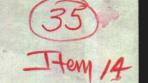
UNITED STATES BUREAU OF MINES



PRELIMINARY EXAMINATION REPORT

State Nevada				County.	Douglas		Mineral		orundum— indelusite
Name of p	roperty	Blue Me	tals Mir	ne					
Owner A									
Judge Clark J. Guild — Carson City, Nevada Lessee or Operator Address									
Location.	In Sec.	14, T.	L3 N., F	• 23 E• N	1.D.B.M.				
Analysis	Bureau of Mines Exploratory Project								
Sample No.	%Al203	%SiO ₂	%Fe	%C@0	%Mg0	%NaO	%K20	%T102	% 2 0X
Ne 31.1	40.0	50.7	0.31	0.8	0.05	0.13	0.23	0.52	6.85

History and production Originally was gold prospect

Type Deposit (Goeolgy) Country rock is andesite considerably altered by an intrusion of granodiorite and cut by several lamprophyre dikes. Silicification is widespread in vicinity of mine and silicified ridges stand out since they have resisted weathering, more than other rocks. A few small shear zones were noted varying from 2 to 50 feet thick, and these are composed of a sericitic or talcose rock often containing corundum and andelusite on the surface, and where these occur the rock has a distinct blue color.

Mine Workings Bureau of Mines drove an adit at a depth of 70 feet below outcrop for a distance of 200 feet and at the face of the adit a crosscut 23 feet cut the shear zone. No corundum or andalusite were found.