

1 Name of Deposit	2 Labrador (L) Quebec (Q)	3 Status *1	4 Tonnage *2	5 Ore Types *3				6 Metallurgical Types *3			7 Types of Leached and Oxidized Iron-Formation *3				8 Shape of Deposit	9 Nature of Deposit (relative to stratigraphy)	10 Structure		11 Type of Ore Bottom	12 Surface Topography	13 Overburden *4	14 Elevations		15 Depths of Ores		16 Approximate Surface Dimensions (ft.)	17 Remarks
				Red	Yellow	Blue	Rubble	Bessemer	Non-Bessemer	Manganiferous	Ruth Slate	Silicate-carbonate	Lower Cherty Metallic	Upper Cherty Metallic			Upper I. F.	Folds				Faults	Surface of Ore *5	Bottom of Ore *6	Max. Depth *7		
Redmond 1 (Redmond Mine)	L	D	A	P	P	P		P			S	P	M		basin form elongated	generally concordant, discordant in part	broad, truncated syncline	complex N-W boundary, late N-E thrusting	grades into Ruth slate, truncated by faults in places	gentle slope	M	2260	1670	600	300	3300 x 500 - 1200	+200-ft. thick lens of multicolour, fossiliferous (Cretaceous) clays on top of ore
Redmond 2	L	D	C	P	P												syncline, truncated	present		flat ground	S	2050 (av)	-1850	+200	125	1100 x 700	limited information
Houston 1	L	E	C			P									long, thin, N-W trending in plan		homocline	present	believed to grade out at depth	low ridge	S	2070 (av)	-1920	+150	150	1000 x 300	limited information
Wishart 1 (Wishart Mine)	L	M	B			P		P	S			P	P	S	broad synclinal form in transverse section, elongate but irregular in plan	generally concordant, discordant down plunge and partly along sides	broad rolling syncline, plunges to S-E	steep, N-W, reverse, present but not important	bottoms on top of Ruth slate to N-W, grades out down plunge	broad, gentle valley	S	2260 (max)	1880	380	200	2300 x 800	non-Bessemer ore forms crude envelope around bottom of Bessemer ore
Wishart 2	L	D	C			P		P	S			S	P	S	long, thin, N-W trending in plan	concordant on sides, discordant down dip	broad open syncline	not important	grades out into I. F.	east slope of low valley	M	2320 (av)	approx 2060	260	110	3000 x 150	ore lies on west limb of syncline
Ruth Lake 8	L	D	C			P		P	P	M				P	several oval patches in plan		syncline truncated	steep, E-dip, on W border	generally structural, gradational	flat ground	S	2270 (av)	approx 2075	195	100	2 pods, 500 x 300	
Ruth Lake Extension	L	D	B			P		P					S	P	long, thin, N-W trending in plan	largely discordant	faulted homocline	present	grades out, some pinches to E on fault	steep slope	S	2030 (av)	-1775	+255	150	4000 x 100 - 400	I. F. dips 70° or steeper to N-E
Knob Lake 1	L	D	B			P			S	P	M	P	P		thin, hook-shaped lens in plan	concordant	synclinal drag-fold		bottoms structurally on Ruth slate	low hill	M	1940 (av)	-1640	+300	200	1800 x 100 - 200	
Ruth Lake 1 (Gill Mine)	L	M	B			P		P	P	M	M	M	M	P	long, thin, generally tabular, synclinal to N-W	generally concordant	rolling homocline, synclinal to N-W	steep dip, cross and strike	grades out at depth, in syncline on N-W end	steep slope	S	+2200 (max)	-1600	+600	250	5000 x 100 - 200	ore bottoms at approx. 1800' elev. at ends, extends deeper in centre
Ruth Lake 7 (Rowe Mine)	L	D	C	P	P			P	S	M		M	P	P	irregular in plan	generally concordant	homocline, may be synclinal	present	bottoms structurally on Ruth slate	gentle slope	M	2350 (max)	2000	350	100	zone totals 2000 ft. long	ore occurs in fault blocks
Ruth Lake 5 (Ruth Mine)	L	M	B	P	P		S	M	P	P		P	P		long narrow in plan, bowl-shaped in transverse section	concordant	broad syncline, plunges N-W, east limb cut off by fault	numerous, steep N-E dipping	bottoms structurally on Ruth slate	hill slope	D	2200 (av)	-1500	+700	130	av. 450 ft. wide	divided into two parts by cross-fold
Ruth Lake 3 (Ruth Mine)	L	M	A	P	P		S	M	P	S	M	P	S		elongated, bowl-shaped in transverse section	concordant	syncline, canoe-shaped in S-E part	present in N-W part, few in S-E	bottoms structurally on Ruth slate	low hill	X	2200 (av)	-1475 (N) 1780 (S)	+725 (N) 480 (S)	270	2000 x 500 - 700	deep, sack-shaped pockets of rubble ore, fossiliferous, many rock types in rubble
Ferriman 1 (Ferriman Mine)	Q	M	A	P	P		M	S	P	M		P	P		crude "H" in plan, tabular, steep N-E dipping pods	discordant but generally follows trends of I. F.	homocline	numerous, steep to moderate dips	grades into lean I. F.	high, gently rolling ground	M	2550 (max)	2025	525	300	10,000 (total) x 200 (av)	
Burnt Creek 5 (Burnt Cr. Mine)	Q	M	B	P	P		S	S	P	M	M	P	P	M	elongate, truncated bowl-shaped in section	concordant	syncline, E limb faulted off	steep, N-E dipping strike fault	bottoms structurally within Ruth slate, cut-off on fault	flat ground	D	2180 (av)	1660	520	370	3000 x 300	this orebody is the N-W extension of Ruth 5 - same deposit
Burnt Creek 6	Q	M		P	P	S	S	S	P	M	S	P	P	P	circular in plan, bowl-shaped, tail extending S-E	concordant	syncline with drag-folds	steep, dip N-E cuts E limb of syncline	bottoms structurally with Ruth slate, cut-off on fault	broad, shallow valley	M	2125 (max)	-1500	+625	300	700 - 800 diameter	three bodies are separated by major thrust faults and zones of quartzite and slate. Boundary faults on N and S ends. Pockets of waste material within ores. Irregular distribution of metallurgical types. Ore developed in all types of I. F. and top of Ruth slate
Burnt Creek 1	Q	M	A	P	P	S		S	P	M		S	P	P	elongate, roughly tabular, may be synclinal at depth	generally concordant, discordant in part on hanging-wall	rolling homocline, dips 45-50°	steep, N-E dip thrust faults, cross-faults on N and S	bottoms generally on Ruth slate, may grade out at depth	low hill	M	2150 (max)	-1600	+550	300	1000 x 400	
Burnt Creek 3	Q	M		P	P			N	P	P	M	P	P	P	oval in plan, roughly bowl-shaped in section, tail extending S-E	concordant on foot-wall, discordant on bottom and hanging-wall	drag-folded homocline	steep, N-E dip thrust faults	bottoms on Ruth slate grades out in tongues down-dip	low, gentle hill	M	2135 (max)	1700	435	300	1300 x 500	
Ferriman 3 (Gagnon A)	Q	M		P	P		M	P	S	M				P	elongate, irregular in plan, tabular in section	generally concordant but sinuous across stratigraphy	undulating homocline	present	bottoms near base of U. M. I. F. on foot-wall extends to depth	steep slope	D	+2250 (max)	-1600	+650	350	3500 x 200 - 500	
Ferriman 5N (Gagnon B)	Q	M	A	P	P			M	P		S	P			tabular in plan, bowl-shaped in section	roughly concordant	shallow syncline		bottoms structurally within Ruth slate	gentle slope	D	2220 (max)	2060	166	120	2500 x 250 - 300	
Ferriman 5S (Gagnon C)	Q	M		P	P		M	S	P	M	S	P	M	M	long, narrow in plan, several tongues in section	largely discordant	drag-folded homocline, fold plunges S-E	none observed	grades into protore down-dip in tongues	gentle slope	D	2250 (max)	1800	450	200	5000 x 250	drag-fold crest rises to surface and splits deposit at N-W end
Denault 1	Q	D	C			P									crudely oval in plan		rolling homocline			low hill	S	1930 (av)	1605	325	200	1000 x 350	limited information
Ferriman 4	Q	D	A	P				P	M	S	P	P	P		long, narrow in plan, asymmetrical, bowl-shaped in section	generally concordant	tight syncline		believed to bottom on quartzite, partly within Ruth slate	wide valley	D	2100 (av)	-1630	470	300	4000 x 200 - 500	
Star Creek 2	Q	D	C	P	P							S	P		long, narrow in plan, tabular section		homocline dips 30-45°	steep thrust forms hanging-wall		slope on low hill	M	2100 (av)	1850	250	100	3500 (total) x 50 - 150	
Star Creek 1	Q	D	C	P	P			S	P		P	P	P		elongate, roughly oval in plan			numerous		low hill	M	2070 (av)	1870	200	110	2000 x 50 - 300	ore occurs in fault blocks
Fleming 3	Q	D	C			P									narrow, lens-shaped in plan		homocline			low hillside	M	2600 (av)	-2360	+240	150	1800 x 50 - 200	limited information
Fleming 5	Q	D	A	P	P										long, oval in plan		syncline		structural (?)	broad valley	D	2250 (av)	1720	530	330	3000 x 500	limited information
Fleming 8	Q	D	B	P	P										long thin band in plan, also small separate pods		homocline	present		shallow valley	M	2150 (av)	-1675	+475	200	8000 (total) x 200 (av)	limited information
Fleming 6	Q	D	B	P											long, narrow band in plan		tight syncline			shallow valley	D	2100 (av)	-1800	+300	150	4200 x 100 (av)	limited information
Fleming 1	L	D	A			P									long, narrow in plan		monocline, synclinal in centre	steep thrust cuts east side		flat upland	M	2500 (av)	-2200	+300	250	5200 x 200 - 300	limited information
Fleming 2	Q-L	E	B	P	P									P	two elongated lenses in plan		synclinal, low dips	complex		flat upland	D	2650 (av)	2500	150	150	2 zones, 1200 x 200 each	limited information
Elross 1	L	E	B			P									long, narrow in plan		complex syncline		appears to be structural	flat ground	S	2550 (av)	-2410	+140	120	3400 x 200	limited information
Squaw Woollett	Q	E	C	P	P										long, narrow in plan		homocline			low hill	M	1870 (av)	-1670	+200	120		limited information
Barney 1	Q	E	B			P		S	P	M				P	elongate, irregular in plan, skewed bowl-shaped in section	generally concordant	complex syncline, skewed to N-E		generally structural, bottoms in I. F.	low hillside	M	2390 (max)	2090	300	180	4000 x 200 - 500	lenses of lean I. F. within ore material. Deposit not well known
Kivivic 4	L	E	B			P									long, narrow in plan		syncline, not well defined	present		flat upland	M	2875 (av)	-2655	+220	100	4000 x 100 - 400	limited information
Kivivic 3	Q-L	E	C			P									elongate in plan		believed synclinal	present		flat upland	D	2830 (av)	-2515	+315	100	2600 x 200	limited information
Sunny 1	Q	E	B			P									2 oval pockets in plan		complex basin			flat upland	M	2880 (av)	2555	325	150		limited information
Kivivic 1	L	E	B			P									belt of 3 elongated zones in plan		synclinal, dips 45°	present		valley slope	M	2630 (av)	-2380	+250	140	6000 (total) x 100 - 300	limited information
Kivivic 5	L	E	C			P		S	P		S	S	P	P	long, narrow in plan		plunging syncline	truncates syncline on west		shallow valley	M	2680 (av)	-2405	+275	150	1200 x 150	bands of lean material in ore limited information
Kivivic 2	L	E	B			P									irregular, roughly equidimensional in plan		series of synclinal drag-folds	thrust on west side		hillside	S	2825 (av)	2580	245	150	1200 x 900	limited information
Sunny 3	Q	E	C			P									belt of several bands in plan		syncline			flat upland	S	2820 (av)	2595	225	140		limited information
Goodwood 1	Q	E	A	P	P			P		M					crudely oval in plan, flat, undulating layer in section	generally concordant	shallow, undulating syncline	not important	generally structural	gentle slope	M	2780 (max)	2350	430	250	3000 x 700 - 200	lenses of lean I. F. in ore
Trough 1	Q	E	C	P											long, narrow in plan		syncline			hillside	S	1970 (av)	-1800	+170	125		limited information
Leroy 1	Q	E	C	P	P										elongated, irregular in plan		syncline	present		hill slope	M	2600 (av)	2330	270	180		limited information
Partington 2	Q	E	C			P									long, narrow in plan		complex syncline			flat ground	S	2240 (av)	2135	105	75		limited information
Eclipse 1	Q	E	A	M	M												homocline	present		steep slope	M	2700 (av)	-2440	+260	250		

*1. M - Operating mine
D - Well known
E - Little known

*2. (before mining)
A - 15 - 45 M long tons
B - 5 - 15 M long tons
C - 1 - 5 M long tons

*3. P - Dominant type 50%
S - Secondary importance 30%
M - Minor importance 5%

*4. S - 5'
M - 5 - 15'
D - 15 - 35'

*5. From Knob Lake datum, which is 238' above geodetic datum
*6. Minus indicates that age extends below depth given
*7. Difference in values from col. 14

TABLE VI. SUMMARY DESCRIPTION OF DEPOSITS IN KNOB LAKE-SUNNY LAKE ORE ZONE, QUEBEC AND NEWFOUNDLAND.

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