

KPM 008276

Molly (Thistle)

925/4

MINERAL OCCURRENCE #24"Mount Hayes Copper Showings"

0926SW 020

Thistle

GENERAL INFORMATION:Location and Access:

There are apparently several showings on slopes of Mount Hayes, a few miles west of Ladysmith. They can be reached via logging roads from Ladysmith or Cassidy airport. "Molly" claims are 1½ miles from head of Ladysmith Harbour, NE slope of Mt. Hayes, at 600' elevation and 350' above road from Cassidy airport, on Block 429.

List of Reports and References:CPOG Report:

"The Mineral Resources of the E & N Railway Co. Land Grant", pages 84-85, by Matthews.

G.S.C. Memoir 51:

'Geology of the Nanaimo Map-Area, 1914, by C.H.Clapp, page 125 (re: Thistle claim).

B.C. Minister of Mines:

Annual Report, 1963, page 122 (re: "Molly" claims).

No work done by Gunnex in this area.

Standing:

In 1963 (see Government report) 4 claims ("Molly" #1-4) were owned by Messrs. F.W.Wilson and M. Keeble, 577 Fifth St., Nanaimo, B.C. (This is apparently the same as old Thistle claim). Present status of this, and other showings is not known. CPOG has most of the base metal rights in the area.

SUMMARIES OF REPORTS:(A) Matthew's (CPOG) Report:

The body of granodiorite on Mt. Hayes, about 4 miles NW of Ladysmith, contains shear zones and also quartz veins. Both structures are mineralized, with the quartz veins showing the most promising prospects.

On the former Thistle claim (about 1 mile NE of Mt. Hayes Summit of Block 429) attractive amounts of bornite and chalcocite are present in a quartz vein (width 2" to 1', averaging 4"), traceable about 100' in length. Vein then apparently branches and thins out. In addition to copper considerable molybdenite is present, giving a total metallic minerals content of about 10% of the vein rock.

PROPERTY FILE

92F121-07

Workings consist of 2 adits, 25' apart vertically, each with short drift and connecting stope; this work has shown the deposit to be too small to be of commercial importance.

(Another copper prospect is located on Eush Creek, on the NE slope of the Mt. Hayes ridge, over one mile east of the summit. This occurrence is of the shear zone type containing small amounts of pyrite and chalcopyrite mineralization in a zone 5' to 20' wide).

B) 1963 Minister of Mines Report:

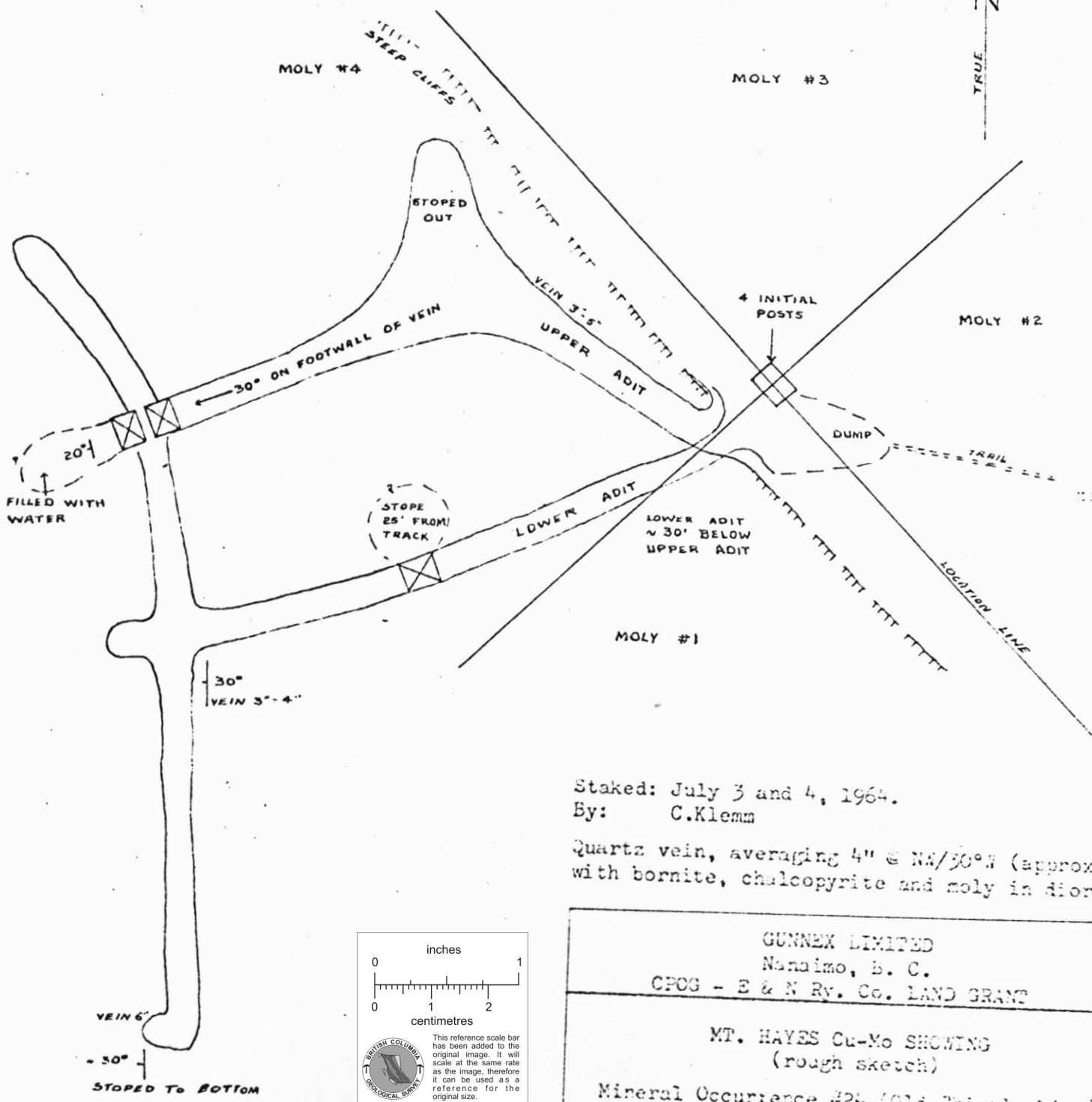
4 claims by Wilson and Keeble on NE slope of Mt. Hayes, 1½ miles west of head of Ladysmith Harbour. Showings are at 600' elevation, 350' above road from Cassidy airport, about 1 mile west and 3 miles south to foot of Mount Hayes; on mountain parts of old roads still seen.

In G.S.C. Mem. 51, 1914, this is referred to as "Thistle" claim.

There is a quartz-feldspar vein in a fracture in Saanich granodiorite, attitude N25°W/40°SW. A 6" aplite dyke forms foot wall of vein, which is mineralized with bornite, pyrite, chalcopyrite and some molybdenite. Maximum vein width 1'. 2 adits 20' vertically apart. In lower adit vein exposed 100', maximum width 4"; in upper adit vein exposed 20', maximum width 1'.

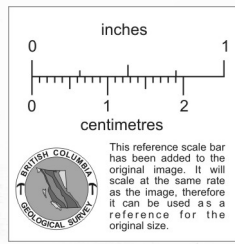
H. Laanela
February, 1965.

HL:s



Staked: July 3 and 4, 1964.
 By: C.Klemm

Quartz vein, averaging 4" @ N45/30°E (approx),
 with bornite, chalcopyrite and moly in diorite



GUNNEX LIMITED
 Nanaimo, B. C.
 CPOG - E & N Ry. Co. LAND GRANT

MT. HAYES Cu-Mo SHOWING
 (rough sketch)
 Mineral Occurrence #24 (Old Thistle Mine)
 Scale: 1" : 20' (approx)
 Sketched by H.Lannela, April 5, 1965. /s

VEIN 6"
 - 30°
 STOPPED TO BOTTOM

REVIEW OF MINERAL OCCURRENCE #24

(end of 1965 season)

Reports and References:Gunnex Reports:

- 1) Geological Report #9, Jan, Feb, March, 1965, pages 2-3, by H. Laanela.
- 2) Geological Report #10, April, 1965, page 3, by H. Laanela.
- 3) Weekly report on E & H Land Grant, April 5-11, 1965, by T.F. Schorn.

Geology and Workings:

Adits are located on steep cliff facing northerly north of Mt. Hayes, south of an old logging road (washed out culverts) from Ladysmith to Haslam Creek. Access via a road just south of Cassidy airport on main highway.

Country rock is altered, in places gabbroic, diorite, with some andesitic volcanic rocks (Sicker group) nearby. This diorite stock forms the mass of Mt. Hayes; around its margins much dark, coarse gabbroic rock can be found; near summit it consists of hybridized and mixed intrusives with cherty sediments. There seem to be sets of long SE-NW trending faults in Nanaimo sediments on either side of the intrusive body.

On dump outside the lower adit some quite rich looking massive bornite, with chalcopyrite and molybdenite in quartz matrix was seen. Some copper stain was seen on cliff above adit, but no vein was seen.

Later it was revisited with T.F. Schorn, the lower adit was entered and the upper adit, directly above the lower one, was entered by crawling up a slope. A sketch map was made of the workings. The vein, which the workings follow, was of very good grade of massive ore, but rather narrow, averaging 2-6 inches in workings, and seemingly pinching out to almost nothing in most cases. In the end of southerly cross-cut in lower adit it is still 6 inches wide in the bottom of a shallow slope, general dip of vein is 30° or less westerly, into the mountain side. Another shallow slope was filled with water. Stopped out part of the workings follows the vein into upper adit.

Four I.F. claim posts were in front of adits staked on July 3 and 4, 1964 by C. Klerma, with location line running NW-SE along the base of the cliff. Adit is apparently in "Holy" #4 claim, driven WSW.

An obscure blazed trail, hard to follow, was found on road below, leading to showing 530' above the road in elevation. Adits are in good shape, no timbering. Parts of old rails still in adit. An old steam-boiler was seen below adit and remnants of old corduroy-road, all possibly 50-60 years old.

The showing on Brush Creek, east of here, was not located.

Clapp's map, of 1914, shows 2 other showings near "Thistle" Mine.

Our prospector, Mr. Bill Fraser told that he once owned this property.

Gunnex has done no work in the area, aside from regional mapping.

Comments:

Size and extent of the veins hardly recommend any further work on these workings; area is probably well prospected also. However, soil sampling of old roads should be carried out over and near the intrusives; there would be no purpose in sampling the surrounding lowlands consisting of barren and sometimes coal-bearing Nanaimo sediments. Since snow leaves Mt. Hayes much earlier than elsewhere, more inland, on Land Grant, this program could be carried out at our leisure. Possibly other showings could be located by some additional prospecting, if time permits. There are numerous old logging roads and railway grades in the area, not shown on any of the maps available. Much overburden and timber present makes soil sampling the most appropriate procedure of checking the area.

H. Laanola
February, 1966.

HL:s