10/88

LOG NO: 1221 RD.
ACTION:

FILE NO: 87-915-16653

ASSESSMENT REPORT ON

GEOLOGICAL and GEOCHEMICAL SURVEYS

ON THE

JOLLY PROPERTY

(AH, CH, HO, Mineral Claims, Lemon, Old England, Victoria, Snowden Crown Granted Mineral Claims)

GREENWOOD MINING DIVISION, B.C.

NTS:	82E/3E
Latitude:	49°06'45" North
Longitude:	119°08'12" West
Owner:	Art Hook & Cyril Heady
Operator:	~~Brican Resources Ltd.~~ Minnova Inc.
Consultant:	Discovery Consultants
Author:	B. W. Kyba
Date:	September 09, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,653

FILMED

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LIST OF ILLUSTRATIONS

INTRODUCTION

The Jolly property between Oliver and Rock Creek, B. C., covers several old gold, silver showings discovered at the turn of the century. Limited detailed geological mapping and rock sampling were done on the property to evaluate its potential to host an economic gold deposit.

The results were encouraging and further exploration is recommended.

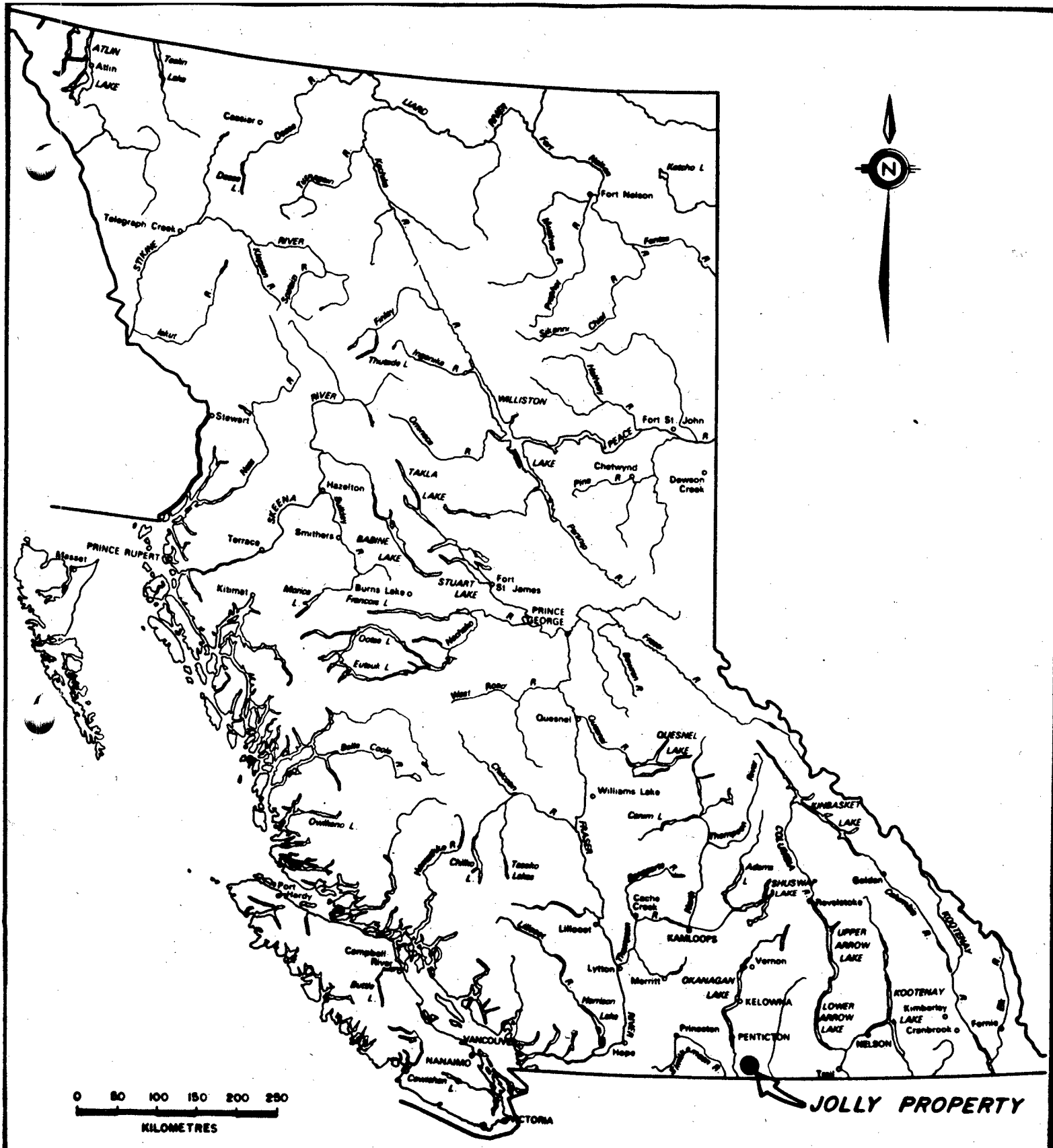
LOCATION, ACCESS, TOPOGRAPHY

The JOLLY property is located on the south side of Rock Creek approximately 5.5 km east of Camp McKinney on the far southeastern slope of Mount Baldy. The village of Oliver is 40 km to the west of the property and the Rock Creek Bridge on highway 3 is 13 km to the south south-west (figure 1).

The National Topographic System reference is 82E/3E and the co-ordinates of the center of the AH claim is 49°06.5' north and 119° 08' west. The legal corner post is 2.4 km at 235° azimuth from the south end of Little Fish Lake at an elevation of 1155m and 400m at 235°azimuth from the Jolly Lake access road from a point, 460m northwesterly,from where the road crosses Rock Creek.

Access to the center of the property is provided by trails leading from the Mt. Baldy ski access road at km 13 from the Rock Creek Bridge on highway 3. Access can also be gained via the Oliver-Mt. Baldy ski road from Oliver. Oliver is the nearest major centre 40 km to the west of the property.

The property is located on the low southeastern slope of Mt. Baldy (2300 m). The claim is cut by Rock Creek which flows year round in a narrow canyon from its headwaters on Mt. Baldy to its junction with the Similkameen River at the hamlet of Rock Creek. Elevations on the property range from 1060m to 1200m above sea level.



DISCOVERY Consultants

MINNOVA INC.

JOLLY PROPERTY
LOCATION MAP

Date : Sept. 1987	Scale : as shown
Project : 281	N.T.S. : 82 E / 3 East
Figure : 1	Mining Division : Osoyoos

PROPERTY

Brican Resources Ltd. optioned the JOLLY property from Art Hook and Cyril Headey in July of 1987 and has the right to acquire a 100% interest in the property (figure 2).

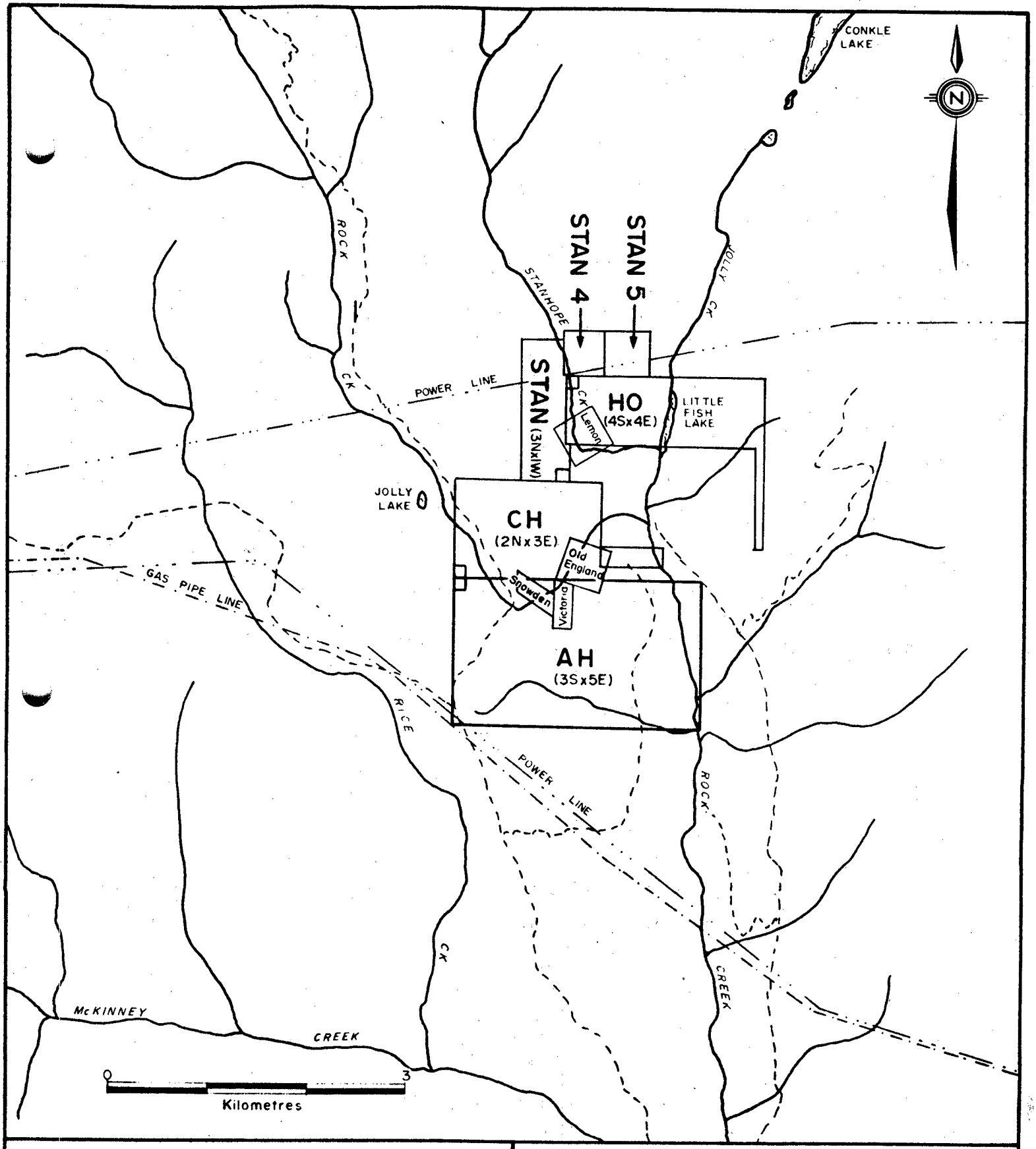
The property is comprised of the following claims:

CROWN GRANTS

Claim Name	Lot No.
Victoria	L218
Snowden	L583
Old England	L658
Lemon	L760

LOCATED CLAIMS

Claim Name	Record No.	Units	Record Date	Owner	Expiry Date
CH	1329	6	Oct.4/78	Cyril Headey	Oct.4/88
AH	1350	15	Oct.4/78	Art Hook	Oct.4/87
STAN	2897	3	Oct.9/81	Cheshire Exp.	Oct.9/87
STAN #4	2898	1	Oct.9/81	Cheshire Exp.	Oct.9/87
STAN #5	2899	1	Oct.9/81	Cheshire Exp.	Oct.9/87
HO	4572	16	May 7/86	Art Hook	May 7/89



DISCOVERY Consultants

MINNOVA INC.

JOLLY PROPERTY
CLAIM MAP

Date : Sept. 1987	Scale : 1:50,000
Project : 281	N.T.S. : 82 E/3 E
Figure : 2	Mining Division : Osoyoos

HISTORY

Gold was discovered in the canyon of Rock Creek in 1860 by prospectors travelling north from the gold fields of California. Initially a placer district, lode deposits were found in the area of the JOLLY property in 1884. These were the first lode deposits in the area, and predate the discovery and development of the well known McKinney Camp 5.5 km to the west. One shipment of hand selected vein material made from the Victoria #1 tunnel, located on the Victoria Crown Grant, in the mid 1880's, averaged 2.15 opt gold and 5.2 opt silver.

Camp McKinney to the west of the property, has produced 82,000 ounces of gold from 137,000 tons of ore (0.6 opt gold) over the past century of intermittent production.

GEOLOGY

The JOLLY property lies within the Intermontane Belt of southern British Columbia. Regionally, the area is underlain by Permo-Triassic volcanic and sedimentary rocks of the Anarchist Group. These rocks have been intruded by Cretaceous stocks and plutons. Tertiary stocks and volcanics, of intermediate and syenitic composition, intrude and overlie older rocks over a large area and form a distinct alkalic province in South Central B.C.

On the property, the Anarchist rocks form a volcano-sedimentary sequence over 1000 m thick. Greenstones and diorite of map unit 1b grade upwards through a sedimentary sequence (map unit 2) which in turn grades upwards to a tuffaceous sedimentary sequence (map unit 1c Figure 3).

Cretaceous intrusive rocks are limited to the northeastern portion of the property. The central portion of the property is underlain by Tertiary rocks of syenitic to quartz latite composition.

One large fault and several smaller subparallel fault zones trend north north-easterly through the property.

Alteration and mineralization on the property is of two types. A fissure vein filling type, of historic significance, and a second type, occurring over a wide zone of sheared and altered volcanic rock that is parallel to and includes the vein type, has been the focus of the most recent exploration.

Greenstone (map unit 1a)

Map unit 1a occurs in the central portion of the property and was mapped as a distinct unit on the basis of alteration and deformation of what was originally map unit 1b.

Greenstone of 1a is light to dark green, fine to very fine grained, calcareous, highly sheared and schistose and talcose in part. The unit occurs within a wide north northeast trending fault zone and several smaller subparallel fault zones and includes blocks (?) of less altered greenstone that have locally a well developed porphyritic texture. In outcrop, the sheared greenstone is very pale green, highly fractured and platy weathering in part. Contacts with less altered sediments and greenstones (map units 1b and 2) are sharp faults.

Greenstone (map unit 1b)

Map unit 1b occurs to the east of Rock Creek and north of Stanhope Creek over large areas.

Greenstone of 1b varies from light and dark green, fine crystalline tuffaceous greenstone to dark green, massive, fine to medium crystalline hornblende porphyritic diorite. Textures vary over individual outcrops and the unit may be a dyke or sill-like intrusion or flow. Weakly developed foliations in greenstone trend northeasterly and dip at a low angle to the northwest.

Contacts between 1a and surrounding units are most commonly faults. In the canyon of Rock Creek, greenstone appears to be gradational to tuffaceous greenstone with argillite and limy interbeds (map unit 1c).

Greenstone (map unit 1c)

Map unit 1c occurs in the western half of the property over a large area.

Greenstone of 1c is light green and dark brown, fine crystalline, calcareous, argillaceous and contains minor marble bands. In outcrop it is blocky jointed and massive.

A weak foliation that parallels bedding (?) trends northeast and dips at low angles to the northwest.

Contacts to map unit 2 appear to be irregular but are poorly exposed.

Argillite (map unit 2)

Map unit 2 is exposed only in the canyon of Rock Creek and occurs as narrow lenses within greenstone.

Argillite and quartz mica schist are not common, but in the area east of Rock Creek chert beds are common.

The argillite is dark brown and blocky.

Quartz mica schist is dark brown with elongate white quartz knots, commonly to 10% of the rock. Foliation varies from north northwest to northeast and dips to the west.

Chert is light brown to buff, microcrystalline and forms narrow beds up to 6cm thick. Beds trend north northeasterly and dip steeply to the west.

In outcrop the unit is blocky.

Marble (map unit 3)

Map unit 3 outcrops in the north eastern part of the property.

Marble is light brown, tan, medium to coarse crystalline, argillaceous in part and massively bedded. Weak foliation along argillaceous bands trends north north east and dips west.

In outcrop, marble is rubbly and cavernous weathering in part.

Orthogneiss (map unit 4)

Map unit 4 outcrops in the far northeastern corner of the property.

Orthogneiss is well developed along fault contacts to older marble (map unit 3) and grades(?) to light grey foliated hornblende granodiorite away from the marble contact areas.

Strike of foliation varies from eastwest to northwest and dips vary from steep north to steep southwest.

Quartz latite (map unit 5)

Map unit 5 outcrops along the Little Fish Lake access road in the east central area of the property.

Quartz latite is tan and light buff, medium to fine crystalline with rare, rounded quartz eyes to 2mm across. In outcrop it is platy weathering with an earthy texture.

Buff, coarse grained arkose with poorly developed graded bedding occurs as minor interbeds (?) with the latite flows.

Trachyandesite/syenite (map unit 6)

Large outcrops of map unit 6 occur over a large area in the central portion of the property.

Biotite, feldspar, trachyandesite is dark brown-red to brown, microcrystalline and grades to red-brown and pink, medium crystalline biotite syenite.

The unit weathers to pocketed rounded outcrops.

Faults, Alteration and Mineralization

Two distinct ages and sets of faults are present on the JOLLY property and have been the main areas of later alteration and mineralization.

The largest fault zone trends 010° and dips 80° east. It is 100m wide and can be traced through the canyon of Rock Creek along strike, for over 600m. Several smaller fault zones parallel this major fault to the west and north. In each case, these faults have sheared and brecciated the greenstone to such a high degree that a mappable unit has been identified (map unit 1a).

A second set of faults trending 070° and dipping 65° North offsets shears and gouge zones of the main fault zone and further brecciates map unit 1a.

Alteration within the fault zones is of several ages. Associated with the main fault zone and subparallel north northeast trending faults is a pervasive chloritization of greenstone. A less well defined but common alteration is secondary calcite as disseminated grains and veins and rare fissure filling quartz veins. The 070° younger faults appear to have a separate weak silicification, hematite and locally apple green clay alteration association.

Mineralization in the 010° trending fault zones occurs as weak pervasive pyrite, rare chalcopyrite and gold in sheared and chloritized greenstone, and banded fine to medium crystalline pyrite, arsenopyrite, galena, sphalerite and chalcopyrite with gold and silver values in fissure filling quartz veins. The younger fault set contains quartz veins and silicified zones, with finely banded and disseminated pyrite, that have associated gold and silver values. (See Appendix A.)

GEOCHEMICAL SURVEYS

Rock Sample Survey

Operations

Ninety-two rock chip samples were collected from outcrops on the JOLLY property. The location of all rock samples are shown on figure 3. Descriptions of all rock samples are presented in APPENDIX A of this report.

The rock chip samples were collected in plastic sample bags and shipped to Bondar-Clegg for analysis. Eighty-two were analysed for gold by the fire assay/atomic absorption method using a 30 gram split of -150 mesh fraction using aqua regia solution and by the D. C. Plasma-Atomic Emission Spectroscopy method for Ag, Cu, Mo, Pb, Zn, As, Sb, Ba, Co, and Tl. Ten samples were assayed for gold and platinum. Analytical results for all samples are presented in APPENDIX A.

Discussion of Results

Gold

Select samples of narrow fissure filling sulphide banded quartz veins returned the highest values for gold. Sample WG284 assayed 1.743 opt gold and several other samples of vein material contained greater than 0.1 opt gold. Chip samples of altered greenstone with disseminated pyrite from the main fault zone contained erratically distributed anomalous gold values. Sample WG275, a 3 m chip of altered greenstone assayed 0.075 opt gold. From the same outcrop eight samples over 14.3 m contained a weighted average of 0.042 opt gold. (WG275 to 284). A one meter chip (281-87bk-13) of altered greenstone from a small north

northeast trending fault zone east of the main fault zone contained 340 ppb gold. Chip samples across the younger northeast trending fault zones of silicified and clay altered greenstone also contained anomalous gold values. Sample 281-87bk-21 contained 4100 ppb gold and was taken across 1.5 m.

Silver

Highest value for silver was 15.0 ppm from a select sample off the dump of an old adit on the western boundry of the property (281-87bk-35).

The fissure type quartz veins contained weakly anomalous amounts of silver. All other rock samples contained trace values.

Other Metals

The fissure type veins contained anomalous amounts of copper, lead and zinc.

Altered greenstone from the main fault zone and from the younger fault zones contained weakly anonalous amounts of copper.

Values for all other metals were low.

CONCLUSIONS AND RECOMMENDATIONS

The JOLLY property overlies a large zone of intensely faulted altered and mineralized tuffaceous greenstone of the Permo-Triassic Anarchist Group.

Within fault zones narrow fissure filling quartz veins contain significant gold values and altered greenstone contains anomalous gold values over significant widths.

A detailed exploration programe to determine the full extent of the mineralized greenstone is recommended.

REFERENCES AND SELECTED BIBLIOGRAPHY

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Peatfield, G., 1978. The Boundary District Unpublished Ph. D. Thesis, University of British Columbia.

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Wilmott, A. D., 1986, Mineral Properties of Cyril Heady and Art Hook, private report.

STATEMENT OF COSTS

1).	**Professional Services**		
	K.L. Daughtry -field work August 21, 1987 1 day @ $350/day	$ 350.00	
	W.R. Gilmour -field work October 8, 1986 1 day @ $300/day	300.00	
	B.W. Kyba -field work June 29,30 1987 July 1,2,3,13,14 1987 August 21, 1987 8 days @ $300/day	2400.00	
	-Data compilation, Report writing 3 days @ $300/day	900.00	$4250.00
2).	**Contracting Services**		
	D.E. MacKenzie -Field work July 13,14 1987 2 days @ $200/day	400.00	
	S. Maltby -Drafting	336.00	
	R. Ryziuk -Drafting	450.00	1186.00
3).	**Geochemical Analysis**		
	Au geochem + 10 element D.C.P. 82 @ 13.50	1107.00	
	Au & Pt assays 10 @ 25.00	250.00	
	Sample Preparation 92 @ $3.25	299.00	1656.00
4).	**Transportation**		
	4 x 4 truck 9 days @ $70/day		630.00
5).	Accommodation, meals		415.00
6).	Maps, Printing expense		250.00
7).	Office Expense		175.00
8).	Secretarial Report preparation		350.00
		Total:	**$8912.00**

STATEMENT OF QUALIFICATIONS

I, B.W. KYBA of R.R.1, Falkland, B.C., DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist in the mineral exploration business and am employed by Cedar Hill Gold Corporation, Falkland, B.C.

2. I have been practising my profession in British Columbia, Alberta, Saskatchewan, the Yukon Territory, Colorado and Nevada for 13 years.

3. I am a graduate of the University of Alberta with a Bachelor of Science degree in geology.

4. I am a Fellow of the Geological Association of Canada, a Professional Geologist of Alberta, and member of the Canadian Institute of Mining and Metallurgy.

5. This report is based upon knowledge of the JOLLY property gained from exploration work on the property.

Barry Kyba

B.W. Kyba

Vernon, B.C.

October 19, 1987

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

AND ANALYTICAL RESULTS

Collector: WRG
Project: 283
Map Ref.: BASEMAP
Map Scale: 1:5000
Date: OCTOBER 8, 1987
Area: JOLLY PROPERTY

Sample Number	Location/Description	Sample ID	Au	Pt
WG 275	rock o/c in Rock Creek canyon: "serpentine" +/- pyrite, calcite veinlets over 3.0 m	WG275	0.075	-0.002
276	3.0 m chip as above	WG276	0.009	-0.002
277	3.0 m chip as above	WG277	0.004	-0.002
278	0.6 m chip serpentine w/more alteration (lighter colour) pyrite to 1-2%	WG278	0.005	-0.002
279	0.9 m chip grey siliceous rock with brecciated quartz vein, green clay minerals with pyrite @ 3%	WG279	0.023	-0.002
280	1.8 m chip "talc" feeling greenstone, green clay minerals, quartz vein stockwork with pyrite, galena and quartz stringers	WG280	0.006	-0.002
281	1.0 m chip of grey gouge with green clays and quartz veining with 5% sulphides (true width of shear @ 0.4 m)	WG281	0.28	-0.002
282	grab sample select sample of rusty small quartz veins with 10% pyrite	WG282	0.233	-0.002
283	serpentine chip over 1.0 m with talc surfaces on fractures	WG283	0.015	-0.002
284	select grab of quartz vein with 5-10% pyrite	WG284	1.743	-0.002

Collector: BWK
Project: 283 JOLLY PROPERTY
Map Ref.:
Map Scale: 1:5000
Date: JUNE 30 - JULY 3
Area: Property Detail

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
281-87bk-01	along trail to top of Victoria #2, southside of Rock Creek, chip from large glaciated outcrop along fractures, trace desseminated blebs fine grained pyrite	18	-5	100	5	-0.5	28	-2	-5	-5	-9	-5
02	0.3 m chip across bx'd shear zone of Victoria #2, grey cherty argillite with local pods of pyrite, aspy, rusty outcrop in slough, stope to surface here	40	41	40	3	-0.5	11	2	21	-5	-9	10
03	3-6 m chip across bx'd zone of Victoria #2 - no distinct vein here in intensely bx'd cherty argillite	28	13	28	2	-0.5	7	-2	-5	5	-9	-5
04	chip from outcrop of massive blocky greenstone in hanging wall of Victoria #2 shear	36	-5	43	2	-0.5	8	-2	-5	-5	-9	-5
05	chip from outcrop over 1m of sheared, light green, chl schist/talc schist in footwall of Victoria shear, minor quartz veining and pyrite	36	14	60	1	-0.5	9	-2	12	-5	-9	-5
06	1 m wide chip from wall of short adit just north of Victoria #2, surface exp of 02,03,04 05 of Fe stn'd bx'd chty argillites and argillites	68	19	24	4	0.6	3	-2	22	14	-9	10
07	1 m chip across bx'd Fe stained blk argillite below thick chert unit north of 06, blue flagging 1+80s/0 + 40W, #81896	620	19	167	12	1.1	36	-2	32	7	-9	10
08	from dump of Victoria #2, section through dump cut by Rock Creek of lt green, chl schist, highly sheared, with broken white quartz vnlts common, subparallel set?	111	-5	50	2	-0.5	22	-2	15	-5	-9	60

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
09	very select grab of white bx'd qtz vn with weakly developed banded sulphides of medium xtalline pyrite, aspy, galena & sphal? (hdspc)	505	692	2708	2	2.5	5	-2	139	-5	-9	4900
10	very select grab from dump of Victoria #1 adit area, of white "crackled" quartz vein with bands of medium xtalline pyrite, galena, cpy, aspy & sphal?	433	4121	12981	4	8.5	9	7	266	5	-9	7900
11	3 m chip over chl schist at portal of Victoria #1 minor quartz veining and calcite veining, shearing post veining	94	133	344	2	-0.5	18	-2	-5	-5	-9	100
12	0.5 m chip across rusty quartz vein in sheared chl schist above partially caved adit, vein with fine xtalline galena, py, aspy & trace cpy as discontinuous stringers and bands	477	5308	6493	3	9	15	5	343	-5	-9	6400
13	1 m chip across quartz veined light green, chl schist, veining with medium xtalline pyrite and trace galena as discont. bands and stringers in vein, veins up to 1" wide @ 2/m	57	639	698	1	-0.5	7	-2	42	-5	-9	340
14	grab from dump in Creek of bright, orange-red, brown, clay gouge, argillized pyritic shl schist? or seds @ seds/chl schist contact - clay filled fault zone?	30	247	372	-1	-0.5	32	-2	343	-5	-9	25
15	3 m chip across 3 m wide quartz vein "crackled" with minor Cu stn'g and pyrite "knots" - old standard Gold adit area below falls in Rock Creek --south side	2125	133	339	1	0.5	5	-2	31	5	-9	55
16	1 m chip of footwall, pyritic blk argillites with quartz veining, to quartz vein of #15, grades to mica/quartz schist away from fault contact	156	67	183	2	-0.5	10	-2	74	-5	-9	25
17	o.5 m chip of "highgrade" adit vein in fault zone of intensely shattered & Fe, stn'd quartz and chl. schist	271	328	1650	2	-0.5	18	-2	259	-5	-9	1150
18	2 m chip across footwall of vein in light green chl. schist	29	26	177	1	-0.5	17	-2	15	-5	-9	5

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
19	2 m chip across hanging wall of vein in light green chl. schist.	70	13	230	1	-0.5	18	-2	20	-5	-9	60
20	0-5 m of light and dark green mottled, highly sheared chl-talc schist with minor white quartz veinlets to 5 mm across, trace disseminated pyrite and rare visible gold??-CHALCOPYRITE?? (handspecimen)	29	6	76	1	-0.5	18	-2	-5	-5	-9	15
21	5-6.5 m (1.5 m) bright apple green stn'd siliceous talc - chlorite schist, with broken white quartz/calc veinlets to 2mm, with fine grained pyrite to 0.25% in veins and schist, highly altered rock	134	1396	281	-1	0.8	20	-2	156	-5	-9	4100
22	6.5-11.5 (5m) chip of Lt grn/dark green mottled, highly sheared calc-talc schist with 5-10 mm quartz calcite veinlets, trace pyrite	35	101	99	1	-0.5	16	-2	107	-5	-9	10
23	11.5-16.5m (5m) as above, blocky jointed	37	27	95	2	-0.5	22	-2	73	-5	-9	55
24	16.5-21.5 m (5m) dark green mottled light green ipt, talc-chl schist/greenstone? with/trace trace disseminated fine grained pyrite and minor white quartz calcite veinlets to 2mm across	57	6	75	2	-0.5	21	-2	6	-5	-9	10
25	21.5-26.5 (5m) as above	46	-5	65	1	-0.5	20	-2	-5	-5	-9	15
26	select grab from dump of Victoria adit #2 downstream of grey argillized greenstone or clay? - very old trench area?	39	242	208	2	-0.5	19	-2	171	-5	-9	150
27	2m chip across small shear zone in dark green talc-chlorite-schist, trace disseminated pyrite, rare quartz-calcite fragments of vein material in fault zone	16	-5	35	1	-0.5	22	-2	-5	-5	-9	-5

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
28	1.5 m chip across bedding of Mn stained argillite, shattered throughout with minor calcite veining - grades to greenstone	12	11	114	3	-0.5	29	-2	14	-5	-9	-5
29	3m chip across strike of sheared and Fe stained argillite in greenstone, with graditional contacts	82	96	184	1	-0.5	13	-2	11	5	-9	-5
30	2m chip of brecciated, dark green greenstone/ fine grained hornblende diorite, grades to blocky jt'd, massive greenstone over several feet	40	-5	92	2	-0.5	33	-2	-5	-5	-9	-5
31	random chip from outcrop of dark grey, brown biotite feldspar trachyandesite-lava? blocky, ipt, platy in part - Tertiary rocks	25	29	78	2	-0.5	18	5	-5	20	-9	-5
32	3 m chip from Mn stn'd, fine grained, chloritized hornblende diorite, hanging wall of vein showing in power line right-of-way	33	-5	71	2	-0.5	24	2	-5	-5	-9	-5
33	1 m wide chip across intensely Fe stained, altered diorite and 0.2 m wide white quartz vein with medium xtalline pyrite, aspy, common to 2% as vuggy fillings, stringers, blebs	353	14	13	3	1.2	7	-2	-5	7	-9	5
34	3m chip from footwall of vein of #33, of Mn stn'd hornblende diorite, fine grained, grades to greenstone in part	31	-5	48	2	-0.5	6	-2	-5	5	-9	-5
35	"Ecquador" CG area or test grid area of NorWest, select sample of dump from old adit of quartz vein in siliceous greenstone with strong foliation @ 90° to vein with cpy, py, aspy and sphal.	762	661	11883	-1	15	47	10	942	-5	-9	80
36	outcrop chip of Fe stained, blocky jointed dark green, mottled brown, argillaceous greenstone - near diorite contact @ head of Stanhope Canyon	73	43	788	2	-0.5	16	7	48	-5	-9	-5
37	chip from outcrop of old open cut across creek from Lemon workings of sheared hem. stn'd greenstone cut by hornblende diorite dykes	74	16	305	1	-0.5	19	-2	12	-5	-9	-5
38	2m chip of hanging wall, of hem. stained, shattered, arg greenstone at adit of lemon workings	28	13	49	0	-0.5	17	8	38	1	-9	15
39	0.5 m across fault gouge in back of Lemon portal, "crushed" arg greenstone and greenstone	11	10	53	2	-0.5	17	-2	-5	-5	-9	-5
40	2m of footwall of Lemon vein? of bx'd dark green greenstone	17	8	38	1	-0.5	15	2	-5	-5	-9	-5

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
281-87bk-41	3m chip across zone of shattered argillaceous greenstone with hematite stain'g and bands of pyritic hfls - pyrite disseminated and on fractures, hard dense rock, pyrite to 0.5% from outcrop on Stanhope Creek at end of old sloughed cat road	52	11	81	1	-0.5	31	-2	-5	-5	-9	-5
42	0.2m of dark grey, green, clay gouge and bx'd greenstone, talc-chlorite schist, developed along numerous small shears	19	36	151	1	-0.5	19	-2	-5	-5	-9	-5
43	grab from resistant outcrop of argillaceous calcareous greenstone and limy argillite with disseminated and fracture fine grained pyrite and aspy to 0.25%	12	5	137	2	-0.5	27	-2	-5	-5	-9	-5
44	grab from road outcrop of white/buff fine to medium xtalline quartz latite flow? - GSC mapped this as sediments at base of Tertiary?	-1	21	41	-1	-0.5	3	-2	-5	-5	-9	-5
45	grab from outcrop of coarse crystalline? broken quartz F latite - tuff?	-1	21	27	-1	-0.5	2	-2	-5	-5	-9	-5
46	grab from small outcrop of fine grained biotite, weakly calcerous, weakly sheared greenstone, near Tertiary surface here	18	24	108	-1	-0.5	17	-2	-5	-5	-9	-5
47	1 m chip from very old cut of bx'd sheared, argillite marble, Fe stained and brown orange weathering, silicified in part	2	7	16	-1	-0.5	53	-2	-5	-5	-9	-5
48	0.5 m chip from outcrop of Fe stained argillaceous marble and medium grey and white banded marble - chip across old test pit	55	5	93	1	-0.5	20	-2	-5	-5	-9	-5
49	grab from outcrop of dark green strongly foliated, greenstone, calcareous greenstone, trace disseminated pyrite	117	15	83	1	-0.5	22	-2	-5	-5	-9	-5

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
50	0.3m white, shattered quartz vein with chlorite bands and blebs of bright yellow red xtalline pyrite and pyrite paint from 10' deep pit	17	10	24	1	-0.5	3	-2	-5	-5	-9	-5
51	1 m chip from hanging wall of #50 vein, rusty, Fe stained metaargillite, argillaceous greenstone	37	11	18	-1	-0.5	2	-2	-5	6	-9	-5
52	select from dump of 8' deep pit of quartz vein, bx'd, with meta-argillite fragments, heavy Fe. staining	80	11	19	3	-0.5	4	-2	-5	7	-9	35
53	grab from outcrop at Rock Creek Bridge of dark green, strongly foliated greenstone with minor quartz-calcite knots and veinlets with trace pyrite	51	-5	93	3	-0.5	34	-2	-5	-5	-9	-5
54	@ quartz mica schist and greenstone contact, grab of quartz mica schist with minor quartz veinlets with trace pyrite and fine crystalline galena?	33	6	90	1	-0.5	38	-2	64	-5	-9	-5

Collector: BWK, EM
Project: 283
Map Ref.: Base Map
Map Scale: 1:5000
Date: July 13 - 14
Area: Victoria #2 adit

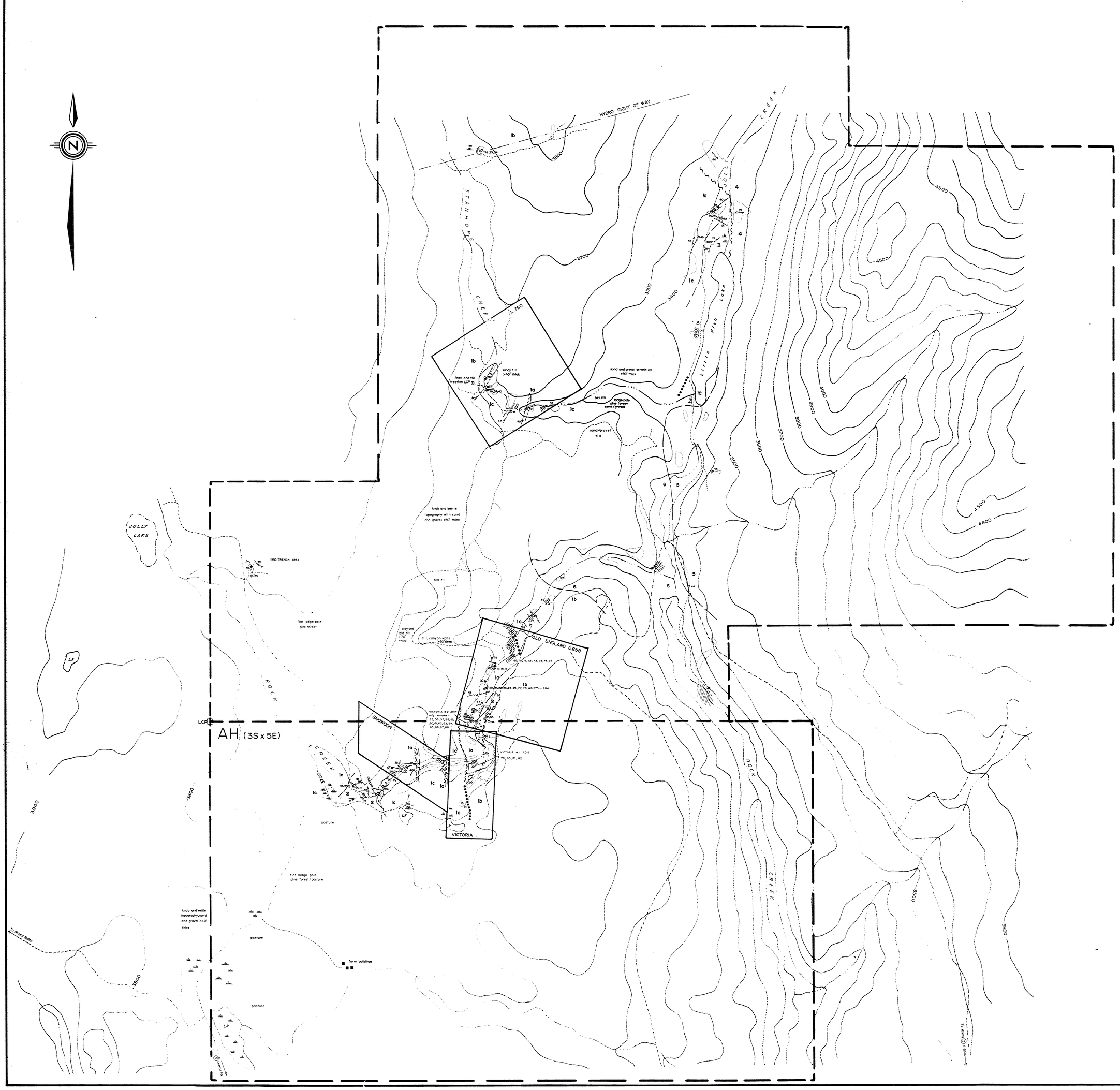
Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
281-87bk-55	0-3 m light green chlorite schist with minor quartz calcite veining, broken in small later shears, samples from portal along left wall.	45	10	84	3	-0.5	18	-2	-5	-5	-1	130
56	3-6 m as above	23	-5	53	3	-0.5	28	-2	11	-5	-1	45
57	6-9 m as above	5	-5	55	2	-0.5	26	-2	-5	5	-1	15
58	9-12 m as above	47	-5	48	2	-0.5	24	-2	-5	-5	-1	5
59	12-15 m as above	35	-5	60	3	-0.5	26	-2	51	-5	-1	15
60	15-18 m as above	22	-5	53	2	-0.5	27	-2	114	-5	-1	5
61	18-21 m as above	54	-5	74	2	0.5	30	-2	6	-5	-1	-5
62	21-24 m as above	23	-5	66	2	-0.5	27	-2	8	-5	-1	10
63	24-27 m as above	92	-5	61	2	-0.5	32	-2	-5	-5	-1	10
64	27-30 m as above	22	-5	63	2	-0.5	23	-2	40	-5	-1	-5
65	30-33 m as above	14	-5	46	3	-0.5	24	-2	16	6	-1	-5
66	33-36 m as above	13	-5	51	2	-0.5	19	-2	16	11	-1	-5
67	36-39 m as above	35	-5	46	2	-0.5	26	-2	6	-5	-1	-5
68	39-42 m as above	44	-5	64	2	-0.5	32	-2	38	-5	-1	35

Collector: BWK, EM
Project: 283
Map Ref.: Base map
Map Scale: 1:5000
Date: July 13 - 14
Area: Rock Creek Canyon

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
281-87bk-69	outcrop across from placer workings	12	8	62	2	-0.5	22	-2	27	-5	-1	-5
	0-3 m sheared and blocky in part, chlorite schist and greenstone, hornblende porphyritic in part - to fine grained diorite in part											
70	3-6 m as above	15	-5	87	2	-0.5	29	-2	-5	-5	-1	-5
71	6-9 m as above	20	15	58	1	-0.5	13	-2	10	-5	-1	-5
72	9-12 m as above	8	14	56	2	-0.5	9	-2	-5	-5	-1	-5
73	12-15 m as above	14	8	93	2	-0.5	16	-2	-5	-5	-1	-5
74	15-18 m as above	9	8	80	1	-0.5	15	-2	-5	-5	-1	-5
75	18-21 m as above	14	11	60	1	-0.5	14	-2	-5	-5	1	-5
76	21-24 m as above	19	9	102	2	-0.5	25	-2	-5	-5	-1	-5

Collector: BWK
Project: 283
Map Ref.: Base map
Map Scale: 1:5000
Date: August 21
Area: Jolly property

Sample Number	Location/Description	Cu	Pb	Zn	Mo	Ag	Co	Bi	As	Sb	Tl	Au
281-87bk-77	very select chip of 1cm wide, heavy sulphide quartz vein from outcrop in Rock Creek	557	274	69	7	9.3	38	<2	731	<5	<1	+10000 (0.648 opt)
78	1.5 m chip of apple green clay, altered, silicified greenstone on 070° fault zone, trace fine grained disseminated pyrite and small blebs of galena and sphalerite? (re-sample)	27	508	325	<1	<.5	19	<2	59	<5	<1	160
79	0-3 m footwall of Victoria #1 adit (re-sample) of sheared greenstone	77	15	53	<1	<.5	19	<2	<5	<5	<1	50
80	3-6 m (3m) chip along footwall from sample 79 of sheared greenstone	39	<5	45	1	<.5	21	<2	<5	<5	<1	15
81	0-3 m (3m) chip of hanging wall of Victoria #1 adit - sheared greenstone	303	<5	56	<1	<.5	24	<2	<5	<5	<1	20
82	3-3.5 m (0.5m) clay/sandy gouge of greenstone	32	<5	136	1	<.5	24	<2	<5	<5	<1	15



LEGEND

TERTIARY

6 Biotite, feldspar trachyandesite / syenite

5 Quartz latite and arkose

CRETACEOUS

4 Orthogneiss, foliated granodiorite

PERMIAN AND/OR TRIASSIC
ANACHIST GROUP

3 Marble, argillaceous marble

2 Argillite, quartz mica schist, minor chert

1a, 1b, 1c
- 1a) Greenstone, calcareous, sheared, schistose, talcose in part
- 1b) Greenstone, fine grained diorite
- 1c) Greenstone, calcareous, argillaceous, contains minor marble bands

Adit		Fe	Iron
Pit		py	Pyrite
Swamp		aspy	Arsenopyrite
Fault		gal	Galena
Attitude of fault		Cu	Copper
Attitude of vein			Attitude of foliation
Attitude of bedding			Cabin
Rock sample site			Placer area
Diamond drill hole			Breccia
Trench			Dump area of adit
Approximate contact			Legal corner post
Assumed contact			Shaft
Area of outcrop			

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,653

0 100 300 500m
Scale: 1:5000

DISCOVERY Consultants

MINNOVA INC.

JOLLY CREEK OPTION

GEOLOGY and ROCK
SAMPLE LOCATION MAP

Date:	JULY 1987	Scale:	1 : 5000
Project:	281	N.T.S.	82E / SW
Figure:	3	Mining Division:	OSOYOOS