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(176)
Item 2

Scouting report

NEVADA
LINCOLN COUNTY

TEMPIUTE DISTRICT

Detouredthrough district today, on way from Caliente to Tonopah. Looked briefly at geology in vicinity of town site; did not go up to mine, which evidently is a mile or so south of town, and thousand feet higher; but served by an adit portalled at townsite and millsite.

From appearances and from State geological map (Nev. B of M Mao 16), a couple of small bodies of intrusives trending northerly, intruded into Paleozoics; some beds of Paleozoics are thoroughly garnetized and in part more or less massive pyrite. I could not recognize any sulfides other than pyrite in any of the dump material at the adit portals. I presume the scheelite that was the mainore mineral was in the garnetite, but did not recognize any.

I have heard rumors of some silver mining in this vicinity in the last two or three years, and also rumors that the silver mining was strictly a promotion. On Tempiute dump is perhaps 50 tons of material plus 2", minus 5" which contains a fair amount of fluorite -- maybe 30% average. This fluorite ore neatly stacked, in ten or so truckloads, and apparently left there forever. Source unknown to me, but scattered through it are occasional pieces of typical Tempiute garnetite; fluorite is fissure-filling pretty coarse stuff.

Running more or less thru townsite is major fault, strike easterly, which evidently cuts off the north-trending intrusive body; to north of fault is shale, probably Chainman, since shown as Mississippian on geologic map. A few hundred yards farther north is another major fault, striking northeasterly, whhich cuts off Paleozoics entirely -- to north of it is only Qal, with occasional islands of Tertiaries for a mile or so farther north. Geologic map shows a couple islands of Paleozoics wellto the west. My conclusion is that beyond this fault there is little chance of mineralization at reachable depths.

South of the mine area a couple of miles is an area of probable pediment, but it is separated from the mine area as I understand it by a couple miles of unmineralized good exposures.

Overall: looks to me like the Tempiute (Lincoln Mine) tungsten was contact metamorphosed sediments agains the intrusive. And the intrusiveis surrounded by good exposures with no sign of other ores. The possible pediment areas to north and south are therefore not very favorable, unless mineralized from an entirely different source than the LincolnMine.

Arthur Baker III
October 16, 1964