

NAME OF PROPERTY SPUD VALLEY (GOLDFIELD, SPUR, ROPER)

OBJECT LOCATED - West corner of Lot 1020.

UNCERTAINTY IN METRES 100. Lat. 50°00'52" Long. 126°47'45"

Mining Division Alberni District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The deposits consist of three main quartz-sulphide veins in shear zones in quartz diorite. Lower Jurassic Bonanza andesites and tuffs occur to the southwest of the deposits. The veins consist of quartz ribboned by thin stringers of sulphides which include pyrite, sphalerite, galena and arsenopyrite. Calcite also occurs in the veins.

The Goldfield vein strikes north 50 to 62 degrees east and dips 75 to 85 degrees northwestward and ranges up to 16 inches wide. A sample taken in 1938 (Stevenson, 1950, p. 92) assayed 13.20 ounces of gold per ton and 6.5 ounces of silver per ton.

The Spur vein, branching from the southeastern side of the Goldfield vein, strikes north 70 degrees east and dips 85 degrees northwestward to vertical. The average width is less than 6 inches.

The Roper vein, 500 feet southeast of the Goldfield vein, strikes north 60 degrees east and dips 85 degrees northwestward. It has a maximum width of one foot and an average width of about 2 inches. Reserves were estimated in July 1942 to be 55,000 tons at 0.136 ounces of gold per ton. (Spud Valley Gold Mines, Limited, Notice to Shareholders, 18/12, 1942).

Associated minerals or products of value - Copper, silver, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between 2,000 and 2,500 feet elevation on the ridge between Spud Valley and Gold Valley Creeks, about 1 1/2 miles southeast of Zeballos River. The property includes the Crown granted claims, Goldfield, Last Chance, A.T. No. 2 Fraction, Anvil, Spud, A.T. No. 1, A.T. No. 6 Fraction and Rimy No. 4 (Lots 1020 to 1029, 1695 and 1903, respectively).

The original claim, the Goldfield, was staked in 1935 and a 10 ton mill was erected by Sam Knutsen. In 1936 A.B. Trites acquired the property and drove three adits on the Goldfield vein.

In 1937 Spud Valley Gold Mines, Limited acquired the property and continued underground work on the Goldfield vein and commenced work on the Spur and Roper veins. The mine workings included several adits (about 13) with connecting raises, drifts and stopes. A 125 ton mill was built in 1938. The mine was closed in 1942, although some work was continued on the adjoining Big Star property. (See 92 L/2, AU 11).

The Spud Valley Gold Mines, Limited became Valley Explorations Limited in 1957.

Glencair Resources Inc held the property (12 claims) in 1983; no work was reported.

McAdam Resources Ltd acquired the property in 1985. Diamond drilling was reported. Work in 1985-86 included rehabilitation of No. 7 (lowest) adit, trenching, underground and surface diamond drilling totalling some 7200 feet; three new parallel veins were discovered. An associate company Tashota-Nipigon Mines Limited provided funding for 1987 exploration to earn a 25% interest in the property. A crosscut begun in 1987 on the 7th level was driven north-westerly to cut the Linton and AT veins; some 1700 feet of underground opening was completed by year end. Additional work included 3000 m of diamond drilling in 15 holes and exploratory drifting on the Linton North vein. Reserves were reported as follows:

	Tons	Oz/t Au
Proven & Probable	91,562	0.180
Drill indicated	117,178	0.640
Possible	26,588	0.165
In Pillars	11,750	0.487
<b>TOTAL</b>	<b>247,078</b>	<b>0.411</b>

120596

(McAdam Res., Press

Release 24/11/87)

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

## HISTORY OF PRODUCTION

From 1936 to 1951, 210,271 tons of ore were shipped. Of this ore 54,106 ounces of gold, 18,494 ounces of silver, 20,272 pounds of copper and 17,843 pounds of lead were recovered. (Index No. 3). These figures include the Big Star deposit (92 L/2 AU 11).

## MAP REFERENCES

\*Map 92 L/2, Woss Lake, (Topo.), Sc. 1:50,000.

Sheet 92 L (MI), Alert Bay, Revised Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines, 1969.

#Fig. 2, Zeballos Mining Camp, Areal Geology, Sc. 1": 1,600 feet - accomp. Bull. No. 27, British Columbia Dept. of Mines, 1950.

Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.

## REMARKS

Comp./Rev. By	LJ	DMacR	DMacR				
Date	1-77	05-86	06-88				

## REFERENCES

Reports of Minister of Mines, British Columbia: 1935, p. F-38; 1939, pp. 41, 42, 87-88; 1940, pp. 27, 72; 1941, pp. 27, 70; 1942, pp. 28, 65; 1943, p. 37; 1946, pp. 179, 296; 1947, pp. 180, 230; 1951, p. 40.

Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 58, 64, Geol. Surv. of Canada, 1974.

+Stevenson, John S.; Geology and Mineral Deposits of the Zeballos Mining Camp; Bulletin No. 27, pp. 15, 90-94, 102, Figs. 22, 23, 24, British Columbia Dept. of Mines, 1950.

Hoadley, J.W.; Geology and Mineral Deposits of the Zeballos-Nimpkish Area, Vancouver Island; Memoir 272, pp. 48, 62-3, Geol. Surv. of Canada, 1953.

Stevenson, J.S.; Lode-Gold Deposits, Vancouver Island; Bulletin No. 20 - Part V, pp. 16-20, British Columbia Dept. of Mines, 1944.

++Bancroft, M.F.; Zeballos Mining District and Vicinity, British Columbia; Paper 40-20, pp. 18-20, Geol. Surv. of Canada, 1940.

Mineral Policy Sector; Corporation Files: "Spud Valley Gold Mines, Limited"; "Valley Explorations Limited"; "Glencair Resources Inc"; "McAdam Resources Ltd"; "Tashota-Nipigon Mines Limited".

Bancroft, M.F.; Gold Bearing Deposits on the West Coast of Vancouver Island between Esperanza Inlet and Alberni Canal; Memoir 204, p. 16, Geol. Surv. of Canada, 1937.

Index No. 3, p. 214, British Columbia Dept. of Mines, 1955.

George Cross News Letter: 1988, No. 45.