

PE-95-2

(14.2, 16.9)

PE
IR

②

148°20'W

60°38'N

The Merrill Property.
Bettles Bay-Valdez Mining Precinct.

445-28

Seward 95

95-2

PE
95-2Examined by J. G. Shepard.
Aug. 1926. U.S.G.S.

The Merrill Property, formerly known as the Brook-Eaton Mine, is situated on the hillside above Bettles Bay, one mile distant from tide water, at an elevation of 500'.

A quartz fissure vein paralleling the contact between slate and granite has been developed by about 800' of workings. The vein which apexes in the slate, dips at an angle of 52° toward the granite.

A shaft 100' deep was sunk on the vein at the bottom of which the contact was reached. The ore throughout the shaft is reported to average \$17.50 per ton gold. An adit drift was driven on the vein in the granite at an elevation 200' below the collar of the shaft. The fissure was persistent throughout but sampling at four points returned no values. A raise was driven to connect the adit drift with the shaft workings.

A one drill Ingersoll Rand air compressor, belt driven by an automobile truck engine furnishes drilling power.

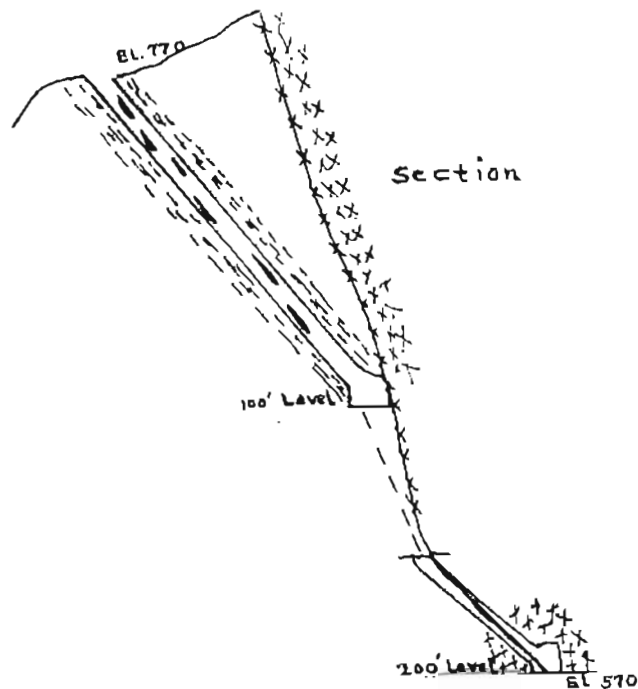
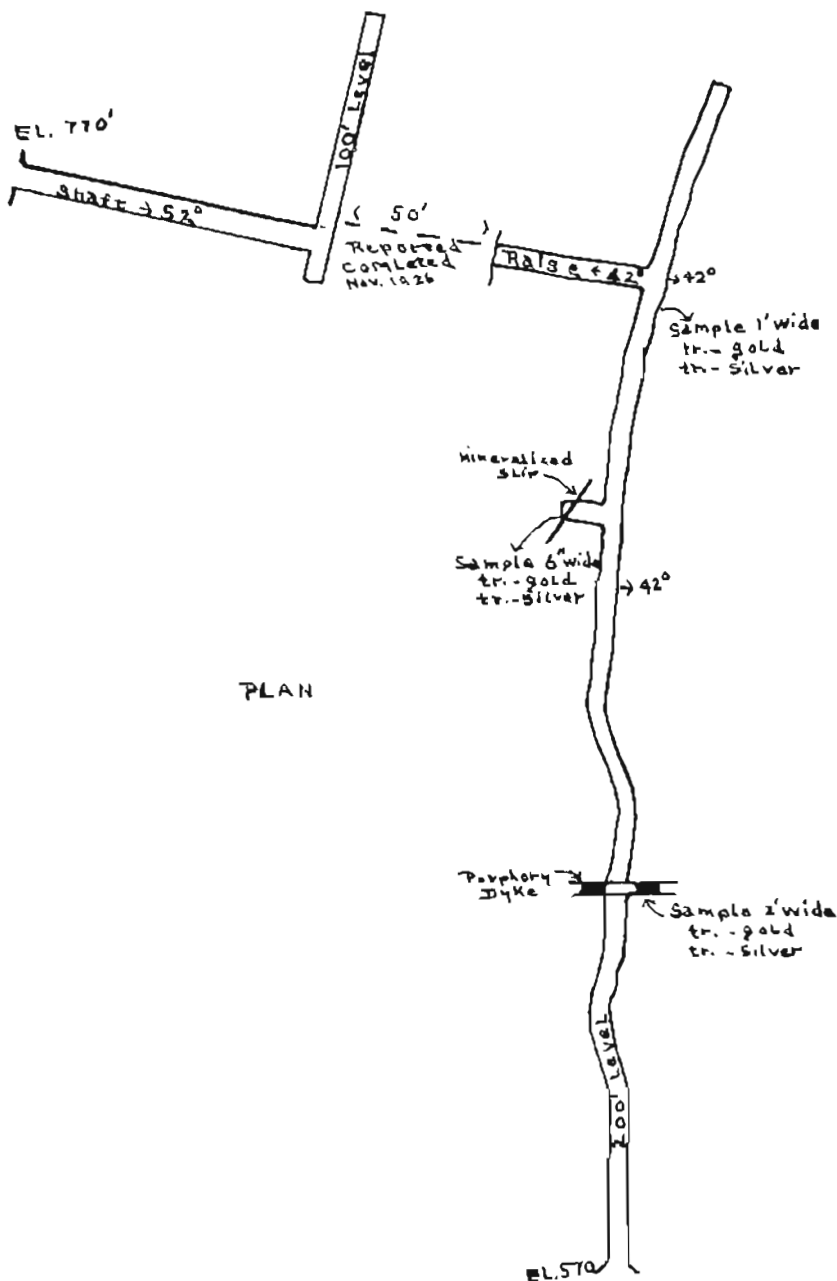
About 4,000 tons of ore are available for milling, above the point where the vein enters the granite.

There is sufficient water power available on the property for the operation of a small mill during all but the winter season.



Compressor house and adit portal.

SKETCH
of
MERRIL PROPERTY WORKINGS
Bettes Bay
Valdez Precinct
by J.G. Shepard.
Sept. 1926. U.S.G.S.
Scale 1" = 60'



LEGEND

- Slate
- Granite
- Quartz vein with slate Inclusions