

NAME OF PROPERTY BUD (ELLEN) (AEROPLANE) (SHUTTLE ISLAND)

OBJECT LOCATED -showing.

UNCERTAINTY IN METERS 300. Lat. 52°39'20" Long. 131°41'55"

Mining Division Skeena District Queen Charlotte

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The country rocks are greenstones and intercalated lime-stones and argillites of the Lower Karmutsen Formation, striking at about N15°E and dipping 70°E. The mineralization occurs in two small intersecting brecciated quartz-slate veins. Free gold occurs in the veins, some in the quartz, but mainly around and in the inclusions of country rock.

The smaller vein, 5 inches wide, locally assayed from \$1,000 to \$1,400 per ton in free milling gold. The larger vein, 18 inches wide, on initial sampling over a three-foot length, gave an assay of over \$4,000 per ton in gold.

Associated minerals or products of value

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on Shuttle Island, in Darwin Sound.

The discovery in 1918 of placer gold on the adjacent beach by a timber company employee led to the staking of 23 claims. Development work began in sinking a 26 foot shaft at the intersection of the two veins. In 1919 a drift adit was driven 65 feet on the smaller vein. From 50 tons of ore produced from this operation, 18 ounces of gold were recovered by mortaring and panning.

In 1921 the property consisted of 4 claims, the Ellen, Georgia Mac, Bald Eagle Fraction, and Aeroplane, owned by a Mr. Edwards and partner. By that time the adit following the smaller vein had been extended to a length of 100 feet, to the junction with the main vein; the main vein was then drifted on for 25 feet. The property was optioned early in 1921 to Archie McVittie. The 'Ellen Group' Gold Mining Company, Limited, was incorporated in April 1921 to acquire and develop the property, however, very little further work was reported and the company charter was surrendered in 1925.

In the early 1960's the property was held by Pamoil Limited as the Bud 1-13 claims. A geophysical survey of the property was carried out in 1963.

*Harbor Resources Inc in 1980*

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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## HISTORY OF PRODUCTION

In 1919, 50 tons of ore were shipped from this property.  
From this ore 18 ounces of gold were recovered.

## REFERENCES

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, pp. 173, 218, British Columbia Dept. of Mines, 1968.

Reports of Minister of Mines, British Columbia: 1918, pp. 41, 105; 1919, p. 40; 1920, p. 44; 1921, p. 39; 1922, p. 42; 1923, p. 43; 1924, p. 43; 1963, p. 128.

Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, p. 48, British Columbia Dept. of Mines, 1950.

Mineral Development Sector; Corporation File: "The 'Ellen Group' Gold Mining Company, Limited".

British Columbia Dept. of Mines, Mineral Deposit Inventory, Property #262.

## MAP REFERENCES

Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet A - accomp. Bulletin No. 54.

#Sheet 103 B-C, Moresby Island, Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines.

\*Map 103 B/12 E, Darwin Sound, (Topo.), Sc. 1:50,000.

## REMARKS

Comp./Rev. By	LJ						
Date	6-75						