



REPORT  
ON  
LEGARDE - ANDRE' IRON PROSPECT  
in the vicinity  
of  
PUCASWA RIVER  
DIST. OF THUNDER BAY

DATE OF VISIT: An examination of this iron prospect was made by the writer on July 7th, 1913. Pete Legarde and Geo. Andre, the discoverer, acted as guides.

LOCATION: To reach the showing it is necessary to travel along the Lake Superior shore till a shack, about midway between Red Sucker Cove and the mouth of the Julia River, is reached. From this point a trail is followed north. The trail leads to "Conklin's Camp" on the Knapp claims, some 5 miles inland.

The Legarde-Andre prospect is about 2½ miles from the lake and may be reached by a walk of about 45 minutes duration.

The prospect likely lies in (Sec. I Con II the unsurveyed territory just east) of the Twp. of Homer, in the Dist. of Thunder Bay. It is probably just about south west of Loon Lake in the Knapp Claims.

TITLE: This is an unstaked prospect on Crown Lands. ?

OWNERS: Geo. Andre claims to be the discoverer. He and Pete Legarde and others are now interested in the find.

TOPOGRAPHY: The country in this vicinity rises at an easy and uniform grade from Lake Superior. The prospect is located along the first high hill seen along the trail.

GEOLOGY: The only rocks seen in the walk from the lake shore to the prospect were Greenstone, volcanic agglomerate, schist, and iron formation, all of Keewatin age.

DESCRIPTION OF EXPOSURE OF IRON FORMATION: The exposure of iron formation on which a few days' work has been done, lies to one side of a ravine, enclosed by steep walls. The walls of the ravine are a volcanic agglomerate. They are only 125' apart at the point under consideration.

The strike of the ravine is a few degrees east of north, and the apparent strike of the iron formation is about at right angles to this.

The work done consists of three trenches aggregating about 60' in length, and a few pits reaching to iron formation in place. The area covered by this work is about 40' x 60'.

Outcrops of volcanic agglomerate 25' to the north, and 20' to the east show the probable limits of the deposit in those directions. To the west it is 75' to the west ravine wall of volcanic agglomerate. To the south the hillside shows deep glacial drift, which in places contains angular fragments of banded iron formation.

The iron formation, shown up is of the siliceous banded variety common in this district, and quite similar to that showing on the "Big Dave", and the Con. Knapp claims lying a couple of miles to the north. The Silica is fine granular, and appears in white, light and dark grey, and black bands. With this is inter-banded fine granular Magnetite. No bands of clean Magnetite over 3/4 of an inch in width were seen. Where the Magnetite is interbanded with black or dark grey silica the banding is not so apparent.

Occasional specimens of lean Magnetite free from banding may be picked up, the Magnetite having fine grained black silica

grains mixed with it.

While individual specimens of ore running between 45% and 50% in iron might be picked up, it is certain average samples would run around 35% in iron and from 45% to 55% in Silica.

Iron Pyrites shows rather plentifully both in bands parallel to the other constituents and as sheets in secondary fractures.

TIMBER: The timber is chiefly white birch, spruce and balsam of good size, but the locality is rather sparsely timbered. Soft maple, and alder underbrush are plentiful.

RECOMMENDATIONS: Messrs Legarde and Andre were advised the prospect did not merit staking.

"L L Bolton"

Helen Mine  
July 8/13

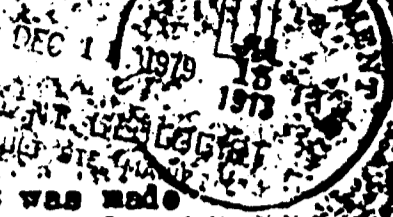
REPORT

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The Legarde-Andre prospect is about 2 1/2 miles from the lake and may be reached by a walk of about 45 minutes duration.

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THE OFFICE OF THE RESIDENT  
GEOLOGIST, ONT. DEPT. OF MINES

SAULT STE. MARIE, ONT. SSM 2028

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Holcom Mine  
July 8/13