

Austin, continued. Steiner Canyon, Placer, continued.

mining was done, and the shaft was not put down to bedrock.

The location is about 35 miles north of Austin on the highway. The property is now owned by C. A. Newman, of Valley City, North Dakota, who is a director in the Austin-North Dakota Mines Company of Austin, owning claims in Marshall Canyon. At the Bobtown placer, Newman has begun work about a mile up the canyon from the original discovery, with the plan of getting nearer the source of the gold, and avoiding excessive water. Water, excessive this summer, is being pumped out of the shaft, now down about 40 feet, by a large pump which has been installed.

Iowa Canyon Placer

N. of 160

Placer gold has for a long time been known to occur in a canyon near the Jos. Phillipi ranch, on the old stage road, 16 miles north of Austin. From time to time it has been slightly prospected. A shaft put down in the gravel, encountered much water.

Barite

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A deposit of barite is located southeast of Austin toward Smoky Valley. It is owned by Gus Laurent of Austin. It has been sold by Laurent twice, and some work has been done on it, but in each case it has reverted to Laurent.

Mineral Paint

→ near 159

A deposit of yellow iron oxide, or ochre, occurs about 35 miles north of Austin, and on the highway to Battle Mountain. It is owned by Doug Tandy, well known editor of Austin. Tandy has had many samples sent out and examined, and ex-

Austin, continued.

Mineral Paint, continued.

cellent reports returned. The freight rates incident to shipping it over the Austin-Battle Mountain narrow gauge railroad, and the Southern Pacific railroad have prohibited getting it on the market. The S. P. Co. at one time offered Tandy a satisfactory rate, but the narrow gauge would not make a corresponding reduction.

Much similar mineral pigment is used by railroad companies. The specifications require that the mineral pigment must contain 46% of Fe_2O_3 , the remainder to be silicates and fully hydrated calcium sulphate.

Abrasive for Mineral Soap, Etc.

Quite near the foregoing occurrence of mineral paint, there is a very large deposit of volcanic ash of mineral value. It is also owned by Doug Tandy of Austin. The color is gray. Tandy has manufactured a soap from it named "Skedaddle" which has excellent cleaning properties, similar to "Scat" and other similar preparations. Recently the manufacturers of "Old Dutch Cleanser" were looking for a deposit; this might be suitable material.

(Irrelevant Note)

Tandy prints and distributes free mining location notices to all prospectors who apply--usually about 500 per year.)

Battle Mountain

Tin

While at Austin, L. A. Lemaire, present on Grand Jury duty, gave the following information:

About 20 miles north of Battle Mountain, near the Eisenhut Ranch, tin occurs denoted by more or less float cassiterite. Some of this tin land is within

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