

PRODUCT GOLD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 104 P/4
RÉGION DU S.N.R.C.

REF. AU 7
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ERICKSON (JENNIE)

OBJECT LOCATED - 1280 adit - from descriptive data.
OBJET LOCALISÉ

UNCERTAINTY 300 m Lat. 59°13'10" Long. 129°40'
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Liard
Division minière

District
District

Cassiar

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

All the known ore zones consist of westward plunging shoots mineralized by minor tetrahedrite, sphalerite, chalcopyrite, pyrite and free gold lying in quartz veins. The veins are found dipping towards the axis of a small synclinal basin in the Sylvester Group, a volcanic-sedimentary package of rocks of probable late Devonian age.

Exploration and development to 1983 has identified two types of gold bearing structures. The first are major shear structures mineralized where they pass from incompetent to competent rock types. These structures are warped both laterally and vertically in the competent rocks and have either a north dip or south dip attitude. Those identified to date are named: Jennie, Maura, Alison, McDame, Elan, Sky, Smile and Caitlin; the first three have been found to contain about 0.5 oz/t gold over widths of 5' to 25'.

The second type of ore structure is tension fractures subsidiary or related to the major shear structures. Four such structures identified to date are named: Devine, Bear, Goldie and Dease. At the point of intersection these veins ranged in width from 0.6 to 1.3 metres and assayed from 0.57 to 0.85 oz/t gold.

Associated minerals or products - Silver.
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at about 4,200' elevation on Erickson Creek, on the north slope of Table Mountain, 8 miles south-east of Cassiar townsite.

The Jennie vein outcrop was reportedly discovered in 1936 by a prospector. A.W. Boulton and associates, through McDames Lake Mining Company, of Seattle, in 1939 installed a 10-ton crushing and amalgamating plant. Ore was quarried from an open cut on No. 2 vein. Problems relating to claim titles apparently caused the suspension of operations later that same year.

Agnes & Jennie Mining Co. Ltd. held the property in 1975 as the FG, UP, Sun, Kat and Sno claims totalling 25 units. Work included 226 metres of diamond drilling in 3 holes and 204 metres of percussion drilling in 6 holes on FG 1.

Nu-Energy Development Corp optioned a 50% interest in the property in 1976. Work under the agreement included diamond drilling and in 1977 the driving of a new crosscut adit at the 1350 metre elevation to develop the Jennie vein. Work subsequent to Nu-Energy earning its 50% interest was carried out under the name Erickson Gold Mine Joint Venture. With the decision to move towards production a new operating company Erickson Gold Mining Corp was incorporated by the joint venture partners in November 1977. A 100 ton per day mill was installed about 1 mile below the adit; test runs began in December 1978 and full production began in January 1979.

Development work continued in the 1350 adit and a subdrift above at the 1410 metre elevation. A second working level adit was begun at the 1280 metre elevation in September 1979. The driving of a new low level crosscut adit at the 1210 metre elevation in 1982 confirmed the presence of seven new vein structures, of which four were of ore grade at the point of intersection. Expansion of the mill to 175 tons per day began in October 1982 and was completed in January 1983. Reserves at January 1, 1983 were 83,000 tons at 0.53 oz/t Au (Erickson Gold, 1982 AR).

Nu-Energy Development Corp acquired all the shares of Agnes & Jennie Mining, effective December 31, 1982, giving Nu-Energy 100% ownership of the property. The company name (Nu-Energy) was changed February 15, 1983 to Erickson Gold Mines Ltd.

120085

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production for the period 1979-1982 inclusive totals 41,003 tons milled. From this ore 70,659 ounces gold and 1,808 ounces silver were recovered (Erickson Gold Mines 1982 Annual Report).

Year	Tons milled	Grade Au	Grade Ag	Production	
		oz/ton	oz/ton	Au	Ag
1982	38,724	0.56	0.47	20,984	16,790
1983	64,497	0.53	0.44	34,099	26,868
1984	91,660	0.31	0.23	25,076	15,291
1985	68,835	0.31	0.26	19,363	15,461
1986	27,167	0.93	0.36	24,262	8,092
1987	95,179	0.42	0.20	36,847	18,137
1988	79,247	0.224	N/A	16,709	N/A

REFERENCES/BIBLIOGRAPHIE

Report of Minister of Mines, British Columbia: 1939, p. 64.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1975, p. E 192; 1976, p. E 197; 1977, p. E 245.

Mineral Policy Sector; Corporation Files: "Agnes & Jennie Mining Co. Ltd."; "Erickson Gold Mines Ltd."; "Total Erickson Resources Ltd."; "Total Energold Corp."

Geological Fieldwork; British Columbia Dept. of Mines: 1979, p. 128; 1980, p. 55; 1981, p. 156.

Somerville, R.; The Geology of the Erickson Gold Mine; Abstract in CIM Bulletin, September 1983, p. 50.

George Cross News Letter: 25/03/82; 21/03/83.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - accomp. Memoir 319, Geol. Surv. of Canada, 1963.

Geology of the McDame Map Area, Sc. 1.2 cm:1 km, Fig. 18, Geological Fieldwork 1980, p. 56.

Map 104 P/4, Needlepoint Mountain, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

It's uncertain how much of the ore came from the Vollaug (104 P/4, Au 1).

Comp./Rev. By Comp./rév. par	DMacR	JL					
Date Date	11-83	10-90					

PRODUCT GOLD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE BRITISH COLUMBIA

N.T.S. AREA
RÉGION DU S.N.R.C.

CARD 2
104 P/4

REF. Zñ 7
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ ERICKSON (JENNIE)

HISTORY OF EXPLORATION AND DEVELOPMENT (con't)

In 1986, Erickson Gold became Total Erickson Resources Ltd. and in 1988 they amalgamated into Getty Resources Limited to form Getty Resources Limited. Operations were suspended in 1988 and Getty Resources became Total Energold Corporation. There are 18,300 tonnes of 14.1 gram per tonne Au. (BC Ministry of Energy, Mines and Petroleum Resources, Information circular 1990-1, p. 27).