

820209

REPORT OF WORK

GEOLOGY
MAGNETOMETER
and
ROTARY DRILL
PROGRAM

YELLOWJACKET PROPERTY
ARENT CLAIM GROUP
ATLIN MINING DIVISION
BRITISH COLUMBIA
NTS 104N/12E

Submitted by
JAM GEOLOGICAL SERVICES
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SUMMARY

Significant precious metal mineralization containing "ore" tenor gold has been won from the Yellowjacket Zone, a steeply dipping quartz-carbonate alteration zone. The zone has been drill tested on 100' centres, along 400' of trend, by three diamond drill and six rotary drill holes. All holes intersected anomalous concentrations of gold over significant widths. "Ore" tenor gold was won from four holes, the best being from hole 85-6 which reported values across a true width of greater than 100'.

The Yellowjacket Zone occurs at a structurally complex contact between serpentinite and basalt. The zone appears to have continuity along trend and to depth.

A program of additional drilling and surface surveys on contiguous ground is recommended at a cost of \$238,000.

Two drill holes, positioned at the interpreted Rock of Ages area, failed to identify economic potential.

Two holes tested carbonate altered zones and intersected anomalous gold concentrations.

1. INTRODUCTION

1.1 The Property

The Yellowjacket property consists of two contiguous mineral claims and three reverted crown grants (Figure 1) totalling about 310 acres, described as follows:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
Arent 1	3	2090	December 22
Arent 2	3	2076	December 5
Cub Fr.C.G.		2087	December 1
Wedge Fr.C.G.		2088	December 1
Discovery C.G.		2089	December 1

1.2 Location, Access, Physical and Cultural Features

An all weather gravel road, the Surprise Lake road, passes through and connects the Yellowjacket property with the community of Atlin, 9 km. to the west. Atlin lies 45 km. south of the Yukon Territory border, 190 km. south of Whitehorse, Yukon and 1,350 km. north of Vancouver, B.C. (Figure 2) A single all weather gravel road runs south to Atlin from the Alaska Highway in the Yukon.

Topographic relief on the property is slight, ranging from 850 to 900 meters. Pine Creek cuts through the centre of the property and its channel has been diverted from its original course by placer mining operations. Tailings from placer mining now cover much of the property. Open spruce and pine forest cover the low hills above Pine Creek on the south and north sides of the property.

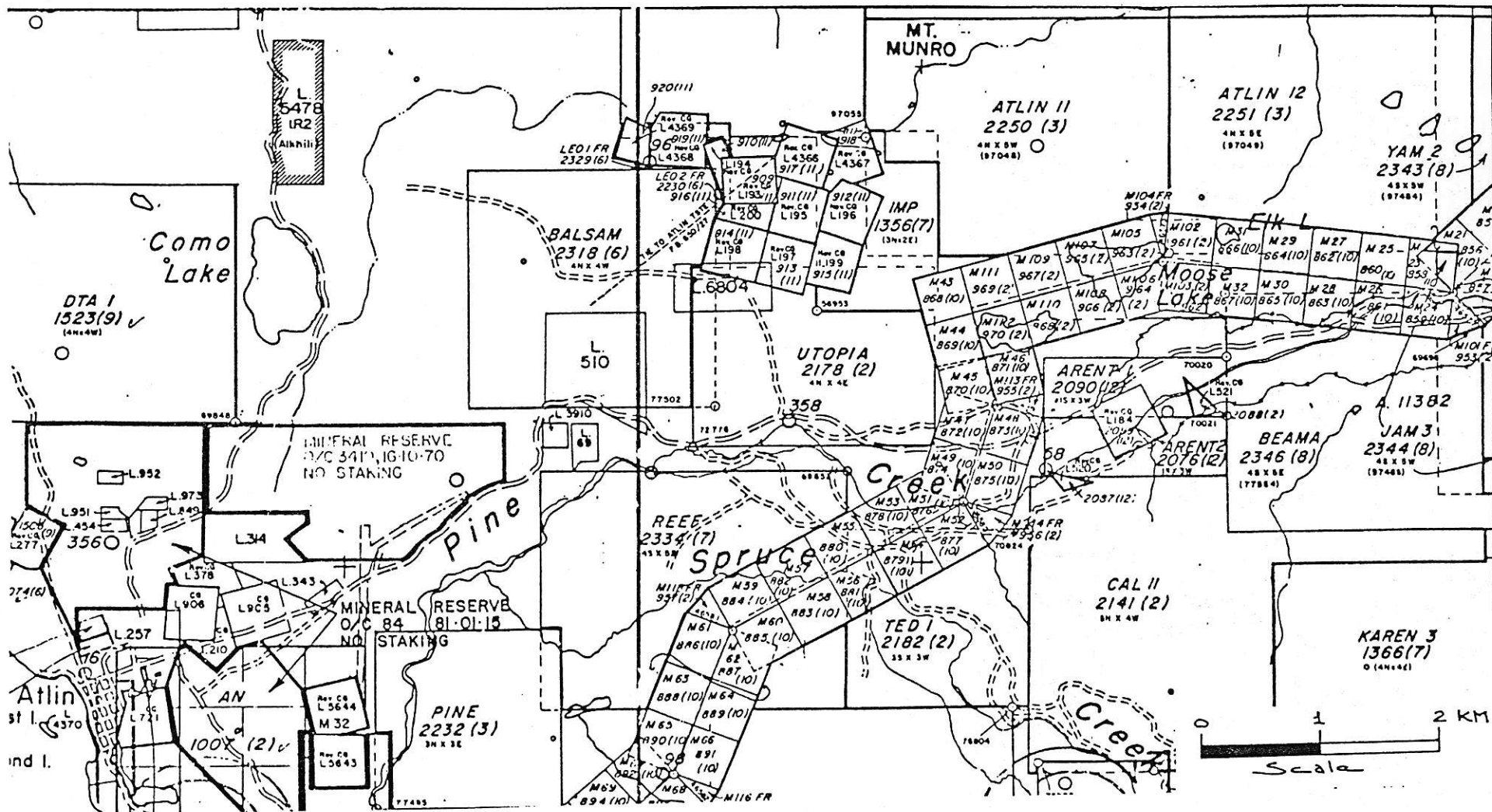


Figure 1: Arent claim group, NTS 104N/12E



Figure 2 Location map, Arent claims, Yellowjacket property

Gold production from the gravels of Pine Creek and a tributary, Spruce Creek, has been significant; 138,144 ounces and 262,603 ounces, respectively (Holland, 1950).

Atlin today is a peaceful community of approximately 250 full time residents. About 320 people live in the surrounding area.

1.3 Property History

Several outcropping quartz veins carrying spectacular free gold were located along the course of Pine Creek in 1899 by placer miners working creek gravels. The Nimrod Syndicate tied up the discoveries and shallow shafts were reported sunk on the Yellowjacket discovery (B.C. Dept. Mines Annual Reports: 1902, p.984; 1903, p.H38; 1904, p.H44; and 1933, p.A78-A79); the Rock of Ages discovery (B.C. Dept. Mines Annual Reports: 1903, p.H38 and 1905, p.G78); and the Red Jacket discovery (B.C. Dept. of Mines Annual Reports: 1901, p.759 and 1905, p.G77-G78). Development work on the gold discoveries appeared to have been discontinued in 1903 or 1904 due to a combination of legal and development problems.

In the years that followed, all surface features related to the early lode mine development were removed by the hydraulic mining of gravels along Pine Creek. The exact locations of the lode gold discoveries on Pine Creek are not known.

In December of 1983, the present claim group was staked by Ted Yardley, an entrepreneur from Atlin. Mr. Yardley optioned the

property to Canova Resources Ltd. of Vancouver who, through an agreement with Tri-West Resources Ltd. (now Tri-Pacific Resources Ltd.) carried out a program of ground geophysics and diamond drilling. In November and December of 1984 five diamond drill holes (Appendix 4) returned gold and silver values from the area of the original Yellowjacket discovery. Diamond drill hole 84-5 returned spectacular free gold in two of four "burnt" drill bits.

2. GEOLOGICAL SYNTHESIS

2.1 Regional Geological Setting

The Yellowjacket property lies near the western edge of the northwest-trending, Atlin Terrane underlain by upper Paleozoic oceanic crust (Monger, 1975), and correlated in south and central B.C. with Cache Creek Group rocks (Aitken, 1959), Figure 3. Along the western edge of the Atlin Terrane, massive metabasalt of the Nakina Formation, spatially associated alpine-type ultramafic rocks and local gabbroic bodies are juxtaposed against Jurassic rocks to the west along the Nahlin Fault. Within the Atlin Terrane basaltic flows are overlain by chert and thick, shallow water carbonate rocks. It is interpreted that rocks of the Atlin Terrane were underthrust from the southwest in the late Middle Jurassic by Middle Jurassic and older rocks. Discordant granitic plutons range in age from Late Jurassic to Early Tertiary. Remnant Tertiary volcanic and sedimentary rocks occur throughout the area.

2.2 Local Geological Setting

Ultramafic rocks are most extensive along the fault-bound western boundary of the Atlin Terrane, however in the area east of Atlin, and within the Atlin Terrane; large ultramafic bodies define a discordant belt trending across the tectonic fabric of the terrane. The Yellowjacket property covers a segment of the contact between a large serpentized ultramafic body and Nakina Fm basaltic rocks.

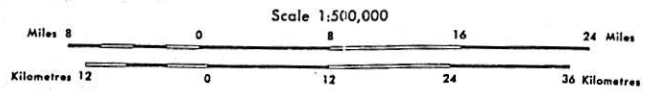
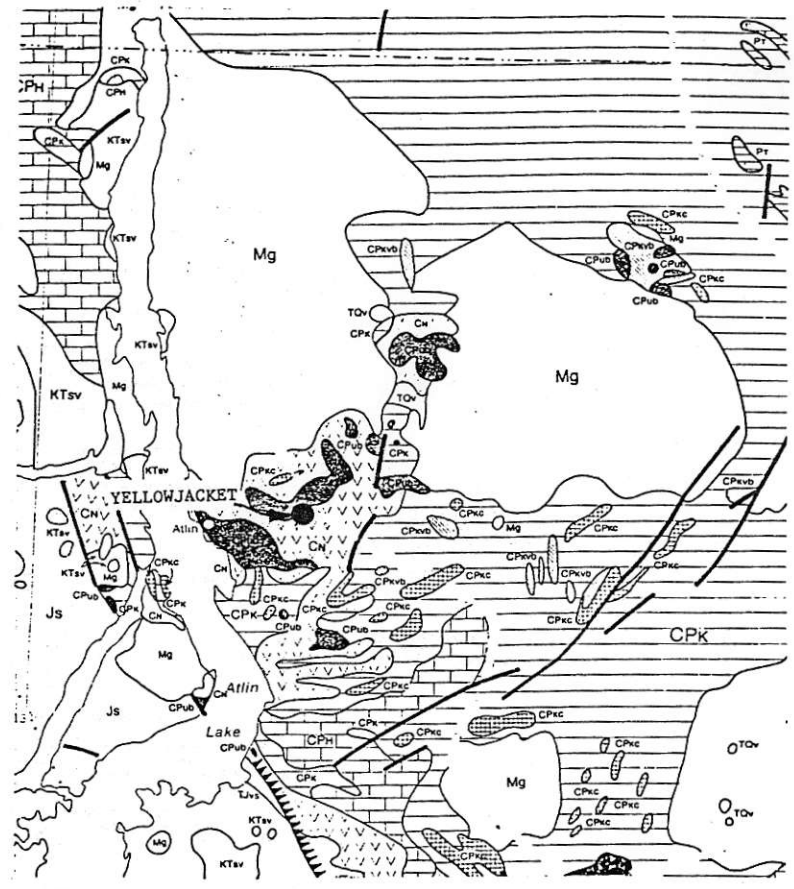
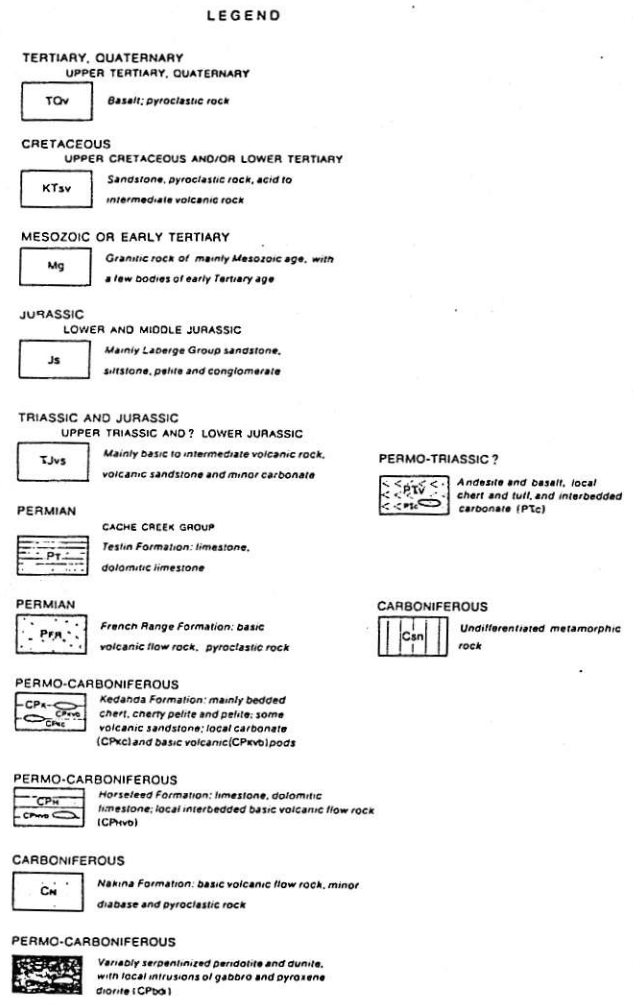


Figure 3 Geology map, Atlin-Surprise Lake area, showing location of Yellowjacket property. (from Monger, 1975)

3. 1985 PROGRAM

From May 15 to June 25, two geologists mapped and sampled bedrock exposures, conducted a ground magnetometer survey and supervised a 2,500 foot rotary drill program on the Yellowjacket Property. Program objectives were to extend the area of known mineralization in the area of the original Yellowjacket discovery, to locate the original Rock of Ages discovery and to evaluate the economic potential of the Yellowjacket property.

3.1 Results

3.1.1 Magnetometer Survey

Contoured results of the magnetometer survey are displayed on Map 1. The variation in magnetic susceptibility between basalt and serpentinite is enough to interpret, along with mapped surface geology, the relative position of the basalt-serpentinite contact as shown on Map 2.

3.1.2 Surface Geology

The Yellowjacket property is underlain by two major rock types, basaltic flows of the Nakina Formation and a segment of a large intrusive body of serpentinitized ultramafic rock. A ragged contact between the two lithologies forms a mineralogically complex contact zone that trends easterly across the property. Away from the contact zone the serpentinite is massive, uniformly textured and moderately

magnetic. Closely associated with the ultramafic rocks are crosscutting bodies of gabbro, basic diorite and diabase, trending easterly. Basaltic rocks underlying the south half of the property are predominantly fine grained, non-porphyrific, grey-green, altered metabasalt with less common diabase. Off the property, basaltic rocks trend north-northwesterly, dip steeply to the east and are locally pillowed and intercalated with chert and carbonate horizons. Intermediate rocks intrude both serpentinite and basalt. They vary in composition from feldspar porphyritic to pyroxene porphyritic and form dikes and plugs. These intrusive rocks of intermediate composition may be Tertiary in age.

In plan view, the contact between the two major rock types is characterized by four concave shaped, elongate embayments of basalt projecting into serpentinite. A genetic interpretation of the observed relationship between basalt and serpentinite is schematically characterized on Figure 4.

At the contact intense hydrothermal alteration is developed in both serpentinite and basalt, and forms several zones that appear to trend across the contact at a low angle. Alteration zones are characterized by pervasive dolomite and magnesite with contained areas of ankerite. Talc is locally abundant and best developed with massive white magnesite. Quartz is locally abundant, present as crosscutting quartz-rich veins and stringers, and as pervasive replacement zones.

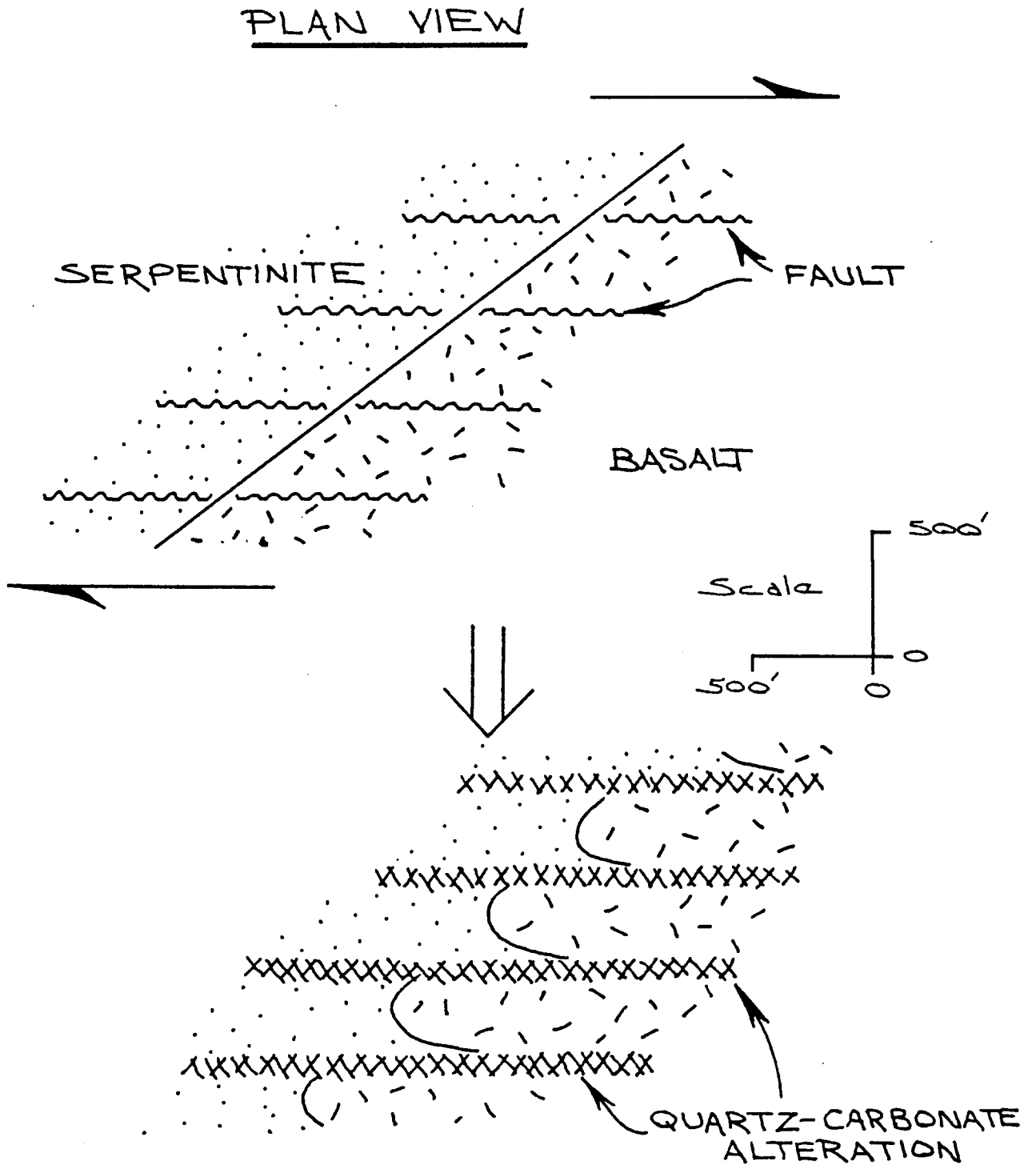


Figure 4 Schematic reconstruction of geological events responsible for distribution of quartz-carbonate alteration zones on the Yellowjacket property.

Quartz in veins varies from white "bull" quartz to rose and clear quartz. Chalcedonic quartz is present, occupying narrow veinlets. Mariposite is a minor constituent generally occurring in quartz-rich areas. Within the alteration zones cross cutting intermediate intrusive rocks have been hydrothermally modified to varying intensities. Basalt takes on a bleached appearance. Books of biotite are locally well developed in mafic rocks and may be of contact metamorphic origin.

Sulphides, predominantly disseminated cubic pyrite, can locally reach 5% by volume. Quartz veins appear to be free of sulphide. Fine grained crystal clusters of arsenopyrite and stibnite are locally developed.

All rock types are offset by a northeast trending, moderately south-dipping fault set, best developed on the west side of the property.

3.1.3 Lithochemical Analysis

Location of surface samples submitted for chemical analysis are plotted on Map 3 and analytical results reported in the appendices of this report.

Histograms for Au, As and Sb are shown on Figures 5, 6 and 7. The gold histogram displays a classic lognormal distribution in both basalt and altered carbonate rocks. Arsenic and antimony display complex distributions with distinct enrichment in carbonate altered rocks.

The Au, As and Sb distribution on the Yellowjacket property suggests that high gold values can be expected in both carbonate altered rock and basalt. Arsenic and antimony enrichment in carbonate altered rock relative to basalt may be in association with gold enrichment.

3.1.4 Rotary Drill Program

Midnight Sun Drilling Ltd. of Whitehorse, drilled ten rotary holes totalling 2,427' on the property from June 13 to June 21, 1985. Six holes (85-1 to 85-6) tested ground in the area of the original Yellowjacket discovery. Two holes (85-7 and 85-10) tested carbonate altered zones identified during surface mapping. Two holes (85-8 and 85-9) tested ground thought to host the original Rock of Ages

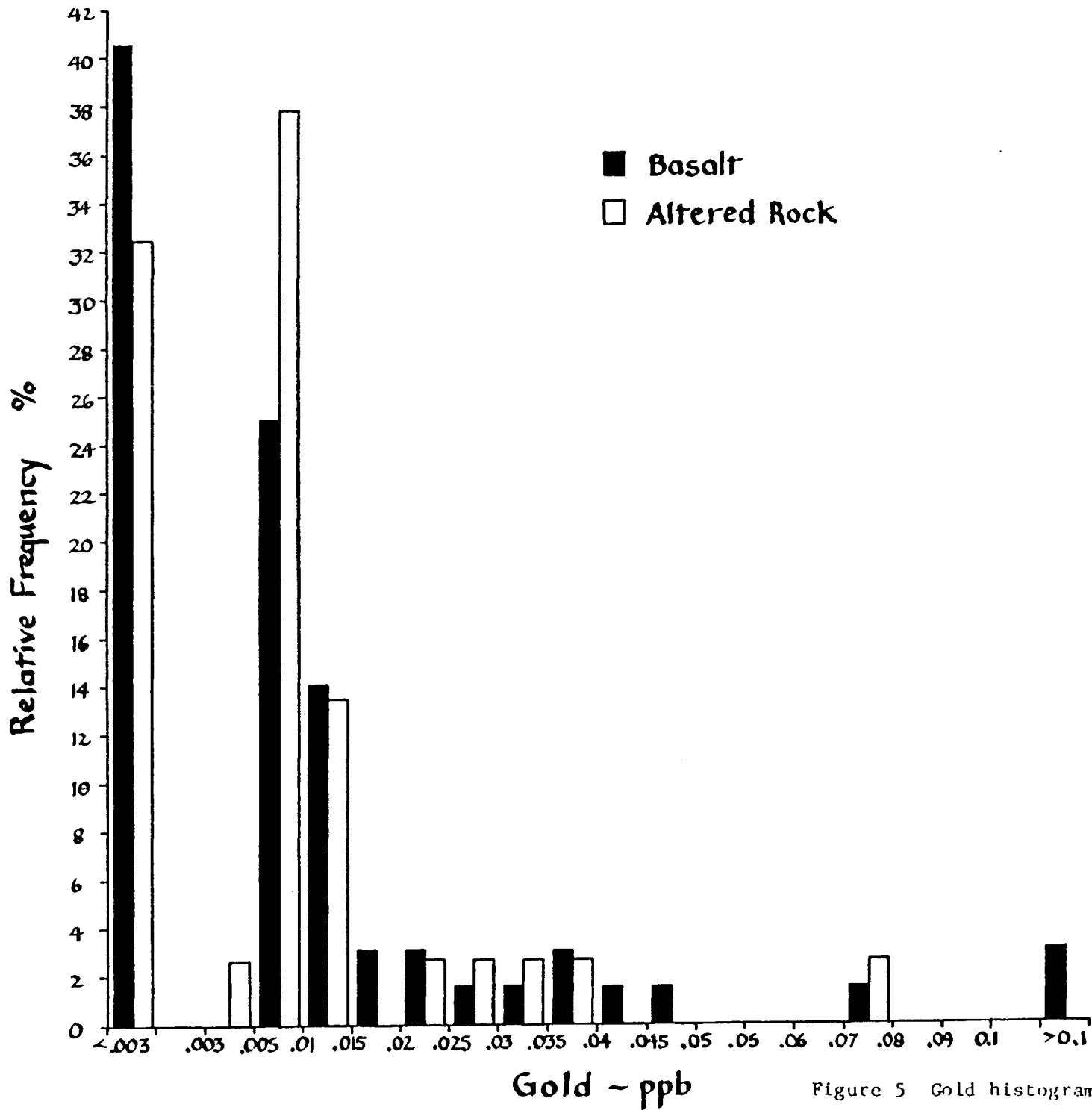


Figure 5 Gold histogram

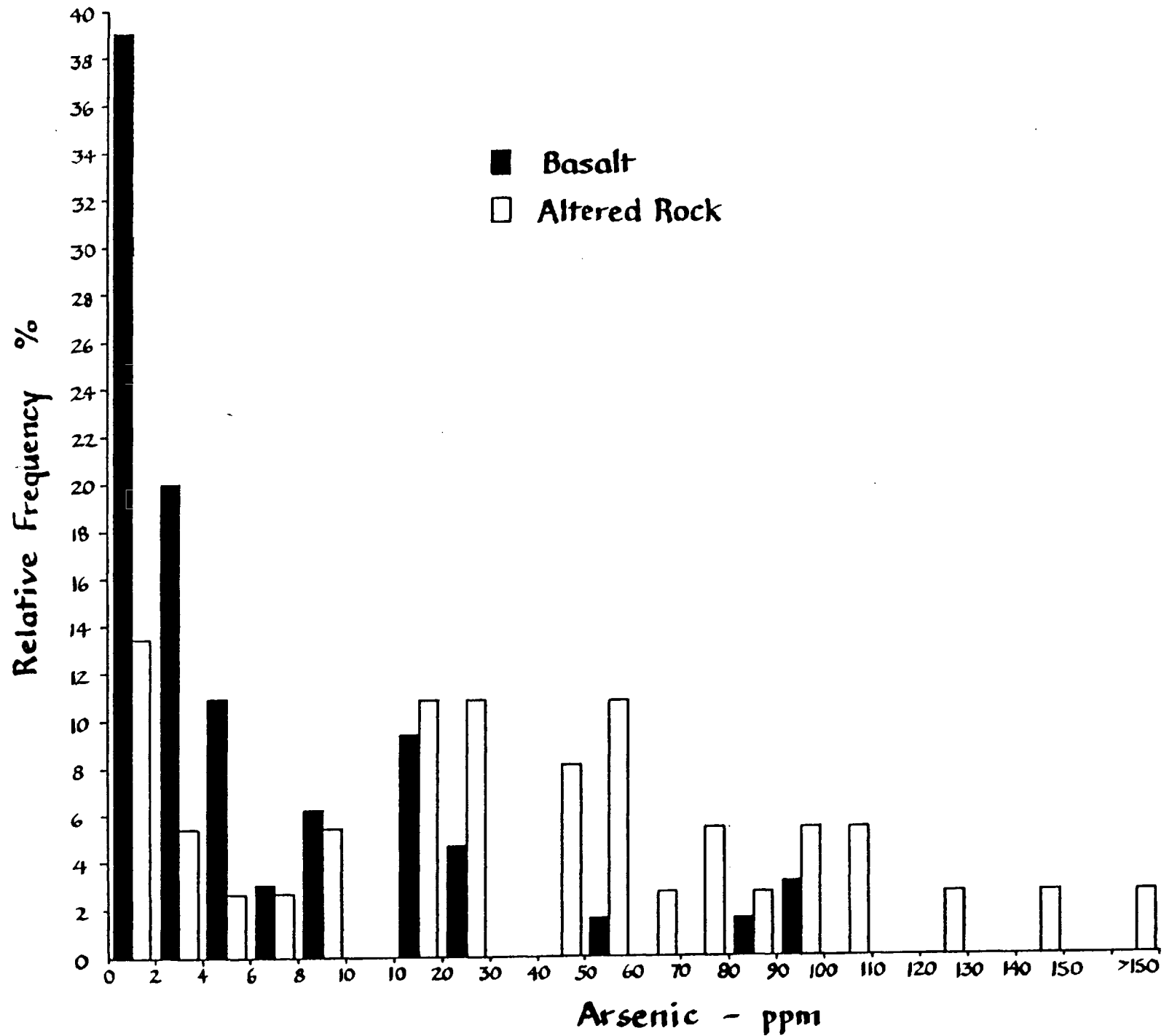


Figure 6 Arsenic histogram

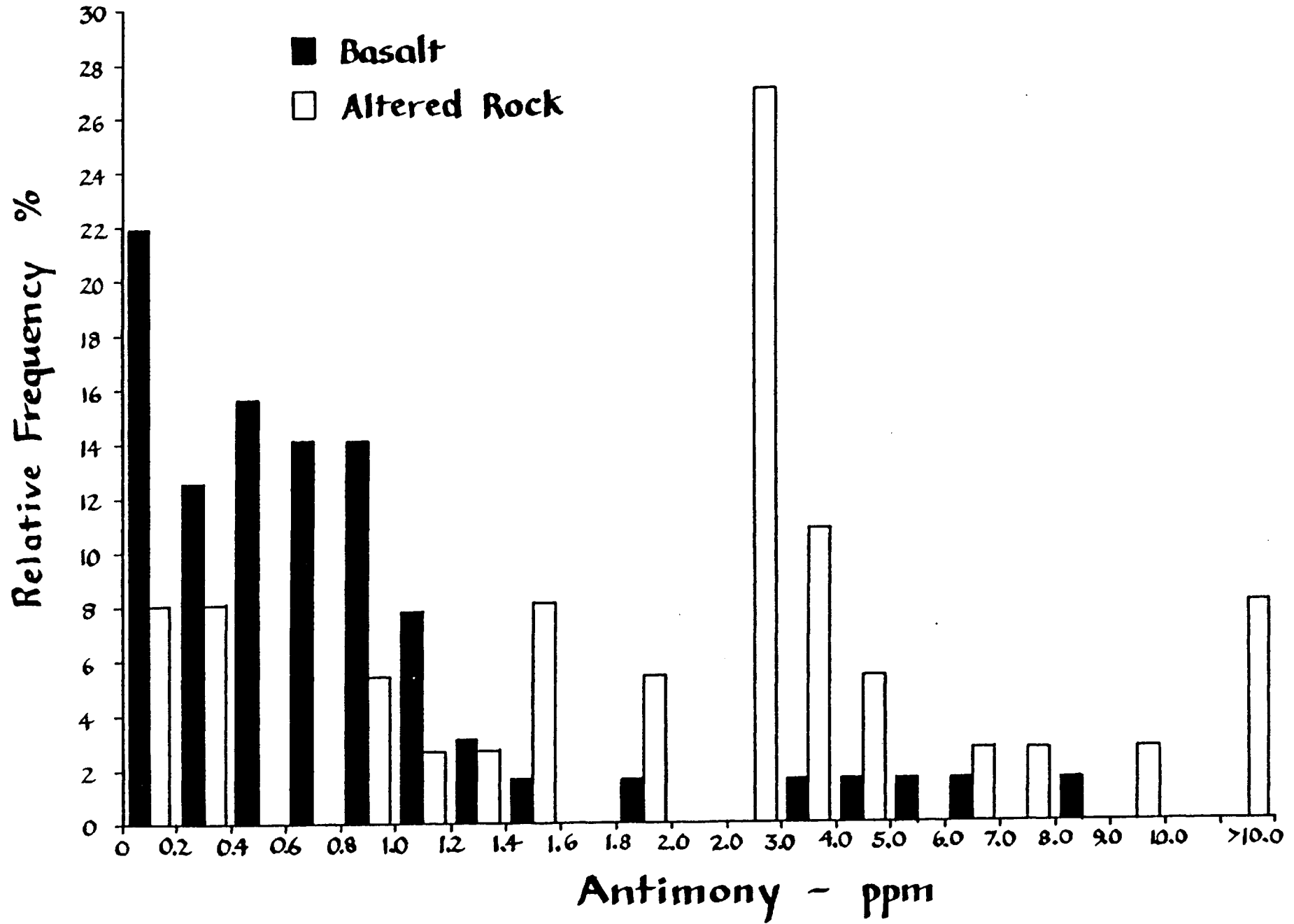


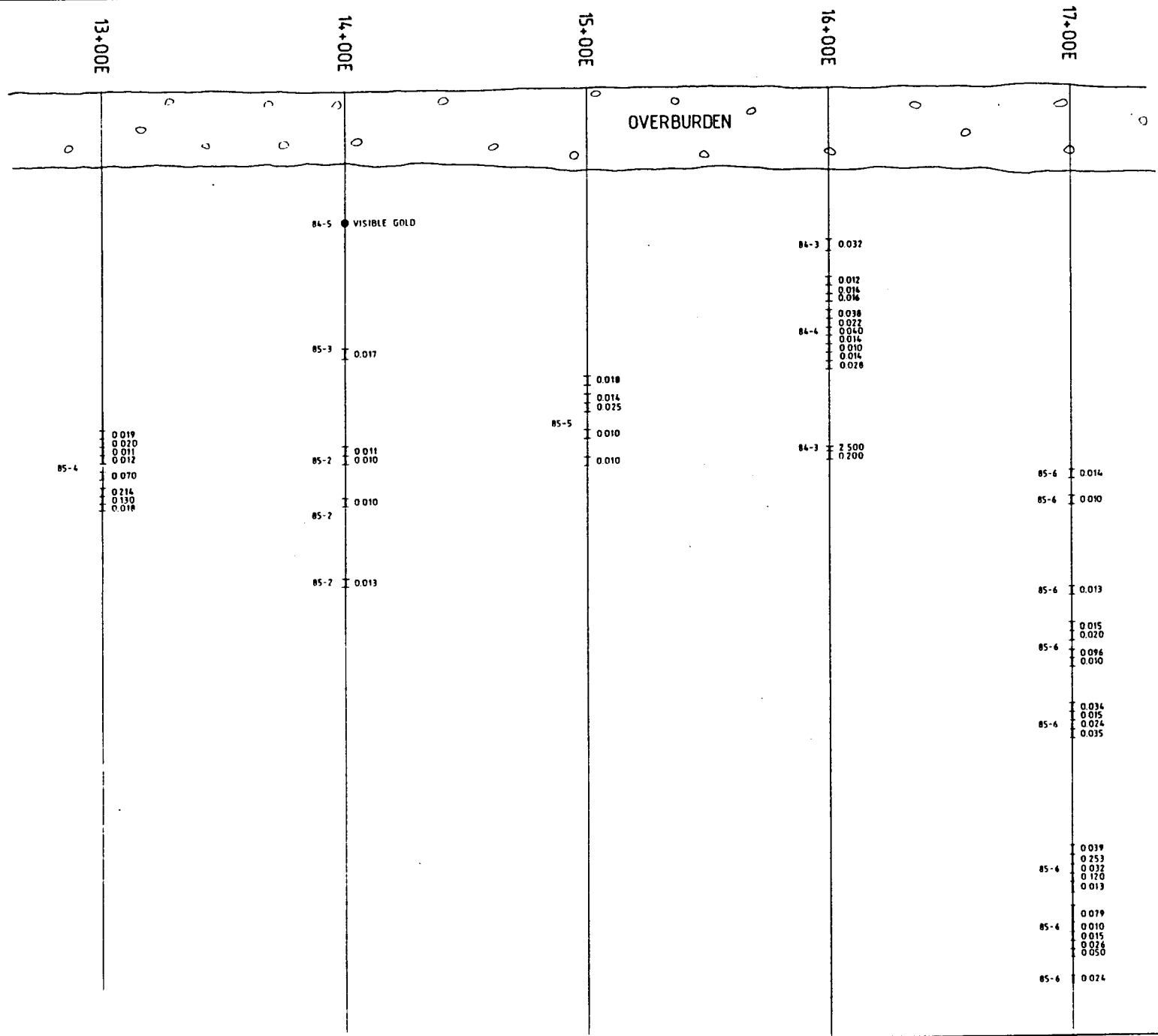
Figure 7 Antimony histogram

discovery. Drill hole locations are shown on Maps 2 and 3. Hole locations are summarized below:

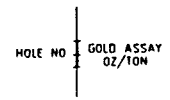
<u>Hole No.</u>	Location	Dip	Azimuth	Length
85-1	14+00E, 5+92S	-80°	343°	124'
85-2	14+00E, 6+30S	-70°	343°	304'
85-3	14+00E, 6+24S	-60°	343°	145'
85-4	13+00E, 6+31S	-60°	343°	284'
85-5	15+00E, 6+27S	-70°	343°	245'
85-6	17+00E, 6+29S	-70°	343°	407'
85-7	10+71E, 3+30S	-60°	163°	245'
85-8	20+85W, 5+80S	-60°	348°	285'
85-9	24+00W, 5+97S	-70°	012°	205'
85-10	1+85W, 6+18S	-60°	163°	185'

All drill holes, with coded geology and anomalous assay results, are plotted on sections filed in Appendix 1 of this report.

Results of all drilling to date in the Yellowjacket discovery area are summarized on a longitudinal section, Figure 8. The Yellowjacket Zone is interpreted to be an easterly trending zone of carbonate and quartz carbonate altered serpentinite, mafic intrusive and extrusive rocks dipping steeply ($\pm 70^\circ$) to the south. The zone has been drill



EXPLANATION



YELLOWJACKET PROPERTY
ARENT CLAIMS ATLIM MINING DIVISION
LONGITUDINAL SECTION YELLOWJACKET ZONE

tested for 400' along trend on 100' centres. Anomalous gold values (>0.01 ounces/ton) containing values of "ore" tenor occur throughout the zone. The exact nature of the gold mineralization is difficult to comment on due to the pulverized nature of recovered rock chips. However, it is suspected that "ore" tenor mineralization is in the form of free gold occurring in and near quartz veins.

The area of spectacular free gold recovered from "burnt" diamond drill bits in hole 84-5 was tested by rotary holes 85-1 and 85-3. Hole 85-1 had no sample return from the area of the spectacular free gold and hole 85-3 testing ground approximately 10' below the spectacular gold, returned no gold values. It is speculated that gold recovered in hole 84-5 is a very localized concentration occurring at the contact of an altered feldspar porphyry dike (see section 14+00E). The gold may have been remobilized and enhanced in tenor by the emplacement of the dike into the gold enriched Yellowjacket Zone.

Rotary drill holes 85-8 and 85-9 returned no gold values from an area suspected of hosting the original Rock of Ages discovery. The location of the Rock of Ages is still not known and further thought on its location is required.

Drill hole 85-7 and 85-10 returned scattered anomalous gold values from carbonate altered serpentinite.

4. DISCUSSION

Precious metal mineralization associated with intense carbonate and quartz-carbonate alteration has been identified within the Yellowjacket Zone. The zone has been drill tested along trend for 400' to a depth of 375' and anomalous precious metal values (>0.010 ounces gold/ton) within the zone have continuity. Rotary drill hole 85-6 encountered anomalous gold values over a true width greater than 100' with contained values of economic tenor. Shape and distribution of areas of economic precious metal tenor within the Yellowjacket Zone can only be speculated on. However, it is expected that ore grade bodies do occur throughout the zone, that mineralization is of very high tenor and is spectacular in appearance as evidenced by the limited work carried out to date.

A drill commitment to further test the Yellowjacket Zone is strongly recommended. It should be kept in mind that deposits of this type are extremely difficult to evaluate strictly from drill results. At a number of productive gold deposits, for example the Dome Mine in northeastern Ontario, the main function of drilling is to locate favourable areas of mineralization to guide mine development. Too much weight should not be attached to the assay value of a drill hole intersection. They are commonly unreliable when dealing with rock of highly variable tenor. The problem of the distribution of gold in Yellowjacket "ore" will require considerable research.

5. RECOMMENDATIONS

Further evaluation of the Yellowjacket property is recommended guided by the following objectives:

1) Areas within the Yellowjacket Zone that contain gold values of economic tenor are to be diamond drill tested. Drill core will better define geological controls affecting gold distribution. Six diamond drill holes are proposed, three in the area of high gold values won from rotary drill hole 85-4 and three in the area of gold values in rotary drill hole 85-6. In each case, the three holes are planned to test ground 50' east and west, and 50' below "ore" intersections.

2) The Yellowjacket Zone is open to the east of section 17+00E and to the west of section 13+00E. Ten rotary drill holes are proposed to extend the Yellowjacket Zone along trend to the east and west. The rotary drill holes will be positioned at 100' centers, 5 holes east and 5 holes west of the known zone. If successful, the Yellowjacket Zone will be drill test along trend for 1,400'.

The eastward extension of the Yellowjacket Zone projects onto the Beama claim. Extending the present Yellowjacket property grid onto the Beama claim, with VLF-EM and magnetometer surveys, is recommended to aid in defining the position of the Yellowjacket Zone.

Cost summary of proposed program:

8,000' line cutting, magnetometer and VLF-EM survey	\$ 3,000
2,600' diamond drilling @ \$40/ft	104,000
3,000' rotary drilling @ \$15/ft	45,000
150 hours drill site prep. @ \$150/hour	22,500
800 gold assays @ \$15/sample	12,000
60 days personnel @ \$300/day	18,000
60 days room and board @ \$75/day	4,500
60 days truck & fuel @ \$75/day	4,500
Report preparation and presentation	<u>2,500</u>
	\$216,000
10% contingency	<u>22,000</u>
Total	<u>\$238,000</u>

6. REFERENCES

Aitken, J.D. (1959) Atlin map area, B.C., Geol. Surv. Canada, Mem. 307.

B.C. Dept. of Mines Annual Report: 1901, p. 757-759
1902, p. 984
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Holland, S.S. (1950) Placer gold production of British Columbia; B.C. Min. Energy, Mines and Petro. Res., Bull. 28.

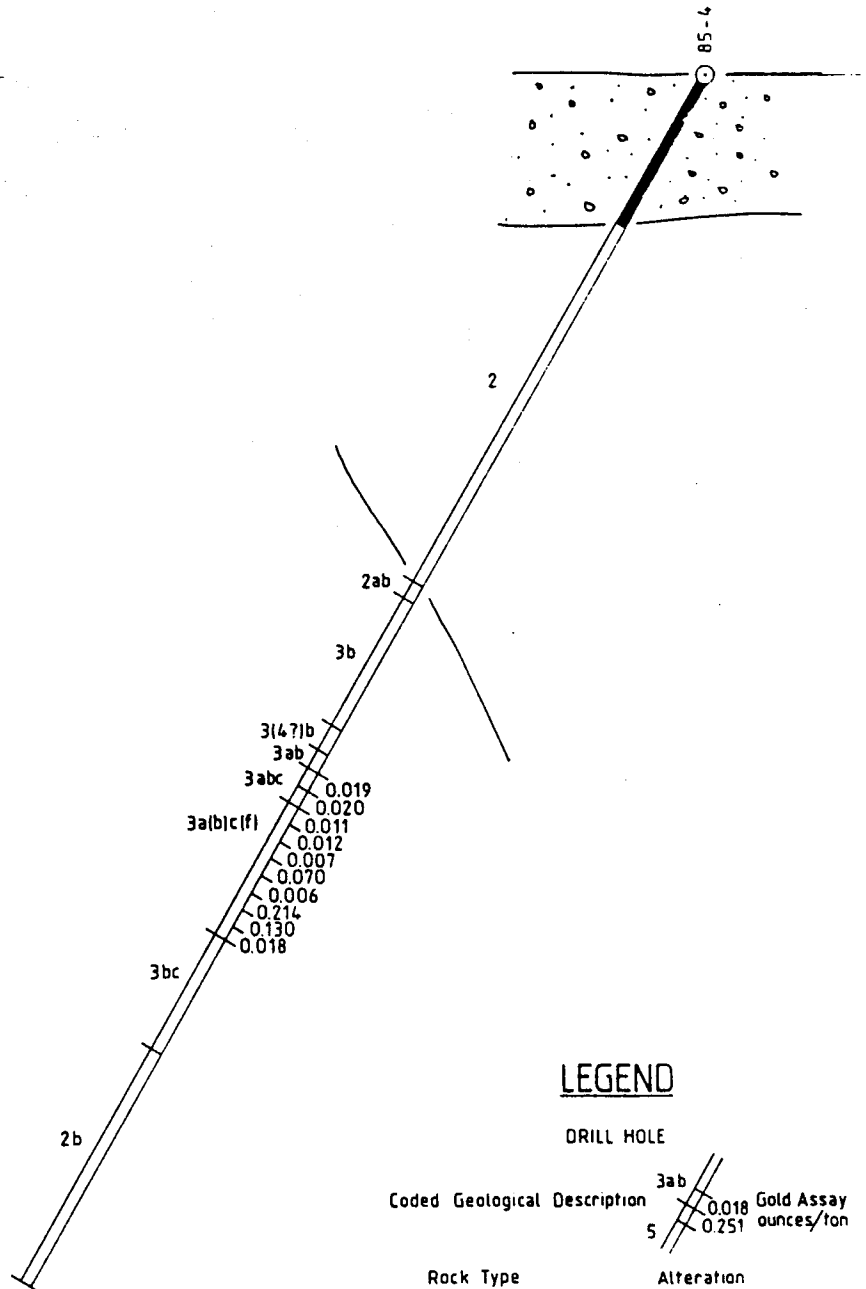
Monger, J.W.H. (1975) Upper Paleozoic rocks of the Atlin Terrane, northwestern British Columbia and south-central Yukon; Geol. Surv. Canada, Paper 74-47.

APPENDIX 1

1985 Rotary Drill Hole Sections

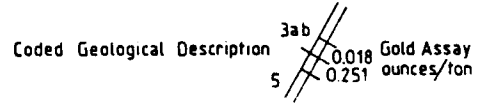
5+005

500+9



LEGEND

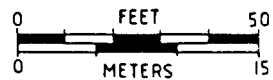
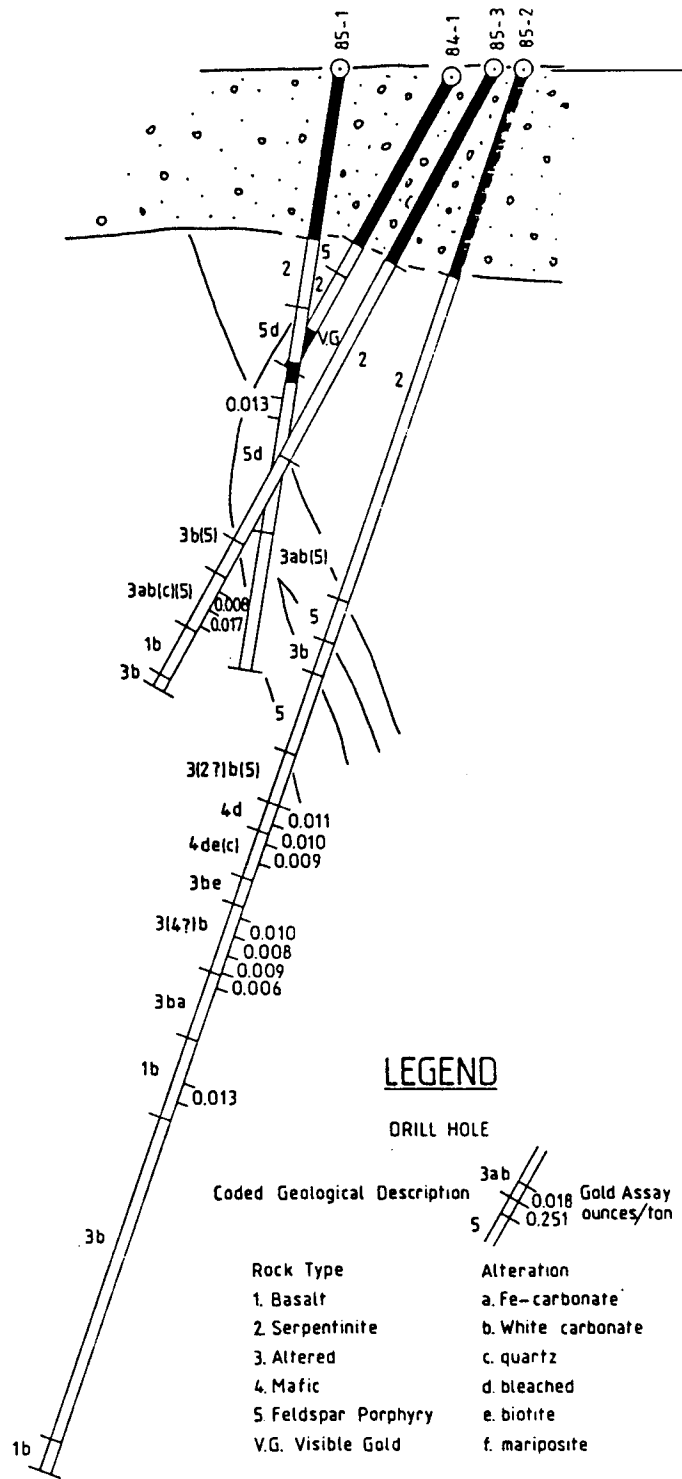
DRILL HOLE



- | | |
|----------------------|--------------------|
| Rock Type | Alteration |
| 1. Basalt | a. Fe-carbonate |
| 2. Serpentinite | b. White carbonate |
| 3. Altered | c. quartz |
| 4. Mafic | d. bleached |
| 5. Feldspar Porphyry | e. biotite |
| | f. mariposite |



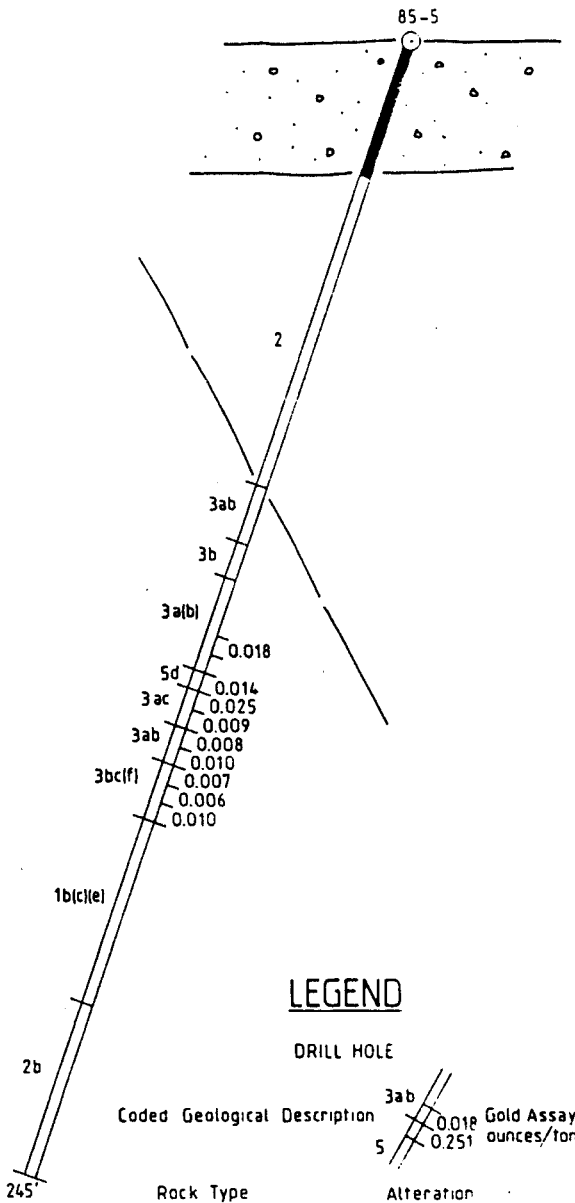
YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION 13+00 E DRILL HOLE 85-4		
N.T.S. 104 N 12 E	JULY 1985	JAM GEOLOGICAL



YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION 14-00E DRILL HOLE 84-1, 85-1, 85-2, 85-3		
N.T.S. 104N 12E	JULY 1985	JAM GEOLOGICAL

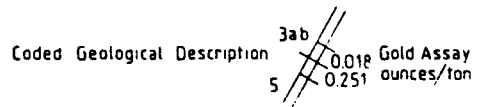
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6+005



LEGEND

DRILL HOLE

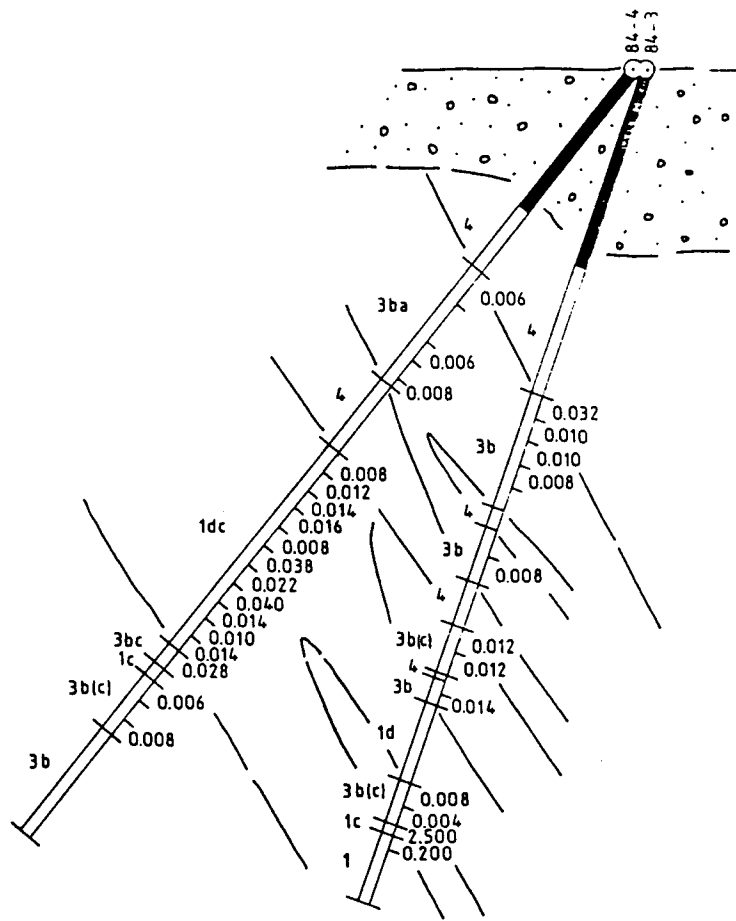


- Rock Type**
- 1. Basalt
 - 2. Serpentinite
 - 3. Altered
 - 4. Mafic
 - 5. Feldspar Porphyry

- Alteration**
- a. Fe-carbonate
 - b. White carbonate
 - c. quartz
 - d. bleached
 - e. biotite
 - f. mariposite

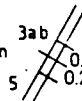


YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION 15+00E DRILL HOLE 85-5		
N.T.S. 104N 12E	JULY 1985	JAM GEOLOGICAL



LEGEND

DRILL HOLE

Coded Geological Description  Gold Assay ounces/ton

Rock Type

- 1. Basalt
- 2. Serpentinite
- 3. Altered
- 4. Mafic
- 5. Feldspar Porphyry

Alteration

- a. Fe-carbonate
- b. White carbonate
- c. quartz
- d. bleached
- e. biotite
- f. mariposite



YELLOWJACKET PROPERTY

ARENT CLAIM GROUP
ATLIN MINING DIVISION

DRILL HOLE SECTION
16+00E

DRILL HOLE
84-3,84-4

N.T.S. 104 N 12E

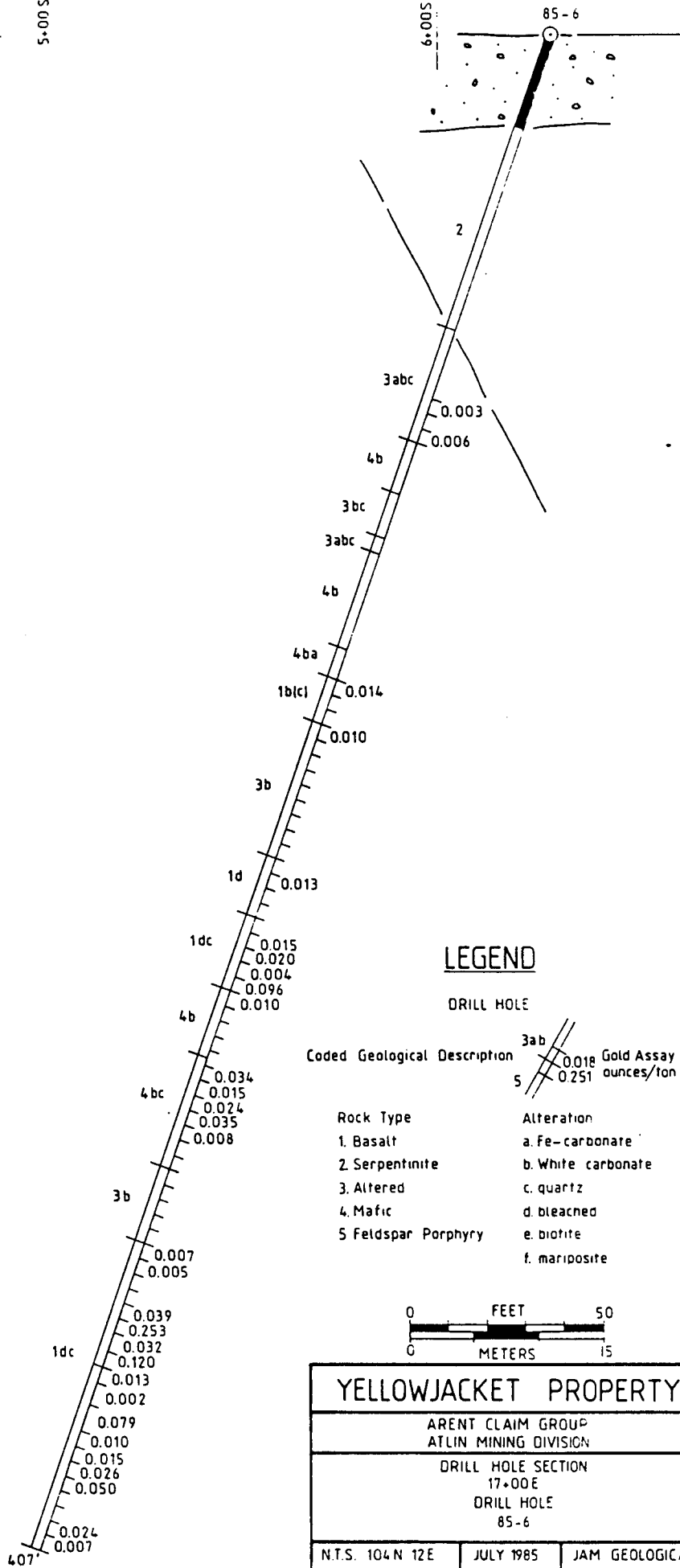
JULY 1985

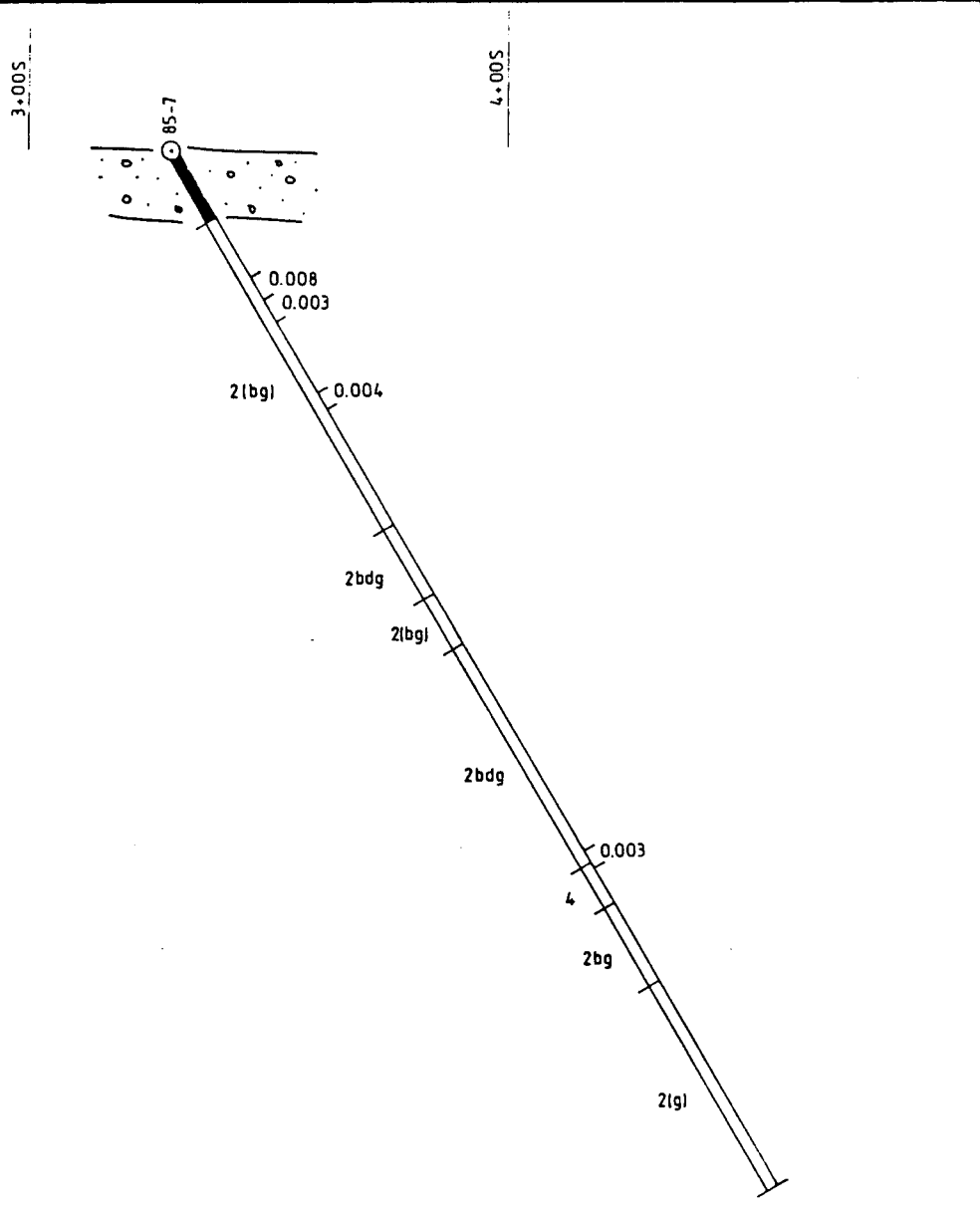
JAM GEOLOGICAL

5.00 S

6.00 S

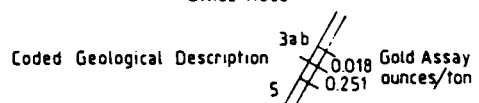
85-6





LEGEND

DRILL HOLE



Rock Type

- 1. Basalt
- 2. Serpentinite
- 3. Altered
- 4. Mafic
- 5. Feldspar Porphyry

Alteration

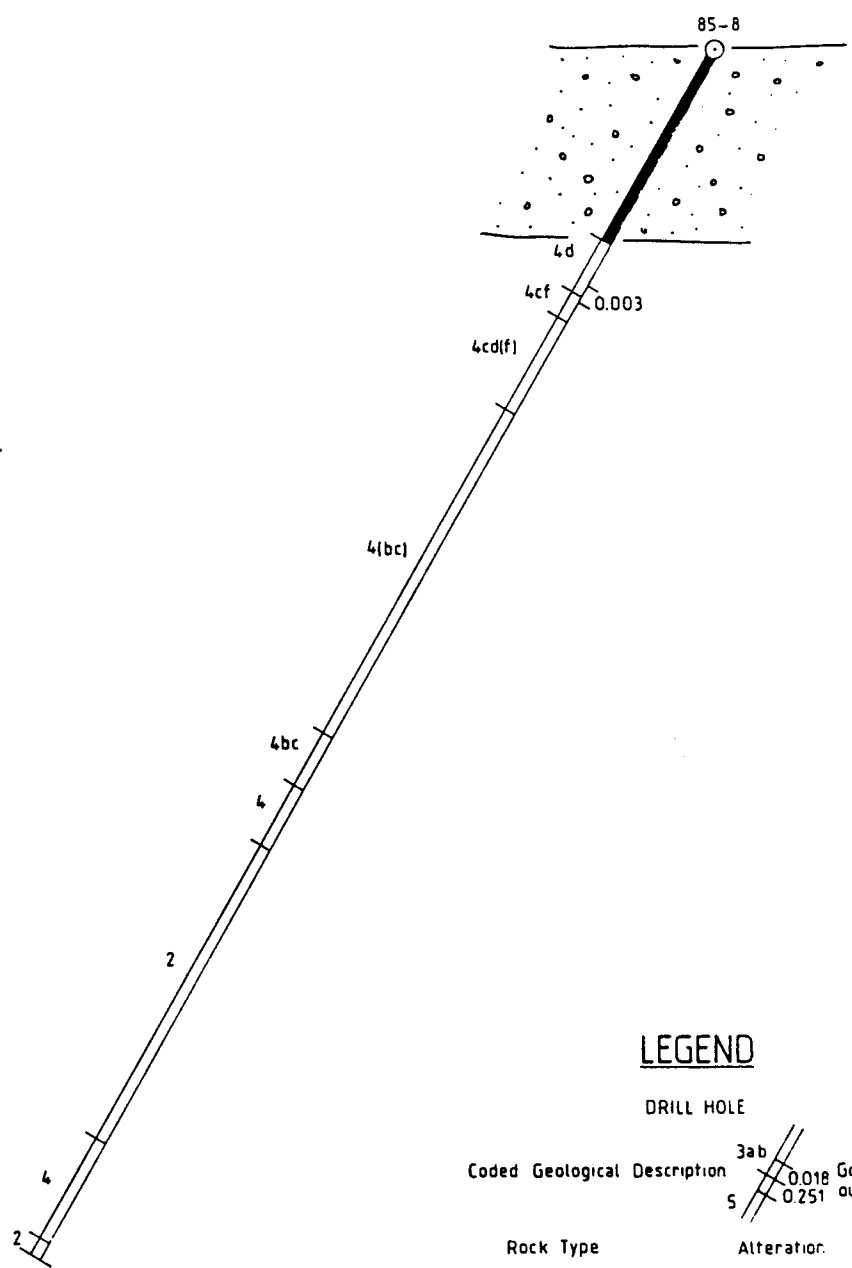
- a. Fe-carbonate
- b. White carbonate
- c. quartz
- d. bleached
- e. biotite
- f. malposite
- g. talc



YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION 10-71 E DRILL HOLE 85-7		
N.T.S. 104N 12E	JULY 1985	JAM GEOLOGICAL

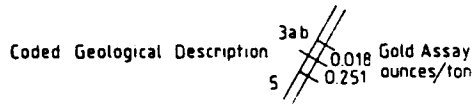
5+005

6+005



LEGEND

DRILL HOLE



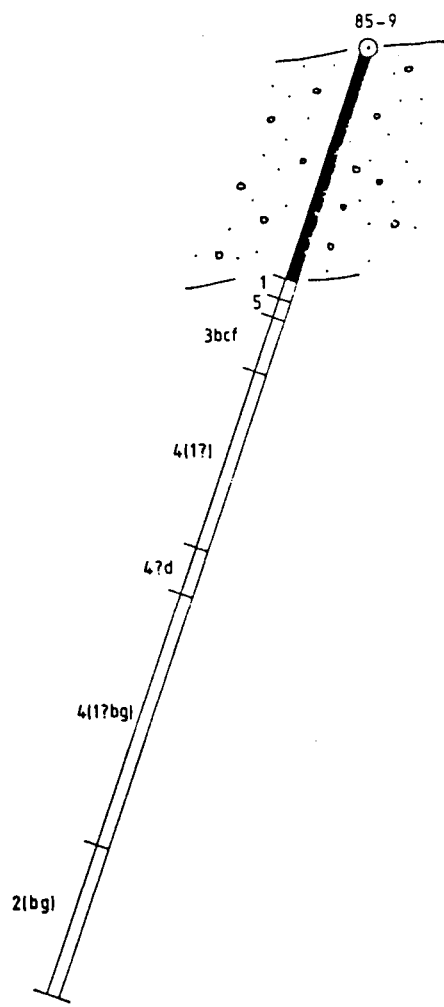
- | | |
|----------------------|--------------------|
| Rock Type | Alteration: |
| 1. Basalt | a. Fe-carbonate |
| 2. Serpentinite | b. White carbonate |
| 3. Altered | c. quartz |
| 4. Mafic | d. bleached |
| 5. Feldspar Porphyry | e. biotite |
| | f. mariposite |



YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION AZIMUTH 348° DRILL HOLE 85-B		
N.T.S. 104 N 12 E	JULY 1985	JAM GEOLOGICAL

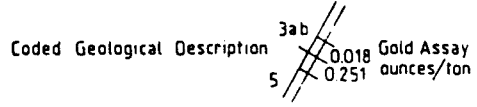
5.000

6.000



LEGEND

DRILL HOLE



Rock Type

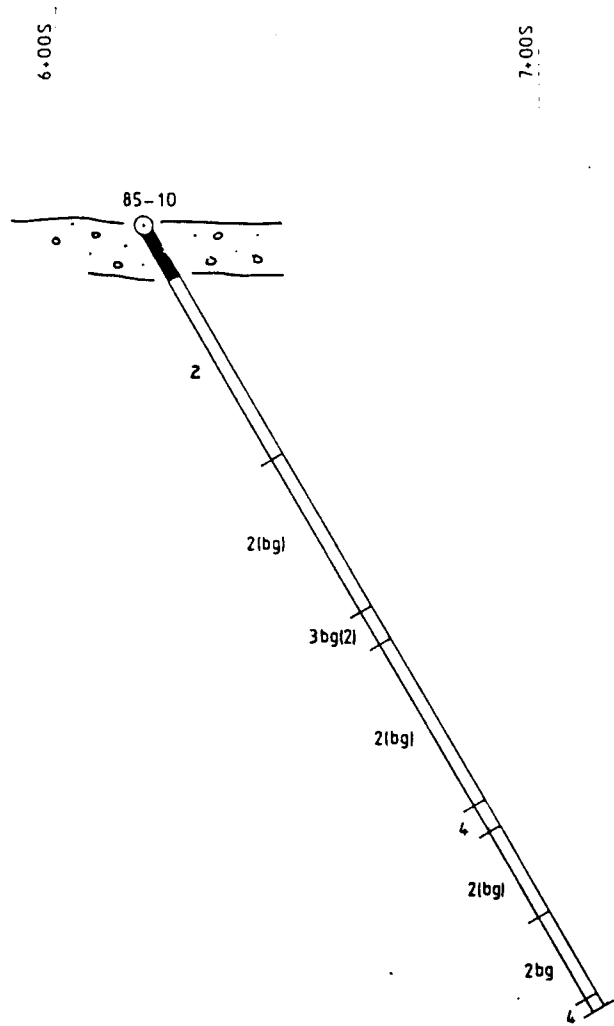
- 1. Basalt
- 2. Serpentinite
- 3. Altered
- 4. Mafic
- 5. Feldspar Porphyry

Alteration

- a. Fe-carbonate
- b. White carbonate
- c. quartz
- d. bleached
- e. biotite
- f. mariposite
- g. talc




YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION AZIMUTH 012° DRILL HOLE 85-9		
N.T.S. 104 N 12 E	JULY 1985	JAM GEOLOGICAL



LEGEND

DRILL HOLE

Coded Geological Description  Gold Assay ounces/ton

- | | |
|----------------------|--------------------|
| Rock Type | Alteration |
| 1. Basalt | a. Fe-carbonate |
| 2. Serpentinite | b. White carbonate |
| 3. Altered | c. quartz |
| 4. Mafic | d. bleached |
| 5. Feldspar Porphyry | e. biotite |
| | f. mariposite |
| | g. talc |



YELLOWJACKET PROPERTY		
ARENT CLAIM GROUP ATLIN MINING DIVISION		
DRILL HOLE SECTION 1-85 W DRILL HOLE 85-10		
N.T.S. 104 N 12 E	JULY 1985	JAM GEOLOGICAL

APPENDIX 2

GOLD ASSAYS, 1985 ROTARY DRILL PROGRAM

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU	CHECK	CHECK
		FROM	TO			ASSAY BONDAR CLEGG	ASSAY CHEMEX
85-1	44101	45	49	4	<0.002		
	44103	49	54	5	0.003		
	44105	54	58	4	0.002		
	44107	58	60	2	<0.002		
	44108	64	68	4	<0.002		
	44110	68	72	4	<0.002	<0.002	<0.003
	44112	72	76	4	<0.002		
	44114	76	80	4	<0.002		
	44116	80	84	4	<0.002		
	44118	84	88	4	<0.002		
	44120	88	92	4	<0.002		
	44122	92	96	4	<0.002		
	44124	96	98	2	<0.002		
	44125	98	100	2	0.007		
	44126	100	104	4	<0.002		
	44128	104	109	5	0.002		
	44130	109	115	6	<0.002		
	44132	115	119	4	0.003		
44134	119	125	6	<0.002			
85-2	44172	115	118	3	0.002		
	44173	118	122	4	<0.002		
	44175	122	126	4	0.003		
	44177	126	131	5	0.002		
	44179	131	135	4	<0.002		
	44181	135	139	4	<0.002		
	44183	139	143	4	<0.002		
	44185	143	147	4	<0.002		
	44187	147	151	4	0.003		
	44189	151	155	4	0.003		
	44191	155	159	4	0.003	0.004	0.004
	44193	159	163	4	0.011	0.011	0.020
	44195	163	167	4	0.008	0.010	0.016
	44197	167	171	4	0.009	0.006	0.007
	44199	171	175	4	<0.002	<0.002	<0.003
	44201	175	179	4	0.002	0.002	0.005
	44203	179	183	4	<0.002	0.002	0.003
	44205	183	187	4	0.009	0.010	0.005
	44207	187	191	4	0.007	0.008	0.012
	44209	191	195	4	0.009	0.005	0.003
	44211	195	199	4	<0.002		
	44213	199	203	4	0.003		
	44215	203	207	4	<0.002		
	44217	207	211	4	0.002		
	44219	211	215	4	<0.002		
	44221	215	219	4	<0.002		
	44223	219	223	4	0.013	0.006	0.007
	44225	223	227	4	<0.002		
44227	227	231	4	<0.002			
44229	231	237	6	0.002			

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU
		FROM	TO		
85-2 (Cont)	44231	237	241	4	<0.002
	44233	241	245	4	0.002
	44235	245	249	4	<0.002
	44237	249	253	4	<0.002
	44239	253	257	4	0.002
	44241	257	261	4	0.002
	44243	261	265	4	0.002
	44245	265	269	4	<0.002
	44247	269	273	4	<0.002
	44249	273	277	4	<0.002
	44251	277	281	4	<0.002
	44253	281	285	4	0.004
	44255	285	289	4	0.002
	44257	289	293	4	<0.002
	44259	293	297	4	<0.002
	44261	297	301	4	<0.002
	44263	301	305	4	<0.002
85-3	44282	79	83	4	<0.002
	44284	83	87	4	<0.002
	44286	87	91	4	<0.002
	44288	91	95	4	<0.002
	44290	95	99	4	<0.002
	44292	99	103	4	<0.002
	44294	103	107	4	0.004
	44296	107	111	4	<0.002
	44298	111	116	5	0.003
	44300	116	121	5	<0.002
	44302	121	125	4	0.008
	44304	125	129	4	0.017
	44306	129	133	4	0.002
	44308	133	137	4	<0.002
	44310	137	141	4	<0.002
44312	141	145	4	<0.002	
85-4	44361	134	138	4	<0.002
	44363	138	144	6	<0.002
	44365	144	148	4	<0.002
	44367	148	152	4	<0.002
	44369	152	156	4	<0.002
	44371	156	158	2	<0.002
	44372	158	164	6	<0.002
	44375	164	168	4	0.019
	44377	168	172	4	0.020
	44379	172	176	4	0.011
	44381	176	180	4	0.012
	44383	180	184	4	0.007
	44385	184	188	4	0.070
44387	188	192	4	0.006	
44389	192	196	4	0.214	

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU
		FROM	TO		
85-4 (Cont)	44391	196	200	4	0.130
	44393	200	202	2	0.018
	44394	202	206	4	0.003
	44396	206	210	4	0.004
	44398	210	214	4	<0.002
	44400	214	218	4	<0.002
	44402	218	222	4	<0.002
	44404	222	226	4	<0.002
	44406	226	230	4	0.002
	44408	230	234	4	0.002
	44410	234	238	4	<0.002
	44412	238	242	4	0.002
	44414	242	246	4	<0.002
	44416	246	250	4	<0.002
	44418	250	254	4	<0.002
	44420	254	258	4	<0.002
	44422	258	262	4	<0.002
	44424	262	266	4	<0.002
	44426	266	270	4	<0.002
	44428	270	274	4	<0.002
44430	274	278	4	<0.002	
44432	278	284	6	0.002	
85-5	44439	36	40	4	<0.002
	44465	88	92	4	<0.002
	44467	92	96	4	0.003
	44469	96	100	4	<0.002
	44471	100	104	4	0.002
	44473	104	108	4	<0.002
	44475	108	112	4	0.002
	44477	112	116	4	<0.002
	44479	116	120	4	0.002
	44481	120	124	4	0.003
	44483	124	128	4	0.003
	44485	128	132	4	0.018
	44487	132	136	4	<0.002
	44489	136	140	4	0.014
	44491	140	144	4	0.025
	44493	144	148	4	0.009
	44495	148	152	4	0.008
	44497	152	156	4	0.010
	44499	156	160	4	0.007
	44501	160	164	4	0.006
44503	164	168	4	0.010	
44505	168	172	4	0.003	
44507	172	176	4	0.002	
44509	176	180	4	0.003	
44511	180	184	4	0.004	
44513	184	188	4	0.004	
44515	188	192	4	<0.002	

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU
		FROM	TO		
85-5 (Cont)	44517	192	196	4	<0.002
	44519	196	200	4	<0.002
	44521	200	204	4	0.002
	44523	204	208	4	0.004
	44525	208	212	4	<0.002
	44527	212	216	4	<0.002
	44529	216	220	4	<0.002
	44531	220	224	4	<0.002
	44533	224	228	4	<0.002
	44535	228	232	4	0.002
	44537	232	236	4	<0.002
	44539	236	240	4	<0.002
	44541	240	245	5	<0.002
85-6	44567	73	77	4	<0.002
	44569	77	81	4	<0.002
	44571	81	85	4	<0.002
	44573	85	89	4	<0.002
	44575	89	93	4	<0.002
	44577	93	97	4	0.002
	44579	97	101	4	0.003
	44581	101	105	4	<0.002
	44583	105	109	4	0.006
	44585	109	115	6	0.002
	44587	115	119	4	<0.002
	44589	119	123	4	0.002
	44591	123	127	4	<0.002
	44593	127	131	4	<0.002
	44595	131	135	4	<0.002
	44597	135	139	4	<0.002
	44599	139	145	6	<0.002
	44601	145	149	4	<0.002
	44603	149	153	4	<0.003
	44605	153	157	4	<0.003
	44607	157	161	4	0.003
	44609	161	165	4	<0.002
	44611	165	169	4	<0.002
	44613	169	173	4	0.006
	44615	173	177	4	0.014
	44617	177	181	4	<0.002
	44619	181	185	4	0.002
	44621	185	189	4	0.010
	44623	189	193	4	<0.002
	44625	193	197	4	<0.002
	44627	197	201	4	<0.002
	44629	201	205	4	<0.002
44631	205	209	4	0.002	
44633	209	213	4	<0.002	
44635	213	217	4	<0.002	
44637	217	221	4	<0.002	

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU
		FROM	TO		
85-6 (Cont)	44639	221	225	4	<0.002
	44641	225	229	4	0.013
	44643	229	233	4	<0.002
	44645	233	237	4	<0.002
	44647	237	241	4	0.002
	44649	241	245	4	0.015
	44651	245	249	4	0.020
	44653	249	253	4	0.004
	44655	253	257	4	0.096
	44657	257	261	4	0.010
	44659	261	265	4	<0.002
	44661	265	269	4	<0.002
	44663	269	273	4	<0.002
	44665	273	277	4	<0.002
	44667	277	281	4	0.034
	44669	281	285	4	0.015
	44671	285	289	4	0.024
	44673	289	293	4	0.035
	44675	293	297	4	0.008
	44677	297	301	4	0.004
	44679	301	305	4	<0.002
	44681	305	309	4	<0.002
	44683	309	313	4	0.002
	44685	313	317	4	<0.002
	44687	317	321	4	0.002
	44689	321	325	4	0.003
	44691	325	329	4	0.007
	44693	329	333	4	0.005
	44695	333	337	4	<0.002
	44697	337	341	4	<0.002
	44699	341	345	4	0.039
	44701	345	349	4	0.253
	44703	349	354	5	0.032
	44705	354	358	4	0.120
	44707	358	362	4	0.013
	44709	362	368	6	0.002
	44711	368	372	4	0.079
	44713	372	379	7	0.010
	44715	379	383	4	0.015
	44717	383	387	4	0.026
	44719	387	391	4	0.050
	44721	391	395	4	0.004
	44723	395	399	4	0.004
	44725	399	403	4	0.024
44727	403	407	4	0.007	
85-7	44735	28	30	2	<0.002
	44736	30	35	5	0.008
	44738	35	40	5	0.003

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU	
		FROM	TO			
85-7 (Cont)	44744	50	53	3	0.004	
	44747	57	61	4	<0.002	
	44749	61	65	4	<0.002	
	44762	88	92	4	<0.002	
	44764	92	96	4	<0.002	
	44766	96	100	4	<0.002	
	44768	100	104	4	<0.002	
	44776	116	118	2	<0.002	
	44777	118	122	4	<0.002	
	44779	122	126	4	<0.002	
	44781	126	130	4	<0.002	
	44783	130	134	4	<0.002	
	44785	134	138	4	0.002	
	44787	138	142	4	<0.002	
	44789	142	146	4	<0.002	
	44791	146	150	4	<0.002	
	44793	150	154	4	<0.002	
	44795	154	158	4	<0.002	
	44797	158	162	4	<0.002	
	44799	162	166	4	<0.002	
	44801	166	170	4	0.003	
	44806	176	180	4	<0.002	
	44808	180	184	4	<0.002	
	44810	184	188	4	<0.002	
	44812	188	192	4	<0.002	
	44814	192	196	4	<0.002	
	44821	206	210	4	<0.002	
	44823	210	214	4	<0.002	
	44825	214	218	4	<0.002	
	44827	218	222	4	<0.002	
	44829	222	226	4	<0.002	
	44831	226	230	4	<0.002	
	85-8	44841	47	51	4	<0.002
		44843	51	55	4	<0.002
44845		55	59	4	0.003	
44847		59	63	4	<0.002	
44849		63	67	4	<0.002	
44851		67	71	4	<0.002	
44853		71	75	4	<0.002	
44855		75	79	4	<0.002	
44862		89	91	2	<0.002	
44868		101	105	4	<0.002	
44886		137	141	4	<0.002	
44899		163	167	4	<0.002	
44901		167	171	4	<0.002	
44903		171	175	4	<0.002	
44905	175	179	4	<0.002		
44919	203	207	4	<0.002		
44921	207	211	4	<0.002		

DRILL HOLE NUMBER	SAMPLE NUMBER	FOOTAGE		LENGTH	ASSAYS AU
		FROM	TO		
85-8 (Cont)	44947	260	265	5	<0.002
	44949	265	269	4	<0.002
85-9	44959	50	54	4	<0.002
	44963	58	62	4	<0.002
	44965	62	66	4	<0.002
	44967	66	70	4	<0.002
	44970	72	74	2	<0.002
	44988	108	112	4	<0.002
	44993	118	122	4	<0.002
	45014	160	164	4	<0.002
	45016	164	168	4	<0.002
	85-10	45035	54	58	4
45037		58	62	4	<0.002
45039		62	66	4	<0.002
45046		76	78	2	<0.002
45047		78	82	4	<0.002
45049		82	86	4	<0.002
45051		86	90	4	<0.002
45053		90	94	4	<0.002
45055		94	98	4	<0.002
45060		104	106	2	<0.002
45061		106	110	4	<0.002
45063		110	114	4	<0.002
45065		114	118	4	<0.002
45068		120	124	4	<0.002
45074		132	136	4	<0.002
45079		142	146	4	<0.002
45089		162	164	2	<0.002
45090		164	168	4	<0.002

APPENDIX 3

CHEMICAL ANALYSIS, SURFACE SAMPLES

SAMPLE	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	Au ppb	As ppm	Sb ppm	Au Opt
43951									<0.002
43852									0.003
43953									<0.002
43954									<0.002
44009	28	<2	11	<1	<0.2	<5	16	<2	
44010	30	<2	9	<1	<0.2	<5	6	4	
44011	6	4	13	1	<0.2	85	21	<2	
44012	22	<2	11	<1	<0.2	<5	30	<2	
44013	21	<2	12	<1	<0.2	50	6	4	
44014	4	<2	13	<1	<0.2	<5	<2	5	
44015	6	6	13	<1	<0.2	<5	<2	3	
44016	15	6	7	<1	<0.2	100	110	6	
44017	26	<2	16	<1	<0.2	<5	11	<2	
44018	30	2	20	<1	<0.2	<5	6	<2	
44019	22	<2	7	<1	<0.2	55	13	<2	
44020	22	2	16	<1	<0.2	<5	2	<2	
44021	14	5	11	<1	<0.2	<5	7	3	
44022	45	3	10	<1	<0.2	<5	8	<2	
44023	15	<2	8	<1	<0.2	<5	23	6	
44024	20	5	54	3	0.2	5	30	3	
44025	6	<2	14	<1	<0.2	10	120	<2	
44026	22	16	37	<1	<0.2	150	200	20	
44027	6	2	71	1	<0.2	<5	37	<2	
44028	10	2	160	1	<0.2	5	60	<2	
44029	4	3	98	1	<0.2	<5	6	<2	

SAMPLE	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	Au ppb	As ppm	Sb ppm	Au Opt
44030	16	2	155	1	<0.2	15	80	8	
44031	5	<2	16	<1	<0.2	5	4	3	
44032	11	<2	37	<1	<0.2	<5	11	<2	
44033	19	<2	4	1	<0.2	<5	<2	<2	
44034	49	2	20	<1	<0.2	<5	2	<2	
44035	25	4	27	<1	<0.2	<5	13	<2	
44036	38	<2	12	<1	<0.2	5	<2	<2	
44037	34	3	97	1	<0.2	<5	63	<2	
44038	26	<2	7	<1	<0.2	<5	6	<2	
44039	11	<2	23	<1	<0.2	<5	<2	<2	
44040	9	<2	8	<1	<0.2	15	48	<2	
44041	22	<2	6	<1	<0.2	10	20	<2	
44042	3	<2	6	<1	<0.2	5	90	2	
44043	8	<2	4	<1	<0.2	<5	13	3	
44044	150	<2	5	<1	<0.2	<5	5	<2	
44045	2	3	18	<1	<0.2	5	<2	<2	
44046	19	5	67	<1	<0.2	<5	<2	3	
44047	18	3	14	<1	<0.2	<5	<2	3	
44048	8	4	20	<1	<0.2	<5	2	<2	
44049	22	<2	19	<1	<0.2	5	<2	<2	
44050	20	4	70	<1	<0.2	10	2	<2	
44051	62	<2	58	1	<0.2	<5	2	4	
44052	13	3	26	<1	<0.2	<5	<2	3	

APPENDIX 4

1984 Diamond Drill Logs

DIAMOND DRILL LOG

HOLE NO. 1

COMPANY: Tri-West Resources Ltd.

PROJECT: Yellow Jacket, Atlin, B.C.

LOCATION LENGTH DIP
Line 14+00E 144 feet Collar: - 55°
@ 2+00S

DATES: Start: November 7, 1984
Finish: November 14, 1984

Revised July, 1985

DRILL CONTRACTOR Arctic Diamond Drilling

AZIMUTH ELEVATION
225° 2,855 feet (approx.)

LOGGED BY: John J. Watkins

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
0	23.0	CASING										
23.0	45.0	BLEACHED AND CHLORITE SPOTTED BASALT Medium to light grey, fine grained, mottled throughout with dark green chloritic patches to 5 mm (possibly pseudomorphing vesicles), vague flow(?) banding @ 30° to core axis, fine (<1 to 2 mm) irregular quartz-carbonate veining and patches to 5% total volume, all cut by fine grained colliform(?) banded quartz veins (chalcedonic?) to 0.5 mm from 30° to 45° to core axis to 3% of total volume, moderately magnetic (fine diss. magnetite), minor diss. pyrite. Lower contact gradational.	1-1	25	30	5	100	.006	.03	5	.9	<0.05
			1-2	30	35	5	100	.014	.07	4	.6	<0.05
			1-3	35	40	5	100	.010	.03	4	.4	<0.05
			1-4	40	45	5	100	.012	.05	7	.6	<0.05
45.0	111.0	BASALT FLOW Dark to medium grey, fine grained, similar to above but lacking distinct chlorite patches, only minor quartz carbonate veining, rare quartz vein, uniform textured with rare bleached patches, quartz-carbonate spherules to 2 mm pseudomorphing possible vesicles throughout. From 75.5 to 79.0: badly broken, non schistose, 35% lost core. At 85.0: 1 foot lost core, non schistose. From 105.0 to 111.0: increase in fine quartz carbonate veining tending to be oriented at 45° to core axis, increasing from 1% to 3% by volume. Moderate becoming weakly magnetic. Lower contact broken.	1-5	45	50	5	100	.012	.01	3	.6	<0.05
			1-6	50	55	5	80	.006	.01	4	.4	<0.05
			1-7	55	60	5	75	<0.003	.006	3	.7	<0.05
			1-8	60	65	5	90	<0.003	.12	11	.8	<0.05
			1-9	65	70	5	100	<0.003	.10	6	.8	<0.05
			1-10	70	75	5	40	.006	.09	3	.6	<0.05
			1-11	75	80	5	60	<0.003	.04	2	0.2	<0.05
			1-12	80	85	5	100	<0.003	.04	1	.2	<0.05
			1-13	85	90	5	80	.008	.09	2	.4	<0.05
			1-14	90	95	5	100	<0.003	.12	10	1.2	<0.05
			1-15	95	100	5	100	.006	.09	9	1.4	<0.05
			1-16	100	105	5	100	.008	.05	5	1.0	<0.05
			1-17	105	111	6	100	.008	.05	6	.4	<0.05

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
111.0	112.5	FAULT Clay-talcose seam, unconsolidated, possibly at 45° to C.A.	1-18	111	116.8	5.8	90	.008	.05	2	4	<0.05
112.5	116.8	BASALT FLOW As before with 10% decreasing to 5% fine quartz carbonate stockwork trending at 30° to 40° to C.A., fine disseminated pyrite (2%), quartz carbonate amygdule spotting, very weakly to non magnetic. Lower contact marked by strong clay-talc fault, 1 inch wide, at 45° to C.A.										
116.8	118.8	MASSIVE TALC (FUCHSITE) Light creamy grey, soft, massive talc-fuchsite with wispy talc rich bands at low angle to C.A., fine scattered dark green chlorite(?) spots to 3 mm. Lower contact gradational.	1-19	116.8	118.8	2.0	60	0.010	.09	4	1.6	<0.05
118.8	144.0	FAULT ZONE From 118.8 to 125.0: badly broken, pebbles of broken and ground core, massive dark green basalt pebbles, non schistose. From 125.0 to 126.0: clay-talc seam, unconsolidated. From 126.0 to 144.0: badly broken pebbly as before.	1-20	118.8	125	6.2	80	<0.003	.02	1	0.3	<0.05
			1-21	125	135	10.0	60	<0.003	.02	1	0.2	<0.05
			1-22	135	144	9.0	50	<0.003	.04	1	0.2	<0.05
	144.0	END OF HOLE Hole stopped due to caving.										

DIAMOND DRILL LOG

HOLE NO. 2

COMPANY: Tri-West Resources Ltd.

PROJECT:

Yellow Jacket, Atlin, B.C.

LOCATION
Line 16+00E
@ 2+75SLENGTH
275 feetDIP
Collar: - 50°

DATES:

Start: November 15, 1984
Finish: November 20, 1984

Revised July, 1985

AZIMUTH
163° (Grid South)ELEVATION
2,855 feet (approx.)

DRILL CONTRACTOR

Arctic Diamond Drilling

LOGGED BY:

John J. Watkins

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
0	39.0	CASING										
39.0	72.0	FAULT ZONE	2-27	39.0	47.0	8.0	100	<0.003	0.06	2	0.2	<0.05
		Zone of badly broken and lost core.	2-28	47.0	56.0	9.0	20	<0.003	0.18	3	1.6	0.05
		From 40.0 to 47.0: cored section, shattered basalt, light grey green with a bleached appearance, poorly heeled with clay (brucite?), easily breaks, tends to fracture at 20 to 30° to C.A.										
		From 47.0 to 56: 70% lost core, retained material weakly bleached basalt, pebbled (ground core) throughout, some unconsolidated clay.										
		From 56.0 to 72.0: lost core										
72.0	206.5	BASALT FLOW										
		Amygdoloidal basalt flow, 1 - 2 mm chlorite filled amygd., flow contact at 56.0 at 70° to C.A., massive with broken sections throughout, scattered carbonate (quartz) veins from 20° to 45° to 0.5 cm. wide.	2-1	72.0	74.0	2.0	100	0.050	0.29	2	0.4	0.95
			2-2	74.0	74.8	0.3	100	0.076	0.40	3	0.5	0.55
			2-3	74.8	75.0	0.7	100	0.043	0.06	2	0.5	0.05
			2-4	75.0	80.0	5.0	100	0.032	0.01	2	0.2	<0.05
			2-5	80.0	85.0	5.0	100	0.024	0.08	1	0.2	<0.05
		At 74.0: 8 cm long tension gash to 4 mm wide at 30° to C.A. filled with minor calcite and fine kspar(?), 5% patchy tetradedrite(?), bornite (?), pyrite, patchy whisps to 2 mm filled with same haloing tension gash to 5 cm.	2-6	85.0	90.0	5.0	100	<0.003	0.06	1	0.1	<0.05
			2-7	90.0	95.0	5.0	100	0.012	0.05	1	0.1	<0.05
			2-8	95.0	100.0	5.0	100	<0.003	0.08	1	0.1	<0.05
			2-9	100.0	110.0	10.0	55	0.006	0.01	2	0.1	<0.05
			2-10	110.0	120.0	10.0	35	<0.003	0.06	1	0.1	<0.05
		From 72 to 206.5: traces of very fine disseminated tetrahedrite(?), arsenopyrite(?)	2-11	120.0	130.0	10.0	45	<0.008	0.09	1	0.2	<0.05
			2-12	130.0	140.0	10.0	60	0.010	0.03	2	0.4	<0.05
		At 134.0: 10 cm wide carbonate (quartz) vein @ 50° with 5 mm wide pyritic core.	2-13	140.0	150.0	10.0	35	0.010	0.11	1	0.2	<0.05
			2-14	150.0	160.0	10.0	45	0.008	0.01	1	0.6	<0.05

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
206.5	210	From 165 to 167: moderate shear at 30° with light grey sericite(?), 1% diss. cubic pyrite.	2-15	160.0	170.0	10.0	100	0.012	0.01	1	0.1	<0.05
		At 180: 5 cm wide clay gouge with basalt fragments.	2-16	170.0	180.0	10.0	60	0.030	0.27	3	0.4	<0.05
			2-17	180.0	190.0	10.0	35	0.006	0.07	2	0.4	<0.05
			2-18	190.0	206.5	16.5	25	<0.003	0.08	17	6.2	<0.05
210	218	FAULT Clay gouge with round to subround quartz pebbles.	2-19	206.5	210	3.5	100	<0.003	0.14	20	1.4	<0.05
		QUARTZ STOCKWORK ZONE Creamy grey host overgrown with kspar(?) patches to 3 mm, mottled with dark grey patches, quartz heeled, all cut by three generations of quartz veins forming a stockwork, veins range from 30° to 50° averaging 2 mm wide, vague colliform banding with clear quartz in last vein generation. Mineralized with 1% fine grained black sulphide, <1% fine diss. pyrite. Lower contact broken	2-20	210	218	8	55	0.008	0.09	51	4.4	<0.05
218	275	FAULT ZONE Badly broken and ground core, cored sections consist of rock fragments to 1 cm in a rock flour and clay host, weak foliation from 0° to 45°.	2-21	218	228	10.0	30	0.012	0.07	29	2.2	<0.05
			2-22	228	238	10.0	45	0.022	0.24	12	2.8	<0.05
			2-23	238	248	10.0	30	0.008	0.06	27	1.6	<0.05
			2-24	248	258	10.0	30	<0.003	0.06	10	1.0	<0.05
			2-25	258	265.5	7.5	35	0.040	0.04	9	0.9	<0.05
			2-26	272	275	3	50	<0.003	0.02	19	3.2	<0.05
275	275	From 218 to 232: rock fragments predominantly quartz-rich similar to stockwork zone. From 232 to 361: rock frags. pred. chloritic basalt. From 261 to 275: frags. pred. quartz-rich with bleached looking basalt. Lost core: 246 to 251, 265.5 to 272										
		END OF HOLE Stopped due to caving.										

DIAMOND DRILL LOG

HOLE NO. 3

COMPANY: Tri-West Resources Ltd.

PROJECT: Yellow Jacket, Atlin, B.C.

LOCATION LENGTH DIP
16+10E 201 feet Collar: - 70°
@ 6+23S

DATES: Start: November 21, 1984
Finish: November 23, 1984

Revised July, 1985

DRILL CONTRACTOR Arctic Diamond Drilling

AZIMUTH ELEVATION
343°(grid north) 2,860 feet (approx.)

LOGGED BY: John J. Watkins

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
0	42.0	CASING										
42.0	70.0	DIABASE DIKE Fine grained, massive, uniform textured, non-magnetic. From 50.5 to 53: broken low angle shear. From 53 to 66: coarsely broken, low angled and 45° joints(?). Lower contact from 69.5 to 70: broken and heeled, fine grained chilled contact and probably marked by low angled shear.										
70.0	94.5	MASSIVE MAGNESITE ROCK Soft, medium grey cut by light grey magnesite stockwork in part orientated at 45°. From 75 to 94.5: mottled throughout with iron stained ankerite to 40%, cut by rare quartz vein at 60° to 2 - 5 mm wide, fine grained pyrite (1%) throughout with trace of fine grained black sulphide(?). From 70 to 71.5: clay gouge with magnesite rock fragments at 55°. From 92.5 to 94.5: broken, moderately sheared at 45°. Lower contact broken.	3-1	70.0	75.0	5.0	100	0.032	0.07	320	13.4	0.05
			3-2	75.0	80.0	5.0	100	0.010	0.13	46	2.2	<0.05
			3-3	80.0	85.0	5.0	100	0.010	0.13	46	2.2	<0.05
			3-4	85.0	90.0	5.0	100	0.008	0.15	88	3.0	<0.05
			3-5	90.0	94.5	4.5	100	<0.003	0.12	103	6.8	<0.05
94.5	99.0	DIABASE DIKE As before, broken and calcite heeled. From 111 to 113: low angle shear. Lower contact broken										

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
99.0	111.0	MASSIVE MAGNESITE ROCK As before, broken by irregular clean fractures, 1% fine pyrite, trace fine black sulphide (?). From 103/5 to 104: diabase dike with clay gouge contacts, 1 to 2 cm wide at 60°(?). Lower contact marked by 2 cm clay gouge at 60°(?).	3-6	99.0	105.0	6.0	100	<0.003	0.14	30	2.4	<0.05
			3-7	105.0	111.0	6.0	100	0.008	0.37	57	4.0	<0.05
111.0	120.8	DIABASE DIKE As before, broken and calcite heeled. From 111 to 113: low angle shear. Lower contact broken.										
120.8	130.5	MASSIVE MAGNESITE ROCK Soft, light grey with wispy sericite(?) at 45°, minor quartz stockwork, 1% fine pyrite, trace fine black sulphide(?). Lower contact marked by 5 cm clay-rich gouge at 80°(?).	3-8	120.8	125.8	5.0	100	0.012	0.25	63	2.2	<0.05
			3-9	125.8	130.5	4.7	100	0.012	0.23	99	1.6	<0.05
130.5	131.5	DIABASE DIKE Massive to 130.8. From 130.8 to 131.5: broken gouge at 70°										
131.5	135.0	LOST CORE										
135.0	137.3	SHEARED MAGNESITE (CARBONATE) ROCK Broken and sheared at 75°, from 135 to 136: gouge. Lower contact distinct at 75°.	3-10	135.0	137.3	2.3	100	0.014	0.13	79	2.0	<0.05

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
137.3	153.0	MASSIVE BASALT FLOW Light grey, bleached appearance. From 146 to 153: softer and mottled with magnesite, scattered carbonate veining, rare narrow quartz veins to 3 mm wide at 40° to 60°. 1-2% fine disseminated pyrite.	3-11	137.3	142.3	5.0	100	<0.003	0.12	22	1.2	<0.05
			3-12	142.3	147.3	5.0	100	<0.003	0.16	95	2.0	<0.05
			3-13	147.3	153.0	5.7	100	<0.003	0.14	22	1.0	<0.05
153.0	154.0	FAULT Soft, massive clay gouge.										
154.0	163.0	SCHISTOSE MAGNESITE ROCK Moderately schistose at 60°, magnesite heeled, light grey, mottled dark grey patches, quart-rich knots to 1 cm, 1% fine pyrite, trace black sulphide(?) At 195.3: 3 cm white quartz vein at 60°. Lower contact broken	3-14	154.0	159.0	5.0	100	0.008	0.19	57	2.7	<0.05
			3-15	159.0	163.0	4.0	100	0.004	0.16	71	2.8	<0.05
163.0	201.0	AMYGDALOIDAL BASALT FLOW Light grey, fine grained, small 1 mm amyg., fairly massive with 10% white quartz veins to 1 cm (averaging 3 mm) at 60° to 70°. At 164: 5 cm wide white quartz vein at 30° with visible gold near contacts and gold smears on chloritic contacts. From 163 to 164: broken with moderate chlorite. Fine chlorite spotting increasing with depth. Weakly fractured: 1 - 2/foot at 70°.	3-16	163.0	165.0	2.0	100	2.500	0.86	59	3.4	<0.05
			3-17	165.0	168.0	3.0	100	0.200	0.16	3	1.0	<0.05
			3-18	168.0	173.0	5.0	100	<0.003	0.20	2	0.8	<0.05
			3-19	173.0	178.0	5.0	100	<0.003	0.14	2	1.0	<0.05
			3-20	178.0	183.0	5.0	100	<0.003	0.18	2	1.2	<0.05
			3-21	183.0	188.0	5.0	100	<0.003	0.01	3	0.9	<0.05
			3-22	188.0	193.0	5.0	100	<0.003	0.01	2	0.8	<0.05
			3-23	193.0	201.0	8.0	50	<0.003	0.14	16	1.4	0.10
	201.0	END OF HOLE										

DIAMOND DRILL LOG

HOLE NO. 4

COMPANY: Tri-West Resources Ltd.

PROJECT: Yellow Jacket, Atlin, B.C.

LOCATION 16+10E LENGTH 180 feet DIP Collar: -50°

DATES: Start: November 23, 1984
Finish: November 29, 19846+20S
Revised July, 1985

DRILL CONTRACTOR Arctic Diamond Drilling

AZIMUTH ELEVATION
Grid North: 343° 2,860 feet (approx.)

LOGGED BY: John J. Watkins

Note: Casing left in hole

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
0	36.0	CASING										
36.0	52.0	DIABASE DIKE As before, broken throughout. From 44 to 50: badly broken, 80% lost core, 10 cm core section of ankeritic magnesite. Lower contact marked by 2 cm chill at 30°.										
52.0	82.0	MASSIVE MAGNESITE (ANKERITE) ROCK Oxidized throughout, medium grained, 30 to 40% spotted, oxidized orange ankerite throughout, minor magnesite (carbonate) banding at 45°, 3% scattered white quartz veins. Lower contact broken.	4-1	52.0	60.0	8.0	70	.006	.01	30	1.2	<0.05
			4-2	60.0	70.0	10.0	60	<0.003	.04	41	2.4	<0.05
			4-3	70.0	75.0	5.0	30	.006	.01	5	4.0	<0.05
			4-4	80.0	82.0	2.0	25	.008	10.87	150	90.0	<0.05
82.0	99.6	DIABASE DIKE Medium grey, fine grained, 10% quartz (epidote) veining to 0.5 cm wide. Lower contact distinct at 60°.	4-5	82.0	87.0	5.0	100	<0.003	.08	1	.6	<0.05
			4-6	94.6	99.6	5.0	100	<0.003	.82	5	8.4	<0.05
99.6	109.5	MAGNESITE (ANKERITE) ROCK Soft, medium grained, medium grey with 30% irregular white magnesite banding to 103 feet. From 103 to 109.5: 60% iron (orange) stained ankerite patches. From 108 to 109: 20% quartz veining to 0.5 cm as tension-like gashes at 75°. Trace disseminated pyrite. Lower contact sheared at 70°.	4-7	99.6	104.5	4.9	100	.008	.31	11	3.4	<0.05
			4-8	104.5	109.5	5.0	100	0.12	.35	53	7.8	<0.05

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
109.5	152.0	BASALT (INTRUSIVE?) Medium grey to light grey green, fine grained, massive, uniform textured, cut by numerous quartz veins to 1 foot wide, local silicification, 1 to 2% disseminated pyrite. From 119 to 128: 20% increasing to 80% white quartz veins tending to occur at 70°, some irregular. From 126 to 128: 70% lost core with white quartz fragments. At 132: broken core over one foot with evidence of clay gouge. From 139 to 139.5: Fault(?) 80% white quartz fragments, chlorite heeled, at 70°. From 139.5 to 141.5: 20% fine quartz veins, two sets cross-cutting at 20° and 45°, 5% disseminated pyrite, host rock bleached. From 141.5 to 143: Fault(?) similar to 139 to 139.5, 40% white quartz, 20% chlorite, 40% bleached host. From 143 to 149: 20% increasing to 30% white quartz veins, two sets: 45° set cut and offset 0.5 to 1 cm by 70° set. From 149 to 152: bleached greenish grey basalt, 10% white quartz. Lower contact marked by 2 cm white quartz (chlorite) vein at 50°.	4-9	109.5	114.0	4.5	100	0.014	0.01	10	0.6	<0.05
			4-10	114.0	119.0	5.0	40	0.016	0.01	9	0.8	<0.05
			4-11	119.0	124.0	5.0	40	0.008	0.07	14	0.8	<0.05
			4-12	124.0	129.0	5.0	100	0.038	0.01	29	1.0	<0.05
			4-13	129.0	134.0	5.0	100	0.022	0.08	16	0.9	<0.05
			4-14	134.0	139.0	5.0	100	0.040	0.01	12	0.8	<0.05
			4-15	139.0	143.0	4.0	100	0.014	0.01	90	4.8	<0.05
			4-16	143.0	148.0	5.0	100	0.010	0.11	5	0.6	<0.05
			4-17	148.0	152.0	4.0	100	0.014	0.07	94	5.2	<0.05
152.0	157.0	SILICIFIED MAGNESITE Medium grey, hard, whitish bands, mottled dark grey patches (chloritic?) to 3 mm, some magnesite toward lower contact, vague banding at 70°, 1% disseminated pyrite. Lower contact broken	4-18	152.0	157.0	5.0	100	0.028	0.51	110	12.4	<0.05

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
157.0	160.0	MASSIVE BASALT(?) Medium to dark grey green, fine grained, mottled light grey patches to 40%. 5% fine quartz veining at 70°, 1% disseminated pyrite. Lower contact sharp at 60°.	4-19	157.0	160.0	3.0	100	<0.003	.21	7	0.2	<0.05
160.0	174.0	MASSIVE MAGNESITE ROCK Medium grey, medium grained crystalline, light grey patches with 30% dark grey patches to 0.5 cm, 1% disseminated pyrite. Patchy silicification to 40%, vague banding at 70° to 90°. Lower contact broken.	4-20	160.0	165.0	5.0	100	0.006	.35	130	9.2	<0.05
			4-21	165.0	170.0	5.0	100	<0.003	.10	94	4.8	<0.05
			4-22	170.0	174.0	4.0	100	0.008	.09	7	2.0	<0.05
174.0	178.0	BASALT(?) As before with fine leucoxene spotting, scattered quartz veins to 0.5 cm at 45°.	4-23	174.0	178.0	4.0	100	<0.003	.04	3	1.1	<0.05
178.0	180.0	MASSIVE MAGNESITE ROCK Soft, light grey, medium grained crystalline, 30% dark grey patches, vague banding at 60°, minor pyrite.	4-24	178.0	180.0	2.0	100	<0.003	.06	4	0.1	<0.05
	180.0	END OF HOLE										

DIAMOND DRILL LOG

HOLE NO. 5

COMPANY: Tri-West Resources Ltd.

PROJECT: Yellow Jacket, Atlin, B.C.

LOCATION LENGTH DIP
14+00E 68 feet -60°
6+15S

DATES: Start: November 30, 1984
Finish: December 2, 1984

Revised July, 1985

AZIMUTH ELEVATION
Grid North: 343° 2,870 feet (approx.)

DRILL CONTRACTOR Arctic Diamond Drilling

LOGGED BY: John J. Watkins

FOOTAGE		DESCRIPTION	ASSAYS									
From	To		Sample	From	To	Length	% Recov	Au opt	Ag opt	As ppm	Sb ppm	Te ppm
0	39.0	CASING										
39.0	46.0	FELDSPAR PORPHYRY Light green, massive, 1 mm, creamy grey feldspar phenocrysts in green aphanitic groundmass, broken and pebbled throughout, no visible sulphides.	5-1	39.0	46.0	7.0	60	0.006	0.01		0.8	
46.0	59.0	BASALT Dark green, fine grained, uniform textured, weak to moderate chlorite, irregularly laced with iron stained carbonate(?) veinlets to 1 mm wide, iron stained patches to 10%, no visible sulphides, oxidized. Lower contact broken.	5-2 5-3	46.0 51.0	51.0 59.0	5.0 8.0	100 45	0.012 0.016	0.01 0.01		1.2 1.0	
59.0	68.0	BROKEN GROUND Badly broken, rock fragments recovered, predominantly feldspar porphyry, light green aphanitic with 1 mm light grey feldspar phenocrysts. At 63 feet: encountered gold-rich vein(?) that was impossible to penetrate costing four drill bits. The shells of all four bits were recovered; two bits, the first and third, contained considerable free gold cementing rock fragments, to 1 cm. thick, on the inside wall of bit shells. Casing driven to 68 feet and drilled out.	5-4	59.0	68.0	9.0	20	0.010	0.01		0.3	
	68.0	END OF HOLE										

CANOVA RESOURCES LIMITED

August 7, 1985

Mr. Alex Davidson
Corporation Falconbridge Copper
6415 - 16th Street
Delta, B.C.
V4K 4E2

Dear Mr. Davidson:

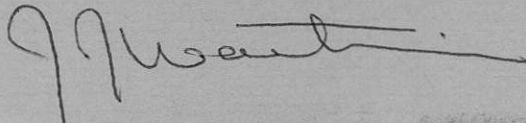
Enclosed please find a report on the Yellowjacket Property presently drill-tested by Canova Resources Ltd. and Tri-Pacific Resources Ltd. The Yellowjacket Property is part of a larger group owned by Canova and Tri-Pacific as shown on the accompanying figure.

Highly anomalous gold values have been won from a well developed quartz and carbonate alteration that is wide and has along-trend potential. Area access is excellent.

Canova and Tri-Pacific are interested in a mining company involvement leading to a joint venture agreement.

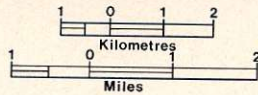
Interest can be directed to Mr. Jim Hirst of Canova Resources Ltd.

Submitted by:

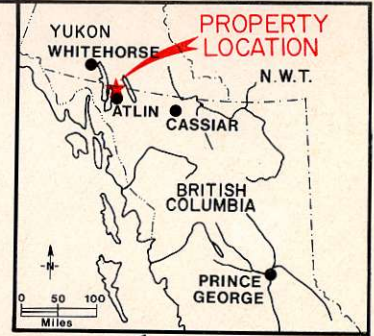


John J. Watkins
Consulting Geologist

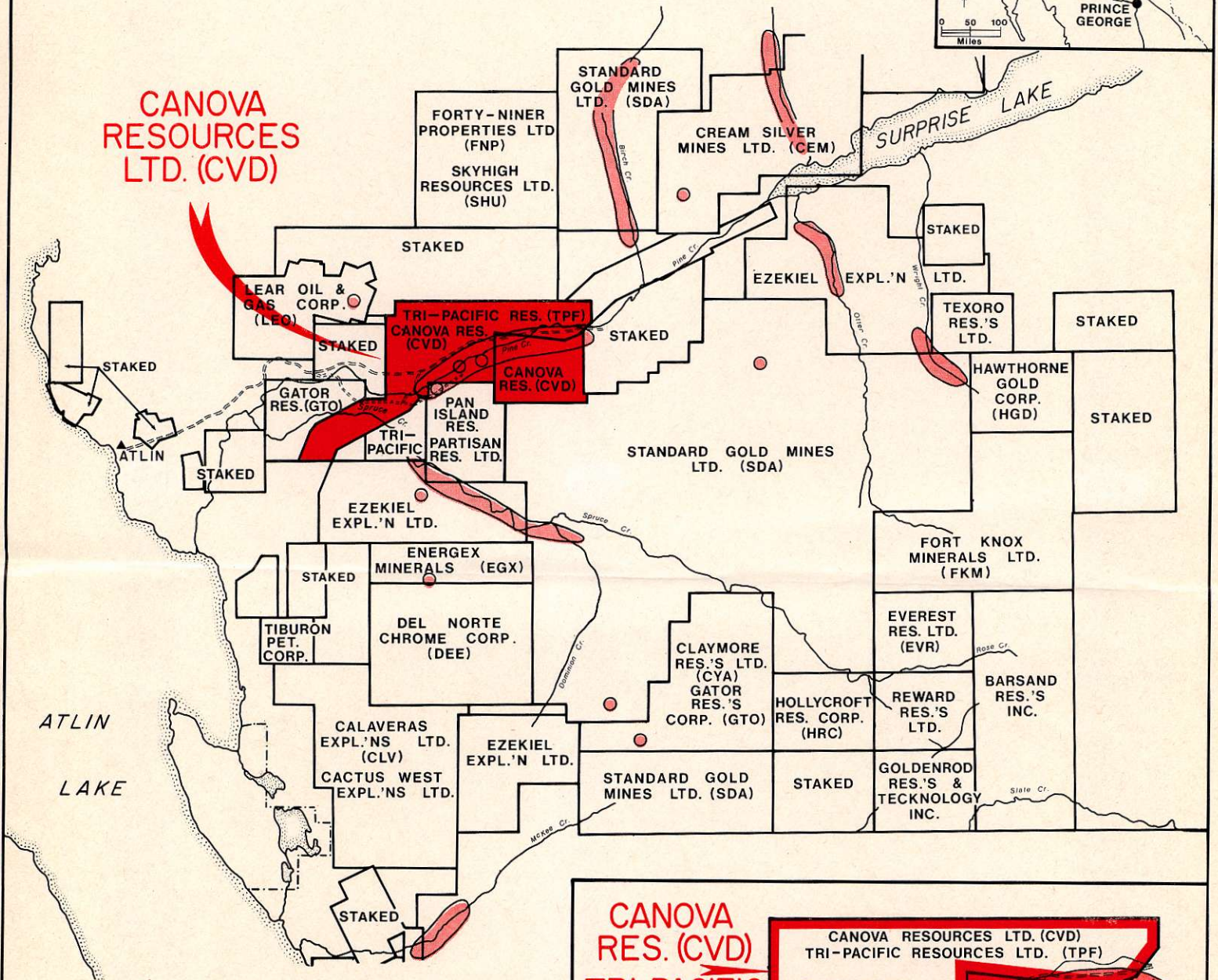
ATLIN GOLD CAMP



- FORMER PLACER PRODUCTION
- LODE GOLD OCCURRENCE

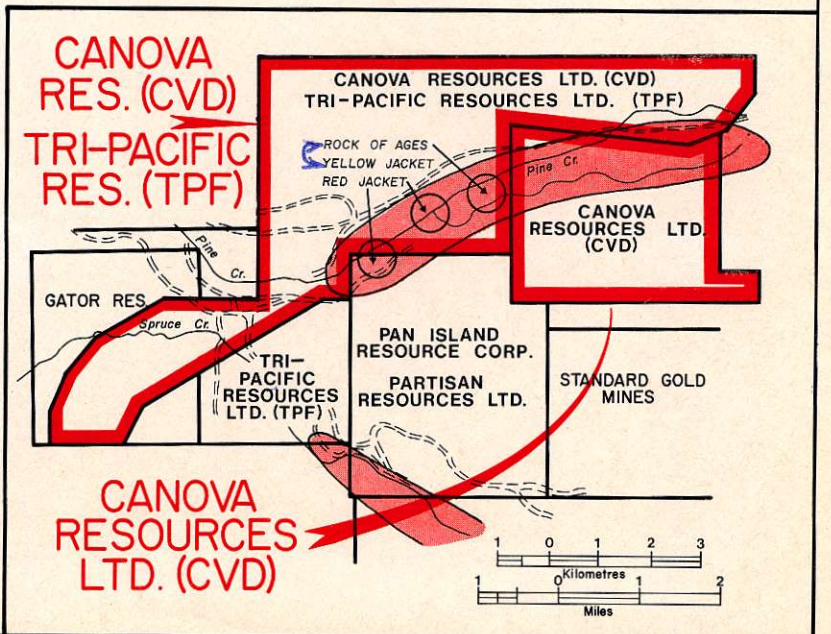


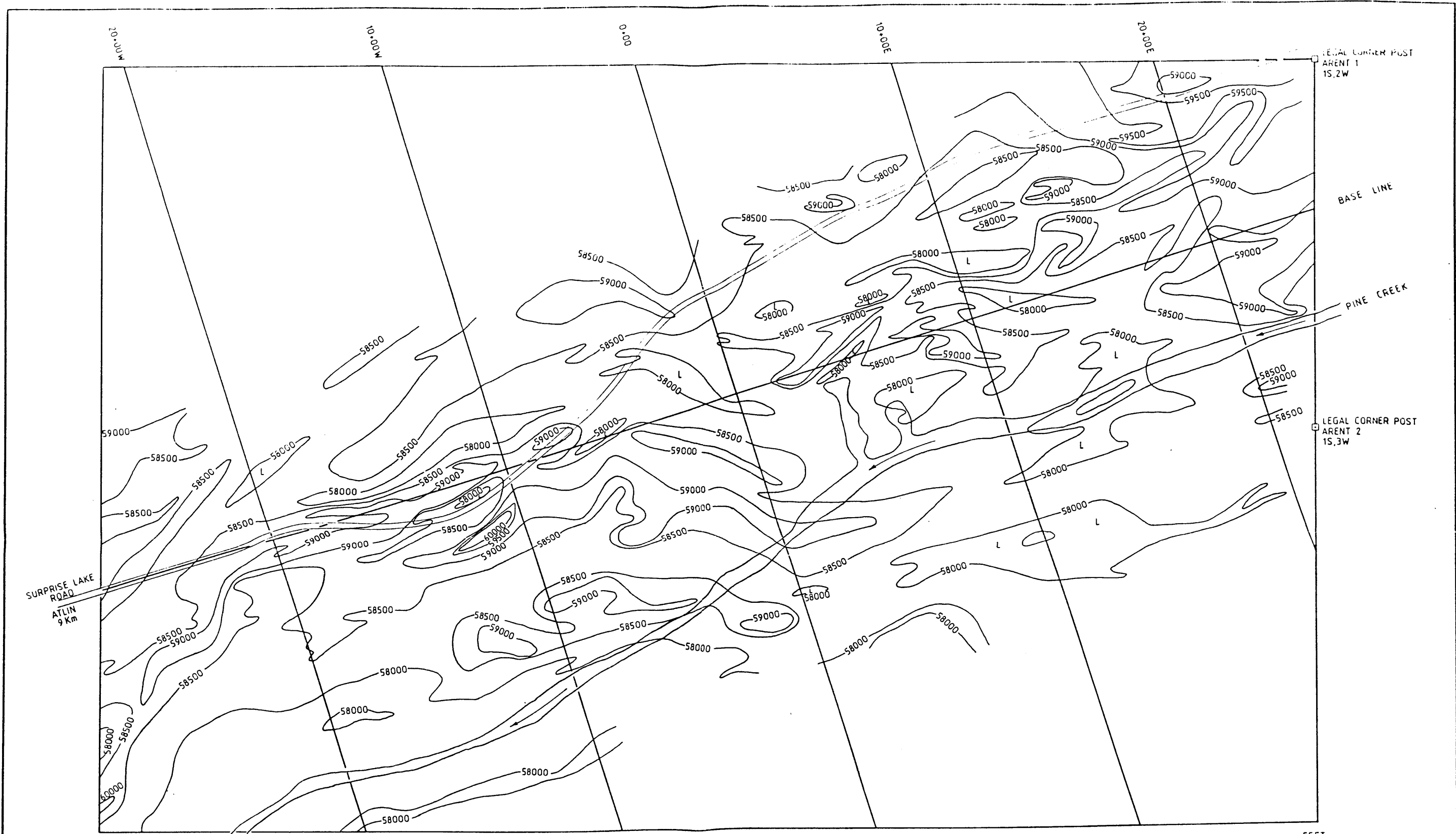
CANOVA RESOURCES LTD. (CVD)



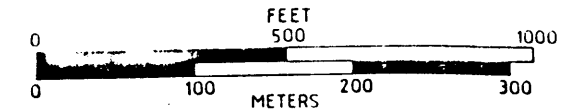
CANOVA RESOURCES LTD. (CVD-V.S.E.)

500-455 GRANVILLE ST.
VANCOUVER, B.C. V6C IV2
TELEPHONE: (604) 687-6899

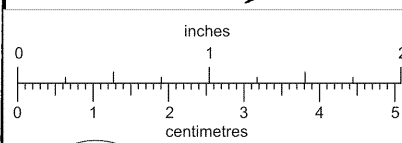




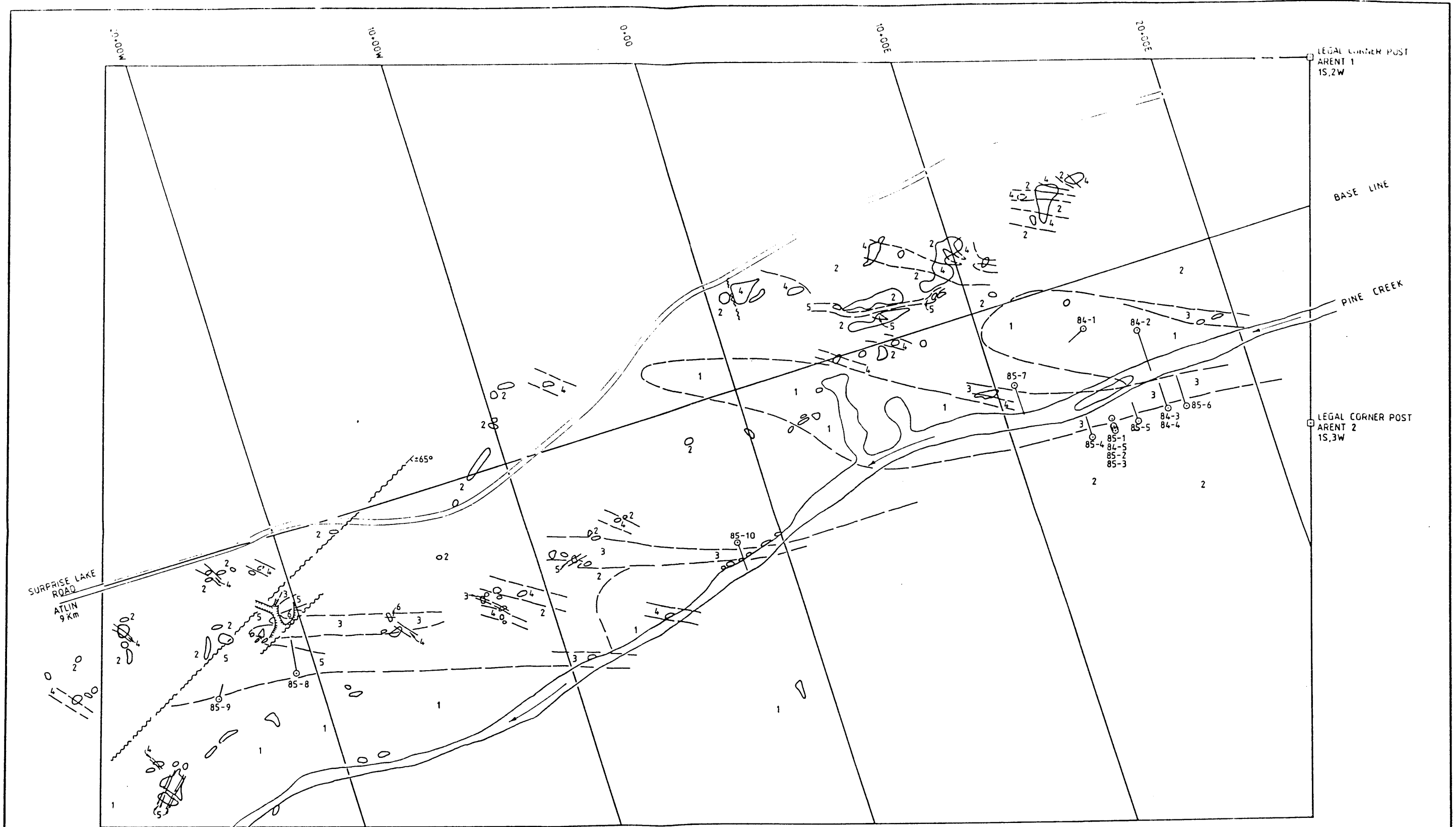
GEOMETRICS 816 PROTON MAGNETOMETER
 CONTOUR INTERVAL 500 GAMMAS
 READINGS EXPRESSED IN GAMMAS



YELLOWJACKET PROPERTY		
ARENT CLAIMS ATLIN MINING DIVISION		
MAP 1 CONTOURED TOTAL FIELD MAGNETIC MAP		
NTS 104N 12E	DATE: JULY 1985	JAM GEOLOGICAL

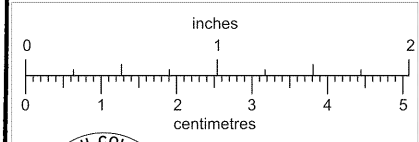


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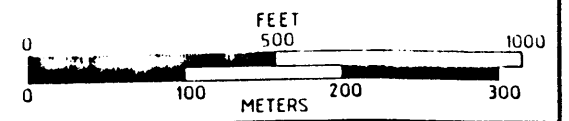


EXPLANATION

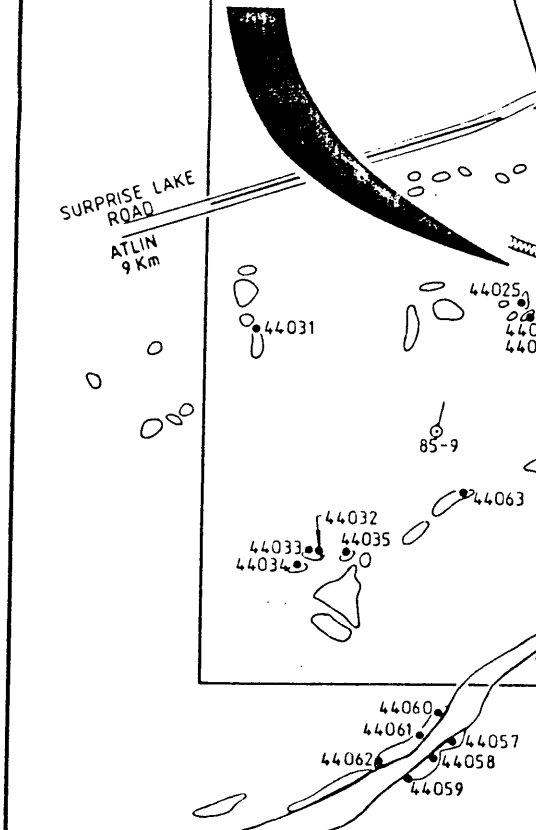
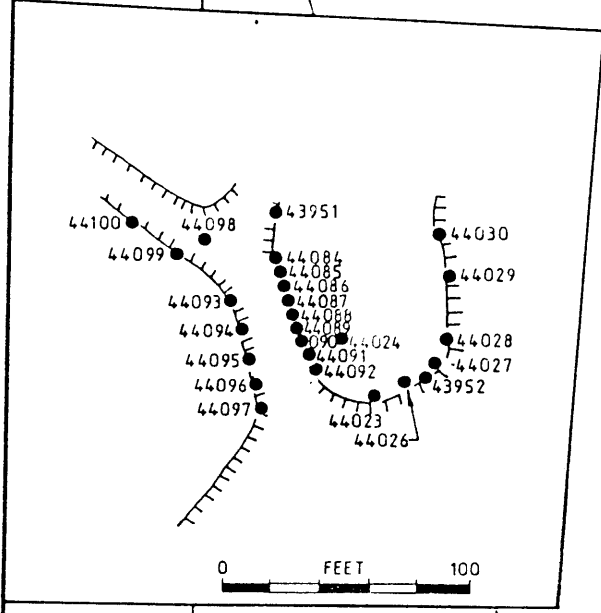
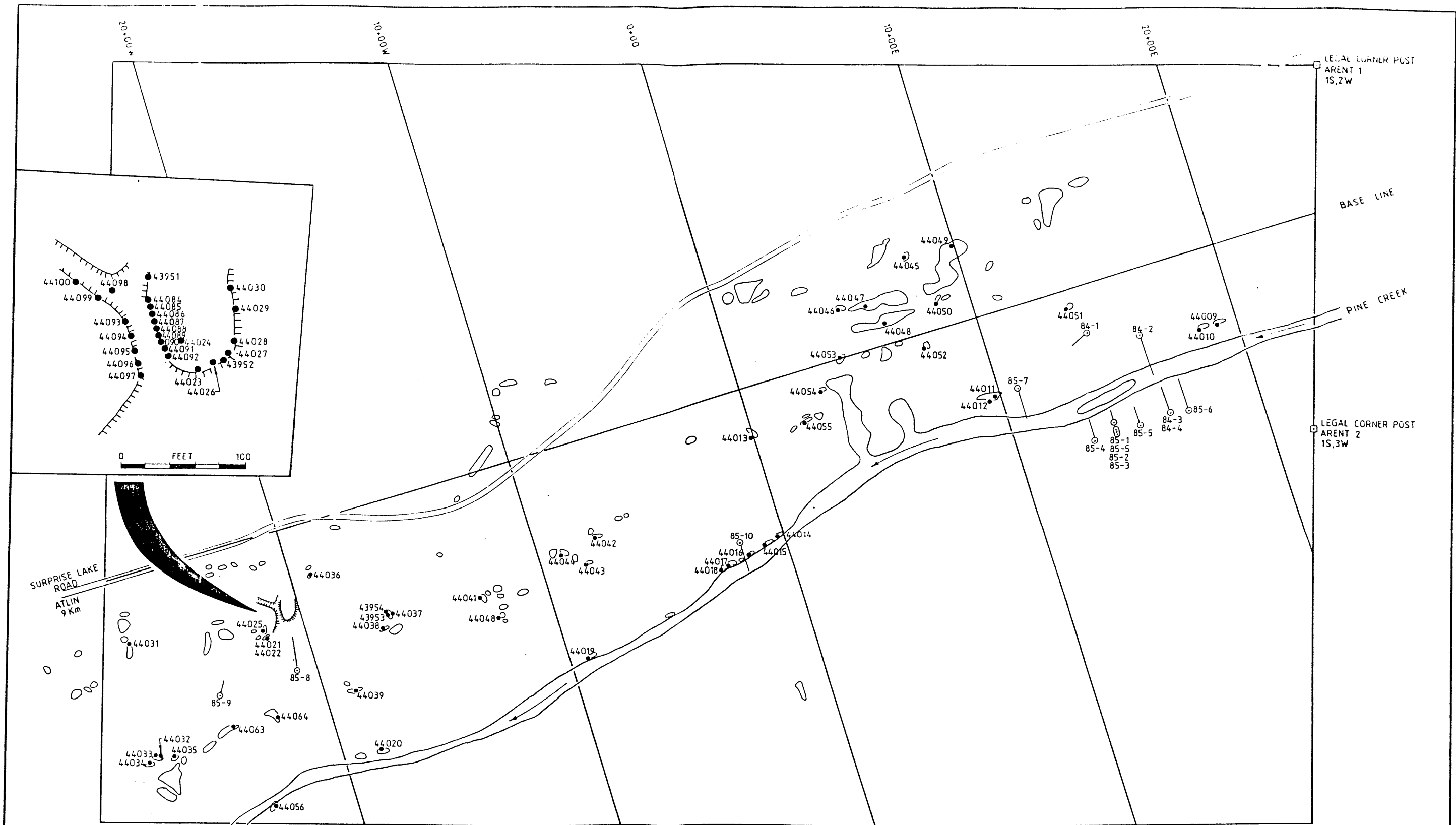
- | | |
|-------------------------------|--------------------|
| 1 BASALT | BEDROCK OUTCROP |
| 2 SERPENTINITE | 65° FAULT |
| 3 HYDROTHERMALLY ALTERED ROCK | GEOLOGICAL CONTACT |
| 4 MAFIC INTRUSIVE ROCK | TRENCH |
| 5 INTERMEDIATE INTRUSIVE ROCK | DRILL HOLE |
| 6 GRAPHITIC CHERT | |



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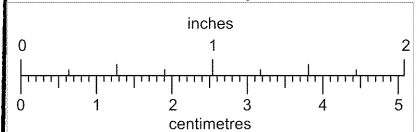
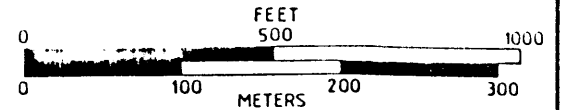


YELLOWJACKET PROPERTY		
ARENT CLAIMS		
ATLIN MINING DIVISION		
MAP 2		
SURFACE GEOLOGY		
NTS 104N 12E	DATE: JULY, 1985	JAM GEOLOGICAL



EXPLANATION

- 44031 SAMPLE LOCATION AND NUMBER
- ◻ BEDROCK OUTCROP
- 85-10 DRILL HOLE AND NUMBER
- TRENCH
- ANOMALOUS SAMPLE



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YELLOWJACKET PROPERTY		
ARENT CLAIMS		
ATLIN MINING DIVISION		
MAP 3		
SURFACE SAMPLES		
LOCATION MAP		
NTS 104N 12E	DATE: JULY, 1985	JAM GEOLOGICAL