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02/16/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BLACK DIAMOND

ALTERNATE NAMES:

SANTA CRUZ COUNTY MILS NUMBER: 217B

LOCATION: TOWNSHIP 20 N RANGE 15 E SECTION 28 QUARTER SE
LATITUDE: N 31DEG 39MIN 21SEC LONGITUDE: W 110DEG 49MIN 39SEC
TOPO MAP NAME: MT WRIGHTSON - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
MANGANESE

BIBLIOGRAPHY:
ADMMR BLACK DIAMOND FILE

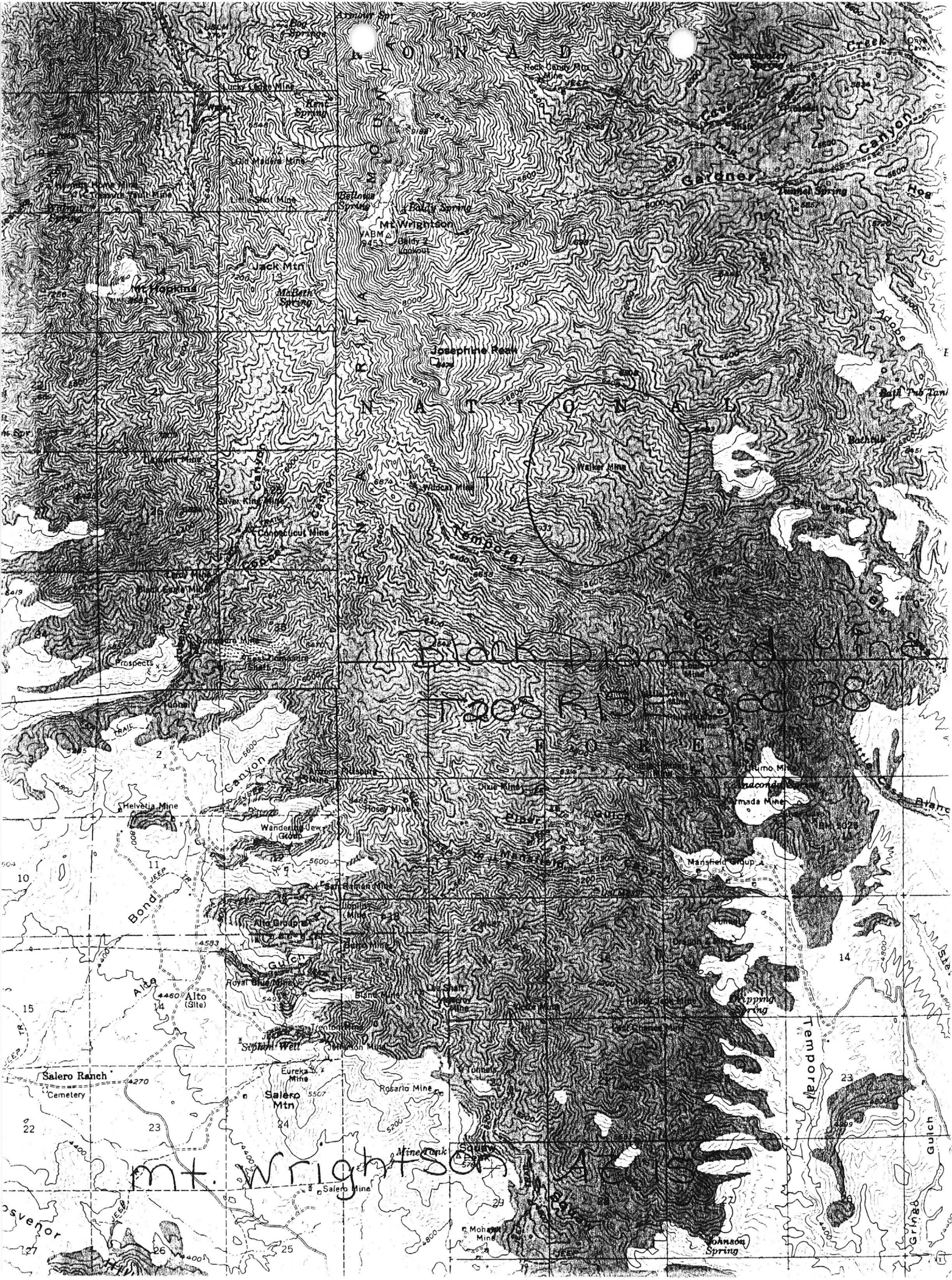
BLACK DIAMOND MINE

REFERENCES

SANTA CRUZ COUNTY
WRIGHTSON DIST.
T20S R15E Sec. 28

Santa Cruz County MILS Index #217B

Mt. Wrightson, AZ 15' Topo (included in file)



1 of a - Some unknown.

SIZE: CRES	Total Limit * Assessed \$	MINERAL SURVEY NUMBER	Patented Claims	NOTES
661	\$ 16,528	1758	11-4-76 5398-0134	MAPS: 11-4-76
560	13,248	1759	2000-ANANIAS 5398-0134	MAPS: 11-4-76
661	\$ 7500	2966	1/2 HA, 1/2 MACKENZIE	SPILT PUMPS MAPS
661	2967	1/2 HA, 1/2 MACKENZIE	1/2 LENNON	MAPS
27	\$ 19,620	DOUGLAS 468 R109	Patented 1880	2000 ton dump No Monuments
87A	\$ 12,653	LST 50		TUNNEL-SHAFT
153	\$ 6,800	235		
621	\$ 16,496	4063	DOUGLAS VAIL WILKINSON	MAPS: 11-4-76
522	\$ 16,416		on INDIAN RESERVATION	contiguous claims
661	\$ 6,818	4066	COMOBABI Mts	20155 Panel
0A	\$ 1650	Panel 20163	Near Graveyard, Near LINCOLN	and KO VAY
15E	Not on Tax Rates	UN-	W. of HUN 2E on INDIAN LAND	
0 LAND	(NA)	PAT'D	Believed to have been WITHDRAWN	
	\$ 25,398	830	REVERTED TO PLACER	on INDIAN, granite on placement of granite
55A	\$ 11,823	1262	LESSEE: John FAICK	200/acre To June 1992 4 open shafts and Sub-leased to ↓ STAPES
6	\$ 26,232	272	MA	ALNAMBRA MINES INC.
20		273	W	GENERAL MINERALS OF AMERICA
20	Total	274	M	Remained lease at minimum Sparks, Nev
12A	Not on Tax Rates	2000	UN-	LESSEE: GILBERT S MOTT
1A	(NA)	PAT'D	1600	GRAHAM MOTT
1A	\$ 125/Ac Estd	PLACER		NEED ASSESSMENT ANK. EACH YEAR
11MS	\$ 231,726 Total	MS	15 pat'd claims	
9A	\$ 15458	3685	OCEANIC GROUP	
		4159		
		"OVERSIGHT"		

FEV (Summer)
* Full Value, Prime
Sole: Senator
Oct 83 Townsite 187A
TOWNITE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Black Diamond Mine

Date Jan. 19, 1959

District Wrightson Mining Dist., Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Field Engineer's Report - Information from M. F. McKnight. No visit.

References: See report of July 23, 1958

Present Mining Activity: Mr. McKnight reports that the mine started operating yesterday Jan. 18, and that about 1 ton of ore had been stockpiled for future shipment. 4 men working.

Mr. McKnight reports that the vein is from 12" to 13" in thickness, and that the ore is very high grade, probably 45% to 55% manganese.

He reports that a road into the property was recently completed, but the road is very steep and requires a 4 wheel jeep to get over.

Remarks: Field engineer hopes to be able to get up to the property for a personal visit on his next trip to the area about Feb. 5.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Black Diamond Mine

Date Feb. 4, 1959

District Wrightson Mining District, Santa Cruz Co. Engineer Axel L. Johnson

Subject: Field Engineer's Report. Information from Harry Zabel.

References: Reports of Jan. 19, 1959 and July 23, 1958.

Location: About 18 miles north of Patagonia. Drive up Temporal Canyon road for a distance of 13 miles from Patagonia. Take newly built road for a distance of about 5 miles up the steep mountain to an elevation of about 6300 ft. Requires a 4 wheel drive jeep to negotiate. No road for the last 200 to 300 ft. up to the mine.

Owners: ✓ Boulder Mining Co., Box 5, Patagonia, Arizona
✓ Harry Zabel, LeRoy Knott and James Williams

Principal Minerals: ✓ Manganese

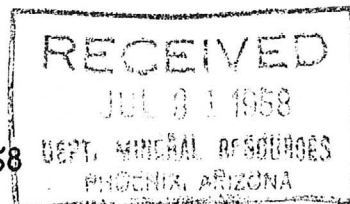
Present Mining Activity: Mr. Zabel reports that mining manganese ore was started on Jan. 18, and that they now have 5 to 6 tons of manganese ore stockpiled, which is expected to average 50 to 52% in manganese content. 3 men working.

Milling & Marketing Facilities: Mr. Zabel reports that he has an offer from a manganese ore buyer of \$1.15 per long ton unit f.o.b. mine.

Present Mining Operations: Working with pick and shovel in small open cut, handsorting the ore and dumping ore into a stockpile.

See: MINING WORLD, April 1959, p 40

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine **Black Diamond Mine**

Date **July 23, 1958**

District **Wrightson Mining District, Santa Cruz Co.** Engineer **Axel L. Johnson**

Subject: **Field Engineers Report. Information from Harry Zabel. No visit.**

Location In Temporal Canyon about 13 miles north of Patagonia, and 6 miles NE of the junction to the American Boy Mine.

Number of Claims 2 unpatented claims, located on April 25, 1958.

Owners Boulder Mining Co., Box 5, Patagonia, Ariz.
Harry Zabel, LeRoy Knott, James Williams, and Reginald Miller of same address.

Present Mining Activity Building a road for a distance of 4 miles to the property.
2 men working.

Geology & Mineralization Owners report that the ore is formed by limestone replacement adjacent to an igneous rock contact. They further report that the ore structure is about 12 feet wide by 300 ft. long, with manganese ore fissures within the structure 18 in. wide by 40 ft. long. The ore outcrops on a steep side hill next to a canyon. Owners report that the ore, after being sorted, averages close to 50 % in manganese.

Past History and Production Owners report that the mine was worked to a limited extent in World War I and World War II, and that the ore mined at that time was hauled out by burros. They report that the ore, from these shipments, averaged 49 % manganese, 2 % iron, 1 % silica, 27 oz. silver, and no copper or lead.

Present Mining Operations Building a road into the property, using a D-8 Caterpillar bulldozer. They report that 3.25 miles of road has already been built, and that 0.75 miles of road remains to be built. They expect to finish the road construction in about 3 weeks. Considerable rock blasting is required in the operation.

Proposed Plans To start mining operations as soon as the road into the property has been completed.

To hand sort the ore sufficiently, so as to be able to ship the ore direct on the Government Car Lot Program. They are of the opinion that the ore will average from 45 to 50 %.

General Remarks Operators live 1 mile north of Patagonia. Drive NE from Patagonia on the Patagonia-Sonoita road (Hwy. 82) for about 300 yards, turn left on 1st Ave., then drive 0.5 miles past the Ranger Station, then turn right on the first road past the Ranger Station.