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item 13

THE STANDARD SLAG COMPANY
Gabbs, Nevada

September 6, 1958

TO:
FROM: [redacted]

cc: E. L. Stephenson ✓

SUBJECT: Centipede Iron Prospect. #193

INTRODUCTION.

The subject prospect was examined on September 2 in the company of the owner, Mr. S. V. Wines. It is located in Mineral County, Nevada, at the north end of the Gillis Range, 51 miles west of Gabbs and about 12 miles east of Schurz which is on the Southern Pacific Railroad. The elevation is about 5,500 feet.

DEVELOPMENT.

A single claim, the Centipede, is held by location on iron ore which outcrops intermittently in an area about 75 feet by 25 feet. The deposit is essentially undeveloped but has been prospected by a shallow shaft which has high grade iron ore on the dump and by 2 small pits exposing some iron bearing material.

GEOLOGY.

The area is largely capped by recent volcanic flows and much of the immediate vicinity of the deposit is covered by granitic and volcanic overburden. A greenstone outcrop, apparently a small horse, occurs near the principal iron outcrops and granitic rock outcrops about 100 feet to the north. This does not show any significant alteration. No limestone was observed in the vicinity of the deposit but the easternmost iron outcrop exhibits relic bedding.

The outcrops of iron ore consist of hard, dense, fine-grained iron minerals with little gangue material. The mineralogical composition appears to be mainly hematite with some goethite or turgite and a small amount of magnetite. In hand specimens, the material is very weakly magnetic.

Four traverses with dip needle were made, the results of which are shown with geologic relationships on the attached map. It will be noted that the center of the magnetic anomaly is in an area covered by alluvium. The magnetic data appear to establish continuity of the mineralization between the iron outcrops at the eastern end and the pit at the northwest where it seems to be cut off by a transverse fault. The secondary anomaly at the left of the map maybe caused by a segment of the main deposit which has been displaced by faulting. Iron float was found several hundred feet up a slope to the south of the shaft where it disappears under volcanic capping. Time did not permit extension of dip needle traverses to this area.

Four samples were taken with assay results as follows:

No. 2471	Otc. Low Grade Iron, East End,	54.8% Fe,	0.08% S
2472	Grab of Iron on Shaft Dump,	58.4% Fe,	0.08% S
2473	Hard Iron Otcs., 25', Shaft to Gulch,	62.4% Fe,	0.13% S
2474	Soft Iron & Gouge, 8', Pit, West End,	55.1% Fe,	0.08% S

CONCLUSIONS & RECOMMENDATIONS.

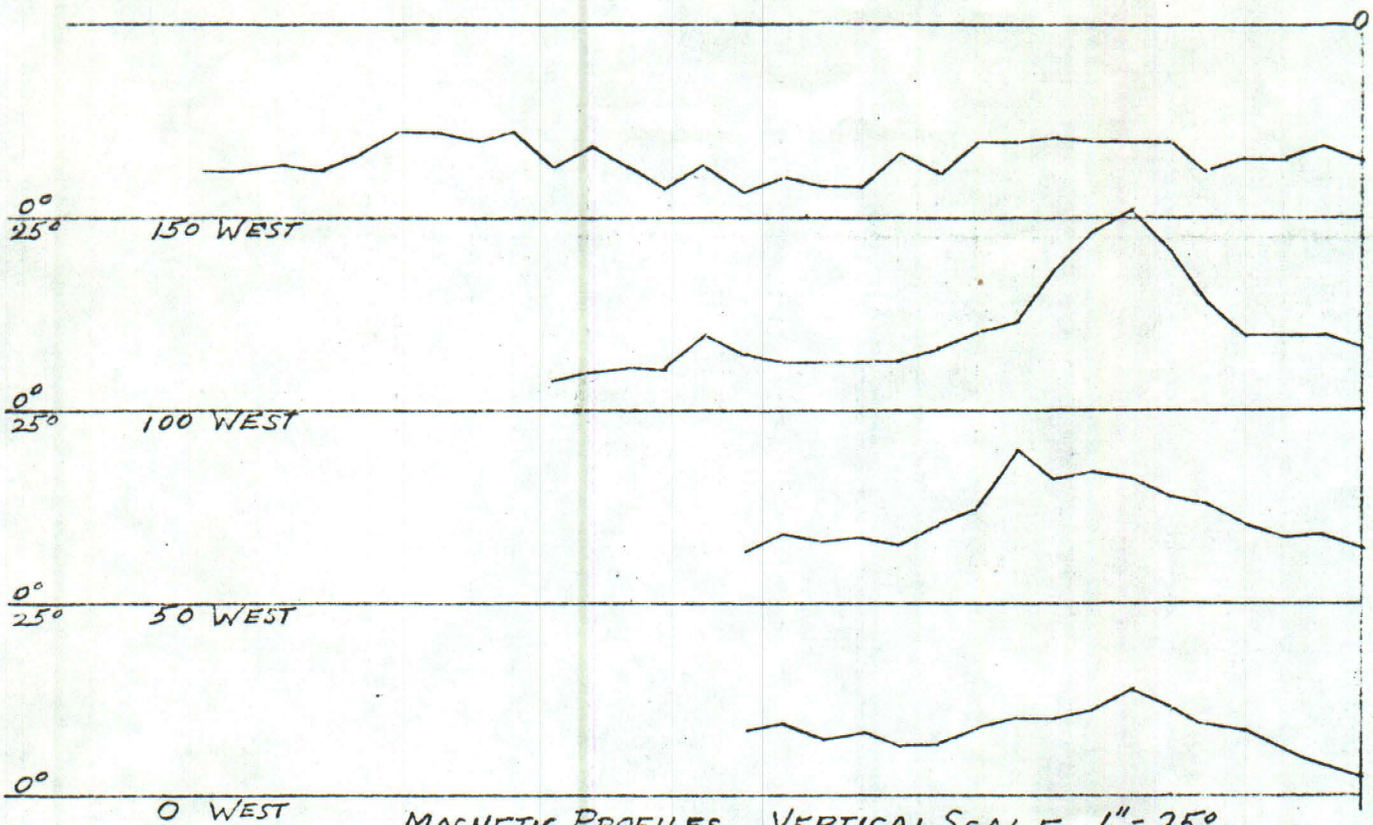
Outcrops of hard, high grade, weakly magnetic iron ore occur on the Centipede claim. They are accompanied by a relatively large magnetic anomaly. The location is at a moderate distance from a railroad shipping point and the topography is reasonably favorable to open pit mining. Unless sulphur content should preclude use of the ore in the domestic market, the hardness and high iron grade indicated by the outcrops (sample No. 2473) suggest that some ore of open hearth quality may be obtained.

On the negative side, the absence of a prominent limestone-granitic contact indicates that the mineralization may occur in a small pendant which was completely engulfed by the granitic intrusion.

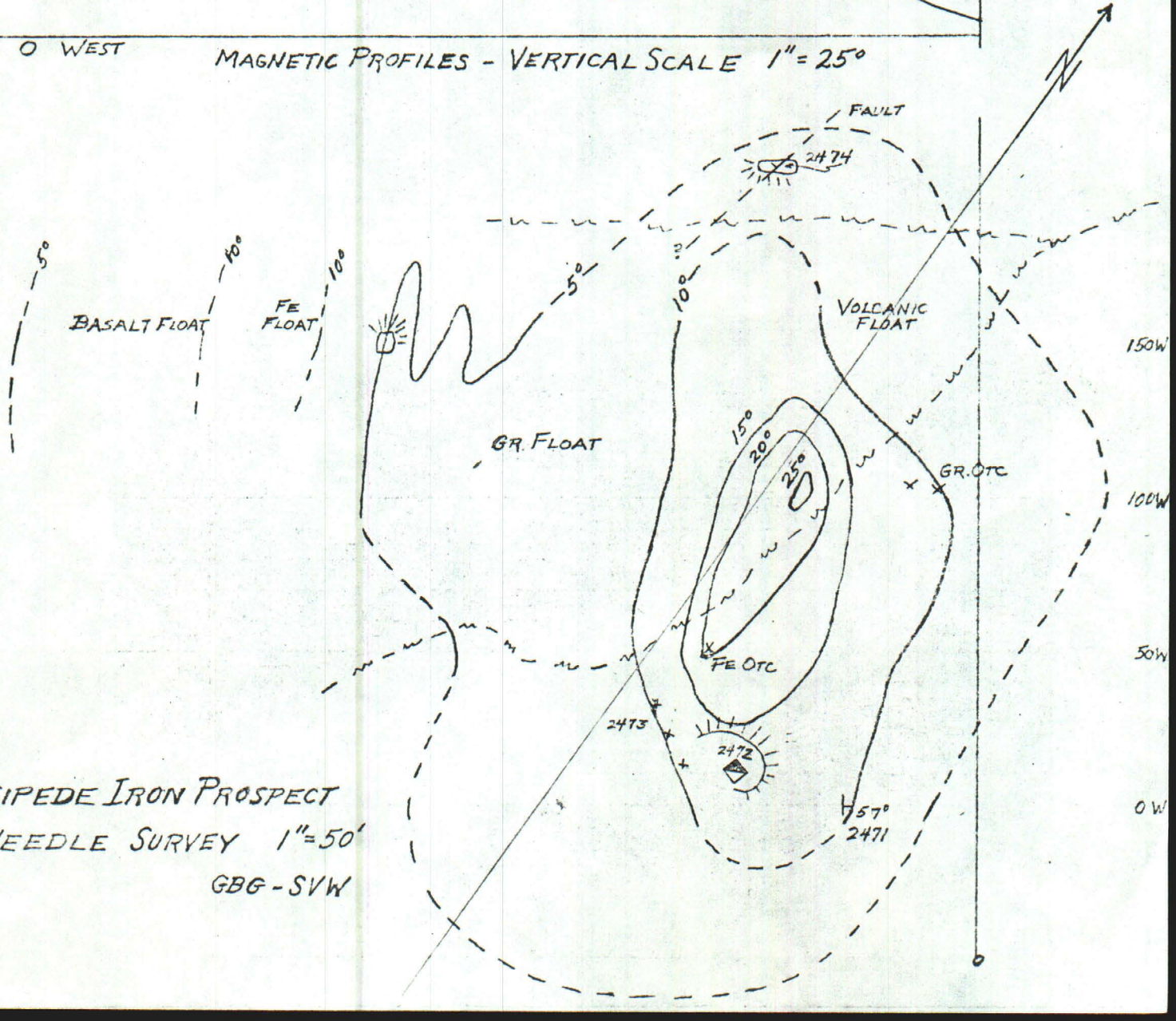
This prospect is considered to merit some exploratory work. Rather than expend money in drilling as an initial step, it is believed that more would be accomplished, at less expense and a better idea of the grade of the ore would be obtained by stripping and excavation. The work referred to could be done by a crew of 2 men with Tracto-Shovel and compressor in an estimated time of 2 weeks.

It is recommended that this prospect be examined by Mr. Stephenson.

GBG:b



MAGNETIC PROFILES - VERTICAL SCALE 1" = 25°



CENTIPEDE IRON PROSPECT

DIP NEEDLE SURVEY 1" = 50'

9/58 GBG - SVW

2W 1W 0 1E 2E

250N

200N

150N

100N

50N

0

50S

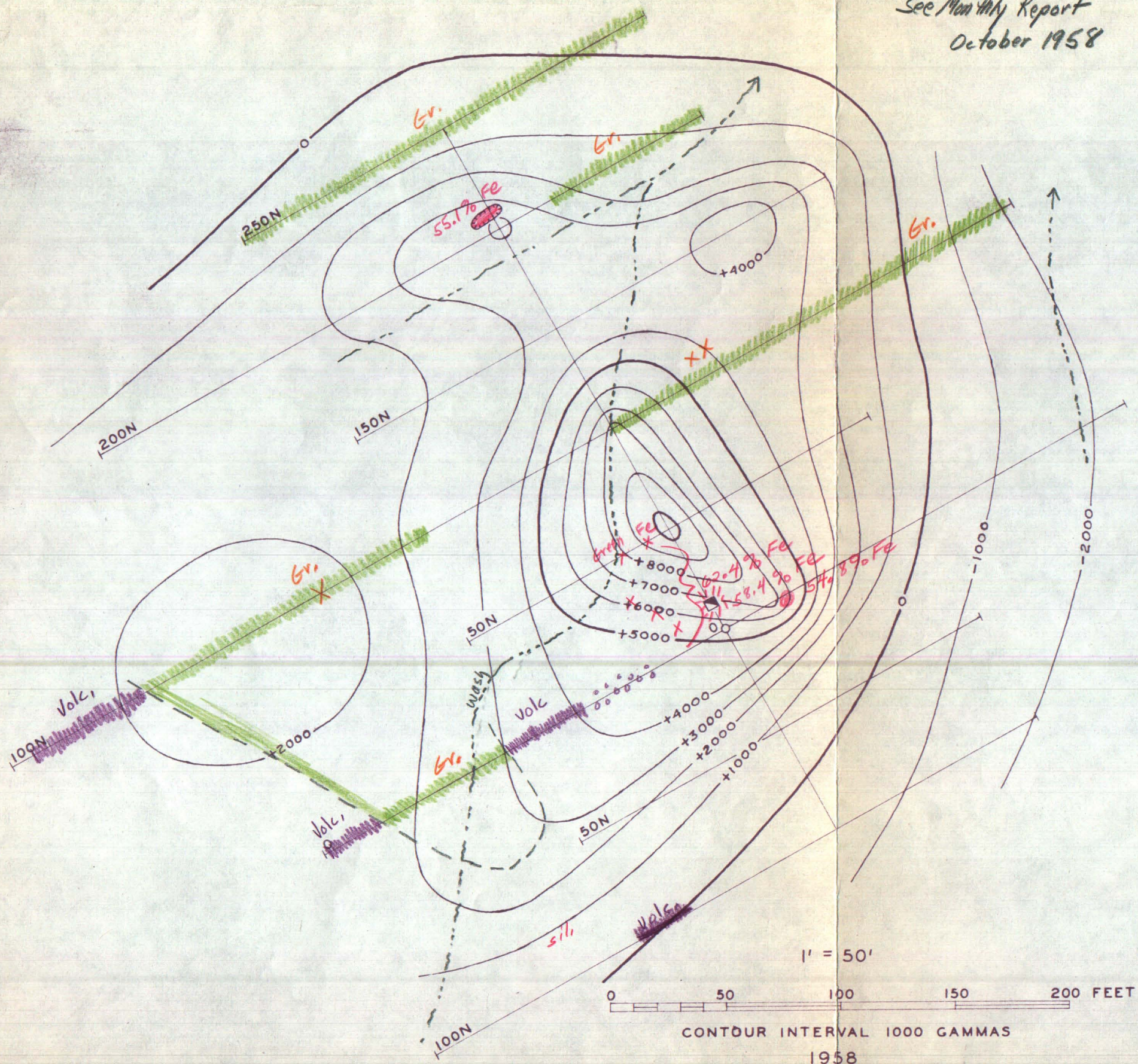
100S

NV-55C-CP
CENTIPEDE IRON
1" = 100'
1" = 100 S.D. (4000 δ)
E.L.S. & G.B.G. 10-11-58

KEUFFEL & ESSER CO. N.Y.

THE STANDARD SLAG COMPANY

See Monthly Report
October 1958



SURVEY BY E. L. STEPHENSON & G. B. GAYLORD

E.L.S. 10-58

MAGNETIC MAP OF THE CENTIPEDE IRON DEPOSIT, MINERAL COUNTY, NEVADA