



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
7744 FEDERAL BUILDING
300 NO. LOS ANGELES STREET
LOS ANGELES, CALIFORNIA 90012

October 29, 1968

Memorandum

To: The Files

From: Geologist, Pacific Region

Subject: Examination of Nevada sand and gravel and Phosphate permit applications, E₁ sec. 15, T. 23 N., R. 63 E. and sec. 8, T. 1 S., R. 61 E. MDM, respectively.

Flew from Los Angeles to Las Vegas and was met by Harvey McCann, Engineer, Salt Lake City Mining Branch. Went to the new equipment show at the Mining Convention. Drove with Harvey to the sand and gravel application. The area was adjacent to an operating sand and gravel plant and appeared to contain the same type of deposits. We continued on to Ely, Nevada and met with John Sabin of Midas, Nevada, who is applying for a phosphate lease. He showed us an analysis of a sample from his deposit which indicated 32% phosphate.

Sabin, Harvey, and I drove to the deposit which appears to be a sliver of Devonian or Mississippian limestone shot through with white calcite and surrounded by down dropped blocks of pyroclastics. Harvey has sent some of the material to the lab in Casper and I'm awaiting their report with interest. Sabin drove me to Las Vegas for return flight to Los Angeles.

E. V. Stephens
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