

2160 0057

PROPERTY NAME: Western Gas, Oil and Mineral(?) Heap Leach
 OTHER NAMES: Trafalgar Mines Partnership? (See Schilling, 1981)
 MINERAL COMMODITY(IES): _____
 TYPE OF DEPOSIT: Au
 ACCESSIBILITY: _____
 OWNERSHIP: _____
 PRODUCTION: _____
 HISTORY: This heap - leach facility was probably put on stream within the past year.

County: Esmeralda ⁽⁹¹⁾ Item 59
 Mining District: Goldfield
 AMS Sheet: Goldfield
 Quad Sheet: Goldfield 15'
 SE/4
 Sec. 35, T 2S, R 42E
 Coordinate (UTM):
 North 4174350m
 East 0479800m
 Zone +11

DEVELOPMENT: Several heap leach pads, hauling equipment, graders, crushing and classifying equipment.

ACTIVITY AT TIME OF EXAMINATION: Leaching, according to reports, although I did not see any solution being applied to ore heaps.

GEOLOGY: The ore being leached is reportedly a mixture of old dumps and tailings. A grader is used on top of pad during construction (photo); the pad seal is asphalt (with plastic pipe lying directly on it (for solution collection). I did not see any gravel over the pipe; ore is put directly on the pipe. It appears that the ore is mostly \geq 15 cm. The dump material reportedly came mainly from the mines in the vicinity of the Florence Mine. The tailings are being agglomerated with Portland cement in a facility just west of the pad under construction at present (photo). Cyanide is added during agglomeration. The haul road from the pads leads to partially removed old dumps just southeast of Florence Hill. Another tailing project is reported from the vicinity of the Columbia Mill (Schilling, 1981, p. 33); no activity was noted there during this visit.

REMARKS: Photo A5-"14,"14B" are of the heap-leach facility, located in the tailings area south of Columbia Mtn; looking east (14) and northwest (14A).

REFERENCES: Schilling, J.H. (1981) The Nevada Mineral Industry 1981: Nevada Bureau of Mines and Geology Special Publication MI-1981.

EXAMINER: L.J. Garside

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