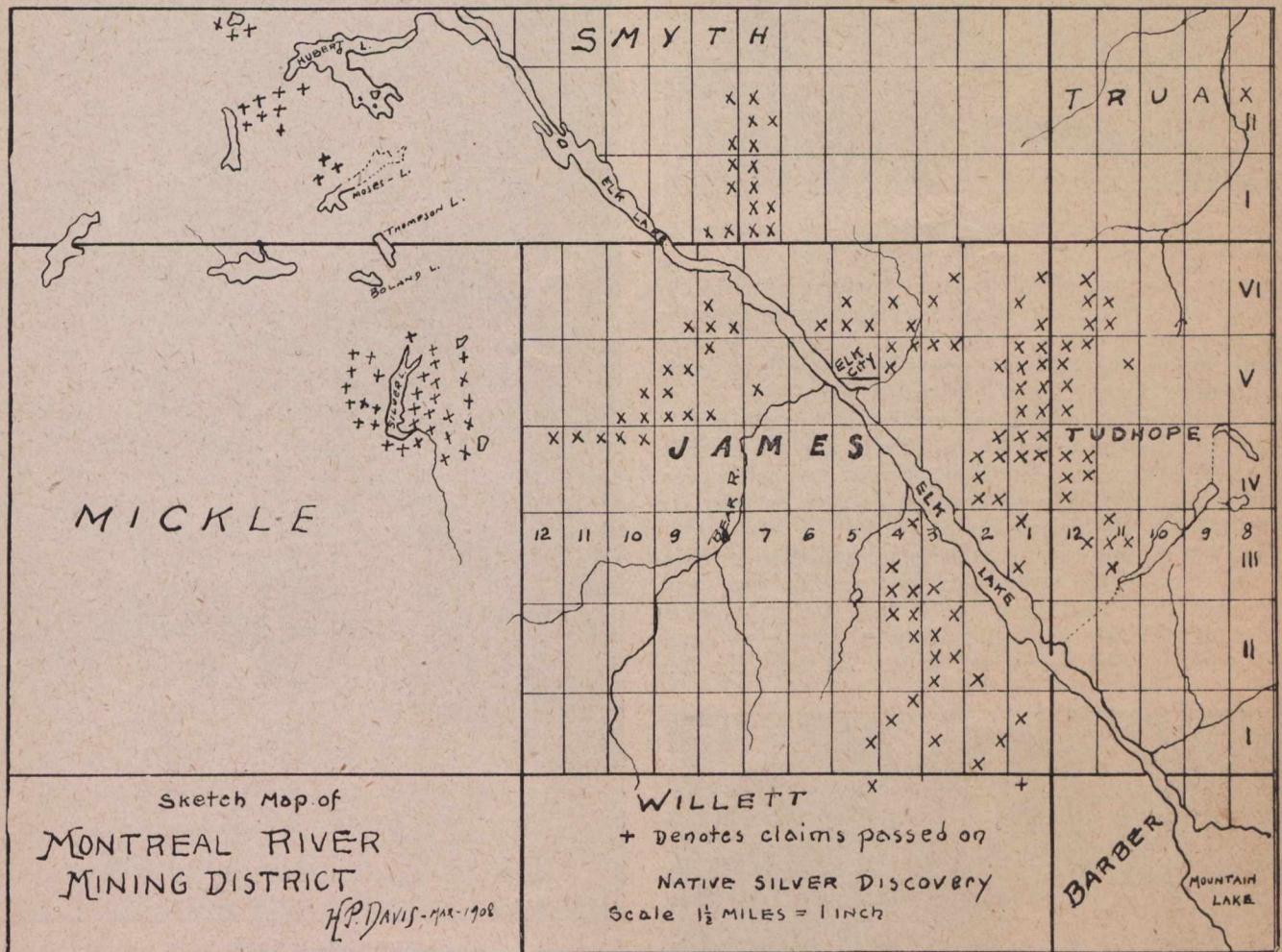


specular iron often carrying small amounts of silver and in some instances showing native silver. In the narrow diabase tongue in lots 7 and 8 in Smyth rich veins have been located. Out of the sixteen claims in lot 7 concessions I and II all are passed, and nine have native silver finds. In lot 3, concession VI, James, on one of the seven claims of the Montreal River International Mines passed on native silver discovery, a vein of calcite uncovered for over four hundred feet exists in the contact between the conglomerate and diabase which is 14 inches wide, and carries smaltite, niccolite, and a little silver. In lot 7, concession I, Smyth, on another claim belonging to this company a vein 18 inches in width with a barite gangue has a streak of calcite 3 inches wide containing smaltite and native silver along the hanging

claims in this section all have native silver in calcite or aplite veins, which also generally carry a large percentage of chalcopryrite. On the Gates claim in lot 8, concession VI, James, nuggets of silver weighing over fifty pounds have been taken out, while the values are reported to have pinched out in this vein at the depth of fifteen feet, the loss of values in a narrow vein of calcite in the one test pit sunk is not by any means to be taken as a fair test. From the surface indications it would seem that this property has a good chance of proving valuable. South of Gates in lot 8, concession V, on one of the Downey claims is a four inch vein of calcite and silver which compares favorably with the veins in Cobalt. Active work will begin on this claim in the spring. Sixteen claims in this vicinity have native silver showings.



wall. Native silver also occurs in the barite but is more generally distributed in the calcite. A shaft has been sunk on this vein to the depth of fifty feet, and drifting at this level showed the vein equally strong as at the surface. The barite at this depth is largely replaced by calcite.

On the property of the Moose Horn mines north of Elk City in James township a number of rich narrow veins carrying high silver values are being developed. In the northeast corner of James township, on the Meyer and Ellis claims, are some promising veins of aplite. Native silver has been found in four leads in this group one of which is eighteen inches to two feet wide and has been uncovered for four hundred feet. The Munroe and Mitchell, the Harbeck, and the Bradshaw and McVittie

On a large percentage of the claims in the diabase area in the vicinity of Silver Lake, native silver has been found. Four out of five of the claims belonging to the Clinton and Steindler Syndicate have one or more veins showing native silver, and the fifth a galena vein eighteen inches to two feet wide which runs 37 1-2 per cent. lead with a little silver.

A vein which showed cobalt bloom and decomposed calcite on the surface, turned to rock calcite, smaltite and silver in a few feet. Specimens from this vein are difficult to distinguish from the typical high grade ore from Coleman township. Otisse Brothers have three high grade silver veins on a lot west of the lake adjoining Clinton and Steindler, one of 4 inches in width which carries high values. These discoveries were all made