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ITEM 20

## WHITE PINE—FLUORINE

Alternate names: None

Commodities: CaF<sub>2</sub>

## LOCATION-OWNERSHIP

County ..... Nye.  
Mining district ..... Unorganized.  
Elevation ..... 2,438 m.  
Topography ..... Hilly.  
Domain ..... National forest.  
  
Owners ..... Maynard and Lester Bisoni (1981).

General location ..... About 61 km southwest of Ely.  
Meridian ..... Mount Diablo.  
Tract ..... Sec. 21, T 12 N, R 58 E.  
Latitude ..... 38°52'57" N.  
Longitude ..... 115°26'55" W.

## GEOLOGY

Type of ore body ..... Disseminated, replacement.  
Origin ..... Hydrothermal.  
Shape of ore body ..... Tabular.  
Ore controls ..... Bedding, faulting.  
Strike and dip of mineralized zone. N 40° W: 30° E.  
Mineralized zone average dimensions, m:  
Length ..... 990.  
Width ..... 300.  
Thickness ..... 210.  
Mineral names ..... Fluorite, calcite, quartz, vesuvianite, mica, diopside, orthoclase, chlorite.

Host formation ..... Lincoln Peak.  
Geologic age ..... Cambrian.  
Rock relationships ..... Phyllite, encloses ore, ore in fractures.  
Limestone, encloses ore, replaced by ore.  
Rhyolite, near ore.  
Quartz monzonite, near ore.  
Quartz diorite, near ore.  
  
Size ..... Large.

## DEVELOPMENT

Current status ..... Inactive-explored prospect.  
Type of operation ..... Surface.  
Mining method ..... Proposed open pit.  
  
Year of discovery ..... 1976.  
Discovery method ..... Ore mineral in place.  
  
Initial production ..... None.

Distance to water supply ... On-site.  
Road requirement ..... <10 km.  
Distance to power supply ... <50 km.

## PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

## REFERENCES

455, 456, 545.

USGS quad maps ..... Lund, 1:250,000.  
Currant Mountain, 15'.  
USBM sequence number ..... 0320230667.