

PRODUCT COPPER  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 103 I/15  
RÉGION DU S.N.R.C.

REF. CU 6  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

LUCY O'NEILL, KEYSTONE

OBJECT LOCATED - from descriptive data.  
OBJET LOCALISÉ

UNCERTAINTY 400 m  
FACTEUR D'INCERTITUDE

Lat. 54°45'40"

Long. 128°36'40"

Mining Division Skeena  
Division minière

District  
District

Range 5 Coast

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

A 3-foot quartz vein heavily mineralized with pyrite and chalcopryrite outcrops in a cliff of massive, grey diorite on the east side of the stream just above the water. The vein is on the lower side of a dark, fine-grained diabase dyke about 3 feet wide that strikes north 30 degrees west and dips 60 degrees northeast. Some vein quartz also occurs on the hanging-wall side of the dyke but only in small, discontinuous lenses. The diorite adjoining the veins is altered and pyritized for several inches.

At the bottom of the shaft the vein is 4½ feet wide and the quartz is evenly mineralized with pyrite and chalcopryrite. Two channel samples were taken across the vein, close to the bottom on the east side of the shaft. The first sample, 32 inches in length, taken adjacent to the dyke, assayed: gold, a trace; silver, 0.89 ounce a ton, and copper, 3.48 per cent. The second sample, from the remaining 22 inches of the vein adjoining the diorite, assayed: gold, 0.02 ounce a ton; silver, 0.68 ounce a ton; and copper, 1.51 per cent; across the 4½ feet the copper averages 2.68 per cent.

p. E. O. ....

Associated minerals or products - Silver, gold.  
Minéraux ou produits associés

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

The property is located on Maroon Creek about 6.5 miles east of Kitsumkalum Lake and 17 miles north of Terrace. The showing crosses the creek at about 2,200' elevation, just below the junction with the east fork ("Garland Creek"). The Lucy O'Neill claim was staked on the east side of Maroon Creek and the Keystone claim, adjoining to the west, on the west side of the creek.

The claims were owned by G. Little and C. Purdy and associates, of Terrace, from 1921 or earlier. Assessment work was carried out into 1925 and included a 20' shaft sunk on the O'Neill claim in 1921.

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DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

On the projected extension of the vein on the west side of the stream, 60 feet distant, a shear zone has a similar strike and dip, but has no vein filling. The diabase dyke lies 15 feet north of the shear zone, but has a more northerly strike and its dip is reversed to the southwest.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:  
 1921, p. 44<sup>†</sup>; 1922, p. 49; 1923, p. 48; 1924, p. 48;  
 1925, p. 70.

††Kindle, E.D.; Mineral Resources of Terrace Area, Coast District British Columbia; Memoir 205, p. 22, Geol. Surv. of Canada, 1937.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329, Geol. Surv. of Canada, 1964.

Mineral claims on Maroon Mountain, Sc. 1":4,000', Report of Minister of Mines, British Columbia, 1925, op. p. 68.

Map 103 I/15, Kitsumkalum Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	08-84						