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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SUNSET MANGANESE

ALTERNATE NAMES:  
SUNSET MS 4531

COCONINO COUNTY MILS NUMBER: 247

LOCATION: TOWNSHIP 14 N RANGE 9 E SECTION 13 QUARTER SE  
LATITUDE: N 34DEG 35MIN 47SEC LONGITUDE: W 111DEG 20MIN 29SEC  
TOPO MAP NAME: LONG VALLEY - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:  
MANGANESE OXIDE  
PUMICE CINDERS

BIBLIOGRAPHY:  
BLM MINING DISTRICT SHEETS 134, 135, 143, &  
144  
ADMMR SUNSET MANGANESE FILE  
CLAIMS EXTEND INTO SEC. 13 & 24 T14N-R9E &  
SEC. 18 & 19 T14N-R10E

02/12/91

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine ✓ SUNSET MANGANESE CLAIMS Date September 12, 1957  
District Long Valley - COCONINO COUNTY Engineer B. J. Squire  
Subject:

The Sunset Manganese Claims consist of 165 unpatented lode claims lying on both sides of the Mormon Lake road next North of the Dennison & Schultz Groups of the Last Chance Mining Co., 7 miles North of Clint's Well.

✓ Owners are J. F. Beecroft, Happy Jack, Arizona, and the Estate of Keith Owens, Payson, Arizona.

The Manganese is hydro-thermal replacement as pyrolusite, wad and other manganese oxides in a volcanic ash bed lying in most cases under a flat, thin layer of limestone.

On the Sunset #10 Claim there is 3 feet of manganese bearing beds on the surface, then 4' limestone, then 9' manganese bearing bed. The mine run is + 15% in this area and it will clean up to 50% concentrate.

On the Sunset #2 Claim, 100' of ore shows in drill holes - mine run † 10% Mn content. This appears to be associated with an east-west trending shear zone in the LS.

The ore is difficult to upgrade because the volcanic ash has been altered to a very sticky-bentonitic clay and requires a lot of washing to remove.