



Mineral Resources On-Line Spatial Data

Good Fortune Iron Mine

Past Producer in Platte county in Wyoming, United States with commodity Iron

Geologic Information

Identification information

Deposit ID 10181731

MAS/MILS ID 0560310017

Record type Site

Current site name Good Fortune Iron Mine

Alternate or previous names Hartville Area

Geographic coordinates

Point of reference Trench

Geographic coordinates: -104.69569, 42.32557 (WGS84)

Elevation 1482

Location accuracy 100 (*meters*)

Relative position Coordinates are for mine symbol shown and labeled on topo in C of E2 of SE4 of sec. 7.

Geographic context

Political divisions (FIPS codes)

Platte (county)
 Wyoming (state)
 United States (country)
 North America (continent)
 Land (continent)

USGS map quadrangles

Guernsey (quadrangle 1:24,000 scale)
 Torrington (quadrangle 1:100,000 scale)

Torrington (quadrangle 1:250,000 scale)
Hydrologic units (watersheds)
 Glendo Reservoir (hydrologic unit)
 North Platte (hydrologic accounting unit)
 North Platte (hydrologic subregion)
 Missouri (hydrologic region)

Nearby scientific data

[Find additional scientific data near this location](#)

Geographic areas

Country	State	County
United States	Wyoming	Platte

Public Land Survey System information

Meridian	Township	Range	Section	Fraction	State
6th Principal	027 N	065 W	07 (also 4, 8, 17)		Wyoming

Comments on the location information

- ALSO IN SEC 4, 8, 17 IN T27N, R65W. Nightingale Group is primarily in SW4 of sec. 6, north of the Sunrise Mine. Good Fortune group is about 1 1/2 mi. to the SE in SW4 sec. 8 and SE4 Sec. 7. (See map on p. 238 of 251 of DMEA Docket 2964).

Commodities

Commodity	Importance of the commodity
Iron	Primary

Materials information

Materials	Type of material
Hematite	Unknown
Quartz	Unknown

Geologic units near the site, calculated from the appropriate geologic map

Trench (1) [Metasedimentary and metavolcanic rocks](#)

Ore body information

Strike N70W
 Dip 50N
 Thickness 16 M
 Depth to top 0 M
 Width 30 M
 Length 1500 M
 Area 65.76 HA

Info from MAS/MILS

Type of Orebody #1	SEDIMENTARY
Shape of Orebody #1	LENTICULAR
Type of Orebody #2	OTHER
Shape of Orebody #2	TABULAR
Shape of Orebody #3	OTHER
Primary mode of Origin	RESIDUAL CONCENT
Secondary mode of Origin	METAMORPHISM
Primary Ore Control	FOLDING
Secondary Ore Control	FRACTURING
Degree of Wallrock Alter.	NONE
Type of Wallrock Alter. #1	UNKNOWN
Strike And Dip	N70W
Minimum Depth to Top	0
Avg. Thick. Unconsol. Mat.	0
Min. Thick. Unconsol. Mat.	0
Total Surface Area (HA)	65.7599
Date of Last Modification	780213

Economic Information

Economic information about the deposit and operations

Operation type Surface
 Development status Past Producer

Commodity type **Metallic**
 Significant **No**
 Discovery year **1857**
 Year of first production **1898**
 Production years **1953, 1954**

Mining district

District name **Hartville District**

Mineral rights holdings

Type of mineral rights **Patented**

Land status

Ownership category **Private**

Ownership information

Type	Owner	Home office	Year
Unknown	Colorado Fuel And Iron Corp.	Colorado	1976
Owner	Schroeder Mining Co.	Guernsey, WY	1954

Reference Information

Links to other databases

Agency	Database name	Acronym	Record ID	Notes
U.S. Bureau of Mines	Minerals Availability System	MAS	0560310017	

Bibliographic references

Subject category	Reference
Deposit	USBM R I 4089 P 1,7,DATA ON DRILLING,ANALYSES,MINE WORKINGS

Subject category Reference

Deposit USGS BULL 315 D P 190-205, DATA ON HISTORY, PRODUCTION, GEOLOGY

Deposit USBM R I 4086 P 1, 18, GENERALIZED GEOLOGICAL AND GEOPHYSICAL

Deposit UNIV WYO M A THESIS GOOD FORTUNE MINE AREA BY B E EBBETT, 195

Deposit WYO. LIBRARY, DATA ON GEOLOGY

Deposit WGS BULL 50, APRIL 1966, P 117

Deposit DMEA Docket No. 2963, 3 p.,
http://minerals.usgs.gov/dockets/scans/wy/dmea/2963_DMEA.pdf
[\[http://minerals.usgs.gov/dockets/scans/wy/dmea/2963_DMEA.pdf\]](http://minerals.usgs.gov/dockets/scans/wy/dmea/2963_DMEA.pdf)

Deposit DMEA Docket No. 2964, 251 p.,
http://minerals.usgs.gov/dockets/scans/wy/dmea/2964_DMEA.pdf
[\[http://minerals.usgs.gov/dockets/scans/wy/dmea/2964_DMEA.pdf\]](http://minerals.usgs.gov/dockets/scans/wy/dmea/2964_DMEA.pdf)

General comments

Subject category Comment text

Deposit RE-REC 050-1898-99 PRODUCTION, 30000 LONG TONS RE-REC 050. SCHROEDER MINING CO. MINED DUMPS ON GOOD FORTUNE TY, UPGRADED ORE BY HEAVY MEDIA PROCESS IN 1953-54. TOTAL QUANTITY AMOUNT UNKNOWN RESERVES BASED ON OUTCROP PATTERN AND SAMPLES FROM OLD WORKING

Reporter information

Type	Date	Name	Affiliation	Comment
Reporter	27-FEB-84	Wilson	U.S. Bureau of Mines	
Editor	12-JAN-12	Wilson, Anna B	U.S. Geological Survey	No idea who Wilson from USBM who put in original record is. Not me.

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