

**ASSESSMENT REPORT
TRENCHING AND RECLAMATION WORK**

094127

completed on the
**RED CHIEF 2 (YB57726)
PROTECTOR 3 (YB58182)
NANA 1 & 2 (YB57721-22)
BA 7 & 8 (YB66734 & 733)**

**WHITEHORSE MINING DISTRICT
YUKON TERRITORY**

Work completed
between September 28, 1999 and October 5, 1999

Location: 1. Franklin Lake Area, 15 km west of Whitehorse
2. NTS 105 D-11
3. Latitude 60° 40' N
Longitude 135° 15' W

By: R. Allan Doherty, P.Geo.
Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

May 8, 2000



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) of the Quartz
Mining Act and is stated to
representation work in the amount
of \$ 12,800

M.B. K.
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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Claims: Marie 1-4 (YB37478-YB37481)
Nana 1-4 (YB57721-YB57724)
Peel 1-37 (YB66824-YB66860)
Ba 1-14 (YB66861-YB66864)

For: Sid McKeown
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Y1A 2R8

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INTRODUCTION

This report describes the exploration and reclamation work carried out on the RED CHIEF, NANA, PROTECTOR and BA claims, located 5 km west of the City of Whitehorse, Yukon, between September 28 and October 5, 1999. The claims cover an area of Upper Triassic Lewes River Group limestone, intruded by mid-Cretaceous quartz monzonite and granodiorite of the Jackson Creek Pluton. Mineralization is typical of skarns of the Whitehorse Copper Belt as well as showing potential for low grade bulk tonnage gold mineralization. The work consisted of trenching, extending and deepening existing trenches running flagged lines and collecting soil and rock samples on the NANA, PROTECTOR and BA claims, and reclamation work completed on the RED CHIEF Claims. The reclamation work program was approved by the mining recorder prior to commencing the work. The total value of exploration and reclamation expenditures filed for credit is \$12,800.00.

LOCATION, AND ACCESS

The Nana 1-4 claims are located fifteen kilometers west of the City of Whitehorse, Yukon Territory, and 3 km west of Jackson Lakes. Access is by a five km four-wheel drive road from kilometer 12 on the Fish Lake road.

TOPOGRAPHY, CLIMATE

The climate of the area varies from a high of +30C in the summer to lows of -40C during the winter. Typical are long hot summers (May to September) with up to 18 hours of daylight and moderate to harsh winters (October to April) with less than 7 hours of daylight.

Black spruce is the most common tree species in the area. These favor the NE side of valleys and are a common indicator of local permafrost. More exposed areas have a mixture of white and black spruce with occasional pine. In the most exposed areas aspen colonies are well established. Willows are abundant in the valleys and low areas.

PROPERTY

The Jackson Creek properties comprise 64 full and fractional quartz mineral claims that cover an area of Triassic Lewis River Group limestone which has known copper -gold skarn mineral occurrences. The claims are all contiguous and cover some 1,212 hectares (3000 acres) from Franklin Lake westward over a northwest trending ridge that forms the eastern side of the Ibex River Valley. Current claim data are as follows:

TABLE I: JACKSON CREEK Claim Data

CLAIM NAME	GRANT NUMBERS	MINING DIST.	EXPIRY DATE *
RED CHIEF 1-2	YB57725-YB57726	WHITEHORSE	2006/06/29
PEEL 11-12	YB66834-YB66835	WHITEHORSE	2004/05/22
PEEL 16-19	YB66839-YB66842	WHITEHORSE	2004/05/22
PEEL 32-35	YB66855-YB66860	WHITEHORSE	2004/05/22
PROTECTOR 1-4	YB 58180-YB58183	WHITEHORSE	2004/09/06
PEEL 13-14	YB66836-YB66837	WHITEHORSE	2003/05/22
PEEL 36-37	YB66859-YB66860	WHITEHORSE	2003/05/22
NANA 1-4	YB57721-YB57724	WHITEHORSE	2003/06/29
PEEL 1-8	YB66824-YB66831	WHITEHORSE	2002/05/22
MARIE 1-4	YB37478-YB37481	WHITEHORSE	2002/11/07
BA 3	YB66862	WHITEHORSE	2002/11/07
BA 7-8	YB66733-YB66734	WHITEHORSE	2002/11/07
PEEL 9-10	YB66832-YB66833	WHITEHORSE	2001/05/22
PEEL 15	YB66838	WHITEHORSE	2001/05/22
PEEL 22	YB66845	WHITEHORSE	2001/11/07
PEEL 24-31	YB66847-YB66854	WHITEHORSE	2001/05/22
MARIE 1-2	YB37478-YB37479	WHITEHORSE	2001/11/07
BA 1	YB66861	WHITEHORSE	2001/11/07
BA 2	YB66728	WHITEHORSE	2001/11/07
BA 4-6	YB66730-YB66732	WHITEHORSE	2001/11/07
BA 9	YB66863	WHITEHORSE	2001/11/07
BA 11	YB66737	WHITEHORSE	2001/11/07
PEEL 20	YB66843	WHITEHORSE	2000/05/22
PEEL 21	YB66844	WHITEHORSE	2000/11/07
BA 10	YB66736	WHITEHORSE	2000/11/07
BA 12-13	YB66738-YB66739	WHITEHORSE	2000/11/07
BA14	YB66864	WHITEHORSE	2000/11/07

* subject to approval of 1999 assessment work outlined in this report.

EXPLORATION HISTORY

Copper mineralization was reported in the Whitehorse area by miners traveling to the Klondike in 1897. Mr. Jack McIntyre staked the Copper King claim in 1898. Ore was first shipped from the Copper King in 1900. Prospecting in the area generated many mines including the; Arctic Chief, the Pueblo Mine, the Little Chief, War Eagle and others. Mining, milling, the shipping of copper ore continued till the 1980's. Total production from 1898 to 1982 was 10,130,000 tonnes grading 1.5% Cu.

Property history is taken from Yukon Minfile 105D #076. The Nana 1-4 claims occupy the ground formally staked as the Ruth claims.

"Staked as Grouse, etc. cl (Y63484) in Jul/70 by S. Takacs and E. Krefl, who added small blocks of fringe claims annually, including Gear cl (Y91133) in Sep/74. Explored with hand trenching and bulldozer trenching in 1970-72; with mapping, mag survey and 6 holes (445 m) by New Jersey Zinc (Grouse #4 and Ray #2 claims) under a brief option in 1972; and with more mapping, geochem surveys and bulldozer trenching in 1974, a magnetic survey and 6 holes (427 m) on the Gear claims in 1975 and 4 holes (472.4 m) in 1976 by Whitehorse Copper ML under option. Takacs drilled one hole (34.7 m) in 1979, 6 holes (36.0 m) in 1981, trenched in 1982, drilled 3 holes (92.4 m) in 1983, trenched and drilled 3 holes (35 m) in 1984 and added the Raven cl (YA93376) to the south in Sep/85. Krefl tied on the Ruth (YA94118) and Beaver cl (YA93146) in Aug/85 and Jan/86, respectively, and together with Takacs performed geological mapping, bulldozer trenching and 4 drill holes (455 m) on the Ruth cl. A. Olsson staked Dianne cl (YB27625) in Jul/90 and trenched in 1991. S.J. Takacs restaked the occurrence as Marie 1-4 cl (YB37478) in Sep/92. The Falcon 1-10 cl (YB46474) were staked nearby by R. Voisine in Oct/93."

REGIONAL GEOLOGY

The Whitehorse trough is a broad northwest trending synclinorium that is underlain by Triassic Lewis River Group greywacke, argillite, arkose and limestone; lower to middle Jurassic Laberge Group shale greywacke and conglomerate; and Lower Cretaceous Tantalus Formation. The Whitehorse trough strata were subsequently amalgamated with the Carboniferous-Permian Cache Creek Terrane and accreted to the western margin of North America.

Whitehorse Trough strata were subsequently intruded by Cretaceous Coast Plutonic Complex granites, granodiorites and monzonites. Tertiary volcanics and intrusions are common south of Whitehorse associated with the Bennett and Skukum Caldera complexes.

1999 TRENCHING & RECLAMATION PROGRAM

PROTECTOR #3 (\$3,000.00 of assessment work)

An 80' long by 20' wide by 22' deep trench was excavated by deepening and extending an existing trench. The trench encountered only till and although soil samples were collected, they were not analysed. A red-orange till layer was noted at the bottom of the Trench. Trench locations are shown on Figure 4, Appendix I and trench photos in Appendix II. The Trench was backfilled after excavation with the A Horizon organic material and humus replaced on the top of the Trench. On the advice of Mike Burke, DIAND the trench was not sampled because bedrock was not reached.

RED CHIEF 2 Claim (\$6,000.00 of assessment work)

A total of 62 hours of D-6 Caterpillar time was spent completing extensive back-filling of old trenches and contouring and replacing A-Horizon topsoil and organics on the RED CHIEF 2 claim.

NANA 1 & 2 - BA 7 & 8 Claims (\$3,800.00 of assessment work)

~~Three~~^{Two} soil sample lines were run across these claims over a length of 1200 m with samples collected every 50 meters. The soil samples collected on the NANA 1 & 2 and BA 7 & 8 claims were not submitted for analyses, but are stored pending a decision to submit them for analyses. D-6 Cat work was completed on the existing access road clearing boulders and sluffed banks.

CONCLUSIONS and RECOMMENDATIONS

The work completed in 1999 was mostly reclaiming old trenches on the RED CHIEF 2 and for new trenching, contour soil sampling lines and road repairs to existing cat trails on the PROTECTOR 3, NANA 1 & 2 and BA 7 & 8 Claims. Although approximately 50 soil samples were collected on contour soil lines the samples have not been submitted for analyses. The trench excavated and reclaimed on the PROTECTOR 3 was not sampled because it did not expose any bedrock.

STATEMENT OF COSTS

1999 Assessment Work Valuation; **Jackson Lake Claims, 105 D-11**. Work completed between September 28, 1999 and October 5, 1999. A total of 64 claims and \$12,800.00 of work applied under Grouping Certificates numbered HW04514 to HW04517 inclusive..

A. Personnel

Brian Keys, Cat Operator September 28- October 5, 1999	\$2,500.00
Sid McKeown, September 28- October 5, 1999	\$ 800.00

B. Expenses

D-6 Cat rental Costs (100 hrs at \$75/hr)	\$ 7,500.00
Cat Mobilization and Demobilisation:	\$ 300.00
Truck rental	\$ 400.00

C. Report Costs

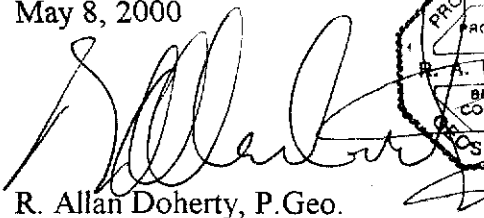
Report Writing and Drafting	\$ 500.00
Sub-Total	\$12,000.00
GST (7% of \$12,000.00)	\$ 840.00
TOTAL ASSESSMENT VALUE	\$12,840.00

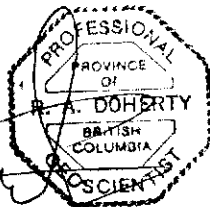
STATEMENT OF QUALIFICATIONS

I, R. Allan Doherty, with business address:
Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., P.O. Box 4367, Whitehorse, Yukon.
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons.B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland (1978-81). I have been involved in geological mapping and mineral exploration continuously since then.
3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564.
4. I have based this report on property work completed between September 28, 1999 supervised by Sid McKeown, my knowledge of the area and on referenced sources.
5. I consent to the use of this report by Sidrock Ltd., for assessment purposes only.

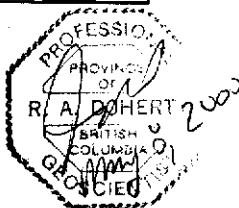
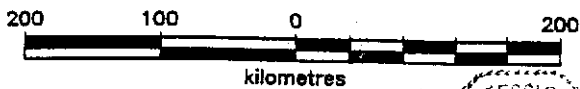
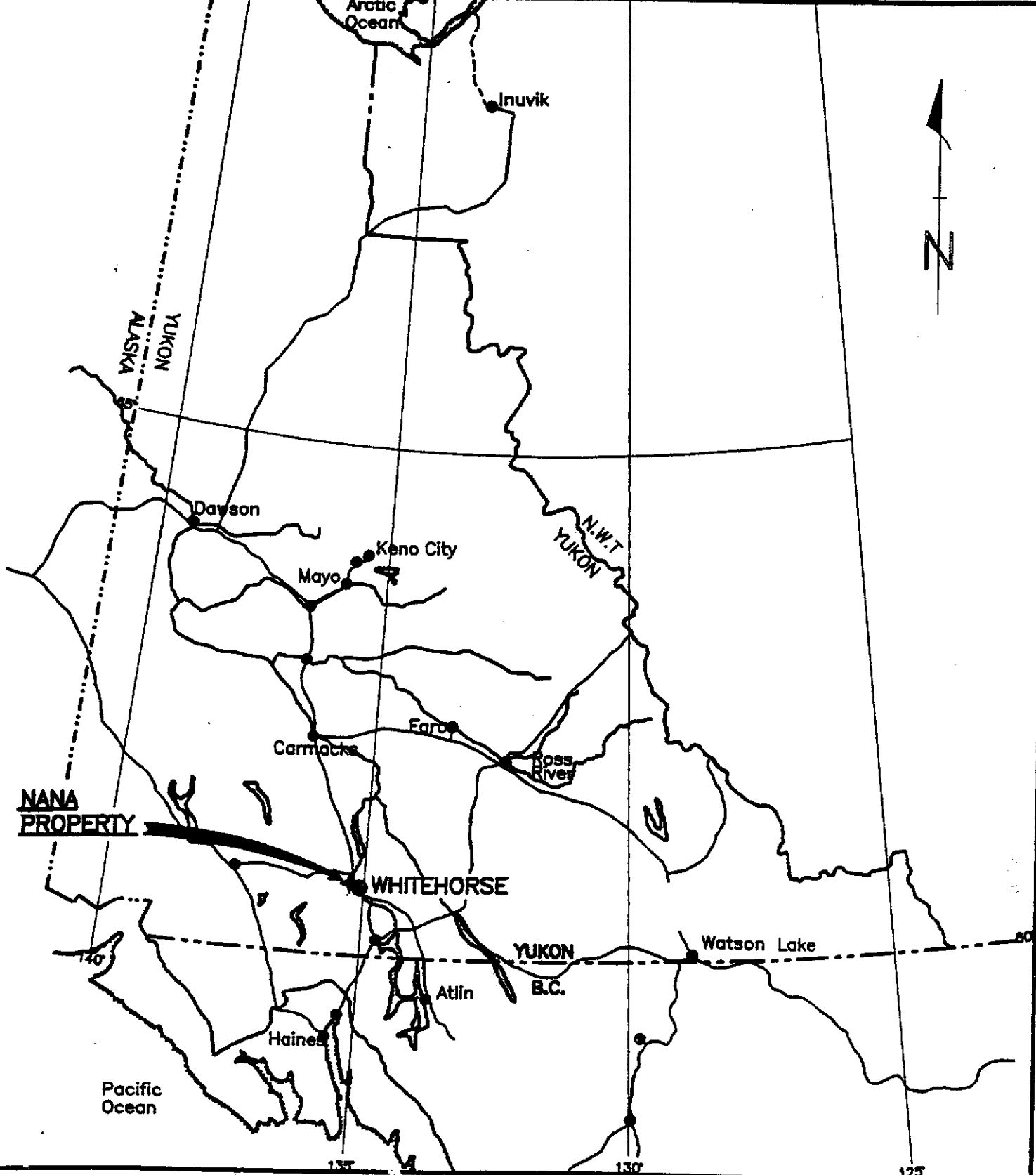
May 8, 2000


R. Allan Doherty, P. Geo.



APPENDIX I

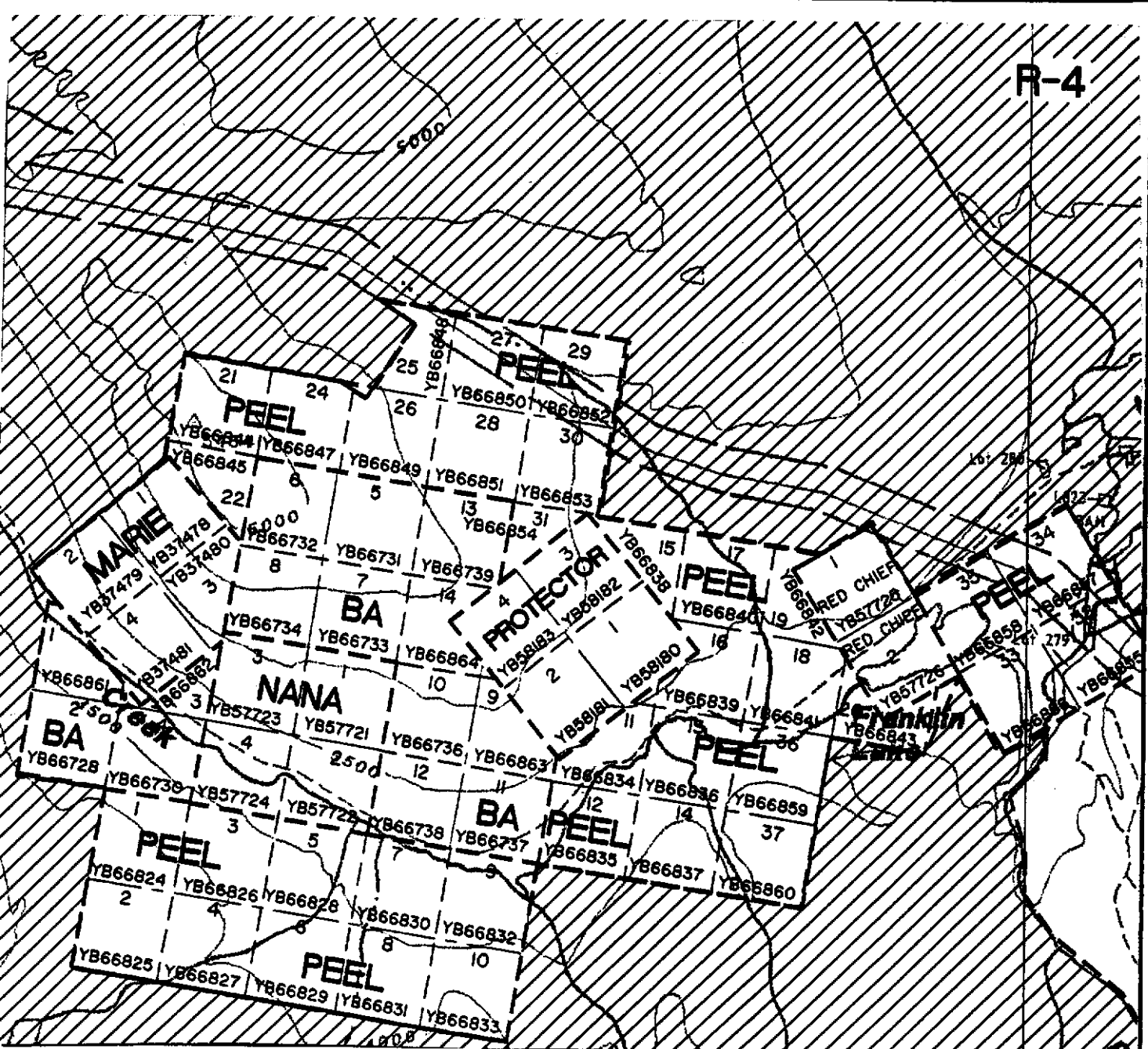
FIGURES 1-3



SIDROCK EXPLORATIONS

NANA 1-4
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

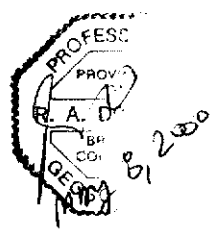
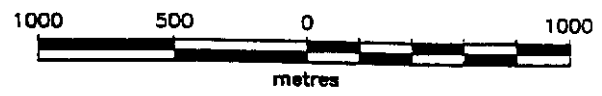
LOCATION MAP



Legend

CLAIM #

 GRANT#



SIDROCK EXPLORATIONS	
NANA 1-4	
WHITEHORSE MINING DISTRICT, YUKON TERRITORY	
CLAIM MAP	
Atsum Geological Consultants Inc.	Date: JUNE, 1997
NTS: 105 D/11 Drawn: JC	Scale: 1:30000 Figure:

APPENDIX II

TRENCH PHOTOS

PROTECTOR #3 TRENCH



Photo 1 Excavated Trench on PROTECTOR 3, looking due East.



Photo 2: Excavated Trench on PROTECTOR 3, looking due West.



Photo 3 Reclaimed Trench on PROTECTOR 3, looking due East.



Photo 4: Reclaimed Trench on PROTECTOR 3, looking due West.