

GBZ
800671

1. SUMMARY

- 1. Name of Property: Grenoble - Lexington
- 2. Conclusions and Recommendations: _____

2. GENERAL

- 2.1 Location (Province, MD): BC - Greenwood M.P. (Other smaller roads to program)
- 2.11 Nearest Town, km: Greenwood - 20km
- 2.12 Nearest Road, km: Phoenix highway rd 24km
- 2.13 Nearest Railway, km: _____
- 2.14 Nearest Port, km: _____
- 2.15 Lat./Long./Elevation: _____
- 2.2 Access: gravel road
- 2.3 Claim Holdings: 13 crown grants, 15 reverted crown grants, 4 mineral leases
- 2.4 Ownership: Grenoble Energy?? Teck??, Canadian + 29 claim units
- 2.5 Owner's Proposed Terms: Pawnee?

Nearby
in
US
mine
100,000 tons
production
1977-1978

- 2.6 History: 1882 - shafts on qtz veins, 1889 underground development or 1900 shutdown - 1938 minor production (2100 tons - 3% Cu, 0.4 Au, 2.1 Ag)
1962 - King Midas Mines Ltd - soil geochem small addit
1967 - Lexington Mns - IP, bulldozer trench, 18,225' drilling - 1972 Gravelly
6,620 feet percussion drill, 1974 Aleutian Resources 4 holes 1,103 feet drilling
3,415 feet percussion drilling - 1979 Grenoble has some claims, 1980 Grenoble

- 3.1 Regional: Total 56,820 feet drilling 1981 - Teck - 23 holes - 141,880 feet addit
3460 feet, 115 ft test

- 3.2 Property: Schist + gneisses (Spuswap Complex) + younger sedimentary - volcanic sequences
but by a) Mesozoic felsic intrusives
b) Cretaceous Serpentine c) Tertiary diorite to alkali diorite stocks
- most important mineralization in Tertiary Mesozoic - felsic intrusives

- 3.3 Reserves: 1982 - 210,000 tons 0.2 Au, 1.2% Cu
- 3.4 Exploration Potential: 450m of 2200m favourable contact tested to date
a) Target - addit. assay 0.99% Cu, 0.218 oz Au over 70 feet - b) Percussion hole
30 feet 0.82% Cu - low add. c) Percussion hole - 15 feet
0.3% Cu, 0.109 oz Au

4. ACTION

- 4.1 Recommended: _____
- 4.2 Taken: _____

Submittal Date: May 9, 1986
 Reviewed By: Dennis Gore
 Examined By: _____
 Deposit Type: Cu-Au - Alkaline host

Submitted By: Canadian Pawnee Oil
 Exam Date: _____
 Commodity: _____
 Filed Under: _____

Grebb- Lexington Prospect Summary

- 300,000 to 600,000 tons reserves
0.2 g/ton Au
1.9 Cu

- tested to 375 meter depth

- cigar shaped ore zones 2-25m thick
50m wide
tested to 375m

- within 400m 2 parallel IP anomalies, soil geochem anomalies

- will be on property soon (May 20th)

- grid work

- 530,000 program

Lexington Gold

Canadian Placer.

Greenwood BC

Teck Report Feb 1982

- Mineralization in "dacite" - felsic, stocks + sills

- 0.5-1.0% diss py locally 2-5%

- Sericite. α alteration

- Serpentine encloses dacite

- dip is 20-30° to W ~~EN~~

- Mineralization

- low angle veins, vein complexes
- high angle veins
- massive chalcopyrite in talc
- dissem. + fracture py \pm chalc.

- main areas of interest are focussed on where there are a ~~large~~ sufficient density of veins to enable a open pit style of mining

Grenoble Main zone

- 25m-70m thickness width, 2 ~~2~~ tenthick, tested to 375m depth

- near footwall contact

Massive sulphide in talc - 1-3% copper - low gold

Low grade Diss - 0.1% - 0.3% Cu 0.002 - 0.008 g/t Au

Reserves Teck 1982 conservation

- 210,000 tons 0.2% Au
1.2% Cu

Phendler 1982 underground - ~~0.2%~~

300,440 tons 0.202% Au, 1.107% Cu

Open Pit.

121,220 tons 0.064% Au - 0.92% Cu

Proposed Program

Main Zone - 6 holes - 4000 feet - \$ 140,000

Lexington 32 holes - 6800 feet \$ 238,000

Richmond 3 DD holes - 1000 feet \$ 63,000

Greendale 30 DD holes 3000 feet \$ 90,000

Total 15,600 feet \$ 531,000

McHalewilegail Tests

Lakewood Research

1982