313	7	10	1.52	39	.27	9	1.50	.03	.44	3	24
90F-20-006	20	109	8	25	.3	6	6	237	7.24	5	5	2	2	250	.2	2	3	168	1.06	.074	9	11	.67	59	.29	2	.93	.10	1.27	1	2
90F-20-Q07	1	3377	3	48	4.5	11	15	657	3.19	8	5	2	1	169	.2	2	2	152	2.78	.196	8	10	1.50	75	.20	5	1.33	.03	.98	1	68
90F-20-008	1	5941	3	65	3.5	11	18	783	3.88	2	5	2	1	132	.3	2	2	66	1.16	.158	4	8	2.02	92	.22	7	2.28	.02	.14	1	12
90F-20-R207	9	3951	3	51	1.6	13	16	495	3.10	2	5	2	1	190	.3	2	2	71	1.39	.188	5	9	1.44	17	.17	7	1.58	.03	.09	1	8
90F-20-W4	1	57	2	46	.3	9	10	777	2.70	2	5	2	1	332	.2	2	2	90	10.53	.099	4	15	1.19	35	.16	5	1.28	.03	.24	1	2
90F-20-W5	1	11	3	45	.2	10	17	1648	3.66	2	5	2	1	260	.2	2	2	59	9.70	.077	4	9	2.16	187	.02	5	.34	.01	.20	1	10
90F-20-W7	1	38	2	65	.3	9	10	1418	4.31	6	5	2	1	240	.2	2	2	34	8.17	.032	2	4	1.70	871	.01	4	.14	.01	.08	1	1
90F-20-W8	3	60	49	65	.4	4	4	219	4.68	8	5	2	1	478	.2	2	2	85	.38	.138	6	3	.55	77	.37	7	.76	.06	.26	1	9
90F-20-W13	8	212	17	113	.8	15	27	1019	5.72	9	5	2	1	21	.2	2	2	51	.66	.217	5	6	2.47	50	.12	6	2.22	.02	.38	1	23
90G-20-F01	2	197	25	109	.8	17	18	619	3.38	12	5	2	1	207	.2	2	2	114	1.78	.286	14	21	1.20	62	.20	7	1.49	.03	.57	1	8
90G-20-F03	2	213	16	104	.9	15	23	807	6.28	7	5	2	1	25	.2	2	2	50	.64	.147	2	9	1.44	25	.15	6	1.28	.04	.19	1	13
90G-20-F04	8	1733	7	86	1.1	18	23	889	4.20	6	5	2	1	123	.3	2	5	115	2.45	.184	6	11	1.86	36	.13	3	1.92	.03	.12	1	98
90G-20-F05	1	5624	13	29	.5	3	13	3789	1.38	2	8	2	1	1596	1.8	2	2	8	26.19	.026	18	1	.63	86	.01	2	.56	.01	.10	1	40
90G-20-W1	1	218	3	44	.4	7	16	1358	4.59	2	5	2	2	699	.2	2	2	35	8.15	.112	4	1	.60	1120	.01	6	.58	.01	.27	1	2
90G-20-W2	1	175	17	59	1.0	24	20	449	2.95	2	5	2	1	103	.2	3	2	50	1.31	.162	3	24	1.45	57	.15	5	1.56	.06	.14	1	13

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90G-20-W3	6	542	28	32	.7	28	40	501	5.03	13	5	2	1	38	.5	2	2	44	.65	.078	4	18	.81	79	.05	5	.96	.01	.17	1	149
90G-20-W6	1	120	2	96	.3	10	21	1003	3.98	2	5	2	1	159	.5	3	2	88	2.71	.210	5	12	2.17	40	.16	4	2.38	.04	.37	1	6
90G-20-W9	1	50	2	79	.2	10	17	592	3.33	5	5	2	1	156	.7	2	2	93	1.61	.227	6	12	1.32	44	.13	5	1.61	.03	.70	1	6

90G-20-W10	3	51	9	84	.2	3	11	545	4.86	6	5	2	1	147	.9	2	2	71	.73	.192	4	9	1.01	60	.25	5	1.10	.04	.36	1	10
90G-20-W11	3	1775	7	123	1.4	17	36	1854	5.18	5	5	2	1	99	1.5	2	2	91	2.30	.179	4	32	2.33	102	.18	3	2.41	.03	1.01	1	53
90G-20-W12	5	2824	5	245	.9	18	43	2296	5.92	2	5	2	1	98	1.2	5	2	82	2.07	.167	5	44	2.72	304	.19	5	2.98	.02	1.94	1	390

ELEMENT SAMPLES	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-20-K01	47	177	23	32	1.0	13	120	4553	3.74	55	5	2	1	8	1.3	2	2	35	.08	.067	2	8	.33	141	.14	10	.97	.01	.45	1	25
90F-20-X02	1	3690	3	14	1.5	3	4	764	1.08	2	12	2	1	317	.3	2	2	58	10.95	.052	2	2	.46	40	.06	3	.61	.09	.24	1	47
90F-20-X03	1	203	2	28	.3	8	8	676	2.51	4	7	2	1	351	.2	2	2	109	5.26	.076	3	6	1.01	146	.11	4	1.13	.15	.68	1	13
90F-20-X05	1	54029	7	41	37.6	9	10	614	2.90	12	5	2	1	548	6.1	2	2	227	2.28	.195	6	7	.75	190	.17	7	1.23	.11	.45	1	1020
90F-20-X06	1	1058	3	1	.9	1	1	1255	.37	2	5	2	1	909	.3	2	2	18	32.11	.014	2	1	.05	12	.02	2	.07	.03	.02	1	68
90F-20-F07	3	460	87	76	.5	34	44	661	6.45	4055	5	2	2	246	.3	7	2	30	2.57	.116	8	5	.46	28	.01	10	.23	.04	.12	1	15
90F-20-W14	2	26	2	3	.1	4	1	854	.28	5	5	2	1	125	.2	2	2	2	4.67	.003	2	4	.05	60	.01	2	.06	.01	.02	1	7
90F-20-W16	1	3745	5	106	3.5	8	24	1113	4.82	5	5	2	1	179	1.4	2	2	119	1.42	.206	8	6	2.46	39	.12	4	2.58	.10	.11	1	30
90F-20-W17	1	90	3	34	.1	5	7	580	1.94	6	5	2	1	97	.2	2	2	36	2.01	.065	4	3	.62	112	.04	4	.81	.04	.11	1	7
90G-20-F08	1	67	4	73	.3	18	20	1215	5.67	32	11	2	1	688	.4	4	2	29	6.21	.057	5	31	2.31	90	.01	9	.48	.02	.24	1	4
90G-20-F09	2	34	5	33	.3	17	7	241	1.91	5	5	2	1	51	.2	2	2	10	1.37	.047	5	8	.07	121	.01	5	.39	.05	.20	1	2
90G-20-K02	1	1013	3	70	1.3	8	17	781	2.78	3	5	2	1	231	.2	2	2	72	2.39	.173	5	6	1.78	54	.12	5	1.81	.09	.14	1	48
90G-20-W15	5	2386	7	165	1.2	20	29	1688	6.32	8	5	2	1	114	1.9	2	2	92	2.41	.125	3	13	2.34	166	.19	4	2.58	.06	1.27	1	250
90G-20-X01	1	231	6	48	.5	6	12	810	3.45	8	10	2	1	826	.2	2	2	125	7.80	.120	9	3	.66	316	.05	3	1.01	.06	.56	1	4
90G-20-X04	1	1242	7	87	1.3	7	14	1111	4.10	14	5	2	2	230	.3	84	2	93	4.34	.147	14	4	1.74	180	.01	8	.36	.03	.25	1	37

ELEMENT SAMPLES	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90S-20-A01	1	168	2	127	.3	24	28	1444	5.19	4	5	2	1	126	.5	2	2	183	2.59	.199	6	46	3.80	64	.17	2	3.14	.01	.76	1	12
90S-20-A02	1	200	12	97	.3	20	25	1501	5.94	5	5	2	2	113	.2	2	2	214	1.13	.227	7	33	3.14	64	.18	2	2.36	.01	.77	1	67
90S-20-A03	1	93	9	95	.1	14	19	878	5.06	2	5	2	2	144	.2	2	2	177	.73	.187	6	17	2.67	38	.18	2	2.63	.01	1.14	1	2
90S-20-A04	1	157	8	89	.3	15	21	1200	5.09	6	5	2	2	168	.4	2	2	182	2.81	.303	8	23	2.96	99	.16	2	2.30	.02	.61	1	7
90S-20-A05	1	257	14	105	.2	12	23	1359	5.91	10	5	2	3	171	.8	2	2	214	2.33	.252	9	18	3.18	131	.18	2	3.30	.02	1.03	1	7
90S-20-A06	1	100	4	95	.1	12	22	1339	4.74	3	5	2	1	120	.3	2	2	197	1.75	.172	7	18	2.94	55	.13	2	2.37	.01	.49	1	7
90S-20-A07	1	173	5	99	.1	13	24	1405	4.55	2	5	2	1	122	.2	2	2	194	1.35	.166	10	18	3.05	58	.14	2	2.47	.01	.36	2	9
90S-20-A08	1	94	2	79	.1	9	18	1005	3.98	4	5	2	1	96	.4	2	2	156	1.12	.084	6	10	2.05	26	.17	2	2.32	.02	.13	1	4
90S-20-A09	1	37	5	44	.1	6	8	547	2.94	2	5	2	1	71	.2	2	2	143	1.24	.068	4	10	1.13	27	.12	2	1.52	.05	.08	2	2
90S-20-A10	1	53	2	77	.1	9	14	690	3.42	2	5	2	1	67	.2	2	2	103	.74	.076	8	10	1.51	32	.14	2	2.02	.05	.12	1	5
90S-20-A11	1	361	11	106	.2	13	25	1427	5.58	9	5	2	3	161	.5	2	2	198	1.94	.264	13	16	3.04	139	.18	2	3.07	.02	.75	1	11
90S-20-A12	1	289	6	98	.1	13	24	1438	5.51	6	5	2	2	151	.6	2	2	192	1.89	.255	9	16	2.77	80	.17	2	2.31	.01	.55	1	38
90S-20-A13	1	140	2	79	.1	10	20	1054	4.57	4	5	2	1	155	.3	2	2	166	2.07	.284	7	11	2.50	35	.15	2	1.85	.01	.34	1	7
90S-20-A14	1	160	4	71	.2	11	20	968	4.21	4	5	2	2	196	.2	2	2	137	1.76	.256	7	13	2.42	53	.18	2	1.91	.01	.24	1	12
90S-20-A15	1	125	3	58	.1	10	16	702	3.48	2	5	2	1	165	.6	2	2	89	1.19	.198	5	13	1.77	31	.16	2	1.68	.01	.11	1	4
90S-20-A16	1	102	2	63	.2	11	16	751	3.66	2	5	2	1	154	.2	2	2	91	1.12	.193	6	20	1.84	51	.15	2	1.73	.02	.10	1	12
90S-20-A17	1	175	3	66	.1	8	13	1209	3.61	2	5	2	1	53	.2	2	2	81	.36	.124	13	10	1.11	78	.05	2	2.46	.06	.09	1	6

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90S-20-A18	1	108	2	67	.1	9	14	539	3.38	2	5	2	1	103	.2	2	2	87	.52	.114	4	9	1.48	26	.15	2	2.03	.02	.16	1	2
90S-20-W1	1	472	6	107	.1	17	40	2442	6.82	8	5	2	1	90	.9	2	2	138	1.83	.154	4	17	2.66	174	.06	2	2.82	.01	.15	1	62
90S-20-W2	8	672	25	137	.1	16	77	3393	7.36	18	5	2	1	114	1.8	2	2	166	1.44	.189	6	14	2.45	148	.11	2	2.68	.01	.16	1	21
90S-20-W3	9	100	51	157	1.7	7	13	1104	7.70	21	5	2	2	87	.4	2	2	79	.31	.287	2	15	2.41	81	.21	2	1.75	.02	.38	1	15
90S-20-W4	10	125	63	149	1.5	7	8	946	7.82	18	5	2	1	119	.4	2	2	81	.32	.288	4	12	2.36	88	.22	2	1.77	.03	.35	1	14
90S-20-W5	8	302	10	154	.5	12	48	2331	6.70	8	5	2	1	83	.7	2	2	90	.49	.250	3	15	2.44	79	.18	2	2.25	.01	.36	1	40
90S-20-W6	13	224	7	138	.7	11	29	2045	6.40	9	5	2	2	55	.7	2	2	87	.43	.254	4	13	3.17	58	.19	2	2.52	.01	.56	1	42
90S-20-W7	6	252	9	136	.5	10	32	1814	6.43	11	5	2	1	91	.2	2	2	87	.54	.263	4	15	2.24	70	.18	2	1.96	.01	.34	1	45
90S-20-W8	7	385	7	134	.3	13	31	1879	5.43	4	5	2	1	74	.5	2	2	89	.53	.207	3	25	2.88	115	.20	2	2.46	.01	.78	1	150
90S-20-W9	13	1114	50	160	.7	14	71	3639	7.70	8	5	2	1	100	.3	2	2	89	.53	.207	3	15	2.46	190	.18	2	2.62	.01	.66	1	240

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90S-20-W10	9	1012	26	131	.7	15	72	3787	9.43	9	5	2	1	124	1.4	2	2	82	.86	.260	9	7	1.85	215	.18	2	2.08	.01	.46	1	120
90S-20-W11	31	1323	13	142	.7	25	111	7812	8.08	15	5	2	2	261	1.4	2	2	76	.80	.224	7	5	1.45	260	.14	2	2.16	.02	.27	1	40
90S-20-W13	8	351	20	122	.6	7	32	1549	7.02	14	5	2	1	350	.5	2	2	127	.50	.280	7	5	1.76	103	.20	4	2.00	.03	.43	1	15
90S-20-W14	4	228	5	86	.3	9	19	832	6.12	8	5	2	1	163	.2	2	2	109	.55	.246	6	8	1.71	74	.19	3	2.09	.02	.61	1	13
90S-20-W15	4	142	18	128	.4	6	16	991	5.28	9	5	2	1	163	.3	2	2	88	.59	.254	5	5	1.82	128	.19	4	2.01	.02	.71	1	15
90S-20-W16	13	291	71	43	.7	5	25	745	7.56	10	5	2	2	826	.4	2	2	67	.33	.259	10	2	.68	189	.25	4	1.23	.05	.43	1	16
90S-20-W17	1	1005	6	148	.6	14	74	3537	4.83	3	5	2	2	98	.7	2	2	101	.89	.161	7	5	2.75	134	.11	5	2.89	.01	.17	1	110
90S-20-K01	3	211	18	89	.6	21	17	823	5.38	5	5	2	2	101	.2	2	2	128	.62	.179	9	38	1.56	74	.19	3	2.31	.04	.28	1	15

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90C-20-F11	1	375	7	38	.3	6	15	1732	2.19	3	10	2	1	305	.6	2	3	23	11.54	.101	3	5	.65	115	.04	6	.88	.01	.17	1	430
90C-20-F12	1	1564	7	79	.5	13	14	779	3.76	4	5	2	1	66	.4	2	2	54	1.30	.065	4	8	1.83	23	.10	7	2.07	.01	.09	1	2
90C-20-F13	1	1117	13	64	.8	8	13	542	2.72	3	5	2	2	183	.5	2	3	45	1.48	.075	4	4	1.15	12	.10	6	1.68	.01	.08	1	10
90C-20-F14	4	4972	5	39	2.4	20	39	310	2.54	3	5	2	1	160	.8	2	2	59	.83	.136	2	27	.98	26	.12	6	1.09	.02	.12	1	530
90C-20-F15	2	3066	8	134	.8	20	34	965	8.11	2	7	2	1	108	1.5	3	2	183	1.51	.140	2	20	2.12	51	.13	3	2.11	.02	.39	1	52
90C-20-X07	1	238	2	89	.4	5	15	2290	5.38	7	11	2	1	614	.8	2	2	72	17.47	.055	3	2	2.07	703	.01	5	.36	.01	.13	1	3
90G-20-F10	1	2498	6	108	2.0	10	19	1275	3.19	4	5	2	1	145	2.8	2	2	45	5.25	.105	2	5	1.34	40	.07	7	1.38	.01	.14	1	59

90G-20-X08	1	1378	10	231	3.0	6	18	844	3.85	2	5	2	1	161	.8	2	2	87	1.10	.213	6	4	1.91	82	.16	6	1.99	.03	.45	1	4
90G-20-X09	1	92	7	132	.6	5	14	997	3.82	7	5	2	1	161	.3	2	2	52	1.02	.151	5	18	1.84	32	.12	6	2.23	.02	.03	1	12
90G-20-X10	1	285	7	62	.6	4	16	1028	3.96	5	5	2	1	258	.5	2	2	33	4.81	.152	8	2	.44	361	.01	9	.48	.01	.33	1	27
90G-20-X11	1	86	8	145	.7	11	30	987	5.83	10	5	2	1	135	.5	2	2	74	.93	.264	5	10	2.40	21	.16	5	2.57	.02	.11	1	8
90G-20-X12	2	92	22	78	.5	5	8	552	4.37	2	5	2	1	172	.2	2	2	51	.60	.181	3	9	.86	25	.18	7	1.01	.04	.24	1	59

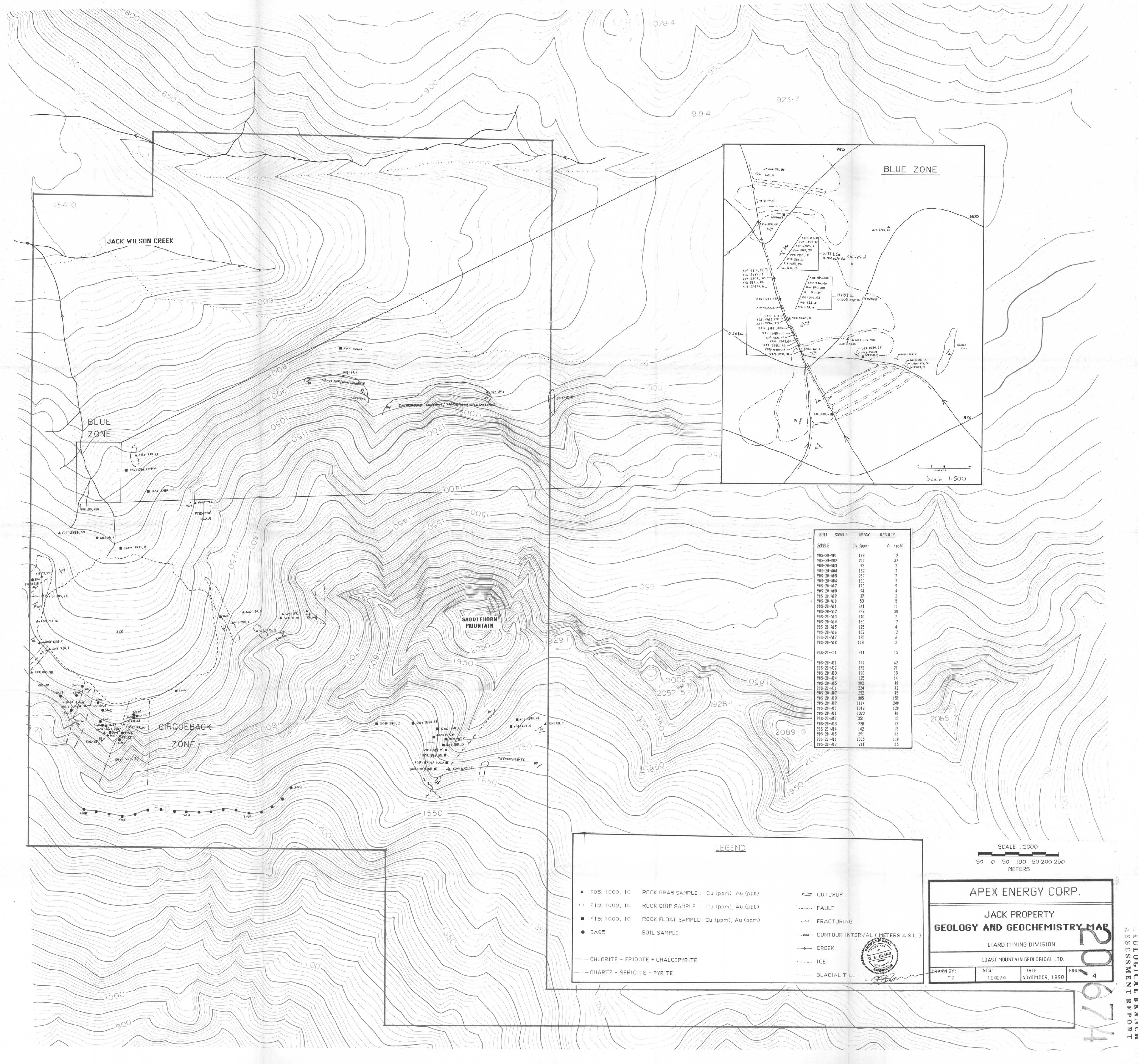
ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
90C-20-F16	1	631	10	95	.3	6	27	778	3.94	2	5	2	1	83	2.3	4	2	103	.93	.202	3	13	1.49	42	.15	2	1.52	.02	.38	1	15
90C-20-F17	4	433	2	79	.4	12	10	602	3.84	2	5	2	1	90	2.0	5	2	101	.76	.178	2	27	1.67	46	.15	2	1.59	.02	.53	2	50
90C-20-F18	4	386	2	80	.3	7	8	582	4.79	5	5	2	1	114	2.1	5	2	124	.69	.197	2	32	1.73	52	.19	2	1.74	.03	.54	2	31
90C-20-F19	1	1955	4	100	.1	5	18	817	4.13	2	5	2	1	103	1.5	6	2	122	1.33	.212	4	17	1.87	43	.13	2	1.79	.02	.35	1	18
90C-20-F20	1	5113	4	98	.2	7	25	832	4.69	2	5	2	1	117	2.4	6	2	141	1.12	.208	4	16	2.10	36	.14	2	2.01	.02	.43	1	27
90C-20-F21	1	2480	8	82	.2	4	13	679	3.83	4	5	2	1	130	1.4	5	2	109	.79	.214	3	12	1.75	34	.16	2	1.69	.02	.24	1	16
90C-20-F22	1	1389	8	116	.3	4	15	829	4.79	2	5	2	1	133	2.1	7	2	141	.79	.212	3	17	2.05	64	.18	3	2.04	.03	.64	1	22
90C-20-F23	1	1750	2	130	.3	6	17	922	4.72	2	5	2	1	125	1.1	8	2	141	1.00	.199	4	16	2.19	55	.16	2	2.12	.03	.73	1	30
90C-20-K06	2	1065	4	139	.8	8	34	1702	3.67	3	5	2	1	144	1.9	4	2	68	1.06	.222	3	11	1.62	68	.12	2	2.14	.01	.64	1	14
90C-20-K07	1	991	3	119	1.1	6	18	2115	5.52	7	5	2	1	105	1.8	3	2	60	4.76	.094	2	14	1.31	37	.04	2	1.40	.02	.19	1	70
90C-20-K08	2	1842	4	92	.8	10	20	731	3.90	2	5	2	1	106	1.3	5	2	89	1.03	.162	2	22	1.72	40	.15	2	1.69	.02	.37	1	150
90C-20-K09	6	1350	9	43	1.6	5	12	350	3.13	5	5	2	1	44	1.6	4	2	56	.51	.150	2	15	1.02	44	.16	2	1.06	.02	.42	1	150
90C-20-K10	6	390	8	54	.9	9	11	436	3.61	5	5	2	1	77	1.6	5	2	101	.50	.130	2	22	1.78	29	.15	2	1.60	.02	.34	1	210
90C-20-K11	3	160	5	40	.7	20	9	395	2.73	2	5	2	1	88	.7	5	2	70	.96	.344	3	19	1.67	33	.10	3	1.55	.02	.22	1	85
90C-20-K12	4	200	2	47	.7	19	9	370	3.35	8	5	2	1	93	.9	5	2	94	1.07	.400	4	33	1.63	58	.14	2	1.58	.03	.48	1	53
90C-20-K13	4	222	3	53	.5	9	7	412	2.75	7	5	2	1	138	1.0	3	3	64	1.37	.430	4	24	1.07	30	.12	2	1.24	.02	.22	1	21
90C-20-K14	1	1133	2	88	.2	3	17	718	4.64	2	5	2	1	110	1.6	6	2	82	1.15	.182	2	18	1.77	41	.14	5	1.94	.03	.12	1	16
90C-20-W19	2	673	16	237	1.5	12	22	1952	5.98	5	5	2	1	94	1.7	9	2	77	3.90	.168	3	22	2.15	41	.09	2	2.18	.03	.31	1	17
90C-20-W20	5	1358	4	200	2.8	11	23	1658	6.14	2	5	2	1	66	2.5	8	2	99	2.92	.137	4	22	1.97	37	.12	2	2.04	.02	.56	1	30
90C-20-W21	5	373	14	130	1.1	9	13	922	4.01	4	5	2	1	157	1.7	6	2	78	1.09	.183	2	18	1.63	71	.15	3	1.74	.03	.50	1	10
90C-20-W22	3	325	45	180	1.5	10	16	828	2.88	2	5	2	1	141	2.8	6	2	68	.92	.165	2	14	1.32	45	.16	3	1.30	.03	.16	1	8
90C-20-W24	5	541	12	83	.6	6	13	468	4.63	3	5	2	1	45	.8	8	2	95	.56	.207	2	18	1.99	60	.15	3	1.72	.02	1.00	1	36
90C-20-W25	3	2399	8	131	1.6	20	22	730	4.19	6	5	2	1	91	1.8	8	2	117	.81	.195	3	56	3.04	131	.20	2	2.56	.03	1.88	1	75
90C-20-X20	2	4633	3	76	2.3	4	31	685	2.37	2	5	2	1	124	1.6	6	2	65	1.25	.208	3	20	1.57	41	.12	4	1.54	.03	.38	1	270
90C-20-X21	5	4182	57	67	2.1	13	20	519	3.04	5	5	2	1	49	2.0	6	3	63	1.56	.102	3	17	1.69	52	.13	3	1.35	.01	.41	1	310
90C-20-X22	4	3196	16	66	1.5	12	17	581	3.24	4	5	2	1	90	2.1	6	2	62	2.86	.153	3	20	1.37	37	.09	2	1.35	.02	.28	1	58

90C-20-X23	3	2951	9	87	1.4	21	26	834	5.41	3	5	2	1	162	2.2	5	2	64	5.81	.465	5	20	1.13	31	.02	3	1.27	.01	.25	1	740
90C-20-X24	4	3487	2	84	1.6	20	22	547	4.77	5	5	2	1	57	1.2	7	2	119	1.76	.358	6	16	1.47	98	.07	2	1.59	.03	.22	1	110
90C-20-X25	3	1221	7	48	1.0	9	21	991	4.17	6	5	2	1	250	2.6	6	2	80	9.59	.331	6	19	1.01	28	.08	5	1.27	.02	.14	1	42
90C-20-X26	3	2633	2	87	1.1	25	19	1007	6.10	2	5	2	1	110	2.3	8	2	148	5.06	.386	7	36	1.81	67	.07	4	1.95	.03	.14	1	80
90C-20-X27	2	3382	8	110	1.2	5	16	1166	6.07	2	6	2	1	334	1.5	9	2	56	8.42	.236	5	23	2.05	46	.01	2	2.06	.02	.32	1	22
90F-20-K05	1	1087	3	58	.8	5	7	2117	2.56	2	5	2	1	249	1.2	3	2	53	11.70	.087	2	17	1.05	11	.06	2	1.21	.02	.05	1	6
90F-20-W23	1	23	2	8	.1	1	2	537	.44	2	5	2	1	686	.2	4	2	12	38.53	.019	2	5	.31	12	.02	2	.20	.01	.11	1	5
90G-20-W18	1	2260	12	42	1.9	3	12	714	2.35	2	5	2	1	125	.7	4	2	23	6.10	.121	2	11	.94	98	.01	2	1.26	.02	.40	1	12

ELEMENT SAMPLES	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-20-W26	1	1116	13	77	.2	5	16	682	3.06	2	5	2	1	48	.7	3	2	43	1.60	.038	2	9	1.46	24	.09	2	1.60	.02	.10	1	430
90G-20-W27	4	717	13	37	.3	6	78	321	2.72	5	5	2	1	61	.2	2	2	17	1.77	.036	2	33	.13	43	.01	2	.47	.01	.29	1	640
90G-20-X15	1	5812	2	22	.1	4	20	914	1.61	4	5	2	1	303	.2	2	2	3	4.98	.005	2	10	.93	273	.01	2	.41	.01	.13	1	35
90G-20-X16	5	3532	10	22	1.7	9	20	549	1.97	5	5	2	2	87	.2	2	2	11	2.72	.174	2	10	.98	49	.01	3	.54	.01	.40	1	13
90G-20-X17	6	15206	17	72	.7	55	39	366	9.37	2	9	2	1	27	1.2	8	3	106	.65	.324	3	35	2.37	21	.01	2	2.67	.03	.25	1	110
90G-20-X18	13	3890	8	18	2.3	11	20	214	2.20	5	5	2	1	60	.2	2	2	10	.92	.027	2	5	.39	24	.01	2	.46	.01	.36	1	22
90G-20-X19	2	20896	5	35	1.8	13	44	1142	3.57	7	5	2	1	133	4.3	2	2	10	3.50	.074	2	11	1.26	69	.01	2	.79	.01	.22	1	6
90G-20-X28	3	1907	11	103	.9	12	23	862	5.63	2	5	2	1	122	1.8	6	2	104	1.84	.068	3	44	2.36	72	.15	2	2.32	.04	.14	1	16
90G-20-X29	1	2711	13	127	.3	8	26	886	5.83	3	5	2	1	127	.9	7	2	82	1.04	.149	2	11	2.37	106	.14	2	2.86	.03	.11	1	12

SOIL SAMPLE ASSAY RESULTS

SAMPLE	Cu (ppm)	Au (ppb)
90S-20-A01	168	12
90S-20-A02	200	67
90S-20-A03	93	2
90S-20-A04	157	7
90S-20-A05	257	7
90S-20-A06	100	7
90S-20-A07	173	9
90S-20-A08	94	4
90S-20-A09	37	2
90S-20-A10	53	5
90S-20-A11	361	11
90S-20-A12	289	38
90S-20-A13	140	7
90S-20-A14	160	12
90S-20-A15	125	4
90S-20-A16	102	12
90S-20-A17	175	6
90S-20-A18	108	2
90S-20-K01	211	15
90S-20-W01	472	62
90S-20-W02	672	21
90S-20-W03	100	15
90S-20-W04	125	14
90S-20-W05	302	40
90S-20-W06	224	42
90S-20-W07	252	45
90S-20-W08	385	150
90S-20-W09	1114	240
90S-20-W10	1012	120
90S-20-W11	1323	40
90S-20-W12	351	15
90S-20-W13	228	13
90S-20-W14	142	15
90S-20-W15	291	16
90S-20-W16	1005	110
90S-20-W17	211	15



SOIL SAMPLE ASSAY RESULTS

SAMPLE	Cu (ppm)	Au (ppb)
90S-20-A01	168	12
90S-20-A02	200	67
90S-20-A03	93	2
90S-20-A04	157	7
90S-20-A05	257	7
90S-20-A06	100	7
90S-20-A07	173	9
90S-20-A08	94	4
90S-20-A09	37	2
90S-20-A10	53	5
90S-20-A11	361	11
90S-20-A12	289	38
90S-20-A13	140	7
90S-20-A14	160	12
90S-20-A15	125	4
90S-20-A16	102	12
90S-20-A17	175	6
90S-20-A18	108	2
90S-20-K01	211	15
90S-20-W01	472	62
90S-20-W02	672	21
90S-20-W03	100	15
90S-20-W04	125	14
90S-20-W05	302	40
90S-20-W06	224	42
90S-20-W07	252	45
90S-20-W08	385	150
90S-20-W09	1114	240
90S-20-W10	1012	120
90S-20-W11	1323	40
90S-20-W12	351	15
90S-20-W13	228	13
90S-20-W14	142	15
90S-20-W15	291	16
90S-20-W16	1005	110
90S-20-W17	211	15