MOLYBDENUM OCCURRENCES

HOOSIER MINE

(See also: Goodsprings Mining District)

Clark Co., NEVADA, USA

Location:	West-central part of sec. 4, T. 25 S., R. 58 E.
Molybdenum production:	None.
Development:	Three adits and several stopes made while mining lead and zinc.
Geology:	WULFENITE has been observed with galena, cerussite, and hydrozincite along a breccia zone in dolomitized limestone.

LOCATION: Alaska, Washington-Oregon, Idaho-Montana-Wyoming, California, Nevada-Utah, Colorado, Arizona-New Mexico, OTHERS, Australia & Pacific, Asia & Japan, USSR, Europe, Africa, South America, Mexico & Central Am., Canada

SIZE (lbs Mo): MINED + RESERVES: >1 billion, >10 million, >100,000; MINED: >100 million, >1 million, <100,000; None (No Mo Minerals); MINED: >10 million, >100,000, None; MINED + RESERVES: >100 million, >1 million, <100,000

GRADE (% Mo): >1.0, >0.1, >0.01, <0.01

ASSOCIATED METALS (BY PRODUCT—TOP ROW; MAIN OR CO-PRODUCT—BOTTOM ROW): Ag, As, Au, Ba, Be, Bi, Cd, Co, Cr, Cu, F, Fe, Ge, Hg, Pb, Mn, Mo, Ni, Pt, Sb, Se, Sn, Te, Ti, Tl, W, U, V, Zn, Others

CENO.	Pliocene-Miocene	< 25 m.y.	A
	Oligocene	25-40	B
	Eocene-Paleocene	40-65	C
MESO.	CETACEOUS	65-140	D
	JURASSIC	140-185	E
	TRIASSIC	185-230	F
PALEO.	PERM.-CARBON.	230-350	G
	DEVON.-SILUR.	350-440	H
	ORDOV.-CAMB.	440-600	I
PRECAMBRIAN		> 600	J

AGE (TOP ROW—STRATIGRAPHIC; BOTTOM ROW—ISOTOPIC)

(x = ADDITIONAL DATA IN FILE)

AGE (BOTTOM ROW—ISOTOPIC; TOP ROW—OTHER): MILLION YEARS (BILLION): 100, 10

ASSOCIATED INTRUSIVE ROCKS

TEXT	Aphanitic	Phaneritic
	Porphyritic	Porphyry
COMPOSITION	Granite	Syenite
	Qtz. Monz.	Monzonite
	Granodiorite	
	Qtz. Monz.	Diorite
	Gabbro	
	Ultramafic	
SHAPE	Batholith	Stock
	Plug	Dike
	Other Discordant	
	Laccolith	Sill
	Other Concordant	
SIZE (mi²)	100 - 1000	1000 +
	5 - 10	10 - 100
	1/2 - 1	1 - 5
	0 - 1/4	1/4 - 1/2

ASSOCIATED VOCANICS: Acidic, Intermediate, Basic

W-ROCK: Igneous, Volcanic, Metamorphic, Carbonate, Clastic

ALTERATION: Alunitization, Argillization, Feldspathzation, Propylitization, Sericitization, Silication, Silicification, Supergene processes, Others

NAME (1ST LETTER—BOTTOM ROW; 2ND LETTER—TOP ROW): 2190 0046

OCCURRENCE — SHAPE: Massive, Stockwork, Disseminated, Vein, Lens, Pipe, Manto, Irregular, Other

Syngenetic, Epigenetic; Hypogene, Supergene

Pegmatite—Aplite, Porphyry, Contact, Ls. Replac., Bedded

MINERALIZATION (COMMON—TOP ROW; RARE—BOTTOM ROW)

OTHERS: Scheelite, SECONDARY PB-ZN, Turquoise, CU CARBONATES, Chrysocolla

OXIDES: Magnetite, "Limonite", Hematite, Cuprite, Cassiterite

SULFIDES: SULFOANTIMONITES, Stibnite, Sphalerite, Pyrrhotite, Pyrite—Marcasite, Galena, Enargite, Covellite, Cinnabar, Chalcopyrite, Chalcocite, Bornite, Bismuthinite, Arsenopyrite

GANGUE: Tourmaline, Quartz, Fluorite, Calcite, Biotite, Barite, Adularia

MO MINERALS: Molybdian, OTHERS, Powellite, Ilsemannite, Ferrimolybdite, Wulfenite, Jordisite, Molybdenite

Wolframite, Vanadinite, Beryl, Co-Ni-P, Te-Se, Ag, Mn, Ti, U, Other

Re (PPM IN MOLYBDENITE)

NEVADA BUREAU OF MINES

E-Z DATA SYSTEMS LTD. SAN FRANCISCO 360-5490

U. S. Geol. Survey Goodsprings 15' topographic quadrangle