MOLYBDENUM OCCURRENCES

BUDGET GROUP

Clark Co., NEVADA, USA

CENO.	Pliocene-Miocene	< 25 m.y.
CENO.	Oligocene	25-40
CENO.	Eocene-Paleocene	40-65
MESO.	CETACEOUS	65-140
MESO.	JURASSIC	140-185
MESO.	TRIASSIC	185-230
PALEO.	PERM.-CARBON.	230-350
PALEO.	DEVON.-SILUR.	350-440
PALEO.	ORDOV.-CAMB.	440-600
PRECAMBRIAN		> 600

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

Location: " . . . about 11/2 miles south of Crescent"; Sec. 29, T. 28 S., R. 61 E.

Molybdenum production: None.

Geology: Several shallow shafts and adits, totaling about 600 feet, made while prospecting for gold and silver. Gold, WULFENITE, and vanadinite(?) occur in a quartz vein up to 2 feet wide, striking N. 25° E. and dipping 35°-50° in gneiss.

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

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

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

AGE (BOTTOM ROW—ISOTOPIC; TOP ROW—OTHER) (X = ADDITIONAL DATA IN FILE): MILLION YEARS 100, 10; BILLION 1

ASSOCIATED INTRUSIVE ROCKS

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

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)

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

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

SULFIDES: Arsenopyrite; Bismuthinite; Bornite; Chalcocite; Chalcopyrite; Cinnabar; Covellite; Enargite; Galena; Pyrite-Marcasite; Pyrrhotite; Sphalerite; Stibnite; SULFOANTIMONITES; Cassiterite; Cuprite; Hematite; "Limonite"; Magnetite

OXIDES: Chrysocolla; CU CARBONATES; SECONDARY PB-ZN; Turquoise; Scheelite

OTHERS: Wolframite; Vanadinite; Beryl; Co-Ni-Pt; Te-Se; Ag; Mn; Ti; U; Other

Re (PPM IN MOLYBDENITE)

NAME: 25 TKM 7

1300 0007

NEVADA BUREAU OF MINES

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

VANDERBURG, W. O., 1937a, Reconnaissance of mining districts in Clark County, Nevada: U. S. Bur. Mines Inf. Circ. 6964, p. 21

U. S. Geol. Survey Crescent Peak 15' topographic quadrangle