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- LONE TRAIL PROSPECTING LTD.

- PROPERTY PACKAGES - 1990

BY: RON BILQUIST

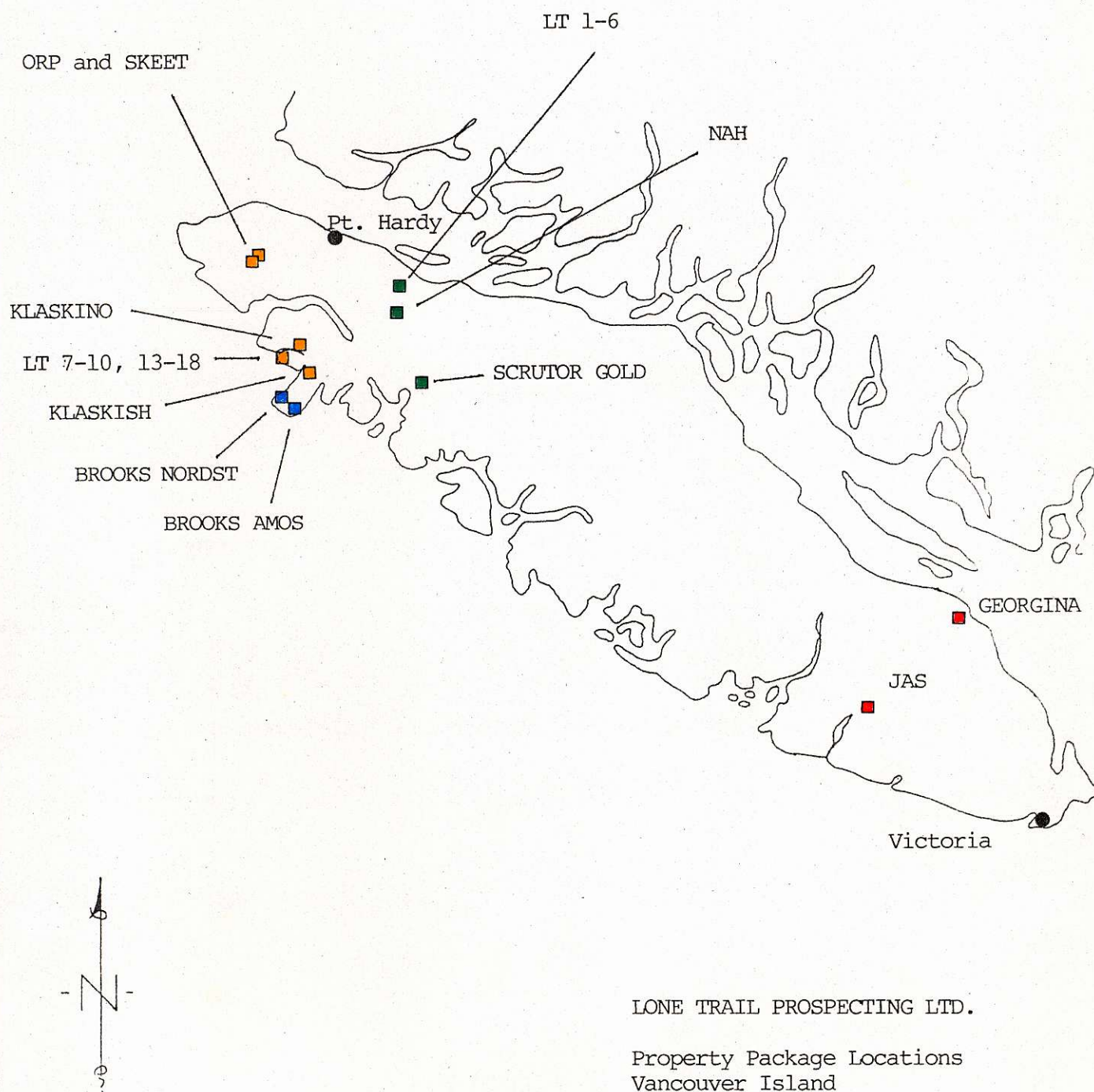
- JANUARY, 1990

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INTRODUCTION: Lone Trail Prospecting Ltd. owns a number of interesting properties on Vancouver Island and in the Yukon. In 1990 we are initiating a new concept for us in property marketing. We have grouped the properties so that a client may, in most cases, economically explore a number of prospects from a common camp or at least be able to move camp at minimum cost. We have also lowered our average first year option price such that a client may option a number of properties at a cost less than it would normally be for one property. Lone Trail would hope to be able to participate in some of the initial work programs on the properties. Some of the properties have a history of work on them while others are at a very early stage. One advantage in the packaging is that while work is being performed on an advanced prospect it would be relatively inexpensive to judge the viability of the more grass roots prospects.

The following pages will give a brief description of each property package - properties, location & access, history (references), potential target and proposed deal. The terms laid out are not totally etched in stone but are negotiable.



PROPERTY PKG LONTRP 90-01

PROPERTIES: Jasper and Georgina Claims

1. JASPER #1 CLAIM (16 units) expires 1993.

Location: Map sheet 92C/15E on Jasper Creek, a tributary of the Nitinat River.

Access: By public access roads from Cowichan Lake to the east or from Pt. Alberni. A network of logging roads provides excellent access within the claims.

Geology: Volcanics and sediments of the lower Bonanza Group.

References:

- a. Geological and Geochemical Report on the Jasper Property by Taiga Consultants for Asamera Inc., Sept, 21, 1987.
- b. Summary Report on the Jasper Claim Group, 1985 Field Programme, S. Lear, 1986
- c. British Columbia Mineral Exploration Review, 1985, p. 62.
- d. Summary Report of the Jasper Claim Group; K. Hudson, Oct. 1984 and S. Lear, March 1985.
- e. Report on Prospecting Survey of Jasper #1 Mineral Claim; Ron Bilquist, 1984.

## References: (Cont'd)

- f. Jasper Property; R.R. Culbert, June 1983.
- g. MinFile #92C080, 081
  - BCDM Open File (Diamond Drill Plan)
  - " GEM. 1971-227, 1972-260, 1976-E109.
  - " Ass. Repts. 3025, 3649, 5857.

Potential Targets: Volcanogenic massive sulphides of pyrite, chalcopyrite and sphalerite outcrop in road cuts on the property. Sporadic values in gold and silver also occur. BCDM geologist Paul Wilton suggests that this appears to be a 'Kuroko' style occurrence in lower Bonanza Volcanics. Nearby the massive sulphides intense silicification is found over an area of about 30 x 100 meters. Geochem. surveys over the claim area produced anom. gold values in soils and grab samples from one quartz stringer gave values of 19000 ppb. in gold. Silica in this area is chalcedonic and displays an "angel wing" texture often associated with min. high up in epithermal deposits. The quartz above the Skukum Gold occur. in the Yukon is the same as what is found at the Jasper property.

2. GEORGINA CLAIMS (49 units) expires March/April 1990.

Location: Map sheets 92F/1 and 8E. west of Nanoose  
Harbour just north of Nanaimo.

Access: By good all season logging roads from Island  
Highway at Nanoose.

Geology: Most of the claim is underlain by sediments  
and volcanics of the Myra Formation, a subdiv.  
of the Sicker Group. Triassic Karmutsen volcan-  
ics are in fault contact to the west.

References:

- a. Georgina Claims; R.V. Longe, 1986.
- b. MinFile #92F178
  - BCDM Open File (Property Report,  
Gunnex Ltd., 1965)
  - BCDM MMAR. 1934-F7, 1935-G46,  
1936-F63, 1939-89.
  - GSC P. 68-50-38.

Potential Targets: There is the possibility for both  
volcanogenic massive sulphide and epithermal gold  
deposits. The Georgina Claims is one of the last  
areas of Sicker rocks on Vancouver Island that has  
escaped a serious scrutiny. The Myra Formation is  
host to ore bodies at Buttle Lake as well as prom-

Potential Targets: (Contd)

ising prospects near Duncan and Pt. Alberni. one small subeconomic gold occur. does exist on the north end of the claims (MMAR 1934, 1935, 1936 1939) and a small occur. of massive arsenopyrite running 7900 ppb gold was discovered in one of the creeks on the property. A number of barren-looking quartz veins of variable size have been found throughout the claims. These have not been sampled as yet. An old sluice box was also found on the bank of Bonnell Ck. within the claim boundary.



PROPOSED DEALLONTRP 90-01

on signing	\$5000.00		
end 1st yr.	\$10,000.00		
" 2nd yr.	\$10,000.00	per property	
" 3rd yr.	\$25,000.00	"	"
" 4th yr.	\$25,000.00	"	"
" 5th yr.	\$50,000.00	"	"
" 6th yr.	begin AAR(Annual Advance Royalty) of \$50,000.00 per year until production. This is to be sub- tracted from a 1.5% NSR.		

Other clauses normally contained in option agreements will also be included.

PROPERTY PKG LONTRP 90-02

PROPERTIES: Scrutor Gold & SG, LT 1-6, and NAH #1 Claims.

1. SCRUTOR GOLD & SG CLAIMS (16 units) expires Dec. 1990

Location: Map sheet 92L/3E, approx. 25 km. northwest of Zeballos near the Artlish River.

Access: By good logging road from the Island Highway about 10 km. south of Nimpkish.

Geology: Sediments of the Quatsino-Parson Bay Formation and Bonanza Volcanics (rocks of basaltic to rhyolitic composition with related sediments). A Jurassic intrusive lies to the south and east of the claims.

References:

- a. Geology and Geochemistry on the Scrutor Gold Group; Linda J. Lee January, 1988.
- b. Scrutor Gold #2 Claim, Geochemistry and Preliminary Geology; A.W. Gourlay March, 1987.
- c. Scrutor Gold Claims; R.V. Longe March, 1986
- d. MinFile #92L100

- BCDM MMAR 1946, p.178.

Potential Targets: The primary target is in the area of the old showings where the geochemical signature and the geology favor a gold bearing copper/iron

Potential Targets: (Contd)

skarn type of deposit. In fact the geochemical expression is very similar to that of the Merry Widow deposit. The second type of deposit possible here would be a volcanogenic massive sulphide on the SG claims to the north. A rhyolite which has been fractured and then flooded with sphalerite and galena could represent the rhyolite 'dome' often associated with massive sulphide deposits.

2. LT 1-6 CLAIMS (6 units) expires June 1990.

Location: Map sheet 92L/11E at the north end of Nimpkish Lake and just south of Pt. McNeil.

Access: By good all weather logging roads from the Island Highway just north of Pt. McNeil.

Geology: Mapped as Bonanza Volcanics contacting Karmutsen Volcanics on the south.

References:

- a. 1988 B.C. Regional Geochem. Survey; sample number 92L3227

Potential Target: Free milling gold in quartz veins.

Both the original sample and the rerun sample taken during the survey were highly anomalous. The only other area where samples had higher values were in the Zeballos area, a well known gold camp.

3. NAH # 1 CLAIM (20 units) expires June, 1990

Location: Map sheet 92L/6E just west of the south end of Nimpkish Lake.

Access: An old overgrown railway bed provides limited access from the south end of Nimpkish Lake. A helicopted can be chartered from Pt. McNeil with the flying time to the property being about 10 minutes one way.

Geology: The geology of the claim area was mapped by Muller et al in 1974 as Karmutsen Volcanics.

References:

- a. 1988 B.C. Regional Geochem. Survey; sample number 92L1372.

Potential Target: Gold in quartz veins. Only gold was anom. in the regional survey indicating that the likly source would be a quartz vein or a network of quartz veins.

PROPOSED DEALLONTRP 90-02

on signing	\$5000.00	
end 1st yr.	\$5000.00	per property
" 2nd yr.	\$10,000.00	" "
" 3rd yr.	\$10,000.00	" "
" 4th yr.	\$15,000.00	" "
" 5th yr.	\$25,000.00	" "
" 6th Yr.	\$50,000.00	" "
" 7th yr.	begin AAR(Annual Advance Royalty) of \$50,000.00 per year until production. This is to be sub- tracted from a 1.5% nsr.	

Other clauses normally contained in option agreements will also be included.

PROPERTY PKG LONTRP 90-03

PROPERTIES: Orp and Skeet, Klaskino, Klaskish, LT 7-10, 13-18 Claims.

1. ORP & SKEET CLAIMS (39 units) expire March 1999 and April 1990.

Location: Map sheet 102I/9E approx. 5 km. south of Holberg which is near the north end of Vancouver Island.

Access: Via logging roads from Holberg. Holberg is about 1 hr. drive from Pt. Hardy.

Geology: The oldest rocks on the property are basalts of the Kar-mutsen Formation. These are overlain by the Quatsino Formation limestone. Above the limestone is the Bonanza Subgroup which is subdivided into a lower sediment unit (Parson Bay Sediments) and an upper volcanoclastic unit (Bonanza Volcanics).

References:

ORP CLAIMS-

- a. Geological and Drilling Report on Holberg Property;  
D.G. Leighton, March 1989.

SKEET CLAIMS-

- a. BCDM MMAR 1918-221, 268; 1919-205; 1922-232; 1923-251; 1924-229; 1926-304; 1927-346; 1928-374; 1929-377; 1930-295; 1962-96; 1963-128; 1964-154; 1966-65; 1967-69.
- b. BCDM GEM 1969-201
- c. BCDM Open File and Ass. repts. 497, 1765
- d. GSC Sum. Rept. 1918 B-36, 1929A-139

Potential Target: The primary target here is epithermal gold on the ORP Claims. Massive orpiment and realgar occur in outcrops on the claims. Geochemical soil sampling over the showings define a distinct zone anom. in Hg, As and Sb which are common tracer elements in epithermal deposits. Anom. gold values are scattered through out the zone. B.C. govt. geologist Paul Wilton found silicification in the form of amythyst near the showings - this has not been analysed. Very little work has been carried out by the present owners on the SKEET Claims but from the history of the area and the property it seems that the target would be a porphyry copper with precious metals.

2. KLASKINO CLAIMS: (21 units) expires March 1990.

Location: Map sheet 92L/5E at Klaskino Inlet on the north west coast of Vancouver Island.

Access: By all weather (active) logging roads from Pt. Alice.

Geology: Karmutsen Volcanics (basalts) are overlain by Quatsino limestone which is in turn overlain by the Parson Bay sediments.

References:

- a. Farm-Out Proposal for the SIN 1-9 and KI 1-3 Claims, R. Wong  
May 1985.
- b. MinFile #92L144
  - BCDM GEM 1973-273, 1974-212
  - BCDM Ass Rept. 961, 2407, 4730.
- c. MinFile #92L237
  - BCDM MMAR. 1903-195, 1967-70

## References (Contd):

- BCDM GEM 1973-257. 1974-212.
- BCDM Ass Rept. 961, 2407, 4730.

Potential Target: Since near the turn of the century the area has been the target of numerous exploration ventures. It is not known what the earliest prospectors were in search of but one must assume that it was likely gold or copper/gold. The results of their efforts is not known. In the early 60's and 70's the target was porphyry copper which was spurred on by the discovery of Island Copper near Pt. Hardy. Soil Geochemistry for copper is very anom. on the property. In the early to mid 80's the area was considered as a good environment for epithermal gold. The regional geochem. survey indicates this with first order anom. in Zn, Cu, As and Sb. There are second order anom. in Co, Hg and Au. Within the claims there are also outcrops of massive pyrrhotite (1 - 2 meters thick) which have never been tested for gold. These showings could represent a skarn of iron/copper with possible gold.

3. KLASKISH CLAIM (16 units) expires April 1990.

Location: Map sheets 92L/4E and 5E at Klaskish Inlet about 29 km. south of Quatsino Sound near the north end of Vancouver Island.

Access: By boat from the end of the logging road system at Klaskino Inlet or by helicopter from Pt. Hardy. Flying time is Approx. 20 minutes one way.

Geology: Mapped as Bonanza Volcanics which are intruded by Jurassic Island Intrusions. The volcanics are cut by a mineralized



Geology (Contd):

rhyolite dyke as well as numerous large dykes of quartz/feldspar porphyry.

References:

a. Minfile #92L251

-BCDM GEM 1972-287

b. Report on the Brooks Property by R.J. Bilquist, Sept. 1975.

Potential Target: The rhyolite dyke has values in Cu, Pb and Zn.

An insufficient number of samples were taken in 1975 to test the precious metal potential. In another area of the property a skarn-like occur. is found. Two samples taken in 1975 gave good values in Cu, Zn and Co. More sampling is required here to test the potential of precious metals.

4. LT 7-10, 13-18 CLAIMS (10 units) expires June 1990.

Location: Map sheet 92L/5E at Scouler Entrance to Klaskino Inlet which is about 20 km. south of Quatsino Sound.

Access: By all weather (active) logging roads from Pt. Alice.

Geology: Mapped as Karmutsen Volcanics.

History: 1988 B.C. Regional Geochem. Survey; sample #92L1159.

Target: The geochemical signature (first order Au, Sb and second order As and Hg) indicates the possibility of epithermal gold mineralization.

PROPOSED DEALLONTRP 90-03

on signing	\$5000.00		
end 1st yr.	\$5000.00	plus \$1000.00 each for the 2nd, 3rd or 4th properties held.	
" 2nd yr.	\$5000.00	per property	
" 3rd yr.	\$10,000.00	"	"
" 4th yr.	\$10,000.00	"	"
" 5th yr.	\$25,000.00	"	"
" 6th yr.	\$50,000.00	"	"
" 7th yr.	begin AAR (Annual Advance Royalty) of \$50,000.00 per year until production. This is to be sub- tracted from a 1.5% NSR.		

Other clauses normally contained in option agreements will also be included.

PROPERTY PKG LONTRP 90-04

PROPERTIES: Brooks Nordst and Brooks Amos Claims.

1. BROOKS NORDST (32 units) expires June 1990.

Location: Map sheet 92L/4W on the north west coast of Vancouver Island near Cape Cook on Brooks Peninsula.

Access: By helicopter approx. 25 minutes flying time from Pt. Hardy.

Geology: Mapped as Westcoast Crystalline Complex consisting of ;  
unit 1a. gabbro, metagabbro, amphibolite gneiss and migmatite;  
unit 1b. mylonitic schist and unit 1c. dyke complex.

References: <sup>1</sup>. Geology of the Brooks Peninsula, Vancouver Island; by  
W.R. Smyth 1984.

<sup>2</sup>. 1988 B.C. Regional Geochem. Survey; Sample #92L1170 &  
92L1170.

Potential Target: From the geochemical signature expressed in the regional geochem. survey (anom. Ag, Cu, Zn, Pb, Ni, Cd, Sb, Cr, and mod. anom. Co, As, Mn) one could expect either of two different deposit types. The first type being mineralization in veins or shear zones and the second being mineralization usually associated with mafic or ultramafic intrusions - copper, nickle, chromium and platinum group minerals.

2. BROOKS AMOS (112 units) expires April 1990.

Location: Map sheet 92L/4W on northwest Vancouver Island in the western extremity of Brooks Peninsula.

Acess: By helicopter approx. 25 minutes flying time one way from Pt. Hardy.

## References:

1. Geology of the Brooks Peninsula, Vancouver Island; W.R. Smyth, 1984.
2. 1988 Regional Geochem. Survey; Sample #'s 1213/14, 1172/73.
3. MinFile #92L248
  - BCDM MMAR 1913-283.
  - BCDM Open File
  - BCDM Bull. 28-15

Potential Target: Coarse and fine-grained placer gold is reported to have been taken from Amos Creek on the western extremity of Brooks Peninsula. The source of the gold has never been located.

PROPOSED DEALLONTRP 90-04

on signing	\$3000.00*		
end 1st yr.	\$5000.00		
" 2nd yr.	\$5000.00	per property	
" 3rd yr.	\$10,000.00	"	"
" 4th yr.	\$10,000.00	"	"
" 5th yr.	\$30,000.00	"	"
" 6th yr.	\$50,000.00	"	"
" 7th yr.	begin AAR(Annual Advance Royalty) of \$50,000.00 per year until production. This is to be sub- tracted from a 1.5% NSR.		

Other clauses normally contained in option agreements will also be included.

\* The prospectors in Lone Trail Prospecting will be applying for the govt. grants in 1990 to work in this area.

PROPERTY PKG LONIRP 90-05

PROPERTIES: Part, Boud, Aul and Cro Claims.

1. PART (about 40 2-post claims)

Location: Map sheet 105/D3 at the west end of the West Arm of Bennett Lake in the southwest Yukon.

Access: Either by boat up Bennett Lake from Carcross or by 9 minute helicopter flight (one way) from the Wheaton air strip.

Geology: Bennett Lake Cauldron Complex which includes sedimentary rocks , lithic tuffs and ignimbrite. These are intruded or underlain by quartz monzonite.

References:

- a. PART CLAIMS Final Report by A.W. Gurlay, Jan. 1988.
- b. PART CLAIMS - Final Report. A.W. Gurlay, 1986
- c. PART CLAIMS PRELIMINARY REPORT; A.W. Gurlay, July, 1986.
- d. PART CLAIMS - Partridge Lake; R.V. Longe, 1985.
- e. Part Claims - Recollections from Work Carried out between 1977 and 1979; R. Bilquist, 1985.
- f. Geological and Geochemical Report on the Part 1-32 Mineral Claims ; R.R. Culbert, 1979.

Potential Target: In 1979 the author discovered a small showing in siliceous volcanics which had native silver, electrum and galena. On analysis values were 1.5 oz/ton gold and 250 oz/ton silver. The owners at that time were not interested in precious metals. In 1985 R. Bilquist, L. Allen picked up the property on a grubstake agreement with MineQuest Exploration Assoc.

Work carried out from 1985 to 1988 resulted in encouraging values gold and silver although not as spectacular as the original discovery. The zone on the surface is quite narrow. Two separate drill programs failed to reach the primary target area - a permeable sedimentary unit that underlies the tight siliceous ignimbrite and tuffs in which the main showing occurs.

## 2. BOUD (about 34 2-post claims)

Location: Map sheet 105D/3 on Boudette Creek, a tributary of the Wheaton River.

Access: By helicopter from the Wheaton air strip about 12 minutes flying time one way.

Geology: Intrusive rocks of the Coast Plutonic Complex at the western margin of the Bennett Lake Cauldron Complex.

### References:

- a. BOUD CLAIMS BY A.W. Gourlay; Dec. 1987.
- b. Bennett Lake Regional - Final Report by A.W. Gourlay; Dec. 1986.

Potential Target: An 'angel-wing' textured silical is found on the west side of the claims. This texture is the result of silica pseudomorphing calcite and is commonly found above ore shoots at the Mt. Skukum Mine (22 miles to the north) and at the mine at Blackdome Mt. The angel-wing texture is characteristic of boiling within an epithermal system. Values in gold up to 2900 ppb were found at this site, making this zone a good exploration target. Across the valley, on the east side of the

side of the claims, the Les Showing is a system of large quartz veins that can be traced for more than two kilometers. A limited number of samples were taken here and though the gold values were uniformly low, the silver values were quite anomalous with some in the 3 - 6 oz/ton. The presence of silver here makes this also a viable target.

### 3. AUL (about 24 2-post claims)

Location: Map sheet 105D/3 on MacAuley Creek west of the West Arm of Bennett Lake in the southwest Yukon.

Access: By helicopter from the Wheaton air strip about 10 minutes flying time one way.

Geology: Quartz monzonite overlain by undifferentiated tuffs of the Partridge Lake Formation and densely welded ignimbrites of the MacAuley Creek Formation. A high grade silver showing occurs on the claims adjoining to the east.

#### References:

- a. Bennett Lake Regional Preliminary Report by A.W. Gurlay; January 1988.
- b. Aul Claims by A.W. Gurlay; 1987.
- c. Aul Claims by A.W. Gurlay; August 1986.
- d. Aul Claims by A.W. Gurlay; June 1986.

Potential Target: The primary targets would be either high grade silver similar to that on the claims to the east or epithermal gold/silver in the quartz vein systems found in the western regions of the claims.



4. CRO (about 40 2-post claims)

Location: Map sheet 105D/3 near the headwaters of Crozier Creek, a small stream which flows into the West Arm of Bennett Lake at its western extremity.

Access: By helicopter about 9 minutes one way flying time from the Wheaton air strip.

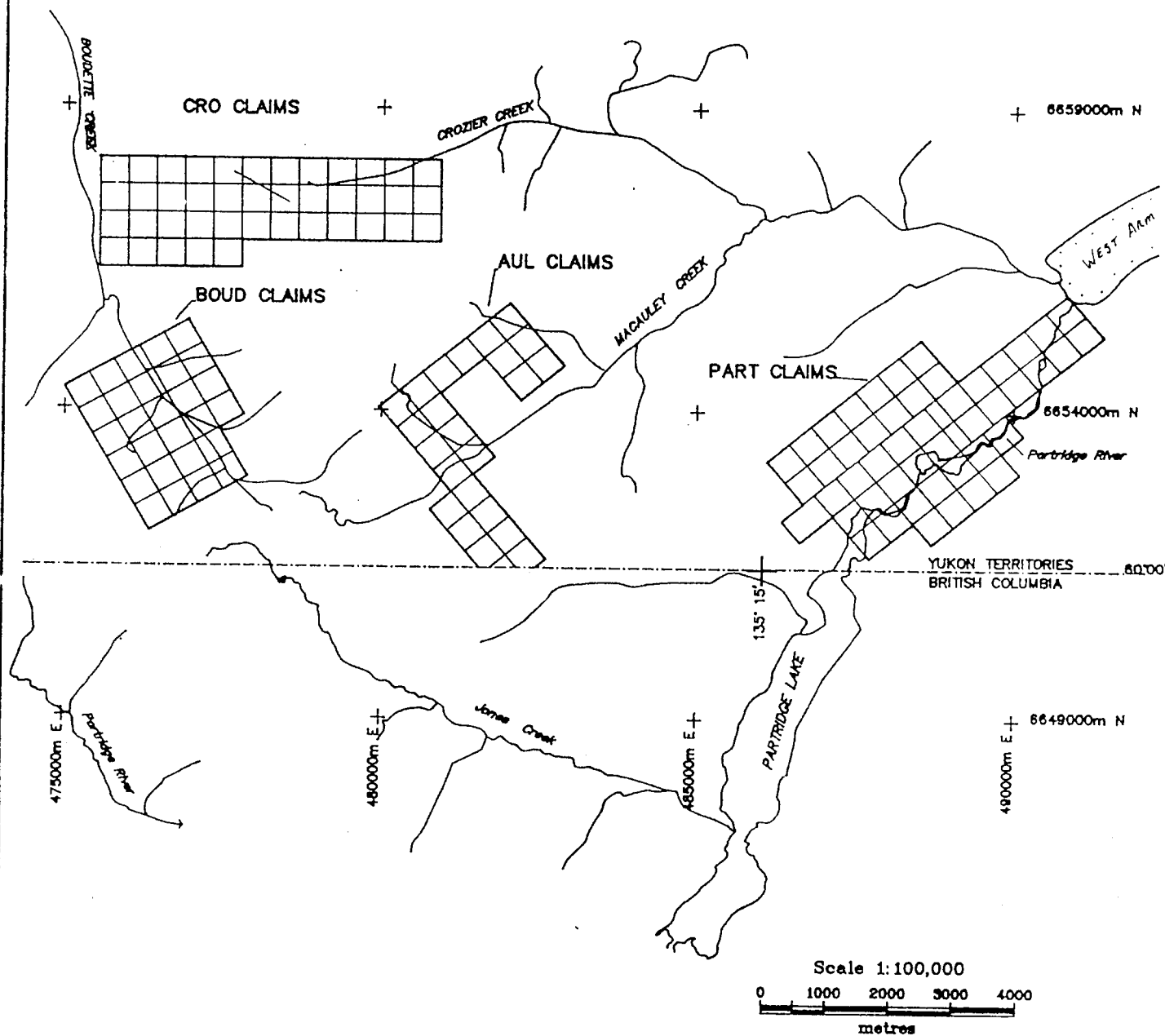
Geology: At the north margin of the Bennett Cauldron Complex. The claims cover the contact between metamorphic and intrusive basement rocks with younger volcanic rocks.

References:

- a. Bennett Lake Regional Preliminary Report by A.W. Gourlay; January 1988.
- b. CRO CLAIMS by A.W. Gourlay; December 1987.
- c. Bennett Lake Regional - Final Report by A.W. Gourlay, 1986.

Potential Target: Anomalous gold and silver values are found in quartz float or subcrop. The stream draining the area gives a strong heavy mineral response. Insufficient work has been carried out to determine the type of occurrence present.

NOTE: The terms for optioning Property Pkg LONTRP 90-05 are negotiable as ownership of the claims is fragmented.



YUKON PROPERTIES