

CARLEJO - BELL

Mt. Polley

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175

EXPLORATION AND MINING

BJ, JP, BARB (No. 515, Fig. 31)

LOCATION: Lat. $52^{\circ} 23.5' - 25.5'$ Long. $122^{\circ} 12.5' - 15'$ (93B/8E)
Three miles east of McLeese Lake, at approximately 2,000 feet elevation.

CLAIMS: BJ 17, 19, 21, and 33 to 66; JP 6, 17, and 18; BARB 1 to 12; VIV 1 to 10; CLAUDE 1 to 8 Fractions; a total of 70.

ACCESS: By road, 3 miles from McLeese Lake.

OWNER: MIDNIGHT CONSOLIDATED MINES LTD., 1334 Yates Street, Victoria.

METALS: Copper, gold.

WORK DONE: An electromagnetic survey was made on the BARB, BJ, and CLAUDE Fraction claims, 4 miles of road was constructed on the VIV claims, and three holes, total length 1,000 feet, were diamond drilled. R. Reese, in charge.

REFERENCES: Assessment Reports Nos. 1179 and 1756.

DESCRIPTION: Traces of copper and gold occur in volcanic rocks near granodiorite.

TYEE (No. 502, Fig. 31)

LOCATION: Lat. $52^{\circ} 23' - 27'$ Long. $122^{\circ} 03' - 11'$ (93B/8E)
Northwest side of Tyee Lake, at approximately 3,200 feet.

CLAIMS: TYEE, VISTA, LELA, REX, approximately 250 in all.

ACCESS: About 15 miles from McLeese Lake by road.

OWNER: TYEE LAKE RESOURCES LTD., 312, 510 West Hastings Street, Vancouver 2.

WORK DONE: Part of the claims was surveyed by chain and compass and surface workings were mapped. Geological mapping was conducted on a scale of 1 inch equals 1,320 feet. Sixty line-miles of magnetometer and 50 line-miles of induced polarization surveys were done on various claims. Some orientation and reconnaissance geochemical work was carried out on the VISTA and REX claims and several outcrops were blasted. C. A. Lammle was in charge of the work.

DESCRIPTION: Cache Creek phyllites, andesites, and limestone are intruded by quartz diorite and are, in part, covered by Tertiary rocks. The property is being investigated as a possible copper deposit.

LIKELY

POLLEY, RED ROCK (No. 505, Fig. 31)

LOCATION: Lat. $52^{\circ} 35' - 37.5'$ Long. $121^{\circ} 33.5' - 39'$ (93A/12E)
Encompassing and to the southwest of Likely.

CLAIMS: One hundred and one, comprising the POLLEY, RED ROCK, APRIL, MAY, PINE, FIR, RUSS, SHIRLEY, and TIKI groups.

ACCESS: By road, 52 miles north from 150 Mile House.

OWNER: ARDO MINES LTD., 630, 890 West Pender Street, Vancouver 1.

METALS: Copper, gold.

WORK DONE: The surface workings were mapped and a geological survey was carried out on the RED ROCK, FIR, and PINE claims. A geochemical survey and 15 line-miles of induced polarization survey were conducted over the RED ROCK, FIR, PINE, and SHIRLEY claims. Five BQ holes totalling 2,450 feet were diamond drilled. The work was supervised by S. V. Ramani.

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REFERENCES: *Minister of Mines, B.C.*, Ann. Repts., 1966, p. 125; 1967, p. 122; Assessment Report No. 2148.

DESCRIPTION: Chalcopyrite, azurite, malachite, and native copper are disseminated in brecciated monzonite in a contact metamorphic environment.

8 ✓ **CARIBOO-BELL** (No. 501, Fig. 31)

LOCATION: Lat. 52° 33.5' Long. 121° 38.5' (93A/12E)

Between Bootjack and Polley Lakes, 5 miles southwest of Likely, at 3,500 to 4,100 feet elevation.

CLAIMS: BOOTJACK, BJ, GREEN, RED, BLUE, 258 in all.

ACCESS: By road, 54 miles from Williams Lake.

OWNER: CARIBOO-BELL COPPER MINES LIMITED, 300, 999 West Pender Street, Vancouver 1.

METAL: Copper.

WORK DONE: A topographic map of the property was prepared.

REFERENCES: *Minister of Mines, B.C.*, Ann. Repts., 1966, pp. 126-131; 1967, pp. 122, 123; 1968, p. 152; Assessment Report No. 646.

DESCRIPTION: See Minister of Mines and Petroleum Resources Annual Report for 1966, pages 126 to 131.

✓ **MARINER C** (No. 522, Fig. 31)

LOCATION: Lat. 52° 35' Long. 121° 28' (93A/11W)

Across the west side of Spanish Mountain between Cedar Creek and the west end of Spanish Lake, 4 miles southeast of Likely.

CLAIMS: MARINER C 1 to 25.

ACCESS: By road from Likely.

OWNER: SPANNALLEN MINING LTD., 8939 Glenwood Street, Chilliwack.

METALS: Gold, silver, copper, lead.

WORK DONE: Geology mapped, some stripping and trenching done by bulldozer, and one-half mile of road built.

MIOCENE

6,7 ✓ **WIGGINS CREEK** (No. 500, Fig. 31)

LOCATION: Lat. 52° 17' Long. 121° 43' (93A/5E)

At Miocene at approximately 3,500 feet elevation, 15 miles northeast of 150 Mile House.

CLAIMS: WIGGINS CREEK, LUCKY DAWN, HEARTS CONTENT, and others totalling 30.

ACCESS: By gravel road, approximately 20 miles from 150 Mile House.

OPERATOR: GRANDEUR MINES LTD., 534, 789 West Pender Street, Vancouver 1.

METAL: Copper.

WORK DONE: Twenty-one line-miles of geochemical surveying covering the WIGGINS CREEK, LUCKY DAWN, and HEARTS CONTENT claims; R. H. D. Philp, supervisor.

REFERENCE: Assessment Report No. 2014.

DESCRIPTION: Chalcopyrite and malachite occur in shears and fractures in trachyte porphyry.

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REFERENCES

HORSEFLY

HO (No. 508, Fig. 31)

LOCATION: Lat. 52° 18' Long. 121° 20' (93A/6W)
 Four miles southeast of Horsefly, on the Horsefly River.

CLAIMS: HO 1 to 84.

ACCESS: By road, 5 miles from Horsefly.

OWNER: ANACONDA AMERICAN BRASS LIMITED, Britannia Beach.

METAL: Copper.

WORK DONE: A geological survey and 4 line-miles of induced polarization survey were conducted over the claims. Approximately 2,450 soil and silt samples were collected and analysed and 2 miles of road was constructed on and south of the HO 77 claim. J. W. McAndrew, supervisor.

FLY (No. 509, Fig. 31)

LOCATION: Lat. 52° 21' Long. 121° 15' (93A/6E, 6W)
 One and one-half miles east of Lemon Lake, 2½ miles south of Horsefly Lake.

CLAIMS: FLY 1 to 40.

ACCESS: Eight miles by road from Horsefly.

OWNER: F. Critchlow.

OPERATOR: SILVER STANDARD MINES LIMITED, 808, 602 West Hastings Street, Vancouver 2.

METAL: Copper.

WORK DONE: The FLY 1 to 8 claims were mapped geologically. Twenty trenches totalling 3,000 feet in length were bulldozed and 22 holes totalling 3,700 feet were percussion drilled. W. St. C. Dunn, supervisor.

CS, EN (No. 510, Fig. 31)

LOCATION: Lat. 52° 18'-21' Long. 120° 36'-42' (93A/7E)
 Eureka Peak, 32 miles east of Horsefly.

CLAIMS: CS, EN, 92 in all.

ACCESS: By helicopter or, conditions permitting, by a road constructed to the property from near the end of the main logging-road on Horsefly River.

OWNER: J. Carson.

OPERATOR: AMAX EXPLORATION, INC., 535 Thurlow Street, Vancouver 5.

METAL: Copper.

WORK DONE: A geochemical silt, soil, water, and rock-chip survey.

REFERENCE: Assessment Report No. 2137.

MAG (No. 520, Fig. 31)

LOCATION: Lat. 52° 10' Long. 121° 03' (93A/3E)
 Around small lake 3 miles north of Moffat Lakes, 20 miles southeast of Horsefly.

CLAIMS: MAG 1 to 24.

ACCESS: By helicopter, 40 miles from Williams Lake.

OWNER: ROYAL CANADIAN VENTURES LTD., 270, 180 Seymour Street, Kamloops.

WORK DONE: Magnetometer, electromagnetic, and geochemical soil surveys were run over the whole claim group.

REFERENCES: Assessment Report No. 1836.