

1170 0004

Esmeralda Co. 5  
Item 4

## UNITED STATES BUREAU OF MINES

PRELIMINARY EXAMINATION REPORTState Nevada County Esmeralda Mineral Products IronName of property Iron King Hematite DepositOwner C. C. Book Address Tonopah, NevadaLessee or  
Operator \_\_\_\_\_ Address \_\_\_\_\_Location In the Columbus Mining District about 50 miles west of Tonopah. About 8 or 10  
miles west of Coaldale.Examined July 1943.

Sample No.	Percent								
	Fe	Mn	P	S	S O <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Ca O	Mg O	Cu
1	50.7	5.4	.041	.284	4.36	4.93	0.15	0.10	0.15
2	55.0	1.7	.111	.177	5.33	3.05	0.20	0.09	0.08

History and production Not known.

Type Deposit (Goeolgy) Manganese bearing iron ore in the form of hematite and pyrolusite occur at the contact of a granitic rock and overlying sedimentaries which are flat or dip gently. Ore is thought to have replaced overlying limestone.

Mine Workings A sixty foot vertical shaft, and two adits of unknown length, all in ore, were noted.