



Mineral Resources On-Line Spatial Data

Mineral Resources (<http://minerals.usgs.gov/>) / Online Spatial Data (<http://mrdata.usgs.gov/>)
 / Mineral Resource Data System (MRDS) (<http://mrdata.usgs.gov/mrds/>)

Beaverhead Mine

Producer in Madison county in Montana, United States with commodity Talc-Soapstone

Map (<https://www.google.com/maps/place/45.22518,-112.30337/@45.22518,-112.30337,12z/data=!3m1!1e3>) XML (<http://mrdata.usgs.gov/mrds/xml/10070456>)

JSON (<http://mrdata.usgs.gov/mrds/json/10070456>) KML (<http://mrdata.usgs.gov/mrds/kml/10070456>)

Geologic information

Identification information	
Deposit ID	10070456 (http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10070456)
MRDS ID	W013398
Record type	Site
Current site name	Beaverhead Mine
Alternate or previous names	Sierra Strip Mine

Geographic coordinates	
Geographic coordinates:	-112.30337, 45.22518 (WGS84)
Elevation	2414
Relative position	15.8 MI N88E OF DILLON
Political divisions (FIPS codes)	
Madison (county)	
Montana (state)	
United States (country)	
North America (continent)	
Land (continent)	
USGS map quadrangles	
Mine Gulch (quadrangle 1:24,000 scale)	
Dillon (quadrangle 1:100,000 scale)	
Dillon (quadrangle 1:250,000 scale)	
Hydrologic units (watersheds)	
Beaverhead (hydrologic unit)	
Missouri Headwaters (hydrologic accounting unit)	
Missouri Headwaters (hydrologic subregion)	
Missouri (hydrologic region)	
Federal lands	
Ruby Mountains Wilderness Study Area (Wilderness Study Area)	
Wilderness Study Area BLM (Type of land area)	
BLM (Federal land areas administered by BLM)	

Geographic areas		
Country	State	County
United States	Montana	Madison

Public Land Survey System information					
Meridian	Township	Range	Section	Fraction	State
Montana Principal	007S	006W	14		Montana

Comments on the location information
INFO FROM LAND.ST :(1978)

Commodities	
Commodity	Importance
Talc-Soapstone	Primary

Materials information

PLAINTIFF'S
EXHIBIT
CAM-134

Materials	Type of material
Talc	Ore

Host and associated rocks	
Host or associated	Host
Rock type	Metamorphic Rock > Metasedimentary Rock > Marble
Rock unit name	Pre Belt;Gneiss;Schist;Amphibolite
Rock description	Pre Belt;Gneiss;Schist;Amphibolite
Stratigraphic age (youngest)	Neoproterozoic

Nearby scientific data	
(1) Pre-Belt gneiss, schist, and related rocks (http://mrdata.usgs.gov/geology/state/sgmc-unit.php?x=-112.30337&y=45.22518)	List (http://mrdata.usgs.gov/general/near-point.php?x=-112.30337&y=45.22518&format=html)x=-112.30337&y=45.22518&z=14)

Geologic structures		
Type	Description	Terms
Local	Steeply Inclined Faults	
Regional	Minor Faults Offset Talc Body, Possible Isoclinal Folding	

Ore body information	
General form	POD
Strike	N 80 E
Dip	45 NW
Depth to top	0M
Width	30.48M
Length	274.32M

Controls for ore emplacement	
Lithology Of Host Rock (Dolomitic Marble)	

Economic information

Economic information about the deposit and operations	
Development status	Producer
Commodity type	Non-metallic
Deposit size	Medium
Significant	No

Mining district	
District name	Ruby Range

Land status	
Ownership category	BLM Administrative Area

Ownership information	
Type	Operator
Owner	Cyprus Industrial Minerals,
First year	1976
Type	Owner
Owner	Cyprus Industrial Minerals

Comments on the production information

MINE HAS LESS THAN 50,000 ST MINED PER YEAR

Comments on the workings information

MAJOR STRIP MINING OCCURED 1974-1976.

Comments on development

ECON.COM: OVERBURDEN MUST BE REMOVED AS MINE IS DEEPEENED

Reference information

Links to other databases

Agency	Database name	Acronym	Record ID	Notes
USGS	Mineral Resources Data System	MRDS	W013398	

Bibliographic references

Deposit

OLSON, R. H., (IN PREP.) THE GEOLOGY OF MONTANA TALC DEPOSITS: TO BE PUBLISHED BY THE MBMG IN THE PROCEEDINGS VOLUME OF THE ELEVENTH FORUM ON THE GEOLOGY OF INDUSTRIAL MINERALS

Deposit

GARIHAN, J. M., 1973, GEOLOGY AND TALC DEPOSITS OF THE CENTRAL RUBY RANGE, MADISON COUNTY, MONTANA: UNPUB. PHD DISS. PENN. STATE UNIV.

Deposit

BERG, R.B., 1979, TALC AND CHLORITE DEPOSITS IN MONTANA: MONTANA BUREAU OF MINES AND GEOLOGY MEMOIR 45, P.34.

General comments

Subject category	Comment text
Deposit	TALC MAY PINCH OUT ALONG STRIKE. BLOCKS OF UNREPLACED DOLOMITIC MARBLE ARE NUMEROUS WITHIN THE TALC BODY. ; INFO.SRC : 1 PUB LIT

Reporter information

Type	Date	Name	Affiliation	Comment
Reporter	01-JAN-1976	Berg, Richard B. (Krohn, D. H.)	U.S. Geological Survey	
Updater	01-MAY-1980	Loen, Jeffrey S. (Pearson, Robert C.)	U.S. Geological Survey	

(<http://usa.gov/>)U.S. Department of the Interior (<http://www.doi.gov/>) | U.S. Geological Survey (<http://www.usgs.gov/>)
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