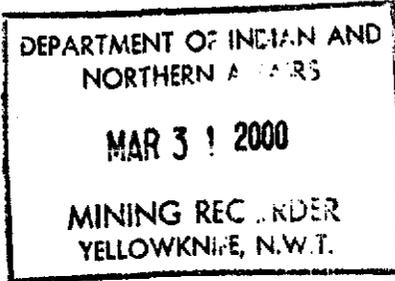


084275



WMC INTERNATIONAL LTD.

McCONNELL RIVER AREA

PROSPECTING PERMITS 2258 - 2259

EXPLORATION REPORT

1 FEBRUARY 1999 - 31 JANUARY 2000

NTS SHEET 65H/1

This report has been examined and
approved as to technical worth
under Section 31 and Section 6
& 7 of Schedule II of the Canada
Mining Regulations and valued in
the amount of \$ 8,335.70

Date 31 MAY 2000 Chief Jam Ship

A. J. KELLY
MARCH 2000

Summary

During the summer of 1999, WMC International Limited (WMC) conducted a programme of reconnaissance mapping, prospecting, till sampling over two prospecting permits in the McConnell River area, Nunavut. The results of this programme are very encouraging and may necessitate follow-up work. The presence of coherent modified and pristine gold grain anomalies and the lack of outcrop indicates that there is potential for gold mineralisation to be discovered further up ice, in a WNW direction. Also, there has been little recent and/or relevant exploration in the immediate area which makes this area attractive.

Introduction

In 1999, WMC was granted eight prospecting permits west and northwest of Arviat. Work was conducted over two of these permits during the summer of 1999 and consisted of mapping, prospecting, till sampling. The results of that work are reported here.

Location and Access

The McConnell River prospect is located on the river of the same name approximately 90km west of the hamlet of Arviat. The prospect covers five 1:50,000 sheets (55D/13,55E/3, 55E/4, 65A/16 and 65H/1) and spans UTM zones 14 and 15.

Land Status

This report covers two prospecting permits in the McConnell River area (Figure 1):

<u>Permit #</u>	<u>NTS</u>	<u>Quad</u>	<u>Size</u>
2258	65H/1	NW	46,377 acres
2259	65H/1	SW	46,377 acres

Regional Geology

Outcrop is quite limited in this area. Most geological interpretation has been carried out from regional aeromagnetic data. East of the prospecting permits two highly magnetic units are interpreted to be iron formation. The fact that an "Algoma -type" banded iron formation is known in this area lends weight to this interpretation, but neither of these units outcrop.

Within the area of the three prospecting permits a major NE trending structure is seen which separates higher amplitude magnetic units to the north west, which are probably gneissic, from units interpreted to be mafic volcanic and/or metasedimentary rocks to the south east.

Quaternary Geology

The surficial geology is characterised by well defined alternating drumlins and linear lakes on the western and eastern edges of the project area and a zone of swampy, randomly oriented lakes in the middle. The last ice direction in the area is approximately west to east but, several kilometres to the north east, evidence is seen for an earlier direction, roughly towards 130°.

Previous Exploration

Previous exploration in the vicinity was carried out as early as the late 1950's when Northgate Exploration explored for iron on the "Tara" claims in the north east quadrant of 65H-1 (Young, 1959). These claims were staked over an arcuate magnetic anomaly which was drilled in 1959 (the drill rig still remains there to this day). The anomaly was found to be oxide iron formation with only minor sulphide content. It was drill tested again by Aquitaine in 1977 and returned no significant gold values but 0.28 oz/t Ag from a 23 ft interval of pyrite rich lean iron formation.

Newmont, in 1958 drilled 11 holes in the main boomerang shaped iron formation on 55E-4 within their "Ice" claims. The holes intersected up to 380 ft of oxide facies iron formation interbedded with greywacke or quartzite and only trace quantities of pyrite. No assays except for iron were carried out, but brecciation and white quartz stringers were noted.

In 1977, Aquitaine drilled several diamond drillholes in the area. These tested targets generated from airborne EM surveys. The 10 holes drilled in the immediate vicinity mostly intersected felsic volcanic/volcanoclastic rocks and/or greywacke/argillite. Holes CC-4 and O150 also intersected amphibolite with some carbonate veining. These holes are located north of the current RVT claim group and south of an east-west trending iron formation. Samples were only assayed for Ag, Cu and Zn.

Since then, the only work carried out in this area has been the limited till sampling programme by the DIAND district geologist in summer 1998 as previously mentioned. This was the subject of a poster display at the NWT Geoscience Forum in November 1998 and highlighted the presence of relatively coarse, delicate gold grains over interpreted iron formations in the area.

1999 Field Programme

Geological Mapping and Prospecting

Due to the nature of the till sampling programme, only minor prospecting was carried out over the area of the three prospecting permits. Outcrop is quite limited except in the area of one of the fuel caches, at the point where the McConnell River flows out of Ray Lake. Samples taken from interesting looking boulders observed at till sample sites were analysed, but none returned significant values. Further work in the area should include detailed mapping and prospecting of all outcrops.

Geochemical Sampling

A total of 26 samples were taken at spacings of 2km as part of a regional programme. The 10kg sub-samples were sent to ODM for gold grain counts and the -63um sub-samples were sent to ITS Bondar Clegg for Au +34 elements by FAA and aqua-regia ICPAES (method "Au + 34"). Samples were taken from active frost boils with preference given to drumlins or flat plains. Swamps or boggy ground and eskers were avoided. Duplicate samples were taken every 20 samples and standards inserted every 50.

A description of the sample site was recorded at each location using till sampling cards which included general landforms; till colour and grain size; clast abundance and type; presence of shells etc.

The results of this sampling are quite encouraging. Several samples returned greater than 50 gold grains from 10kg of sample. Many of these grains are either "modified" or "pristine", as described by Overburden Drilling Management in Ottawa, implying proximity to source when compared with reshaped grains. The anomalous samples occur in clusters at the western edge of the survey area and hence are open towards the up-ice direction. According to ODM staff, only about 30% of samples taken during a first pass sampling programme will contain greater than 5 grains and need to be panned. Almost all samples in this survey exceeded this number and some by up to 15 times.

Coincident with these gold grain anomalies, or offset in an up-ice direction, are anomalous Au values in the -63um fraction as analysed at Bondar Clegg.

The combination of these two anomalies, at this stage of the programme are quite encouraging and are definitely worthy of follow-up.

Plots of total, modified and pristine gold grains; and -63um Au values are attached.

Conclusions and Recommendations

The results of the first pass sampling over the prospecting permits at McConnell River are very encouraging. The presence of coherent modified and pristine gold grain anomalies associated with -63um Au anomalism and the lack of outcrop indicates that there is potential for gold mineralisation to be discovered further up ice, in a WNW direction. There has been little recent and/or relevant exploration in the immediate area which also makes this area attractive.

It is recommended that the anomalous tills be followed up with sampling further to the west and northwest and that additional prospecting permits be applied for to cover the area of interest.

References

Young, W. L., 1959. Development Report on the Tara Claim Group of Northgate Exploration Ltd. Assessment report, Document No. 017024.

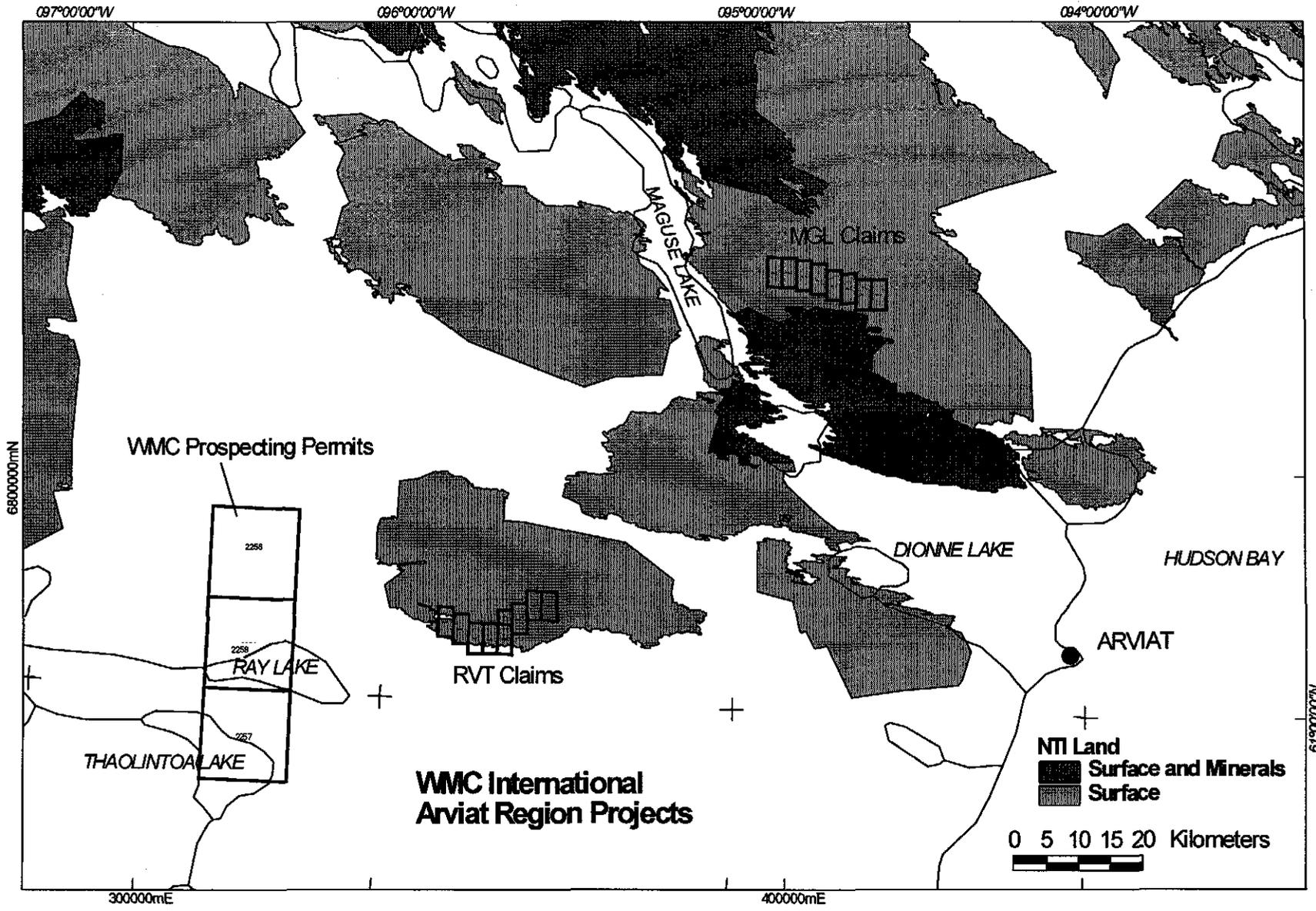


Figure 1. Location of the McConnell River prospecting permits, Nunavut, Canada.

096°30'00"W

096°00'00"W

6800000mN

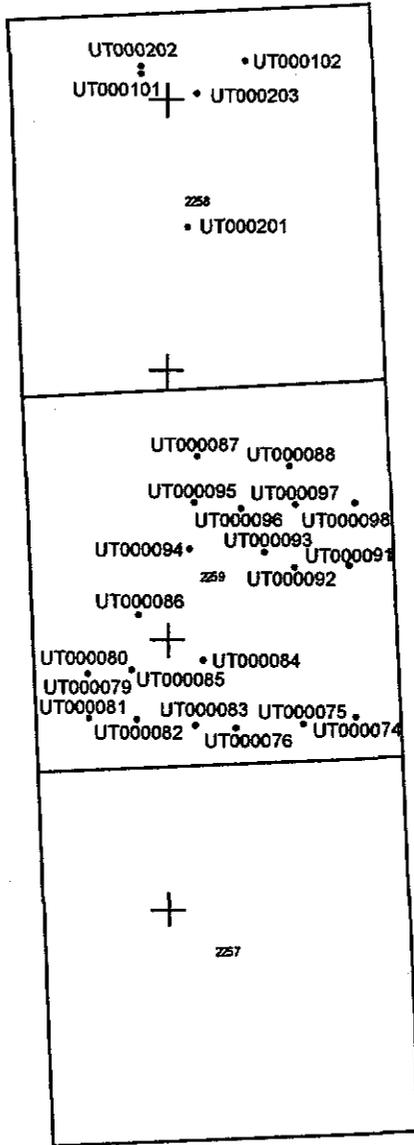
6790000mN

6780000mN

6770000mN

6760000mN

6750000mN



Legend

Permits_14.shp

Map Projection Details:
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 Spheroid: GRS 80; Description: UTM; Zone 14
 Central Meridian: -99; Prime Meridian: 0
 False Easting: 500000; Northing: 0
 Reference Latitude: 0; Scaling Factor: 1

2500 0 2500 5000 7500 m

Scale: 1:250000

660000mE

620000 E

630000mE

640000mE

650000mE



WMC International Limited
Exploration Division

Date: 24:Mar:2000

Author: Allan Kelly

Revised: < >

McConnell River Prospecting Permits

Till Sample Location

1999

Scale: 1:250000

Map Ref. < >

Figure No. < >

Plan No.

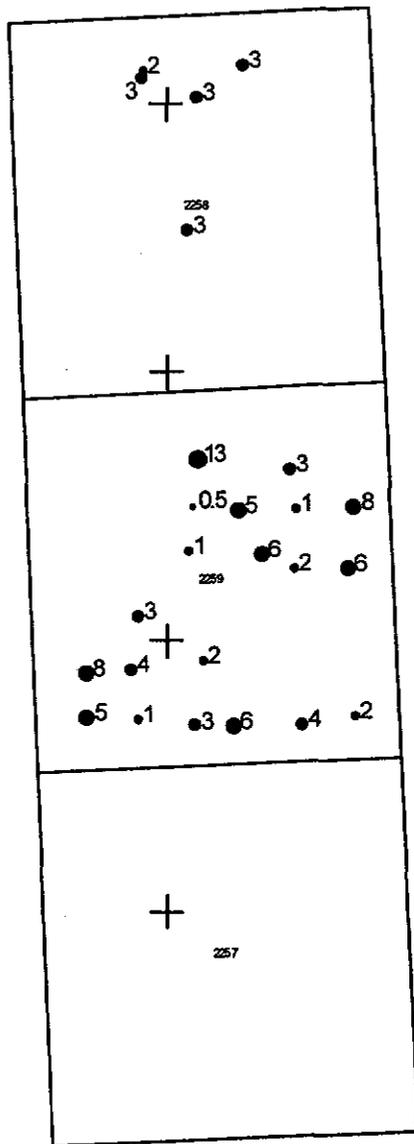
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N40000019

096°30'00"W

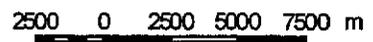
096°00'00"W

6800000mN
6790000mN
6780000mN
6770000mN
6760000mN
6750000mN



- Legend
- Au
 - -1
 - 0-2
 - 3-4
 - 5-8
 - 9-13
 - Permits_14.shp

Map Projection Details:
 Transverse Mercator Projection
 Spheroid: GRS 80; Description: UTM; Zone 14
 Central Meridian: -99; Prime Meridian: 0
 False Easting: 500000; Northing: 0
 Reference Latitude: 0; Scaling Factor: 1



Scale: 1:250000

 WMC International Limited Exploration Division	Date: 24:Mar:2000
	Author: Allan Kelly
	Revised:< >

620000 E 630000mE 640000mE 650000mE 660000mE

McConnell River Prospecting Permits

Au in -63um Tills

1999

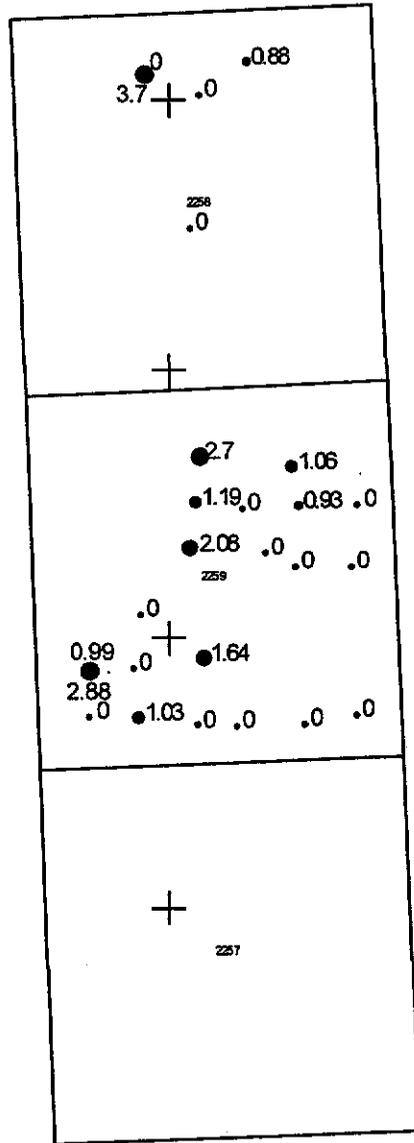
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Figure No.	< >
Plan No.	< >

M0000019

096°30'00"W

096°00'00"W

6800000mN
6790000mN
6780000mN
6770000mN
6760000mN
6750000mN



Legend

Pristine gold grains normalised to 10kg

- 0
- 0 - 0.99
- 0.99 - 1.19
- 1.19 - 2.08
- 2.08 - 3.7
- Permits_14.shp

Map Projection Details:
 Transverse Mercator Projection
 Spheroid: GRS 80; Description: UTM; Zone 14
 Central Meridian: -99; Prime Meridian: 0
 False Easting: 500000; Northing: 0
 Reference Latitude: 0; Scaling Factor: 1

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Scale: 1:250000

660000mE

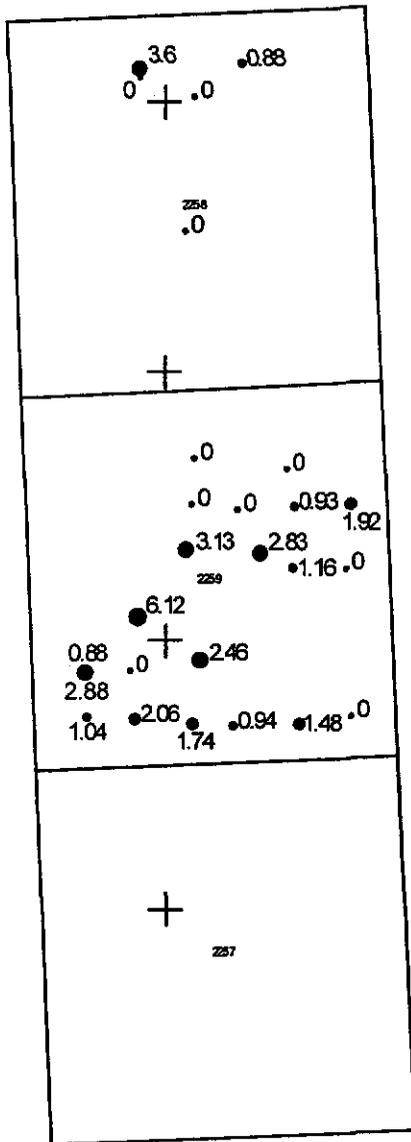
620000mE	630000mE	640000mE	650000mE	Scale: 1:250000
 WMC International Limited Exploration Division				Map Ref. < >
<h1>McConnell River Prospecting Permits</h1>				Figure No. < >
<h2>Pristine Gold Grains normalised to 10kg sample</h2>				Plan No. < >
<h3>1999</h3>				
Date: 24:Mar:2000 Author: Allan Kelly Revised: < >				

M000016

096°30'00"W

096°00'00"W

6800000mN
6790000mN
6780000mN
6770000mN
6760000mN
6750000mN



Legend

Map Projection Details:
 Transverse Mercator Projection
 Spheroid: GRS 80; Description: UTM; Zone 14
 Central Meridian: -99; Prime Meridian: 0
 False Easting: 500000; Northing: 0
 Reference Latitude: 0; Scaling Factor: 1

2500 0 2500 5000 7500 m

Scale: 1:250000

660000mE

620000mE	630000mE	640000mE	650000mE	Scale: 1:250000
				Map Ref. < >
McConnell River Prospecting Permits				Figure No. < >
Modified Gold Grains normalised to 10kg sample				Plan No. < >
1999				
Date: 24:Mar:2000				
Author: Allan Kelly				
Revised: < >				

096°30'00"W

096°00'00"W

6800000mN

6790000mN

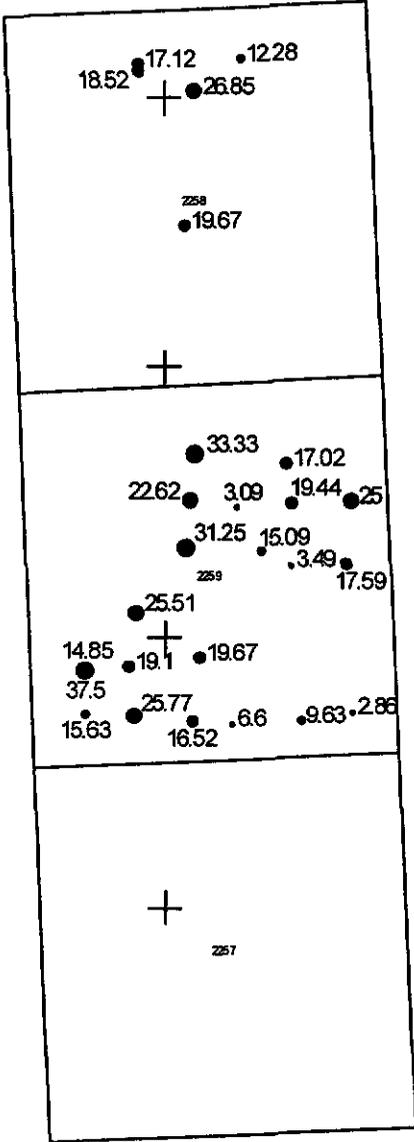
6780000mN

6770000mN

6760000mN

6750000mN

M000019



- Legend
- Total gold grains normalised to 10kg
- 2.86 - 6.6
 - 6.6 - 15.63
 - 15.63 - 19.67
 - 19.67 - 26.85
 - 26.85 - 37.5
 - Permits_14.shp

Map Projection Details:
 Transverse Mercator Projection
 Spheroid: GRS 80; Description: UTM; Zone 14
 Central Meridian: -99; Prime Meridian: 0
 False Easting: 500000; Northing: 0
 Reference Latitude: 0; Scaling Factor: 1

2500 0 2500 5000 7500 m

Scale: 1:250000

660000mE

620000 E	630000mE	640000mE	660000mE	Scale: 1:250000
				Map Ref. < >
<p>McConnell River Prospecting Permits</p> <p>Total Gold Grains normalised to 10kg sample</p> <p>1999</p>				Figure No. < >
<p>Date: 24.Mar.2000</p> <p>Author: Allan Kelly</p> <p>Revised: < ></p>				Plan No. < >

Appendix A

Till sample locations and descriptions

Appendix A. Descriptions of Till samples taken on prospecting permits at McConnell River, 1999.

Samp_no	Date	Xcoord	Ycoord	Zone	Datum	Sampler	Project	Samptype	Duplicate	Boulders			Composition		
										angular	rounded	Bouldertype	Clay%	Silt%	Sand%
UT000074	6/4/99	647000	6767231	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr	10	30	40
UT000075	6/4/99	645060	6766860	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr	5	40	40
UT000076	6/4/99	642566	6766800	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr	10	50	30
UT000079	6/4/99	637073	6768800	14	27	ACS	KIVALLIQ	MUDBOIL			X			50	45
UT000080	6/4/99	637073	6768800	14	27	ACS	KIVALLIQ	MUDBOIL	UT00079		X			50	45
UT000081	6/4/99	637087	6767151	14	27	ACS	KIVALLIQ							40	40
UT000082	6/4/99	638931	6767077	14	27	ACS	KIVALLIQ	MUDBOIL			X		10	40	30
UT000083	6/4/99	641077	6766840	14	27	ACS	KIVALLIQ	MUDBOIL		X				40	40
UT000084	6/4/99	641357	6769245	14	27	ACS	KIVALLIQ	MUDBOIL						50	40
UT000085	6/4/99	638705	6768922	14	27	ACS	KIVALLIQ	MUDBOIL			X			40	40
UT000086	6/4/99	638976	6770900	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr		40	40
UT000087	6/4/99	641163	6776777	14	27	ACS	KIVALLIQ	MUDBOIL			X			60	40
UT000088	6/4/99	644600	6776386	14	27	ACS	KIVALLIQ	MUDBOIL						30	60
UT000091	6/4/99	646800	6772700	14	27	ACS	KIVALLIQ	MUDBOIL			X		5	40	40
UT000092	6/4/99	644750	6772707	14	27	ACS	KIVALLIQ	MUDBOIL			X			40	40
UT000093	6/4/99	643580	6773200	14	27	ACS	KIVALLIQ	MUDBOIL			X			40	50
UT000094	6/4/99	640850	6773345	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr		50	50
UT000095	6/4/99	641000	6775083	14	27	ACS	KIVALLIQ				X	Gr		40	30
UT000096	6/4/99	642750	6774900	14	27	ACS	KIVALLIQ				X			60	30
UT000097	6/4/99	644800	6774950	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr		60	30
UT000098	6/4/99	647017	6774986	14	27	ACS	KIVALLIQ	MUDBOIL			X	Gr		50	40
UT000101	6/5/99	639083	6790945	14	27	AK	KIVALLIQ	MUDBOIL					40	40	20
UT000102	6/5/99	642890	6791440	14	27	AK	KIVALLIQ	MUDBOIL					70	30	
UT000201	6/5/99	640839	6785283	14	27	ACS	KIVALLIQ	MUDBOIL						50	50
UT000202	6/5/99	639111	6791239	14	27	ACS	KIVALLIQ	MUDBOIL						40	55
UT000203	6/5/99	641151	6790239	14	27	ACS	KIVALLIQ	MUDBOIL			X			35	50

Appendix A. Descriptions of Till samples taken on prospecting permits at McConnell River, 1999.

Samp_no	Gravel%	Organics%	Dominant clasts				Secondary clasts			
			sediment	intrusive	volcanic	metamorphic	sediment	intrusive	volcanic	metamorphic
UT000074	20					X			X	
UT000075	15					X				
UT000076	10					X			X	
UT000079	5					X			X	
UT000080	5					X			X	
UT000081	20			X	X					X
UT000082	20					X		X		
UT000083	20			X						X
UT000084	10			X						X
UT000085	20					X		X		
UT000086	20			X						X
UT000087				X						X
UT000088	10					X		X		
UT000091	15					X		X		
UT000092	20					X		X		
UT000093	10			X						X
UT000094				X						X
UT000095	30			X						X
UT000096	10			X						X
UT000097	10			X						X
UT000098	10			X						X
UT000101					X					
UT000102										
UT000201										
UT000202	5			X						X
UT000203	15			X						X

Appendix A. Descriptions of Till samples taken on prospecting permits at McConnell River, 1999.

Samp_no	Clast shape				Colour	Compaction				quality	Moisture
	angualr	sub angular	sub rounded	rounded		very hard	hard	moderate	loose		
UT000074		X			gy-bn			X		excellent	
UT000075			X		gy-bn				X	excellent	wet
UT000076			X		gy-bn		X			excellent	
UT000079		X			gy-bn		X			excellent	
UT000080		X			gy-bn		X			excellent	
UT000081			X		bn				X	excellent	wet
UT000082		X			bn			X		excellent	wet
UT000083		X			bn	X				excellent	dry
UT000084			X		bn				X	excellent	wet
UT000085		X			bn	X				excellent	
UT000086			X		bn		X			excellent	
UT000087			X		bl		X			excellent	
UT000088	X				bn	X				excellent	wet
UT000091			X		bn			X		excellent	
UT000092		X			gy-bn		X			excellent	
UT000093		X			gy		X			excellent	wet
UT000094			X		gy-bn		X			excellent	dry
UT000095			X		gy-bn	X				excellent	dry
UT000096		X			bn		X			excellent	wet
UT000097		X			bn			X		excellent	wet
UT000098			X		bn	X				excellent	dry
UT000101					gy-bn		X			good	wet
UT000102					gy		X			poor	wet
UT000201				X	gy-bn			X		good	wet
UT000202			X		bn		X			excellent	
UT000203			X		gy-bn	X				excellent	

Appendix A. Descriptions of Till samples taken on prospecting permits at McConnell River, 1999.

Samp_no	drumlin	esker	moraine	Quaternary landforms			
				swamp	flatplain	wavewashed	other
UT000074					X		
UT000075				X			
UT000076					X		
UT000079					X		
UT000080					X		
UT000081					X		
UT000082					X		
UT000083					X		
UT000084					X		
UT000085					X		
UT000086					X		
UT000087					X		
UT000088					X		
UT000091					X		
UT000092					X		
UT000093					X		
UT000094					X		
UT000095					X		
UT000096					X		
UT000097			X				
UT000098			X				
UT000101				X			
UT000102				X			
UT000201					X		
UT000202					X		
UT000203					X		

Appendix B

Till assays

Appendix B. -63um assays and gold grain counts for tills collected on prospecting permits at McConnell River.

Samp_no	Qc_info	Utm_zone	Utm_east	Utm_north	Au	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe
UT000074		14	647000	6767231	2	-0.5	15	14	32	-1	20	10	-1	-5	-5	-5	2.29
UT000075		14	645060	6766860	4	-0.5	28	12	41	-1	28	12	-1	-5	-5	-5	2.63
UT000076		14	642566	6766800	6	-0.5	11	10	27	-1	16	9	-1	-5	-5	-5	2.14
UT000079	d1	14	637073	6768800	3	-0.5	13	13	30	-1	20	11	-1	-5	-5	-5	2.5
UT000080	d2	14	637073	6768800	8	-0.5	15	22	41	-1	23	11	1	-5	10	-5	2.48
UT000081		14	637087	6767151	5	-0.5	22	14	36	-1	25	13	1	-5	5	-5	2.72
UT000082		14	638931	6767077	1	-0.5	18	13	37	-1	23	11	-1	-5	-5	-5	2.41
UT000083		14	641077	6766840	3	-0.5	14	11	33	-1	19	11	-1	-5	-5	-5	2.33
UT000084		14	641357	6769245	2	-0.5	17	10	30	-1	21	9	-1	-5	-5	-5	2.17
UT000085		14	638705	6768922	4	-0.5	12	15	32	-1	20	11	-1	-5	-5	-5	2.4
UT000086		14	638975	6770900	3	-0.5	16	11	31	-1	22	10	-1	-5	-5	-5	2.42
UT000087		14	641163	6776777	13	-0.5	10	9	30	-1	19	11	-1	-5	5	-5	2.43
UT000088		14	644600	6776386	3	-0.5	15	11	33	-1	22	12	-1	-5	-5	-5	2.2
UT000091		14	646800	6772700	6	-0.5	13	13	30	-1	18	10	-1	-5	-5	-5	2.26
UT000092		14	644750	6772707	2	-0.5	11	18	26	-1	17	9	-1	-5	-5	-5	2.1
UT000093		14	643580	6773200	6	-0.5	11	10	30	-1	18	11	-1	-5	-5	-5	2.15
UT000094		14	640850	6773345	1	-0.5	10	10	26	-1	16	10	-1	-5	-5	-5	2.18
UT000095		14	641000	6775083	-1	-0.5	9	11	28	-1	15	10	-1	-5	-5	-5	2.15
UT000096		14	642750	6774900	5	-0.5	12	12	27	-1	17	10	-1	-5	-5	-5	2.2
UT000097		14	644800	6774950	1	-0.5	11	12	31	2	20	11	2	-5	-5	-5	2.09
UT000098		14	647017	6774986	8	-0.5	9	11	24	-1	16	10	-1	-5	-5	-5	2.04
UT000101		14	639083	6790945	3	-0.5	9	12	28	-1	18	11	-1	-5	-5	-5	2.1
UT000102		14	642890	6791440	3	-0.5	16	10	38	-1	27	13	-1	-5	-5	-5	2.32
UT000201		14	640839	6785283	3	-0.5	7	14	28	-1	17	10	-1	-5	-5	-5	1.94
UT000202		14	639111	6791239	2	-0.5	9	12	29	-1	23	11	-1	-5	5	-5	2.31
UT000203		14	641151	6790239	3	-0.5	10	11	26	-1	18	9	-1	-5	-5	-5	2.03

Appendix B. -63um assays and gold grain counts for tills collected on prospecting permits at McConnell River.

Samp_no	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta
UT000074	333	-25	736	40	46	-20	-20	25	6.28	0.72	1.5	2.2	1.89	275	12	-10	13	7	7	-5
UT000075	363	-25	688	48	52	-20	-20	27	5.99	0.87	1.4	2.02	1.91	239	13	-10	19	7	7	-5
UT000076	312	-25	652	36	43	-20	-20	27	5.54	0.61	1.47	2.05	1.77	256	13	-10	11	7	6	-5
UT000079	363	-25	762	41	49	-20	-20	32	6.1	0.7	1.51	2.2	2.02	278	15	-10	13	9	7	-5
UT000080	357	-25	732	40	49	-20	-20	33	5.99	0.66	1.55	2.12	1.88	276	15	-10	12	8	7	-5
UT000081	401	-25	767	45	53	-20	-20	29	6.24	0.81	1.49	2.09	2.06	265	15	-10	16	8	8	-5
UT000082	335	-25	793	42	49	-20	-20	27	6.29	0.78	1.37	2.09	2.09	262	13	-10	16	8	7	-5
UT000083	330	-25	742	40	49	-20	-20	30	6.27	0.71	1.56	2.27	2.06	283	14	10	13	7	7	-5
UT000084	290	-25	674	42	44	-20	-20	26	5.5	0.68	1.46	1.9	1.62	236	13	-10	14	7	6	-5
UT000085	345	-25	713	42	48	-20	-20	33	5.95	0.71	1.5	2.11	1.63	265	14	-10	12	8	7	-5
UT000086	325	-25	719	44	48	-20	-20	28	5.86	0.71	1.46	2.13	1.8	264	15	-10	14	8	7	-5
UT000087	346	-25	704	43	48	-20	-20	30	5.96	0.68	1.51	2.14	1.59	271	14	-10	13	8	7	-5
UT000088	325	-25	713	42	48	-20	-20	29	5.67	0.71	1.42	2.17	1.73	257	13	-10	14	7	7	-5
UT000091	326	-25	765	38	46	-20	-20	30	6.14	0.66	1.54	2.22	1.92	287	14	-10	11	8	7	-5
UT000092	287	-25	709	35	42	-20	-20	28	5.8	0.62	1.43	2.08	1.71	264	13	-10	12	6	6	-5
UT000093	318	-25	727	38	45	-20	-20	27	5.9	0.65	1.48	2.17	1.96	272	13	-10	12	8	7	-5
UT000094	314	-25	690	39	44	-20	-20	29	5.7	0.59	1.5	2.17	1.76	271	13	-10	10	7	6	-5
UT000095	318	-25	696	33	44	-20	-20	29	6.11	0.6	1.68	2.28	1.68	302	13	-10	10	7	7	-5
UT000096	309	-25	664	37	45	-20	-20	30	5.59	0.59	1.55	2.13	1.68	268	13	-10	10	8	6	-5
UT000097	327	-25	712	45	46	-20	-20	27	5.37	0.57	1.21	1.84	1.77	243	11	-10	13	8	6	-5
UT000098	318	-25	730	35	43	-20	-20	32	5.77	0.52	1.43	1.89	1.73	271	14	-10	10	7	6	-5
UT000101	341	-25	728	41	46	-20	-20	31	5.52	0.57	1.3	1.78	1.73	243	14	-10	12	8	7	-5
UT000102	310	-25	824	54	55	-20	-20	32	6.22	0.82	1.24	1.78	1.64	250	14	-10	20	7	8	-5
UT000201	282	-25	748	36	43	-20	-20	28	5.98	0.56	1.29	1.82	1.83	254	12	-10	14	9	6	-5
UT000202	337	-25	859	48	52	-20	-20	30	6.53	0.72	1.27	1.82	1.88	257	13	-10	16	6	8	-5
UT000203	290	-25	785	37	44	-20	-20	30	6.1	0.55	1.38	1.92	1.7	276	13	-10	11	7	6	-5

Appendix B. -63um assays and gold grain counts for tills collected on prospecting permits at McConnell River.

Samp_no	Ti	Zr	Table feed	weight_factor	Total	Total_n	Reshaped	reshaped_n	Modified	Modified_n	Pristine	Pristine_n
UT000074	0.24	138	10.5	1.05	3	2.86	3	2.86	0	0.00	0	0.00
UT000075	0.26	144	13.5	1.35	13	9.63	11	8.15	2	1.48	0	0.00
UT000076	0.27	164	10.6	1.06	7	6.60	6	5.66	1	0.94	0	0.00
UT000079	0.31	194	10.4	1.04	39	37.50	33	31.73	3	2.88	3	2.88
UT000080	0.32	208	10.1	1.01	15	14.85	14	13.86	0	0.00	1	0.99
UT000081	0.3	182	9.6	0.96	15	15.63	14	14.58	1	1.04	0	0.00
UT000082	0.26	143	9.7	0.97	25	25.77	22	22.68	2	2.06	1	1.03
UT000083	0.3	179	11.5	1.15	19	16.52	17	14.78	2	1.74	0	0.00
UT000084	0.25	140	12.2	1.22	24	19.67	19	15.57	3	2.46	2	1.64
UT000085	0.3	181	8.9	0.89	17	19.10	17	19.10	0	0.00	0	0.00
UT000086	0.28	186	9.8	0.98	25	25.51	19	19.39	6	6.12	0	0.00
UT000087	0.3	192	11.1	1.11	37	33.33	34	30.63	0	0.00	3	2.70
UT000088	0.28	166	9.4	0.94	16	17.02	15	15.96	0	0.00	1	1.06
UT000091	0.28	170	10.8	1.08	19	17.59	19	17.59	0	0.00	0	0.00
UT000092	0.26	156	8.6	0.86	3	3.49	2	2.33	1	1.16	0	0.00
UT000093	0.29	168	10.6	1.06	16	15.09	13	12.26	3	2.83	0	0.00
UT000094	0.29	186	9.6	0.96	30	31.25	25	26.04	3	3.13	2	2.08
UT000095	0.29	192	8.4	0.84	19	22.62	18	21.43	0	0.00	1	1.19
UT000096	0.29	172	9.7	0.97	3	3.09	3	3.09	0	0.00	0	0.00
UT000097	0.26	160	10.8	1.08	21	19.44	19	17.59	1	0.93	1	0.93
UT000098	0.28	174	10.4	1.04	26	25.00	24	23.08	2	1.92	0	0.00
UT000101	0.28	168	8.1	0.81	15	18.52	12	14.81	0	0.00	3	3.70
UT000102	0.29	156	11.4	1.14	14	12.28	12	10.53	1	0.88	1	0.88
UT000201	0.26	180	12.2	1.22	24	19.67	24	19.67	0	0.00	0	0.00
UT000202	0.27	161	11.1	1.11	19	17.12	15	13.51	4	3.60	0	0.00
UT000203	0.27	177	10.8	1.08	29	26.85	29	26.85	0	0.00	0	0.00

Appendix C
Cost Breakdown

Cost Breakdown for 1999 Till Geochemistry: McConnell River Area Prospecting Permits									
	(1)			Helicopter (4)		Salaries (5)		Report	
Permit	# Samples	Cost (2)	Shipping (3)	Hours	Cost	Man Days	Cost	Writing(6)	TOTAL
2258	5	\$434.75	\$125.00	1	\$935.00	1	\$250.00		\$1,744.75
2259	21	\$1,825.95	\$525.00	4	\$3,740.00	2	\$500.00		\$6,590.95
TOTAL	26	\$2,260.70	\$650.00	5	\$4,675.00	3	\$750.00	\$1,250.00	\$9,585.70

Note 1: # samples includes 10 kg and 0.5 kg till samples

Note 2: Cost includes \$65 for ODM plus \$21.95 for <63 micron analysis

Note 3: Shipping cost of \$2.50/kg on NWT Air

Note 4: helicopter support at \$935/hour (includes fuel)

Note 5: salaries @ \$250/man-day

Note 6: report writing (5 days @ \$250/day)