GEOLOGIC OUTCROP MAP OF THE STATE OF MAINE AREA

TOMBSTONE MINING DISTRICT
Cochise County, Arizona

ROCK TYPES

Qal — Quaternary Alluvium and stream wash

Man-made mine dumps

In the Multimedia Rock-Type Color Symbols, Upper Cretaceous indicates outcrop and light color indicates flows, tuff, hornfelsed sediments and sediments. Dark color indicates intrusive rock type but can also indicate hard rock flows, dikes and sills. Small features cannot be reliably traced through this type of cover.

Rhyolite porphyry - occurs as dikes and sills

Ksg — Subgraphic granodiorite - Extends in mode cycles to the south of the center of Maine area. Possible outcrops within the Tombstone area (see text for description).

Andesite porphyry outcrops at Dikes and Dunnigan Hills. Fine grained light gray to purple rock with phenocrysts of plagioclase altered to clay and sericite. Groundmass altered to chlorite, sericite and clay minerals. Weathers to a rusty brown. Also found in the Tombstone Basin where it is a dominant rock type. Very prevalent in the Bisbee Basin pipe area.

Kup — Cycle Cam Intrusive - Quartz latite ovoid as a thick sill, probably intruded along a pre-existing thrust fault, and completely now altered to clay minerals, sericite and silica. Also found in the Dunnigan Hills as sill-like intrusive, and even in the dikes of Maine area. Where sill-like intrusive appears to predominate, with Paleozoic and Mesozoic sediments, it is probably the stratum anchorn at a considerable depth (between 100 and 150 feet).

BISBEE GROUP SEDIMENTS

Kb — Shale, sandstone, limestone and carbonate - conglomeratic and Morita and Fontana formations, approximately 7,500 feet thick.

Kbl — Limestone - Probably the "Fox Rock" and "Blue limestone", about 10 to 15 feet in total thickness.

Kh — Hereville member of the Tombstone area Bisbee formation

Kbg — Glance conglomerate - Quartz pebble conglomerate, occurs only in the Pan Ranch area. Apparently absent in the Tombstone or the Romero Canyon districts.

PALEOZOIC SEDIMENTS

Pn — Naco limestone - Not identified on the surface in the State of Maine area, shown only on cross sections.

Other Paleozoic sediments undifferentiated

SYMBOLS

Mine shaft, with and without dumps. - hachures show direction of inclination.

Prospect

Primary survey control point, first order survey.

Claim monument or stake - ground located and surveyed photogrammetrically to nearest 1/2 foot.

Forum Mine

Section corner

Steep - paved, improved dirt and bulldozed road or jeep trail

Steep pit of Moser trench

Approximate location Moser trench

Cross section

Proposed rotary or diamond drill hole

Completed rotary, hammer or diamond drill holes (MW-RW-DH)

Proposed air track drill hole

Vein or vein zone showing moderate to intense alteration and chlorite. Predominate argillic alteration and lead to narrow limonite.

Vein or vein zone showing weak to moderate alteration and limonite. Predominate argillic alteration and gossan and yellow limonite.

Manganese oxide mineralization

Silicification

Mineralized fault systems, color denotes alteration and mineralization as in vein systems

Calc-silicate alteration in limey sediments

Anticline or syncline showing apparent direction of plunge.

Fault mapped on the ground

Photo linears - identified on black and white vertical air photos of the area. Probably represent faults or fracture zones.

scale
200 0 200 400
1" = 200'

Contour Interval is 5 feet

JAMES A. BRISCOE, CONSULTING GEOLOGIST

STATE: Ariz.	PROJECT - 105	DATE: Sept. 1972
COUNTY: COCHISE	TOMBSTONE MINING DISTRICT	GEOLOGY BY:
MINING DIST: Tombstone	STATE OF MAINE AREA	J.A. Briscoe
MTN.RANGE:		DRAFTED BY: J.A.B.
		SAMPLES ASSAYED BY: Hawley and Hawley

Weighted average not including the 8 & 10 foot spaces is 1.16 oz silver and about 0.01 oz gold, over 47 feet. Using a $123 gold price and $3.00 silver price the rock would have a value of $4.73 per ton. Including the 8 & 10 foot intervals the weighted average is 0.84 oz over 84 feet.

Potential reserves this area to a depth of 25 feet at 13 cubic feet / ton estimated rock density are 200,000 tons.

DRAWING NUMBER				
D. N.	R.	P.	F.	LOC.
1018	0	105	AF	SW A3

F-0052-0-105-AC.-N

P-105
Sample - Assay Map -
State of Maine Maine Owned
Tombstone Mining Dist
Cochise Co, Arizona.