105-G.

013825

INFORMATION ON PROPERTIES

IN ROSS RIVER PROJECT AREA

Compiled from:

Northern Cordillera
Mineral Inventory

Occurrence No. 50 (1)

Property Name: Common BRUCE LAKE Other

Location: Lat. 61°49' Long. 132°03' NTS 105F/16

Metals: Major Nickel Minor Copper

Type of Mineral Deposit: Magmatic

History and Previous Work:

Mineralized float was reportedly found in the area about 1954 or 1955. Following the release of G.S.C. aeromag maps, Newmont staked the Mag cl (86401) in April/63. Newmont conducted further airborne mag and EM surveys and prospected the adjacent area in 1963. Old pits and claim posts were found on Horton Creek, about 2000 ft north of the highway. The area was restaked in June/65 as Sas cl (89119) by Frobex Ltd. (British Metals Can L, Conwest and McIntyre Porcupine ML), which drilled 3 holes (827 ft) in May/66 and formed a new company to develop the claims, Bruce Lake ML. A further 4 holes (1429 ft) were drilled in May/68 in a joint venture with Augustus EL.

Description:

The nickeliferous float was reportedly a fine-grained black rock. Newmont discovered sulfides in two locations- on the north side of Float Lake, and on Horton Creek below the highway. This was greyish green pyroxenite with up to 25% pyrrhotite. The highest copper assay obtained was 0.28% and all nickel assays were below 0.1% Ni. The drilling was done on EM and mag anomalies on the north side of Float Lake and cut scattered sulfides in a serpentinized peridotite sill.

References:

P64-36, pp42-43
ER, Sept/63 by M.R. Keys for Newmont.

Occurrence No. 51 (2)

Property Name: Common JOE Other

Location: Lat. 61°44' Long. 132°06' NTS 105F/9

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Joe cl (89852) in Jan/66 by A. Kopinec and W. Green . Bulldozer trenching was done later that year.

Description:

References:

Occurrence No. 43 (3)

Property Name: C...ion BOT ...cher

Location: Lat. 61°38' Long. 130°53' NTS 105G/10

Metals: Major Asbestos Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Bot cl (Y29350) by Atlas EL in Aug/69. Hand pitting and a mag survey have been completed.

Description:

Claims cover a schist outcrop in a canyon (unit A) between a small 150 gamma anomaly to the south and a small 400 gamma anomaly to the north. Weak chrysotile asbestos has been found in five outcrops along a mile of creek.

References:

Atlas EL, 1969 Ann. Rept. p.4

Occurrence No. 25 (4)

Property Name: Common CHISHOLM Other

Location: Lat. 61°35' Long. 131°10' NTS 105G/11

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Gun cl (Y7481) by Atlas E in May/66, following airborne mag and EM surveys. Prospecting and geochem was done later in the year.

Description:

G.S.C. maps indicate a 400 gamma aeromag anomaly in a low, overburden-covered area. No mineralization was found. Schist float was found with many small intrusive dikes.

References:

Occurrence No. 24 (5)

Property Name: Common GOD Other

Location: Lat. 61°34' Long. 131°16' NTS 105G/11

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as God cl (Y7894) by Atlas E in May/66 following airborne mag and EM surveys. Prospecting and geochem surveys were done later in the year.

Description:

G.S.C. Maps indicate the claims occur in an overburden-covered area near schist outcrops of unit A. Aeromag response is flat. No mineralization was found.

References:

Occurrence No. 13 (8)

Property Name: Common HOO Other

Location: Lat. 61°32' Long. 131°33' NTS 105G/12

Metals: Major Lead-zinc-copper Minor

Type of Mineral Deposit:

History and Previous Work:

First staked in Jan/66 as Hoo cl (90072) by Northlake Mines Ltd. (Augustus EL, Silver Standard ML, Transcontinental Res L, North Pacific ML) in an area where mineralized float was reportedly found by Newmont in 1955. Lead-zinc bearing limestone was found in a small creek which crosses claims 44, 46 and 63, while chalcopyrite in quartz was found in a larger creek crossing claims 76 and 88. Following an airborne mag and EM survey in May/66 and a Turam survey, an EM anomaly was drilled for a total of 1596 feet in four holes.

Description:

No geochemistry was done because overburden was thought to exceed 100 feet . Drilling showed it is only 30 feet and that bedrock is a sequence of graphitic , sericitic and chloritic schists of unit A. Disseminated pyrrhotite with traces of copper were found in the drill holes. The source of the lead-zinc float remains unknown. The magnetic pattern in the area is complex and ultrabasic bodies occur nearby. The Tintina Fault lies immediately to the southwest.

References:

ER, March/66 by P.H. Sevensma for Northlake ML prospectus.
ER, April/67 by P.H. Sevensma for Northlake Mines.

Occurrence No. 14 (10)

Property Name: Co...on CHER ...her

Location: Lat. 61°35' Long. 131°31' NTS 105G/12

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

The Cher and KA cl (Y2823) were staked in April/66 by Kerr Addison ML on magnetic anomalies obtained in a regional aerial survey conducted earlier in the year. Geochem surveys and prospecting was done.

Description:

GSC mapping shows scattered schist outcrops in this area (unit A). A weak, broad magnetic anomaly lies to the west. Prospecting showed chlorite and sericite schist with limestone lenses. No mineralization was found.

References:

Occurrence No. 45 (11)

Property Name: Common STARR Other

Location: Lat. 61° 40' Long. 131°45' NTS 105G/12

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Fox cl (88157) in April/63 by Newmont.

Description:

These claims occur in an area of extensive overburden with scattered outcrops of tertiary volcanics (unit 11) Probably staked on the basis of aeromagnetics, which show a very complex pattern.

References:

Occurrence No. 48 (12)

Property Name: Common PUP Other

Location: Lat. 61°43' Long. 131°44' NTS 105G/12

Metals: Major Asbestos Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Pup cl (88395) in August/63 by Newmont. A magnetometer survey was done in 1963 and bulldozer trenching and two drill holes with a total length of 635 ft. were completed in 1964.

Description:

Asbestos-bearing float was found in an area with 40 feet of overburden, which is roughly coincident with an aeromag anomaly. Two types of serpentine occur in float and drill core - (1) a dark green barren variety, and (2) a light apple-green type cut by numerous white veinlets containing slip fibre, mostly less than 1/4 inch in length. The claims are underlain by a small, circular magnetic anomaly of 150 gammas magnitude.

References:

P65-19, p.43

Occurrence No. 47 (13)

Property Name: Common HORTON other

Location: Lat. 61°42' Long. 131°56' NTS 105G/12

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Moose cl (88075) in April/63 by Newmont.

Description:

These claims occur in an area of extensive overburden with scattered outcrops of Tertiary volcanics (unit 11). Probably staked on the basis of aeromagnetics, which show a very complex pattern.

References:

Occurrence No. 46 (14)

Property Name: Common TAG Other

Location: Lat. 61°40' Long. 131°56' NTS 105G/12

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Tag cl(88091) by Newmont in April/63.

Description:

These claims occur in an area of extensive overburden with scattered outcrops of Tertiary volcanics (unit 11). Probably staked on the basis of aeromagnetics, which show a very complex.

References:

Property Name: Common COW Other

Location: Lat. 61°46' Long. 131°13' NTS 105G/13

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

First staked as Cow cl (88173) by Newmont in April/63, and restaked with same name (Y7728) in May/66 by Quatsino Copper-Gold Mines L, New Privateer ML and Buchanan ML. A ground mag and EM survey was conducted in July/67. The Beaver cl (Y42977) were staked immediately to the west in Aug/70 by H. Anderson.

Description:

Staking was probably prompted by the G.S.C. aeromagnetic maps, which show a complex pattern in this area. Outcrops of intrusive gabbro or basalt flow of Tertiary age (unit 11) were found during the geophysical survey, together with limestone and schist. One EM conductor was found which justified investigation but no record of later work is available.

References:

ER, Aug/67 by John Lloyd for Quatsino-filed for assessment credit.

Occurrence No. 50 (17)

Property Name: Co...on ELK ...ner

Location: Lat. 61°54' Long. 131°58' NTS 105G/13

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Elk Cl (86617) by Newmont in Oct/63. More staking (Cup cl-89718) was done in Dec/65 to the east by individuals.

Description:

G.S.C. maps indicate widely scattered outcrops of Paleozoic volcanics (unit 6a) in the vicinity of the claims, which were staked by Newmont on the basis of aeromagnetic interest. Garnierite is rumoured to have been found four miles northeast.

References:

Occurrence No 51 (18)

Property Name: Common CHOW Other

Location: Lat. 61°50' Long. 131°30' NTS 105G/13

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Kay cl (Y16398) in Sept/66 by Kerr Addison Mines L following regional geochem surveys.

Description:

Claims are underlain by schistose volcanics and gabbro cut by pyritic siderite veinlets.

References:

Occurrence No. 52 (19)

Property Name: Common DOL Other

Location: Lat. 61°46' Long. 131°22' NTS 105G/14

Metals: Major Minor

Type of Mineral Deposit:

History and Previous Work:

Staked as Davie cl (Y16897) in July/66 by Kerr Addison ML, following a regional aerial mag survey earlier in the year. Kerr Addison ML conducted ground mag & EM surveys, a gravity survey and geochem surveys, and abandoned its claims. Restaked by Spartan EL as Dol cl (Y22786) in Mar/68. Spartan drilled a single hole (about 200 ft) in April-May/68.

Description:

Claims covered four airborne magnetic anomalies of 150-200 gammas intensity. Ground surveys produced a coincident mag-EM anomaly with moderately anomalous zinc-copper assays in parts of the poorly developed drainage. The gravity survey gave a 0.1-0.2 milligal anomaly over the target and, although exposure is poor, prospecting showed a gabbro body to the west and pyritic schists altered to propylitic-argillic assemblage near the anomaly. Drilling showed graphitic phyllite with bands of pyrite, cut by a serpentinized peridotite dike.

References: