

	PAGE
Description of individual claims	
Gold-quartz claims	66
Prince Albert group	66
Freetown claim	66
Kent claim	67
Graham claims	67
Waverley claim	68
Nagle claims	68
Wolverine claims	68
Hassett claim	68
Island Lake claim	69
Sulphide claims	69
Flinflon Lake claims	69
Mandy mine	69
Dion claim	72
Sunbeam group	77
Chica claim	77
Bailey Durand group	77
Pyrrhotite claims east of Ross lake	77
Claims on Webb creek, north of Elbow lake	78
Claims near Brunne lake	78
Index	85

Map 1726. Athapapuskow Lake region.

Illustrations.

	Saskatchewan and Manitoba	
Plate	I. Banded ore from Mandy mine	In pocket.
	II. Undercut dolomite cliffs, south shore of Amisk lake	Frontispiece.
	III. A. Pyroclastic rocks of Amisk series, east shore of north arm, Athapapuskow lake	79
	B. Jointing in lavas of Amisk group, east shore of north arm, Athapapuskow lake	80
	IV. A. Jointing in greenstone, island southeast of Missi island, Amisk lake	80
	B. Contorted slates of lower Missi formation, west shore of Amisk lake	81
	V. Contorted conglomerate, Graham claims, north of Amisk lake	81
	VI. A. Joint crack in dolomite, lake Athapapuskow	82
	B. Open-cut at Mandy mine, 1917	83
	VII. A. Weathered surface of sulphide-impregnated rock, Phantom lake	83
	B. Microphotograph of polished surface of ore from the Mandy mine, magnified 185 diameters. White areas are pyrite; light grey, chalcopyrite; dark grey, sphalerite; black, included country rock	84
Figure	1. Plan of the Flinflon sulphide deposit	84
	2. Plan of the Mandy sulphide deposit	70
	3. Diagram of a drag fold in banded rocks	73
	4. Diagram to show the possible mineralization of a fold of the form shown in Figure 3 to produce an ore-body similar to that at the Mandy mine	74
		75