

0450 0047

(228) Item 48

PROPERTY NAME: DAISY

County: NYE

OTHER NAMES: Crowell Flourine Mine

Mining District: Flourine

MINERAL COMMODITY(IES): Flourspar

AMS Sheet: Death Valley

TYPE OF DEPOSIT: Hydrothermal (Replacement)

Quad Sheet: Bare Mt. 15'

ACCESSIBILITY: Approx 5 miles due east of Beatty
by dirt road.

Sec. 23 , T12S , R47E

OWNERSHIP: Crowell Family

Coordinate (UTM): See Below

PRODUCTION: Over 200,000, Tons

North | | | | | | | | m

HISTORY: Mine has been on continuous operation
since 1928

East | | | | | | | | m

Zone | | | | | | | |

DEVELOPMENT: Single shaft serving 13 levels - Approx 600 ft deep. Many raises, stopes,
and winzes follow highly irregular ore bodies.ACTIVITY AT TIME OF EXAMINATION: Three miners, 1 hoistmen, and Jack Crowell who was
working as a miner operator.GEOLOGY: Highly irregular ore bodies in dolomite of Cambrian (Nopah Formation), ore
is very low in silica (less than 5%) with ore grades of 70 to 90% CaF_2 . Ore is highly
friable in upper levels but is shipped without treatment to Beatty where it is stockpiled
before being trucked to steel and cement companies. The steel companies get the lower
silica ores while the cement companies take the higher silica contents.The ores occur as hydrothermal replacement bodies along fault sets and other zones
of weakness within the dolomite. The ore bodies are surrounded by a clay-like rind of
gouge up to a foot thick that was reported to carry small amounts of Au in the upper level
Sample# 1028. Brecciation occurs locally but is not pervasive.

REMARKS:

1028 N4081950 E1527350

1029 N4081950 E1527350

Remarks: Currently the mine is operating from a stope 200 feet high and 20 plus feet
wide, which extends from the 13th to the 8th level on the eastside of the mine Sample# 1
Jack Crowell very generously took us on a tour including the current 13th level operation.
We sampled# 1029 at the present ore body and the gouge zones on the upper level.#1028The limited mining operations is a reflection of the current recession and the
reduced demand for flourspar.We also visited and sampled several other flourspar prospects west of the mine, that
were owned by the Crowells. Sample numbers 1030, 1031, 1032, 1033.Several gold prospects on the southside of the property were recently drilled (1980)
by a Washington based mining group. The prospects were sampled#1034.

REFERENCES:

EXAMINER: Quade/Smith

DATE VISITED: 4-21-82