

COUNTY: Grant DISTRICT: Bayard
INSPECTED BY: VTM, Randall Armijo, Bob Garcia (AML)
DATE: 12/8/93
MINE NAME/ALAIS: Manhattan, Pleasant View, St. Louis
USGS QUADRANGLE: Fort Bayard 7-1/2
LOCATION: NW NW sec. 1 T18S R13W 32 46'50" 108 8'40" → LOCATION FOR
ELEVATION: 6060 ft. PEERLESS
OWNERSHIP/DISCOVERY/PATENTED: patented 1903
DEVELOPMENT: Manhatttan shaft (F1) 175 ft., 80 ft. shaft (F4,
now caved), 49 ft. shaft (F3), 26 ft. shaft (F5), 19 ft. shaft
(F7), 31 ft. shaft (F6), shallow prospect pits
PRODUCTION, EXPLORATION: 1940's 1 car Mn ore, 1953-1954 94 long
tons of 21.3% Mn (Farnham, 1961), unknown Zn and Pb
STATIS: inactive since 1950s
GEOLOGY
HOST: hornblende quartz diorite (Cretaceous)
STRUCTURE: 3 or 4 veins N32E 70E, N50E 70E, N60E 80E
MINERLOGY: pyrite, galena, sphalerite(?), Mn oxides, Fe oxides,
calcite, quartz, chlorite, smectite
SIZE: 1-4 ft wide, 2000 ft long
ASSAYS: 0.3-19.0% Zn, 2.1-7.6% Pb, 1.0-8.6% Mn, 0-0.43 oz/ton
Au, 1.02-7.5 oz/ton Ag, 0.6-1.5% Cu (unpubl. reports 1942-1943)
ALTERATION: chlorite-smectite, silicification, Fe and Mn oxides
TYPE OF DEPOSIT: Laramide vein
RECOMMENDATIONS:
COMMENTS: AML plans to fill most deep workings early 1994
REFERENCES: Farnham (1996), Jones et al. (1970) GQ-865, Lasky
(1936) B970

SAMPLE NO.	DESRCIPTION
Man A	select dump, shaft F2
Man B	select dump, shaft F2
Man C	8 ft. chip across vein, pit north of F2
Man D	select dump, pit narth of F2
Man E	select dump, west of F4
Man F	2 ft chip across vein, shaft F3
Man G	chip of outcrop at shaft F5
Man H	select dump, shaft F7