

EN. 125

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DELPHI (JUBILEE)

"Delphi Group"

005768

GENERAL INFORMATION:

Location and Access:

This group of 3 claims is located just south of 49th parallel, on Vaughan Creek, a headwaters tributary of Jump Creek (which in turn drains into South Nanaimo River). Elevations range from 2,500' to 3,000'.

Access is via Nanaimo Lakes road, then across Nanaimo River, through MacMillan's south Nanaimo River camp and up Jump Creek road to the headwaters. A medical permission is needed since the claims are in city of Nanaimo watershed area.

List of Reports and References:

B.C. Minister of Mines:

- 1) Annual Report, 1902, page 236
- 2) Annual Report, 1904, page 247
- 3) Annual Report, 1909, page 215
- 4) Annual Report, 1908, page 149
- 5) Annual Report, 1930, page 302
- 6) Bulletin 37, 1955, pages 60-61 (by J.F. Fyles)

Gunnex Reports:

- 1) Geological Report #6, August, 1964, page 3, (by H. Laanela)
- 2) Geological Report #7, Sept.-Oct., 1964, page 2 (by H. Laanela)
See also map of "Allies" showing for location.

Work done by Gunnex, 1963/64:

The area was visited during mapping work by H. Laanela in Summer 1964. Later a day was spent locating old workings; only one shaft and collapsed cabin were seen on Vaughan Creek.

Some soil and silt sampling has been done in the area.

Some skarn-like rock and magnetite was seen in road cut while mapping.

Standing:

The group consists of 3 Crown-granted claims, no apparently leased (exact status at present unknown), called "Tyro", "Brass" and "Iron Crown". (L77, L78 and L79 respectively).

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PROPERTY FILE

GEOLOGY AND WORKINGS:History:

The claims were staked about 1900 and the first work was recorded in 1902. By 1908 all workings that exist today had been completed, nothing else being done since then. According to Fyles (1955), the Nanaimo Copper Syndicate Ltd. owned this group at the time. According to 1930 report, this was originally called "Jubilee" property.

Geology:

The country rock appears to be Sicker volcanics, intruded by granodiorite to the south (some intrusive body as on Mount Buttle - see #38). There appears to be a fault or shear zone along Vaughan Creek, crossing over the divide north to Bell Creek.

Mineralization apparently consists of quartz veins with pyrite in volcanics, and related to intrusives similar to quartz veins on Mount Buttle to the south. There is considerable overburden, with much heavy timber and underbrush, on property, making any detail mapping difficult. Along a new road cut, above band of road some epidote rich skarn-like rock was seen, with pyrite, and also some magnetite.

Workings:

- 1) The adit on Lot 77 ("Tyro") is at an elevation of 2,900 feet, about 1,300 feet N20°W of shaft on Lot 79. It is driven N20°E for 45' in altered greenstone, which locally contains lenses and veinlets of white quartz. The lenses are a few inches wide, strike north and dip steeply. No sulphides seen in them.
- 2) The shaft on Lot 78 ("Brass" - visited by writer) is 30'-40' west of Vaughan Creek (tributary of Jump Creek), at an elevation of 2,550 feet. Rocks exposed in the creek are porphyritic volcanics of the Sicker group. They are cut by 2 discontinuous quartz veins striking N5°E and dipping steeply eastward. The veins are 40'-50' long and less than 8 inches wide and contain both white quartz with masses of pyrite as much as 3 inches in diameter. A sample assayed: Au-Ag: nil, Cu: Trace. Pieces of quartz and calcite containing pyrite and minor amounts of chalcopyrite make up a small proportion of the rock on the dump, and suggest that a vein similar to those in the creek was cut in the shaft.
- 3) The shaft on Lot 79 ("Iron Crown") is about 900' N75°W from shaft on Lot 78. It is sunk on an outcrop of volcanic rock containing disseminated pyrrhotite, pyrite and minor chalcopyrite. The extent and attitude of this mineralized zone is unknown due to lack of outcrop.

A mention is made in 1930 report of "Iron Crown" (Lot 79): The shaft is near a cabin, elevation 2,450', and was sunk probably some 60', judging from the dump, on a small quartz vein which outcrops in the creek bed just above shaft in andesitic country rock. (This description and also the additional description in 1930 report leaves the writer under impression that this is actually the shaft on "Brass" claim, Lot 78, already discussed. Apparently there is a mix-up of names here - H.L.)

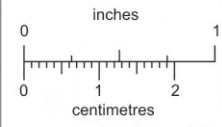
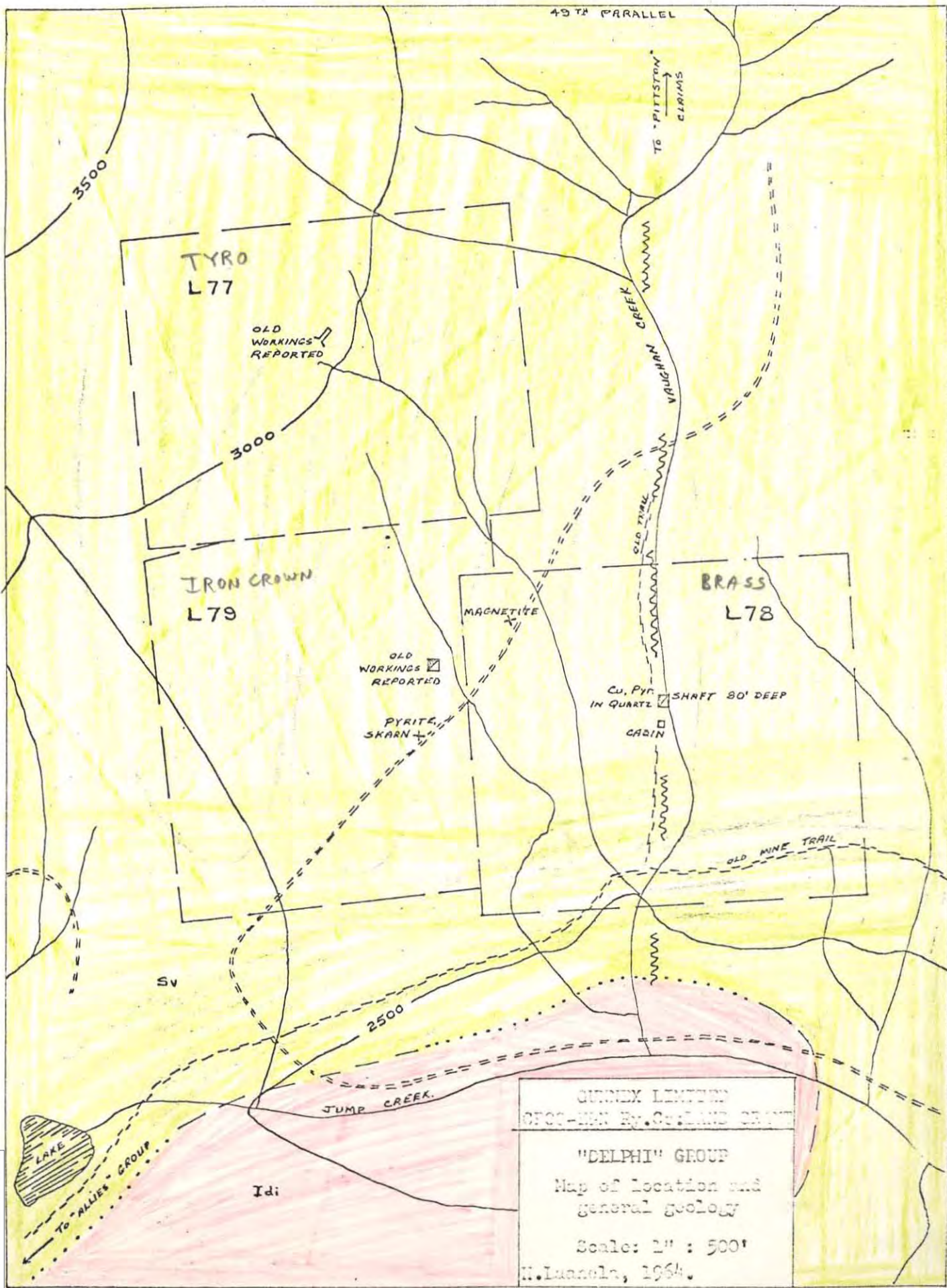
Furthermore, in 1930 report there is some additional mentioning of another claim called "Pittston" (also crown-granted), belonging to the same syndicate, part of original Jubilee Grant; this is located 4 miles north from the cabin, 2 miles up Jump Creek to its source at 3,000' elevation and then 2 miles down the north slope to Bell Creek and to old cabin site at 2,450' elevation. The workings of "Pittston" claim are up hill from there, the first tunnel at 3,000' elevation and another short one 1,50' higher. Work there was done around or before the turn of the century. (Further references to this claim could be considered under different heading and occurrence number, if necessary).

COMMENTS:



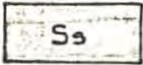

Any further work does not seem to be warranted, although soil sampling on grid could be easily done in the area, possibly in conjunction with mag survey since terrain is fairly flat and open.

H. Branda
March, 1965.













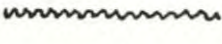

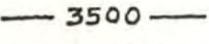


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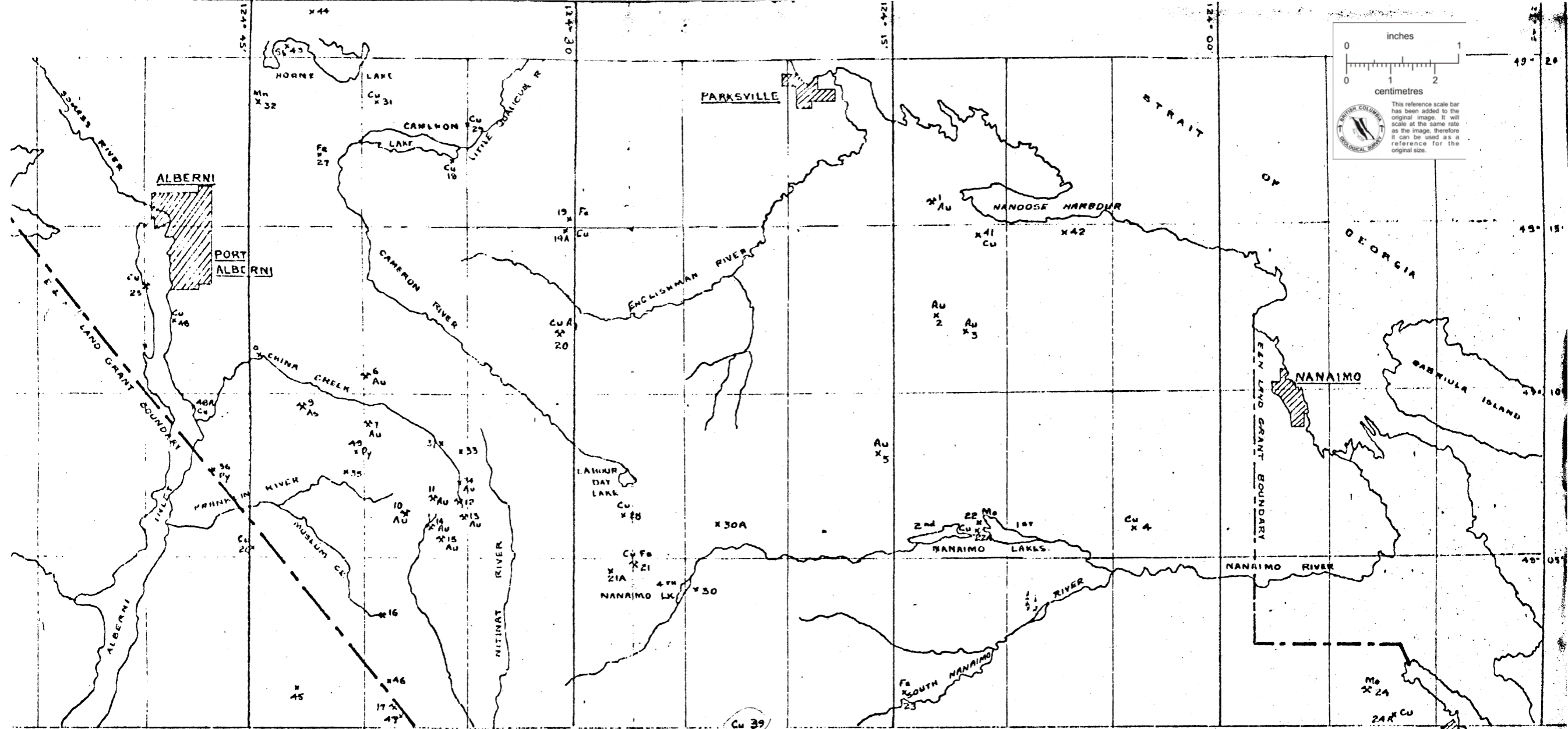


LEGEND for "ALLIES" and "DELPHI" SHOWINGS:

Cret. and/or Jurassic		Granodiorite intrusive	} Coast Intrusives
		Granite, aplogranite and aplite (roof-contact of intrusives)	
Permian		Thin bedded sediments	} Sicker Group
		Volcanic rocks	

ATTITUDES:

	Attitudes of bedding as mapped by Fyles
	Quartz veins as mapped by Fyles (transferred to this map directly, regardless of disagreements in elevations)
	Quartz veins as mapped by H. Laanela, with mineral showings (Locations interpolated from altimeter readings mostly).
	Site of rock or ore sample (H. Laanela)
	Mountain Peaks
	Trench and Pit
	Adit
	Shaft
	Cabin and old cabin sites
	Tent-camp site
	Intrusive contacts, definite
	Indefinite contacts
	 Fault, definite, indefinite
	Elevation contour lines
	Logging road
	Old trails (indistinct)



THE FOLLOWING CONSIST OF 2 LOCATIONS:

LEGEND

PROPERTY FILE

- * MINOR OR UNEXPLORED MINERAL SHOWING
- ** MINE OR MAJOR SHOWINGS

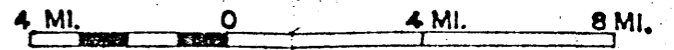
- 17 (17A)
- 21 (21A)
- 22 (22A)
- 24 (24A)
- 30 (30A)
- 48 (48A)

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GUNNEX LIMITED

INDEX MAP FOR MINERAL OCCURRENCES

ALBERNI-NANAIMO MAP - AREA E. & N. LAND GRANT



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