

GM 64967

REPORT ON OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007

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Énergie et Ressources
naturelles

Québec 

**REPORT ON OTISH URANIUM PROJECT
PROSPECTING SUMMER 2007**

FOR

MELKIOR RESOURCES INC.

AND

SANTOY RESOURCES LTD.



BY

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Ressources naturelles et Faune, Québec

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INTRODUCTION

This report summarizes the Otish Uranium Project 2007 field exploration program located in the central part of Québec, within Archean basement rocks as well as within the meso-proterozoic Otish Sedimentary Basin. The prospecting activities were spread over a large land package consisting of 5 separate claim blocks covering 972 claims held by the Melkior Resources Inc. - Santoy Resources Ltd. joint venture.

This prospecting program began on June 1st 2007 and lasted until August 31st. A total of four prospecting crews were hired along the prospecting activities, where two crews, consisting of 2 prospectors per crew, were alternatively on duty. These prospecting crews were under the supervision of Michel Roby géo., the writer of this report.

Our mandate was basically to organize and supervise the uranium prospecting activities and to compile the field data's as well as the assay results for future evaluation and follow-up campaign.

The prospecting program can be divided into three different sequences being:

- 1- Marc-André - J. Robert area, where the prospecting activities were concomitant with the diamond-drilling activities over that same claim block.
- 2- Ground radiometric prospecting over the total area of the land package, prior to the completion of a mag-spectro aerial survey.
- 3- Mag-spectro target follow-up on the Laparre claim block.

That prospecting program has been hampered due to the late execution of an aerial geophysical survey that generated some radiometric targets only around mid-August. Other causes that contributed to the hampering of this program were, the bad weather causing the crews to be grounded at camp site for several days when no flying was possible over the Otish Mountains and, a helicopter crash that took the life of the pilot Kristina Raymond. That later event resulted in a loss of 5 day before another helicopter was available.

A total of 306 samples were collected from the five different claim blocks and were sent for analysis at the SRC labs in Saskatchewan. It is recommended to submit these assay results to a uranium exploration oriented geochemist to be analyzed in order to find pathfinder elements that would indicate local alteration haloes and generate follow-up targets.

LOCATION AND ACCESS

The Otish Uranium Project is located in the central part of the Québec Province, where it covers an area of 677 square km and it is spread over five different claim blocks. These five blocks are found within a perimeter of 175 km by 56 km, centered on NTS sheet 23D03. The nearest mining town, Chibougamau, is located 275 km to the south-southwest.

These claim blocks are only accessible by floatplane and helicopter. The nearest air base, Big River Air Services, is located on the shore of Lake Témiscamie, 120 km to the south.

The first crews, camp logistics and the drillers as well as their material and equipments were mobilized to the campsite directly from Chibougamau, with Big River Air Services, using a Caravan plane on wheel. At this time, a graveled air-strip, 5 km SSE of the campsite, was available, being used by another air carrier to provide air transportation services to Strateco Resources Inc., whose are developing their nearby Matoush uranium prospect. Later on, the Témiscamie air base was used as our dropping point for manpower and material transportation to the campsite. Floatplanes were then used and, Placer Lake, 5 km north from the Eastmain camps, was our landing site from where the material or persons were carried to the camps by helicopter. Another lake, named 20km Lake, located some 20 km SSW of the campsite, along the winter road, was also used as landing site when meteorological conditions were not convenient for safe landing on Placer Lake. The graveled airstrip could not be used after the break-up, its surface being too soft to land with wheel-float gear.

During the drilling program, an Astar 350-B2 helicopter was chartered from Heli-Transport Inc., while a Hughes MD500D was retained from the same provider for the prospecting activities after the drilling program was completed.

The Eastmain Mine camp facilities were rented from Eastmain Mines Inc. on a monthly basis, where the Melkior-Santoy joint venture was responsible for the refurbishing and the maintenance of the equipments.



Fig. 1- Otish Uranium Project location, Québec Province.

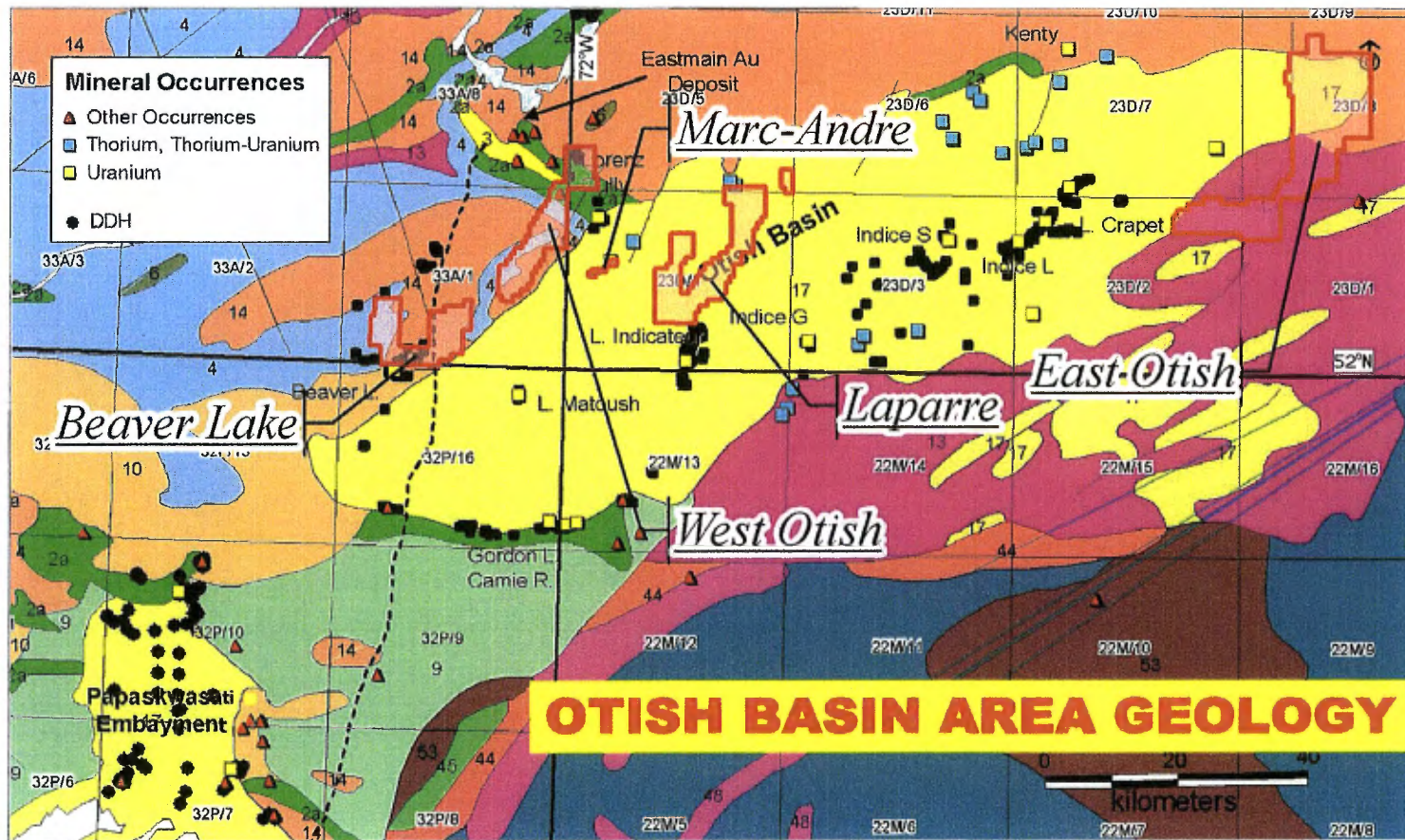


Fig. 2- Melkior-Santoy claim blocks within Otish Sedimentary Basin (yellow) and surrounding Archean basement rocks.

OTISH URANIUM PROJECT GEOLOGICAL CONTEXT

According to Mr. Serge Genest, the writer of a thesis on the Otish Basin, the Otish basin represents the largest area in Québec, in terms of geological province favorable to uranium discoveries. He states that the Formations of most interest are those that belong to the Lac Indicateur group and the units at the base of the Basin where clastic sediments containing quartz pebbles are found in discordant contact with the Archean basement rocks, that is promising for gold and uranium.

The mineralization generally occurs along the margins of faults in a highly fractured and altered environment adjacent to vertical gabbro dykes emplaced within the fault zone. The uranium mineralization found at Matoush lies well above the basin rim and resembles "Perched bodies" similar to the McArthur River and Cigar Lake uranium deposits in the Athabasca basin. The most common uranium mineralization in the Otish Basin is epigenetic with a dominant structural control. The best examples are the Matoush showing in the west central part of the basin (currently owned by Strateco), and the Beaver Lake showing (owned by Uranerz, now COGEMA).

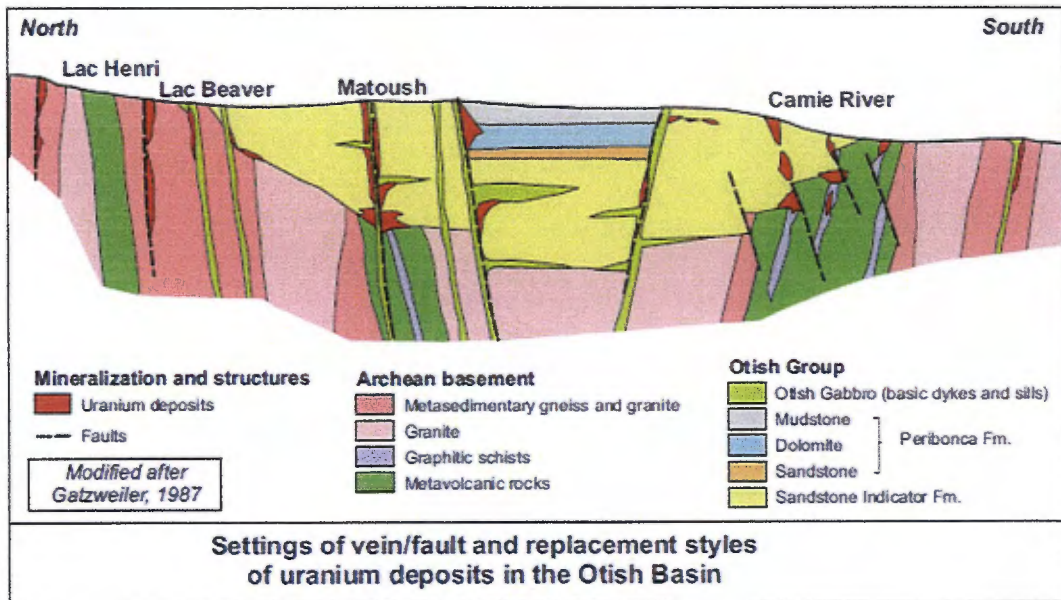


Fig. 3- Different styles of mineralization found in the Otish Basin and surrounding Archean basement rocks.

PROSPECTING AND ANALYSIS CHARACTERISTICS

The prospecting activities were directed at the finding of radioactive boulder fields or outcropping areas, with the goal to locate uranium bearing lithologies or structures. For that purpose, the prospecting crews were using either a McPhar TV 1 or the Exploranium GR-110 hand-held scintillometers. These instruments measure the local radiation level and gives numerical values that can be recorded by the prospectors. The prospecting crews were asked to put an emphasis on the finding and sampling of angular boulders or anomalously radioactive lithologies. The prospecting crews were generally composed of two prospectors with their proper scintillometer and GPS to record the position of the collected samples. The samples were bagged and tagged during field operations and, a flagging was tied near the sampling site with the inscription of the corresponding sample number. The samples collected by the different prospecting crews were examined by the geologist at the campsite before they were put in transport bags to be sent for analysis at SRC Labs in Saskatchewan. The bagged samples were generally transported by a member of the prospecting crews to Val-d'Or, from where it was sent to the SRC Labs by an inter-provincial carrier.

All the samples submitted to SRC Labs were analysed following a Santoy Resource's regular ICP method.

Sample Receipt and Preparation

All samples are received and entered into the Laboratory Information Management System (LIMS). A chain of custody is established at this point. All analytical data which is generated during the analysis of samples is the property of the customer and shall be controlled by QA measures at the laboratory.

Rock samples were dried in the original plastic bags @80C overnight, then jaw crushed to 60% -2mm and 100-200g sub sample split out using a riffler. The sub sample was pulverized to 90% - 106 microns using a puck and ring grinding mill. The grinding mills were cleaned between samples using steel wool and compressed air or the case of clay rich samples, silica sand cleaning was employed. The pulp was transferred to a labelled plastic snap top vial.

Sample Analysis/Testing Overview

The samples are tested using validated documented procedures by trained personnel. All samples are digested prior to analysis by ICP. Two separate digestions were preformed: Partial and Total.

ICP-OES: Mutli element on partial and total digestion:

Two separate analyses were done for the partial and total digestions. Instruments were calibrated using certified commercial solutions. The instruments used were PerkinElmer Optima 300DV, Optima 4300DV or Optima 5300DV.

Table 1: Detection Limits:

Partial Digestion		Total Digestion							
Ag	0.1 ppm	Al ₂ O ₃	0.01%	Ag	0.2 ppm	Li	1 ppm	W	1 ppm
As	0.2 ppm	CaO	0.01%	Ba	1 ppm	Mo	1 ppm	Y	1 ppm
Bi	0.2 ppm	Fe ₂ O ₃	0.01%	Be	0.2 ppm	Nb	1 ppm	Yb	0.1 ppm
Co	0.1 ppm	K ₂ O	0.002%	Cd	0.2 ppm	Nd	1 ppm	Zr	1 ppm
Cu	0.1 ppm	MgO	0.001%	Ce	1 ppm	Ni	1 ppm	Zn	1 ppm
Ge	0.2 ppm	MnO	0.001%	Co	1 ppm	Pb	1 ppm		
Hg	0.2 ppm	Na ₂ O	0.01%	Cr	1 ppm	Pr	1 ppm		
Mo	0.1 ppm	P ₂ O ₅	0.002%	Cu	1 ppm	Sc	1 ppm		
Ni	0.1 ppm	TiO ₂	0.001%	Dy	0.2 ppm	Sm	0.5 ppm		
Pb	0.02 ppm			Er	0.2 ppm	Sn	1 ppm		
Sb	0.2 ppm			Eu	0.2 ppm	Sr	1 ppm		
Se	0.2 ppm			Ga	1 ppm	Ta	1 ppm		
Te	0.2 ppm			Gd	0.5 ppm	Tb	0.3 ppm		
U	0.5 ppm			Hf	0.5 ppm	Th	1 ppm		
V	0.1 ppm			Ho	0.4 ppm	U	2 ppm		
Zn	0.1 ppm			La	1 ppm	V	1 ppm		

Sample Preparation: Digestions

Total:

Total Digestions were performed on an aliquot of sample for the analysis of the requested elements by ICP.

A 0.25g aliquot of pulp was digested to dryness in a Teflon beaker using a hotplate in a mixture of concentrated HF:HNO₃:HClO₄. The residue was dissolved in 15 ml of dilute HNO₃.

Partial:

Partial Digestions were performed on an aliquot of sample for the analysis of the requested elements by ICP.

A 2g aliquot of pulp was digested in a digestion tube in a mixture of HNO₃:HCl, in a hot water bath for approximately 1 hour, then diluted to 15ml using deionized water.

SRC Geoanalytical Laboratory Quality Control

All Quality Control data generated at SRC Geoanalytical Laboratory is reviewed by the Quality Assurance Specialist. The Quality Control Techniques used for verifying all results generated include:

- **Data verification:**
At least 2 levels of data verification performed prior to reporting results.
- **Instrument Calibration:**
All instrumentation is maintained and calibrated prior to sample analysis. This is to ensure the stability of the instrument during analysis.
- **Analysis of Blanks:**
A digested blank sample is analysed by the same procedure as normal samples along with the sample group to ensure that there is no contamination from the sample preparation.
- **Analysis of duplicates:**
One sample preparation and analysis is duplicated with each group of samples to ensure that the repeatability of the results generated. All duplicate analysis must be within specified limits.
- **Analysis of reference (QC) samples:**
Various QC samples are analysed with each group of samples and are used to monitor analytical performance. The results of QA analysis is charted using control charts/compare program on LIMS.

MARC-ANDRÉ CLAIM BLOCK

The first phase of prospecting was carried over the Marc-André claim block, where exploration works by previous owners (Uranerz Exploration and Mining Ltd.) led to the discovery of an uranium occurrence named the Marc-André showing and, a uraniumiferous block train referred to as the Jean-Robert block train. That claim block is composed of 16 claims within the 23D04 NTS sheet, of which 10 have irregular forms less than 16 ha.

The prospecting works were executed concomitantly with a diamond drilling program, that is the subject of a different report, and which was supervised by the writer of this report.

One geologist, Mr. Brian Willet, and one prospector, Mr. Cecil Barrett, from Santoy Resources Inc. have spent four days on the site, training the native prospecting crew on the basics of prospecting for uranium with a McPhar TV 1 scintillometer. That native prospecting crew was composed of Andrew Blacksmith (father) and Andrew Blacksmith (son). After a week or so, the father decided he was not fit for this type of work. He was then replaced by Christopher Blacksmith, which was replaced by Charles Matches later on.

Even though the radiometric anomalies were very scarce outside the Marc-André showing and the Jean-Robert block train area, Mr. Willett has produced a detailed description of the area and the mineralization observed.

Notes from Mr. Willet report:

The Marc-Andre showing consists of 3 closely spaced "trenches" with spotty elevated radioactivity associated with a contact zone between the gabbro and quartzite to quartz arenite in Trench 1, and very thin (10 to 50 cm thick) discordant fine grained hematized dykes (?) in contact with the sediments in Trenches 2 and 3. Trenches 2 and 3 are actually scarps that have been stripped off to the bedrock. The best numbers recorded gave T1=65,000; T2=8,000, and T3=90. So there appears to be Thorium and K associated, I guess. Associated alterations seen in trenches are tourmaline and fuchsite.

Also went to the J. Robert uraniumiferous block train and located roughly 20 radioactive gabbroic boulders. These boulders do not resemble the mineralization at the Marc-Andre occurrence. The boulders are fine-grained gabbro to diabase that are crosscut by millimeter scale ferromag bands that might carry the U. The only significant alteration of note is moderate hematization, and this is associated with only a few of the boulders. Some of the boulders are amphibolitized mafic intrusives. One boulder ran T1 greater than 100,000, T2=6,000 and T3=200. Many of the boulders returned

greater than 10,000 cps using the Exploranium GR-110 scintillometer. Three of the boulders have been collected for assay (Samples 206551 to 206553).

The boulders form a thin ribbon that is probably 200 meters long; there doesn't appear to be a fan-type dispersal associated, suggesting that the source may be narrow (?) and at least sub-parallel to ice direction (just my thoughts). They occur within and on top of a wide train of dominantly quartzite boulders. Many of the radioactive gabbro boulders are sub-angular to angular. A 1 meter deep pit was dug within the boulder ribbon. The till is characterized by the gabbro boulders which sit on top of quartzite boulders which in turn overlie a sandy till.

Prospecting of the magnetic structure and mag breaks associated with the gabbro between the Marc-Andre showing and Line 15 West confirmed the general stratigraphy as per the Marc-Andre showing, but did not result in the discovery of any major radioactive zones. A small radioactive area was located within quartzite near the sediment/gabbro contact near the baseline at Line 2 West. The mineralization is roughly coincident with an east-west break in the mag.

Apart from the basic field prospecting, a stripping of the trench # 1 over the Marc-André showing was executed to try to explain the relations between the uraniferous mineralization, the local lithologies and alteration pattern. During that last phase of works, Gaetan Roby and Guillaume Roby were replacing the native prospecting crew.

The geological mapping of the stripped area has permitted to observe that the anomalous radiometric readings are located within the gabbroic intrusive, where it appears to be related to a set of fractures sub perpendicular to the gabbro-quartzite contact and that the mineralized zone is very local. A detailed scintillometer survey at 0.30m spacing over the stripped area resulted in the definition of a highly anomalous area roughly 1,0 X 4,0m. where the McPhar TV 1 readings vary between 60 000 to over 100 000 CPS.

A channel sample was taken across the anomalous zone where 7 samples were collected over a distance of 2,20m (Samples 206554 to 206560).

About tens meters to the S-W, another area measuring 4,0 X 4,0m (Stripping # 1-S) has been stripped to observe the local features associated to a zone of weak to moderate spotty radiometric anomalies. The McPhar TV 1 readings vary from 4000 to 53000 cps, with the highest values having a very local distribution. Three samples were collected from that stripped area (206561, 206562 and 206651). That site has not been mapped in detail due to intense weathering that did not permit to explain the nature of the lithologies and radiometric anomaly.

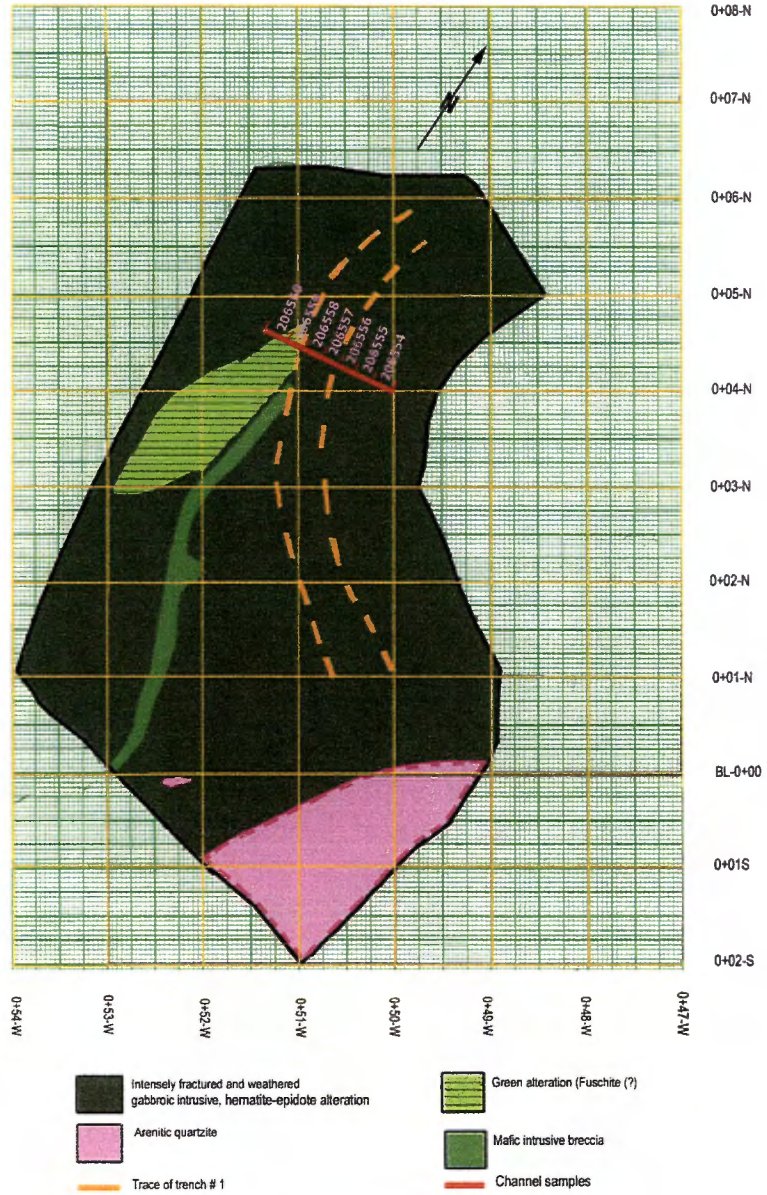
The results of the prospecting activities over the Marc-André claim block has not led to the finding of other anomalous radiometric areas except for a weakly anomalous zone around BL 2+00 / 0+30 S where an hematized arenitic quartzite unit returned a weak scintillometer response. However, it must be stated that outcrops are relatively restricted to the gabbroic dyke and that almost 70% of the claim block is occupied by relatively wet ground

The stripping of the trench # 1 area has not permitted to clearly identify the control of the uraniferous mineralization where it appears to be fracture controlled. The green alteration pattern (fuchsite?) does not appear to be related to the local uraniferous zones, as it is relatively widespread compare to the distribution of the radiometric anomaly.

Other zone of radiometric activity (Trench # 2 and # 3) appears to be associated to a concordant hematite rich quartz-arenite layer. This later concordant anomalous style of mineralization has also been observed further E-N-E, in northern part of the LaParre Claim Block.

The source of the J-Robert uraniferous block train has not been traced due to a large zone of fluvio-glacial deposit up-ice from the uraniferous boulder train. From the deduction of the field prospecting, that source must be somewhere relatively close, the dispersion of the anomalous boulders having a linear pattern. The other explanation for this pattern would be a relatively thin mineralized zone oriented parallel to ice movement.

Overall, a total of 41 samples were collected over the Marc-André claim block. A list containing a description of the samples with their location is included further in this report and, the analysis results are included in the assay results appendix.



GEOLOGICAL PLAN OF STRIPPED AREA TRENCH # 1 MARC-ANDRÉ SHOWING

Fig. 4- Plan of stripped area Marc-André Showing (Trench # 1)

OTISH URANIUM PROJECT - MOST SIGNIFICANT RESULTS

MARC-ANDRÉ CLAIM BLOCK

Sample #	NAD 83			Description	Sample type O.C. = Outcrop	Width	Location	U3O8	U3O8
	Zone	Easting	Northing					ppm	%
206551	19	298664	5779714	Fine grnd. Amphbtzd. mafic boulder	Grab, Boulder		J-Robert block train	3020,0	0,302
206552	19	298656	5779702	Hematized Amphbtzd. Mafic boulder	Grab, Boulder		J-Robert block train	1320,0	0,132
206752	19	298747	5779884	Boulder, hematized gabbro	Grab, Boulder		J-Robert block train	2670,0	0,267
206554	19	301769	5781473	Hemtzd. And epdtzd. Gabbro	Channel-O.C.	0,30m	Marc-André showing, Trench 1	1350,0	0,135
206555	19	301769	5781473	Hemtzd. And epdtzd. Gabbro	Channel-O.C.	0,30m	Marc-André showing, Trench 1	1490,0	0,149
206556	19	301769	5781473	Hemtzd. And epdtzd. Gabbro	Channel-O.C.	0,30m	Marc-André showing, Trench 1	68,4	0,007
206557	19	301769	5781473	Hemtzd. And epdtzd. Gabbro	Channel-O.C.	0,30m	Marc-André showing, Trench 1	481,0	0,048
206562	19	301768	5781461	Hemtzd. And epdtzd. Gabbro-Qtzt	Channel-O.C.	0,30m	Marc-André showing, Trench 1-S	523,0	0,052
206651	19	301769	5781459	Hematized gabbro	Grab, O.C.		Marc-André showing, Trench 1-S	118,0	0,012
206652	19	301780	5781423	Hematized gabbro - quartzite	Grab, O.C.		Marc-André showing, Trench 2	294,0	0,029
206653	19	301780	5781423	Hematized gabbro - quartzite	Grab, O.C.		Marc-André showing, Trench 2	358,0	0,036
206654	19	301780	5781423	Hematized gabbro - quartzite	Grab, O.C.		Marc-André showing, Trench 2	512,0	0,051
206655	19	301780	5781423	Gabbro-Quartzite contact	Grab, O.C.		Marc-André showing, Trench 2	684,0	0,068

* Channel samples over the Marc-André trench # 1. are from a continuous channel samples over 2.20m

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT PROSPECTING SUMMER 2007**

MARC-ANDRÉ CLAIM BLOCK "SAMPLES DESCRIPTION"

Outcrop (O)	NAD 83				Radiometrics (cps)				Sample description	
	Boulder (B)	Sample #	Zone	Easting	Northing	GR-110	McPhar			
						T1	T1	T2		T3
B	206551	19-U	298664	5779714	8800				Mafic amphibolitized boulder, yellow altered planes	
B	206552	19-U	298657	5779702	8000				Hematized slab, amphibolitized mafic boulder, sub-ang.	
B	206553	19-U	298640	5779680	10000				Amphibolitized gabbroic boulder	
O	206554	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206555	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206556	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206557	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206558	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206559	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206560	19-U	301769	5781473					Channel sample trench# 1 Marc-André showing	
O	206561	19-U	301768	5781461					Channel sample trench# 1 south Marc-André showing	
O	206562	19-U	301768	5781461					Channel sample trench# 1 south Marc-André showing	
O	206651	19-U	301769	5781459	7500				Hematized gabbro	
O	206652	19-U	301780	5781423	7000				Hematized gabbro in the quartzite	
O	206653	19-U	301780	5781423	13000				Hematized gabbro in the quartzite	
O	206654	19-U	301780	5781423	13000				Hematized gabbro in the quartzite	
O	206655	19-U	301780	5781423	17000				Quartzite in contact with the gabbro	
B	206656	19-U	301697	5781423	1100				Boulder, slightly hematize Arkose	
B	206657	19-U	301743	5781395	1500				Boulder, completely altered gabbro	
O	206658	19-U	301604	5781307	1600				Hematized and epidotized gabbro	
O	206659	19-U	301604	5781307	2500				Hematized and epidotized gabbro	
O	206660	19-U	301614	5781313	2000				Hematized and epidotized gabbro	
O	206661	19-U	301614	5781313	2000				Hematized and epidotized gabbro	
O	206662	19-U	301614	5781313	2400				Hematized and epidotized gabbro	
O	206663	19-U	301614	5781313	2000				Hematized and epidotized gabbro	
O	206664	19-U	301614	5781313	1800				Hematized and epidotized gabbro	
O	206665	19-U	301614	5781313	1900				Hematized and epidotized gabbro	
B	206666	19-U	300570	5780419	1300				Boulder, hematized sub-arkose	
B	206667	19-U	300536	5780472	B.G.				Boulder, cloritized gabbro	

MELKIOR-SANTOY JOINT VENTURE

OTISH URANIUM PROJECT PROSPECTING SUMMER 2007

MARC-ANDRÉ CLAIM BLOCK "SAMPLES DESCRIPTION"

Outcrop (O)	NAD 83				Radiometrics (cps)				Sample description	
	Boulder (B)	Sample #	Zone	Easting	Northing	GR-110	McPhar			
						T1	T1	T2		T3
B	206668	19-U	300601	5780814	1500				Boulder, sub-arkose	
B	206669	19-U	300890	5780983	1600				Boulder, conglomeratic arkose	
B	206670	19-U	300940	5780987	B.G.				Boulder, conglomeratic arkose	
B	206671	19-U	300964	5780971	B.G.				Boulder, hematized gabbro	
B	206672	19-U	301016	5781004	2200				Boulder, hematized arkose	
B	206746	19-U	298566	5779976	3000				Boulder, coarse grained arenite	
B	206747	19-U	298572	5779974	2300				Boulder, medium grained arenite	
B	206748	19-U	298577	5780024	2600				Boulder, medium grained arenite	
B	206749	19-U	298577	5780041	3000				Boulder, aphanitic basalt containing 1% pyrite	
B	206750	19-U	298577	5780041	2000				Boulder, aphanitic basalt containing 1% pyrite	
B	206751	19-U	298720	5779989	2500				Boulder, medium grained arenite	
B	206752	19-U	298747	5779884	> 100000				Boulder, hematized gabbro	

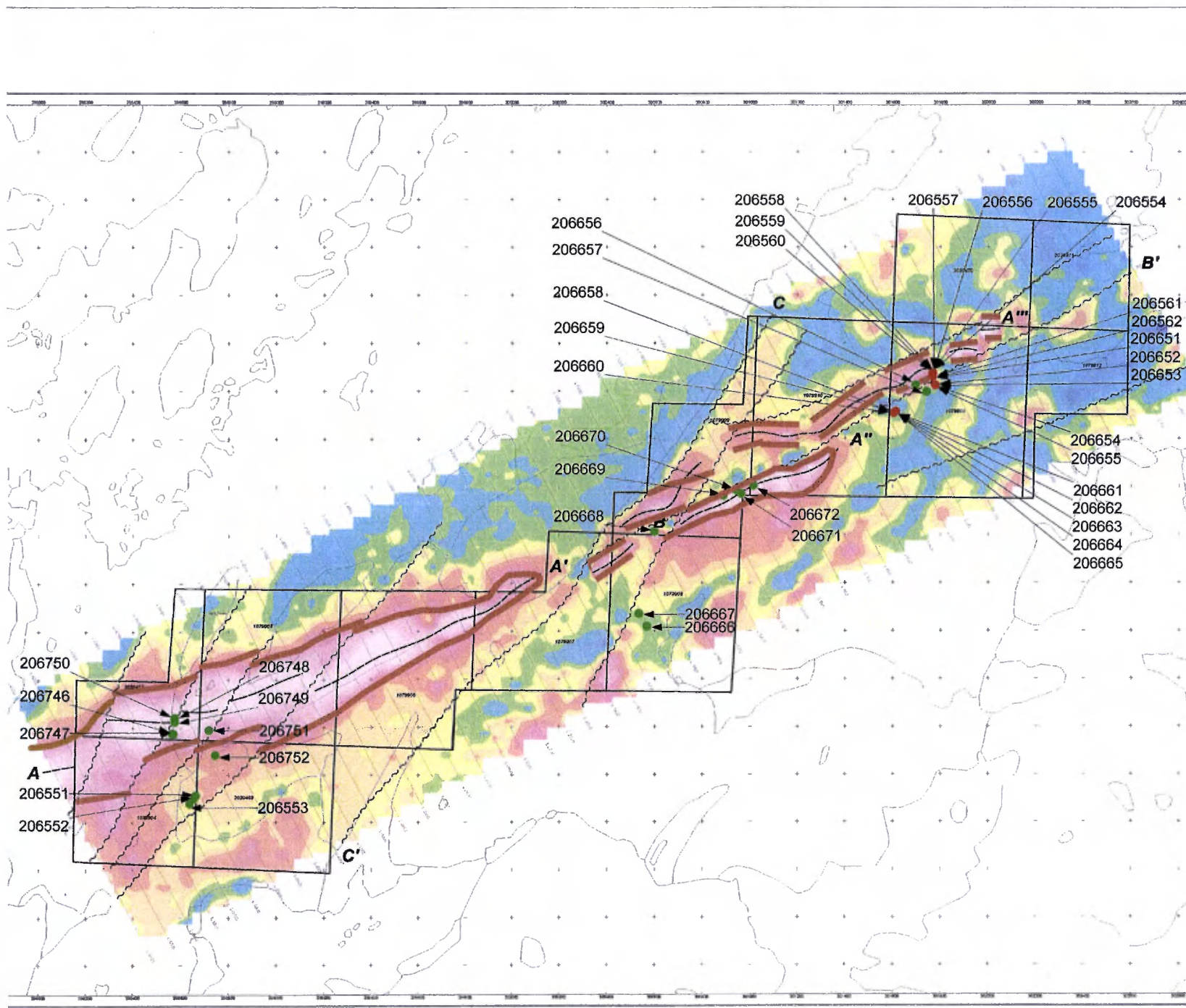


Fig. 6- Samples location Marc-André claim block

MELKIOR RESOURCES	
Okty - Marc-André Property Geochemistry Sample Location Map Total Field	
Map by: Melkior Resources	Scale: 1:50,000
Approved by: Melkior Resources	Date: 2010-08-10
Project: Okty - Marc-André Property	Map: Geochemistry Sample Location
Client: Melkior Resources	Map: Geochemistry Sample Location
Scale: 1:50,000	Map: Geochemistry Sample Location
Map: Geochemistry Sample Location	Map: Geochemistry Sample Location

B. Willett (Marc-André / J. Robert) Field notes

Waypoint	Easting	Northing	Sample #	Radiometrics (cps)			Outcrop (O) Boulder (B)	Description	Bedding (RHR)	Fault plane	Joints
				GR-110	McPhar						
					T1	T2					
Marc-Andre Showing Prospecting											
74	301702	5781184					Outcrop	Quartz arenite	200/8		
								Trench 2: grey-cream quartzite to quartz arenite; similar strike dip as per 74. Several discordant fine grained maroon coloured sed(?) units from 10 to 40 cm thick-possibly sills or dykes? To the east in the trench seeing bright green fuchsite material which appears to form matrix to fault breccia "draping" over the quartzite.			
75	301733	5781205	T2-1		65000	8000	90	Outcrop			60/40
								Trench 3- cream to grey quartzite overling maroon coloured hematitic sediment (?) (Uranerz andesite intrusive). Riddled with specular hematite filled fractures.	235/20		
76	301746	5781221			4500	175	30	Outcrop			
80	301083	5780828			60			Outcrop	Line 8W/0+755-massive green medium grained gabbro.		
81	301145	5780847			60			Outcrop	gabbro. Very weak topo linear at 040-possible structure?		
82	301155	5780810			135			Boulder	slab of pink medium to coarse grained quartzite under moss cover.		
83	301132	5780810			80			Outcrop	pink quartzite.		
84	301070	5780783			100			Outcrop	quartzite.		
85	300987	5780784			60			Outcrop	massive gabbro		
86	300937	5780747			60			Outcrop	massive gabbro ridge		
87	300902	5780725			50			Outcrop	Prominent ridge of the gabbro coincident with mag trend.		
									Quartzite just southeast of gabbro knob at wpt. 87. Seeing the same thin (10 cm thick) fine grained purplish conformable sill like intrusives.		
88	300913	5780713			130			Outcrop			
89	300892	5780705			140			Outcrop	massive gabbro; 2-3 cm thick quartz hematite joint fill that runs 140 cps.		0030/vert
90	300801	5780685			70			Outcrop	medium grained massive gabbro.		
91	300646	5780652			50			Outcrop	massive gabbro.		
92	300594	5780728			60				Northwest of the baseline on Line 13 West. The mag high is supposed to		
									Down in swamp/flat area northwest of gabbro ridge; seeing angular boulders and slabs of quartz pebble conglomerate, sometimes with jasperoidal clasts; high background at 140 cps.		
93	300848	5780811			140			Boulder			
94	301595	5781141			75			Outcrop	Back to BL 2 West and prospecting the E-W mag break; massive gabbro.		
95	301587	5781085			80			Outcrop	pink fine grained arkosic quartzite.		
									N-S trending ridge of fine to medium grained gabbro; Cut by ≤ 1 cm thick hematite stained calcite veinlets.		
96	301559	5781094			60			Outcrop			
97	301562	5781082			150-200			Outcrop	high background radioactivity.		
									The pinkish quartzite exposed in 1.5 meter high moss covered east facing ridge. At the base of this getting scintillometer response of 1,800 cps. Gabbro is less than 10 meters to WNW. Also seeing the same 2-5 cm thick maroon coloured conformable layers as per Trenches 1 and 2.		
98	301571	5781082			1800			Outcrop			
J. Robert Boulder Train											
77	298502	5779741						Boulder	Line 36 W/1+50N in a dried up boulder choked river bed with 1000's of subrounded qtzite boulders.		
									Three radioactive boulders within 10 to 15 meters of each other. Subrounded to subangular fine grained gabbro with 1 to 3mm ferromag bands that may be source of U.		
78	298724	5779798			>100,000			Boulder			
79	298699	5779781			>100,000	6000	200	Boulder	0.8m by 0.4m subrounded gabbro boulder as per 78.		
									Sub-rounded gabbro boulders still embedded in pit dug by Uranerz. Second boulder 3 meters away at 2800 cps		
105	298682	5779724			7300			Boulder			
									Subrounded mafic boulder; 40 by 30 by 30 cm; appears to be amphibolite; still seeing the narrow ferromag joint fills.		
106	298689	5779722			8800	>100,000		Boulder			
									Radioactive fine grained amphibolitized mafic rock with yellow altered plagioclase(?) phenocrysts		
107	298684	5779714	206551	8800				Boulder			

LAPARRE CLAIM BLOCK

Following the completion of the diamond drilling program over the Marc-André claim block, the prospecting crews were then asked to make systematic traverses over all the outcropping areas within the LaParre claim block. Since no aerial mag-spectro survey had been completed up until mid-August, it appeared to us as the best way to maximize the production of the prospecting crews.

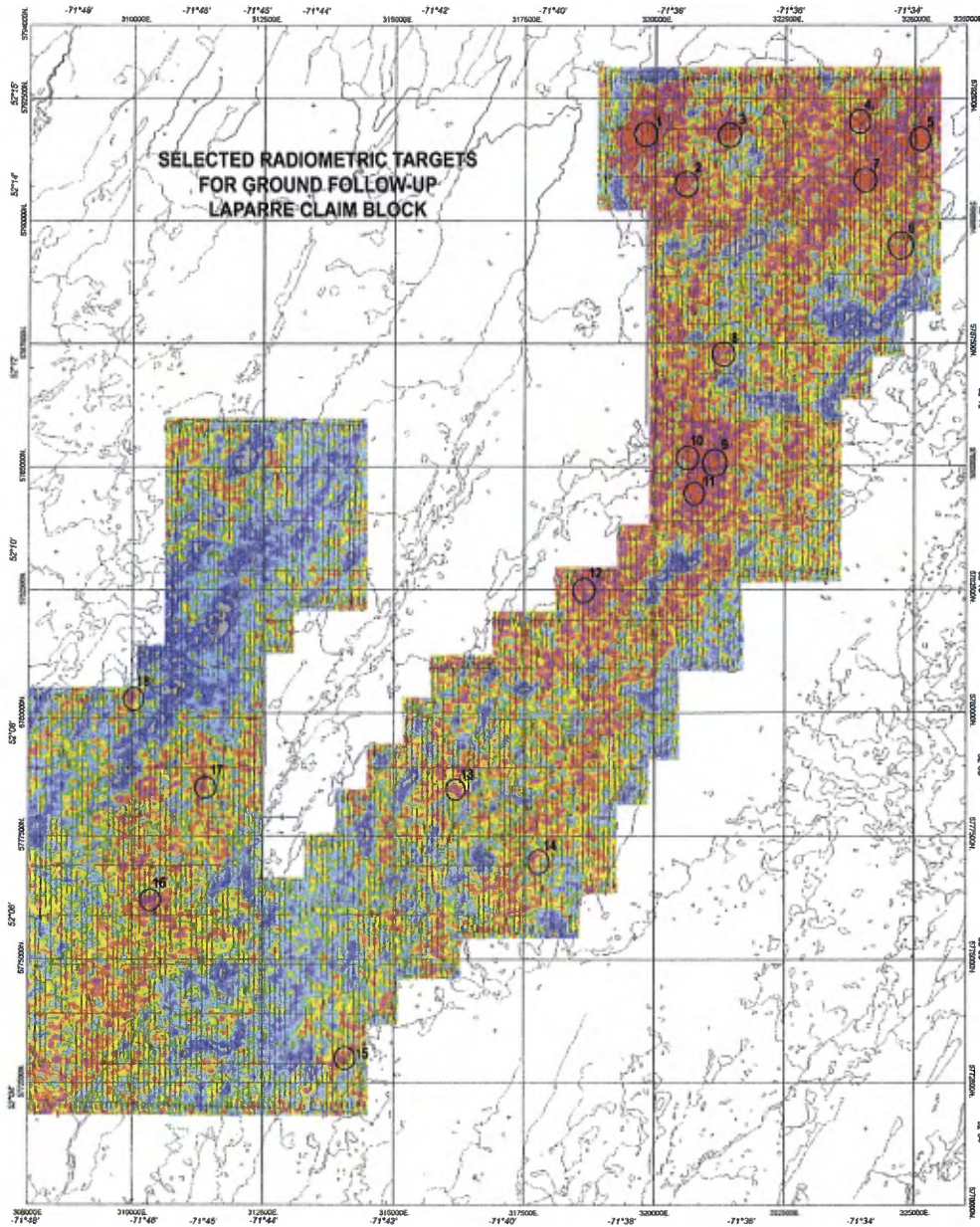
Two more prospecting crews have participated to the prospecting activities over the LaParre claim block. One crew was composed of David Frappier-Rivard geologist, with two prospectors, Mr. Jean-Louis Dusseault and Philippe Goujard. Later on two other prospectors were hired to replace Mr. Rivard and Goujard. These two prospectors were Mr. Raynald Poirier and Alex Poirier.

Following the reception of the Mag-spectro aerial survey results, eighteen targets were selected for ground follow-up. Among those eighteen targets, five were found to be caused by large (several hundred meters) radioactive areas associated to local outcropping sedimentary units. Two other targets were found to be caused by sub-rounded block fields (target 12 and 14) within large washed out areas following old riverbeds and, containing a high proportion of anomalous sub-rounded blocks. The remaining eleven targets were not clearly explained, the later being covered by extensive fluvio-glacial deposit.

Prior to the Mag-Spectro aerial survey, an important amount of radioactive conglomeratic arenite boulders had been located over the Laparre claim block but, very few outcrops had been sampled. The result of the aerial survey has led to the localization of a large sub-outcropping area, in the north-eastern and western parts of the claim block. These later areas are occupied by arenitic to conglomeratic quartzite with rounded qtz-pebbles interbeds (Targets 2, 3 and 5). Those later conglomeratic quartzite interbeds are often weakly hematized and are anomalously radioactive. The stratigraphy is generally sub-horizontal to shallowly dipping and gives a relatively strong radiometric background in that same part of the claim block.

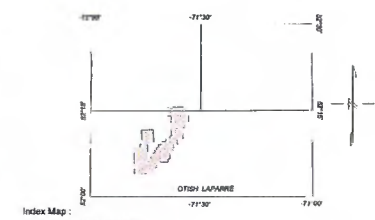
Two other targets, 17 and 16, were found to be caused by local radioactive lithologies, while a weakly anomalous quartzitic outcrop was located around target 15.

A total of 166 samples were collected over the Laparre claim block, 50 outcrops and 116 blocks.



Specification, Notes and Legends

Line Survey Specifications	
Total line kilometers	1775
Line Azimuth	N 0° E
Line Spacing	100 m
Tie Azimuth	N 90° E
Tie Spacing	1000 m
Geodetic Specifications	
Map Projection	UTM
UTM zone	19 North
Central Meridian	80° West
Datum	WGS 84
False Easting	500 000
False Northing	0
Scale Factor	0.9994
Helicopter-Borne Specifications	
Helicopter	Robinson R44
Flight Elevation	40 - 45 m
Average Speed	135 knots
Magnetometer Specifications	
Magnetometer	Geomatrix Cesium
Magnetometer Installation	bird
Sample Rate	0.1 s
Base Station Magnetometer	GEM G556-10, Overhaul
Data Acquisition System	
Bore Assembler	Intergraph
Radar Altimeter	TRX-3000
GPS Receiver	Novatel (Dual Frequency)
GPS Differential Correction	OmniStar
GPS Sample Rate	0.2 s
Flight path	
GPS data recorded during the flight was real-time and available to the UTM coordinate system	
1575	Flight Line Number
62.2	Fiducial Number
Notes :	
Magnetic data were corrected for diurnal drift. Tie line leveling and minor leveling were then applied to the magnetic data.	
Map : Hydrographic Information, 1:50K scale	
* Department of Natural Resources Canada. All rights reserved.	
Spectrometer Specifications :	
Spectrometer	Radstone Systems 9535-G 1024 Channel
Crystal Volume	10-A, downward Looking, 44, upward looking
Scintillator Installation	Co-based housing
Sample Rate	1 Hz
Data Grabbing Cell Size	25 m



MELKIOR RESOURCES INC.

Client :
 Airborne Magnetic and Gamma-ray Spectrometric Survey

Project :
 Otish Laparre - Québec

Area :
 Uranium Radiometrics
 ppm

Title :
 1:50 000

Scale :
 1:50 000

G.D.S. GEO DATA SOLUTIONS GDS INC.

Project # : P07022 Date : August 11, 2007 Ref # : U-RMEL-LAP50

Fig. 7- Selected radiometric targets Laparre claim block

GROUND FOLLOW-UP LAPARRE RADIOMETRIC TARGET

- Target # 1- This area is occupied by a thick blanket of fluvio-glacial deposit cut by local steep gully. The source of the radiometric anomaly is not explained.
- Target # 2- Radioactive outcrops composed of conglomeratic arenites and qtz-pebbles conglomerate with an arenitic matrix. Highest total counts values vary between 2000 and 3000 CPS
- Target # 3- Radioactive outcrops composed of conglomeratic arenites and qtz-pebbles conglomerate with an arenitic matrix. Highest total counts values vary between 1000 and 1500 CPS. Anomalous readings associated with thin qtz-pebbles conglomerate interbeds with a shallow dipping (128/20).
- Target # 4- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 5- Radioactive outcrops composed of quartzite and conglomeratic quartzite. Highest total counts values vary between 900 and 1200 CPS.
- Target # 6- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 7- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 8- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 9- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 10- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.
- Target # 11- Area occupied by a thick blanket of fluvio-glacial deposit. The source of the radiometric anomaly is not explained.

- Target # 12- Area occupied by a thick blanket of fluvioglacial deposit. The source of the radiometric anomaly is probably caused by the presence of a large boulder field (sub-rounded boulders) following an ancient river bed. Highest total counts vary between 130 and 200 cps with occasional peak at 300 cps.
- Target # 13- Area occupied by a thick blanket of fluvioglacial deposit. The source of the radiometric anomaly is not explained. Large dispersed block field.
- Target # 14- Area occupied by a thick blanket of fluvioglacial deposit. The source of the radiometric anomaly is not explained.
- Target # 15- Area occupied by a thick blanket of fluvioglacial deposit. A small outcrop consisting of fine grained beige to pinkish quartzite was located on the shore of a small creek with total counts varying between 90 to 150 cps.
- Target # 16- Area occupied by sub-outcropping fine to medium grained arenitic quartzite and local cherty argilite layer (?) or silicified argilite. Highest total counts 100 to 700 cps. (Samples 206943, 206578, 206579 and 206628)
- Target # 17- Area occupied by numerous outcrops of fine grained arenitic quartzite. High background of 70 to 200 cps. Local hematized layers were observed. (Samples 206576, 206577 and 206626). Highest total counts 450 cps.
- Target # 18- Area occupied by a thick blanket of fluvioglacial deposit. The source of the radiometric anomaly is probably caused by the presence of a large boulder field (sub-rounded quartzite boulders) with local scintillometer readings varying between 100 and 140 cps.

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007**

LAPARRE CLAIM BLOCK "SAMPLES DESCRIPTION"

Outcrop (O) Boulder (B)	Sample	Grid Datum			Radiometrics (cps)				DESCRIPTION
		UTM Zone	NAD83 Easting	Northing	GR-110 T1	McPhar TV 1			
						T1	T2	T3	
B	206574	19 U	321421	5791546	1600				Angular Conglomeratic Quartzite Block
B	206575	19 U	321359	5791523	950				Conglomeratic Quartzite
O	206576	19 U	311291	5778374	200				Quartzite(Fine grained and hematized)
O	206577	19 U	311287	5778312	250				Quartzite(Fine grained and hematized)
O	206578	19 U	310216	5776142	240				Cherty argilite ? /quartzite
O	206579	19 U	310079	5776133	450				Quartzite/micro-conglomerate (Qtz pebbles)
B	206602	19 U	312248	5775708					
B	206603	19 U	312238	5775682					
B	206604	19 U	312101	5775583					
B	206605	19 U	312082	5775430					
B	206606	19 U	311968	5775272					
B	206607	19 U	311793	5775181					
B	206609	19 U	322299	5790589	300				Angular Quatzite
B	206610	19 U	322470	5790660	500				Angular Quatzite
B	206611	19 U	322583	5790932	400				Angular Quatzite
O	206612	19 U	322520	5790962	600				Quartzite
O	206613	19 U	322094	5790694	600				Quartzite
B	206614	19 U	321972	5790927	800				Angular Quatzite
O	206615	19 U	322353	5790936	550				Quartzite
O	206616	19 U	322525	5791029	400				Quartzite
B	206617	19 U	322599	5790990	500				Quartzite
O	206618	19 U	322532	5791087	500				Quartzite
O	206619	19 U	322464	5791077	650				Quartzite
B	206620	19 U	322067	5790901	500				Quartzite
O	206621	19 U	321332	5791496	1400				Conglomeratic quartzite
O	206622	19 U	324341	5790868	750				Quartzite
O	206623	19 U	324289	5790835	1200				Quartzite
O	206624	19 U	324209	5790836	750				Quartzite
B	206625	19 U	324146	5790836	800				Sub-In-Place Quartzite boulder
O	206626	19 U	311166	5778077	225				Quartzite
B	206627	19 U	310312	5776019	250				Angular Quatzite
O	206628	19 U	310129	5775907	600				Quartzite
B	206629	19 U	323685	5790529	450				Angular Quatzite
B	206673	19 U	326127	5790089	1500				Boulder, conglomeratic arkose
B	206674	19 U	326047	5790030	2500				Boulder, conglomeratic arkose

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007**

Outcrop (O) Boulder (B)	Sample	Grid Datum			Radiometrics (cps)				DESCRIPTION
		UTM Zone	NAD83 Easting	Northing	GR-110 T1	McPhar TV 1			
						T1	T2	T3	
B	206675	19 U	326006	5790008	2100				Boulder, conglomeratic arkose
B	206676	19 U	325869	5789960	1500				Boulder, conglomeratic arkose
B	206677	19 U	325918	5789941	1500				Boulder, conglomeratic arkose
B	206678	19 U	325583	5789745	1600				Boulder, conglomeratic arkose
B	206679	19 U	325335	5789544	1900				Boulder, conglomeratic arkose
B	206680	19 U	325225	5789422	2200				Boulder, conglomeratic arkose
B	206681	19 U	324876	5789185	1950				Boulder, tonalite
B	206682	19 U	324856	5789182	2200				Boulder, sericitized sub-arkose
B	206683	19 U	324809	5789210	2600				Boulder, sericitized sub-arkose
B	206684	19 U	324738	5789225	2050				Boulder, conglomeratic arkose
B	206685	19 U	324752	5789282	4000				Boulder, conglomeratic arkose
B	206686	19 U	312483	5784549	2600				Boulder, conglomerate containing round quartz pebbles
B	206687	19 U	312404	5784452	1500				Boulder, micro-conglomerate or conglomeratic arkose
B	206688	19 U	312189	5784377	4300				Boulder, conglomerate containing round quartz pebbles
B	206689	19 U	312034	5784169	2000				Boulder, coarse grained su-arkose with a conglomeratic layer
B	206720	19 U	320487	5791152	2300				Boulder, Conglomerat with quartz pebbles, epidotized matrix
B	206721	19 U	320454	5791074	3000				Boulder, Conglomerat with quartz pebbles, epidotized matrix
B	206722	19 U	320502	5790873	2400				Boulder, quartz pebbles conglomerate with an arkosic matrix
B	206723	19 U	320465	5790804	2200				Boulder, quartz pebbles conglomerate with an arkosic matrix
B	206724	19 U	320476	5790755	3200				Boulder, Conglomerat with quartz pebbles, epidotized matrix
O	206725	19 U	320410	5790707	3000				Metamorphosed conglomeratic arenite
O	206726	19 U	320410	5790707	2700				Metamorphosed conglomeratic arenite
O	206727	19 U	320410	5790707	3000				Metamorphosed conglomeratic arenite
O	206728	19 U	320410	5790707	2900				Metamorphosed conglomeratic arenite
O	206729	19 U	320466	5790754	3000				Quartz pebbles conglomerate with an arenitic matrix
O	206730	19 U	320466	5790754	2000				Quartz pebbles conglomerate with an arenitic matrix
B	206731	19 U	320472	5790695	3500				Boulder, conglomerate, Arkosic matrix with rounded quartz pebbles
B	206732	19 U	320474	5790632	4500				Boulder, metamorphosed conglomeratic arenite
B	206733	19 U	320486	5790372	9500				Boulder. Oxydized cm layer in a quartz pebble conglomerate
B	206734	19 U	320486	5790372	15000				Boulder. Oxydized cm layer in a quartz pebble conglomerate
O	206735	19 U	320552	5790268	2000				Quartz pebbles conglomerate with an arenitic matrix
B	206736	19 U	317386	5781624	1800				Boulder, medium grained arenite
B	206737	19 U	317382	5781600	1900				Boulder, conglomeratic arkose, metamorphosed
B	206738	19 U	317418	5781564	2600				Boulder, metamorphosed arenite
B	206739	19 U	317452	5781356	2800				Boulder, micro-conglomerate with an arenitic matrix
B	206740	19 U	317536	5781236	2000				Boulder, micro-conglomerate with an arenitic matrix
B	206741	19 U	317919	5780616	3000				Boulder, quartz pebbles conglomerate with an arenitic matrix
B	206742	19 U	317939	5780540	3000				Boulder, metamorphosed and epidotized arkose

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007**

Outcrop (O) Boulder (B)	Sample	Grid Datum			Radiometrics (cps)				DESCRIPTION
		UTM Zone	NAD83 Easting	Northing	GR-110 T1	McPhar TV 1			
						T1	T2	T3	
B	206743	19 U	317962	5780508	3100				Boulder, hematized arenite
B	206744	19 U	317976	5780447	3500				Boulder, quartz pebbles conglomerate with an epidotized matrix
B	206745	19 U	317976	5780447	2800				Boulder, quartz pebbles conglomerate with an epidotized matrix
B	206753	19 U	320400	5782624	2400				Boulder, metamorphized arkose
B	206754	19 U	320400	5782624	4900				Boulder, metamorphized arkose
B	206755	19 U	320364	5782538	2000				Boulder, medium grained arenite
B	206756	19 U	320356	5782529	26000				Boulder, metamorphized arkose
B	206757	19 U	320356	5782529	16000				Boulder, metamorphized arkose with an hematized layer
B	206758	19 U	320433	5782243	2500				Boulder, oxydized chert
B	206760	19 U	311929	5774862	2600				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206761	19 U	311946	5774788	1900				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206762	19 U	311946	5774788	2100				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206763	19 U	312269	5774288	3500				Boulder, rounded quartz pebbles conglomerate, with an arkosic matrix
B	206764	19 U	312334	5774256	2700				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206765	19 U	312334	5774166	3300				Rounded quartz pebbles conglomerate, with an arkosic matrix
B	206766	19 U	312184	5773873	4500				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206767	19 U	312184	5773873	9000				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206768	19 U	312159	5773814	2500				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206769	19 U	312185	5773812	3600				Boulder, rounded quartz pebbles conglomerate, with an epidotized matrix
B	206770	19 U	322046	5785835	1700				Boulder, granodiorite
B	206771	19 U	321992	5785819	2100				Boulder, granodiorite
B	206772	19 U	321787	5785844	2200				Boulder, hematized granodiorite
B	206773	19 U	321632	5785903	2400				Boulder, medium grained arenite
B	206774	19 U	321503	5785703	2500				Boulder, arkose with an oxydized layer
B	206775	19 U	321497	5785681	9500				Boulder, arkose with an oxydized layer
B	206776	19 U	321480	5785620	2300				Boulder, arkose with an oxydized layer
B	206777	19 U	321392	5785441	3200				Boulder, quartz pebbles conglomerate with an arkosic matrix
B	206784	19 U	310966	5785736	2600				Boulder, hematized and epidotized arkose
B	206785	19 U	311740	5786111	2400				Boulder, metamorphised and hematized arkose
B	206902	19 U	323766	5789365	180				Quartzite (Sub-Angular)
B	206903	19 U	323600	5789336	420				Quartzite (Sub-Angular)
B	206904	19 U	323346	5789243	300				Quartzite (Sub-Angular)
B	206905	19 U	324426	5788409	910				Quartzite (Angular ?)
B	206906	19 U	322397	5789372	800				Quartzite (Angular ?)
B	206907	19 U	321983	5789403	805				Quartzite (Angular ?)
B	206908	19 U	322822	5789305	430				Quartzite (Angular ?)
B	206909	19 U	322868	5789351	336				Quartzite (Angular ?)

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007**

Outcrop (O) Boulder (B)	Sample	Grid Datum			Radiometrics (cps)				DESCRIPTION
		UTM Zone	NAD83 Easting	Northing	GR-110 T1	McPhar TV 1			
						T1	T2	T3	
B	206910	19 U	321213	5789931	456				Quartzite (Angular ?)
O	206911	19 U	321776	5790487	501				Quartzite
O	206912	19 U	321730	5790492	540				Quartzite
B	206913	19 U	321369	5789723	350				Quartzite (Sub-Angular ?)
B	206914	19 U	322196	5790017	361				Quartzite (Sub-Angular ?)
B	206915	19 U	321777	5789927	410				Sub-Angular quartzite
B	206916	19 U	321234	5790022	460				Sub-Angular quartzite
B	206917	19 U	321237	5790167	260				Sub-Angular pink-quartzite
B	206918	19 U	322203	5790425	915				Sub-Angular quartzite
B	206919	19 U	322852	5790538	291				Sub-Angular quartzite
B	206920	19 U	321863	5790537	926				Sub-Angular quartzite
O	206921	19 U	321689	5790518	654				Quartzite
B	206922	19 U	321781	5790810	456				Sub-Angular quartzite
O	206923	19 U	321983	5790657	440				Quartzite
O	206924	19 U	322288	5790713	370				Quartzite
B	206925	19 U	322526	5790834	630				Sub-Angular quartzite
O	206926	19 U	322402	5790816	466				Quartzite
O	206927	19 U	322028	5790898	338				Quartzite
B	206928	19 U	321781	5790915	400				Sub-Angular quartzite
O	206929	19 U	321482	5791023	601				Quartzite
B	206930	19 U	320526	5791225	310				Sub-Angular quartzite
B	206931	19 U	320722	5791218	604				Sub-Angular quartzite
O	206932	19 U	321718	5791789	1225				Quartzite
O	206933	19 U	321622	5791848	1019				Quartzite-conglomerate
O	206934	19 U	321564	5791820	1200				Quartzite-conglomerate
O	206935	19 U	321676	5791889	1090				Quartzite-conglomerate
O	206936	19 U	321552	5791619	1450				Quartzite-conglomerate
O	206937	19 U	321400	5791658	1064				Quartzite-conglomerate
O	206938	19 U	324905	5791179	1139				Quartzite-conglomerate
O	206939	19 U	324602	5791124	420				Quartzite
O	206940	19 U	324415	5791165	930				Quartzite
O	206941	19 U	324333	5791198	947				Quartzite
B	206942	19 U	311343	5778616	302				Quartzite
O	206943	19 U	310200	5776099	710				Quartzite
O	206944	19 U	310201	5776113	904				Quartzite
O	206945	19 U	323647	5790706	1183				Quartzite
?	489506	19U	309013	5772044					
?	489507	19 U	319167	5782401					

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT, PROSPECTING SUMMER 2007**

Outcrop (O) Boulder (B)	Sample	Grid Datum		Northing	Radiometrics (cps)				DESCRIPTION
		UTM Zone	NAD83 Easting		GR-110 T1	McPhar TV 1			
						T1	T2	T3	
B	489508	19 U	322809	5789202	206				
B	489509	19 U	322340	5789882	445				
B	489510	19 U	321550	5789548	229				
O	489511	19 U	321760	5790238	351				
O	489512	19 U	321798	5790230	298				
B	489513	19 U	321844	5789800	398				
B	489514	19 U	322443	5789939	353				
B	489515	19 U	322773	5789997	678				
B	489516	19 U	322437	5790007	247				
B	489517	19 U	321911	5789982	300				
B	489518	19 U	321542	5790009	306				
O	489519	19 U	322073	5790387	246				
O	489520	19 U	322088	5790390	249				
B	489556	19 U	309135	5772187					
B	489557	19 U	321994	5789700					Sub-Angular Quartzite
B	489558	19 U	322445	5790051					quartzite
O	489559	19 U	321339	5790054					quartzite
B	489560	19 U	321272	5790437					quartzite

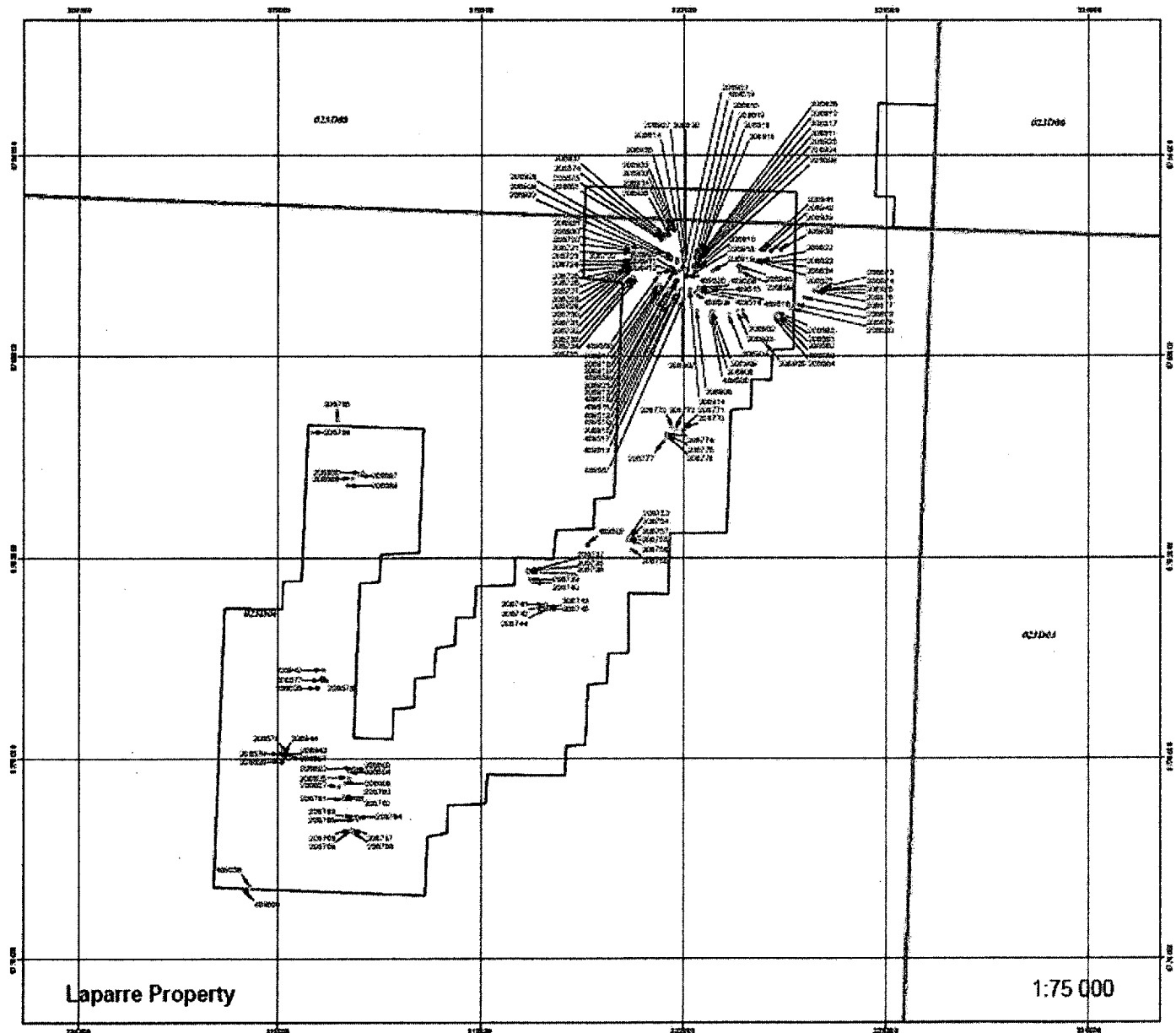


Fig. 8- SAMPLES LOCATION LAPARRE CLAIM BLOCK

BEAVER LAKE CLAIM BLOCK

The Beaver Lake Claim Block has been the site of prospecting over outcropping areas since no aerial survey was flown over that claim block before the end of the prospecting activities.

Topographic maps at 1:50000 scale were used to select areas of positive topographic relief and, scout rounds with the helicopter permitted to locate sub outcropping areas where prospecting crews would be sent to make traverses.

This claim block was found to be occupied mainly by granitic gneisses and pegmatite dykes. Those later pegmatite dykes returned fairly good scintillometer response and were sampled at several sites.

A total of 45 samples were collected from that claim block (20 from outcrops and 25 from blocks or unidentified source) where outcrops are relatively scarce.

The best results obtained from those samples returned 0,10 % U, 0,018% U from blocks (206716, 206715), and 0,019%, 0,014%, 0,012% U (from channel samples 206571 to 206573).

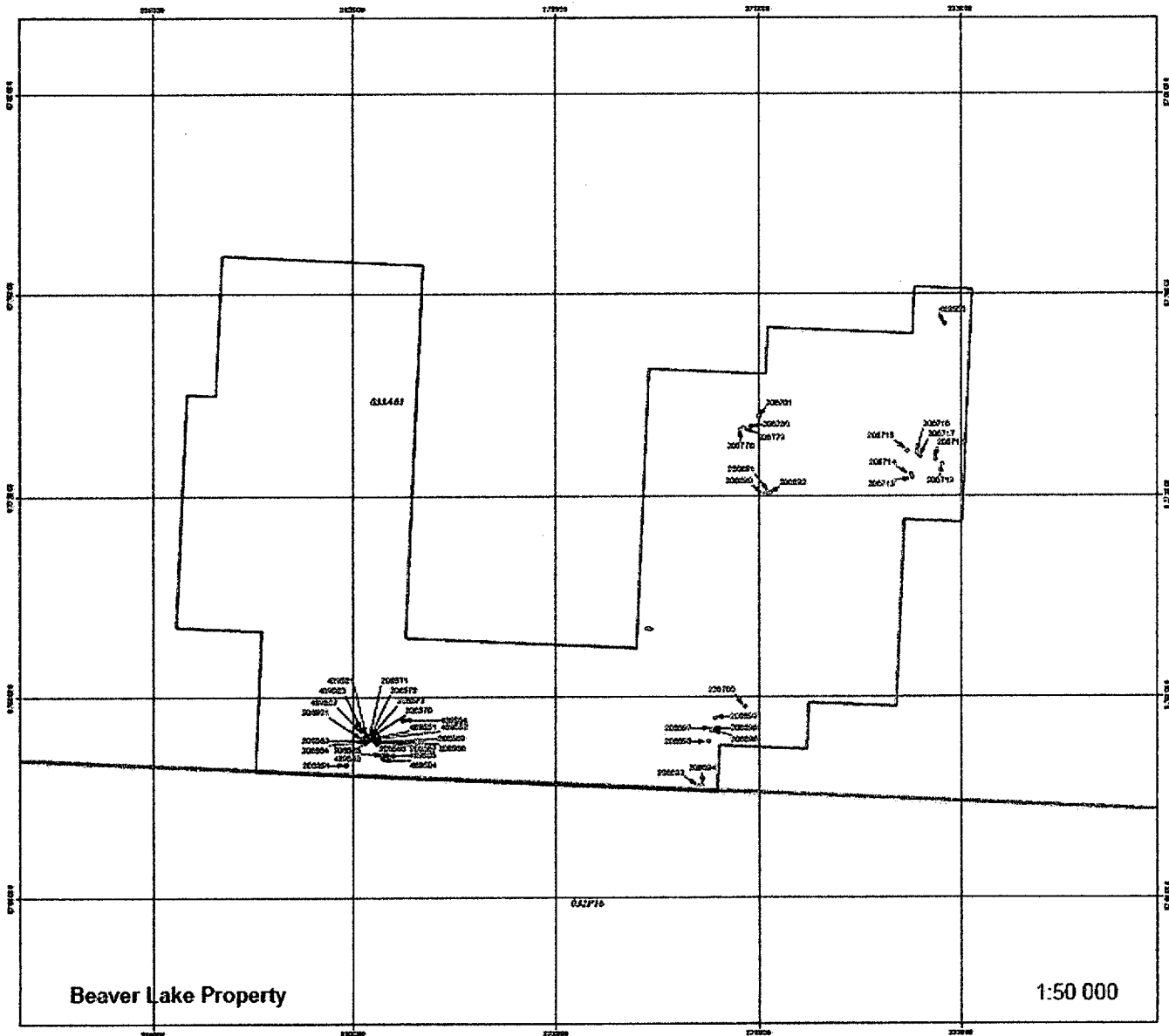


Fig. 9- SAMPLES LOCATION BEAVER LAKE CLAIM BLOCK

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT PROSPECTING SUMMER 2007**

BEAVER LAKE SAMPLES DESCRIPTION

Outcrop Boulder (B)	NAD 83				Radiometrics (cps)				Description
	Sample #	Zone	Easting	Northing	GR-110	McPhar			
					T1	T1	T2	T3	
O	206563	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206564	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206565	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206566	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206567	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206568	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206569	18-U	680155	5765033		20000			granitic gneiss+Peg.(Channel sample)
O	206570	18-U	680127	5765078		25000			granitic gneiss+Peg.(Channel sample)
O	206571	18-U	680127	5765078		25000			granitic gneiss+Peg.(Channel sample)
O	206572	18-U	680127	5765078		25000			granitic gneiss+Peg.(Channel sample)
O	206573	18-U	680127	5765078		25000			granitic gneiss+Peg.(Channel sample)
B	206690	18	687479	5770531					biotite paragneiss
B	206691	18	687556	5770560					tonalite with magnetite
B	206692	18	687595	5770566					tonalite with magnetite
B	206693	18	686670	5764616					arenitic conglomerate with quartz pebbles
B	206694	18	686747	5764635					arenitic conglomerate with quartz pebbles
B	206695	18	686795	5765524					greenish epidotized quartzite
B	206696	18	686840	5765755					epidotized arenitic conglomerate with quartz pebbles
B	206697	18	686835	5765757					epidotized arenitic conglomerate with quartz pebbles
B	206698	18	686855	5765780					conglomeratic arkose with rounded quartz pebbles
B	206699	18	686891	5766014					hematized fine grained arkose
B	206700	18	687450	5766276					medium grained arkose, slightly epidotized
B	206713	18	690362	5771086	2000				biotite rich granodiorite
B	206714	18	690335	5771140	2500				pegmatitic granodiorite
B	206715	18	690218	5771618	18000				paragneiss injected by pegmatite (pegmatite)
B	206716	18	690423	5771572	25000				pegmatite
B	206717	18	690476	5771523	2000				paragneiss injected by pegmatite (pegmatite)
B	206718	18	690793	5771493	4300				pegmatitic granodiorite
B	206719	18	690932	5771417	2000				biotite rich tonalite
B	206778	18	686920	5771762	1800				granodiorite

MELKIOR-SANTOY JOINT VENTURE

OTISH URANIUM PROJECT PROSPECTING SUMMER 2007

BEAVER LAKE SAMPLES DESCRIPTION

Outcrop Boulder (B)	NAD 83				Radiometrics (cps)				Description
	Sample #	Zone	Easting	Northing	GR-110	McPhar			
					T1	T1	T2	T3	
B	206779	18	686978	5771800	2100				granodiorite
O	206780	18	687124	5771847	2100				Pegmatite injection in granodiorite
O	206781	18	687257	5772053	1900				Pegmatite
O	206851	18	679700	5764885					pink pegmatite / tonalite?
O	206901	18	679946	5764815	1183				pink pegmatite / tonalite?
	489501	18U	680052	5765104					no description, native crew
	489502	18U	679943	5765193					no description, native crew
	489503	18U	679943	5765193					no description, native crew
	489504	18U	680410	5764662					no description, native crew
	489505	18U	680490	5764735					no description, native crew
O	489551	18U	680167	5765043	180				Gneissic tonalite or paragneis?
O	489552	18U	680158	5765042	115				Gneissic tonalite or paragneis?
O	489553	18U	680419	5764752	70				Gneiss/Pegmatite?
O	489554	18U	680750	5765454	BG				Pegmatite
O	489555	18U	690755	5774181	85				Pegmatite

OTISH WEST CLAIM BLOCK

The Otish West Claim Block is part of the land package that was not flown with an aerial Mag-Spectro survey before the end of the summer prospecting activities and, in consequence, this area was only covered by basic uranium ground prospecting (hand-held scintillometer).

Only one area, in the south-central part of the claim block, has been sampled, where the host rock is composed of pegmatite dykes hosted within a granodioritic unit.

Twelve samples were collected from this claim block, eleven outcrop samples and one boulder sample. Two of those samples have returned anomalous U values (0,02% from sample 206704) (0,07% from sample 206706).

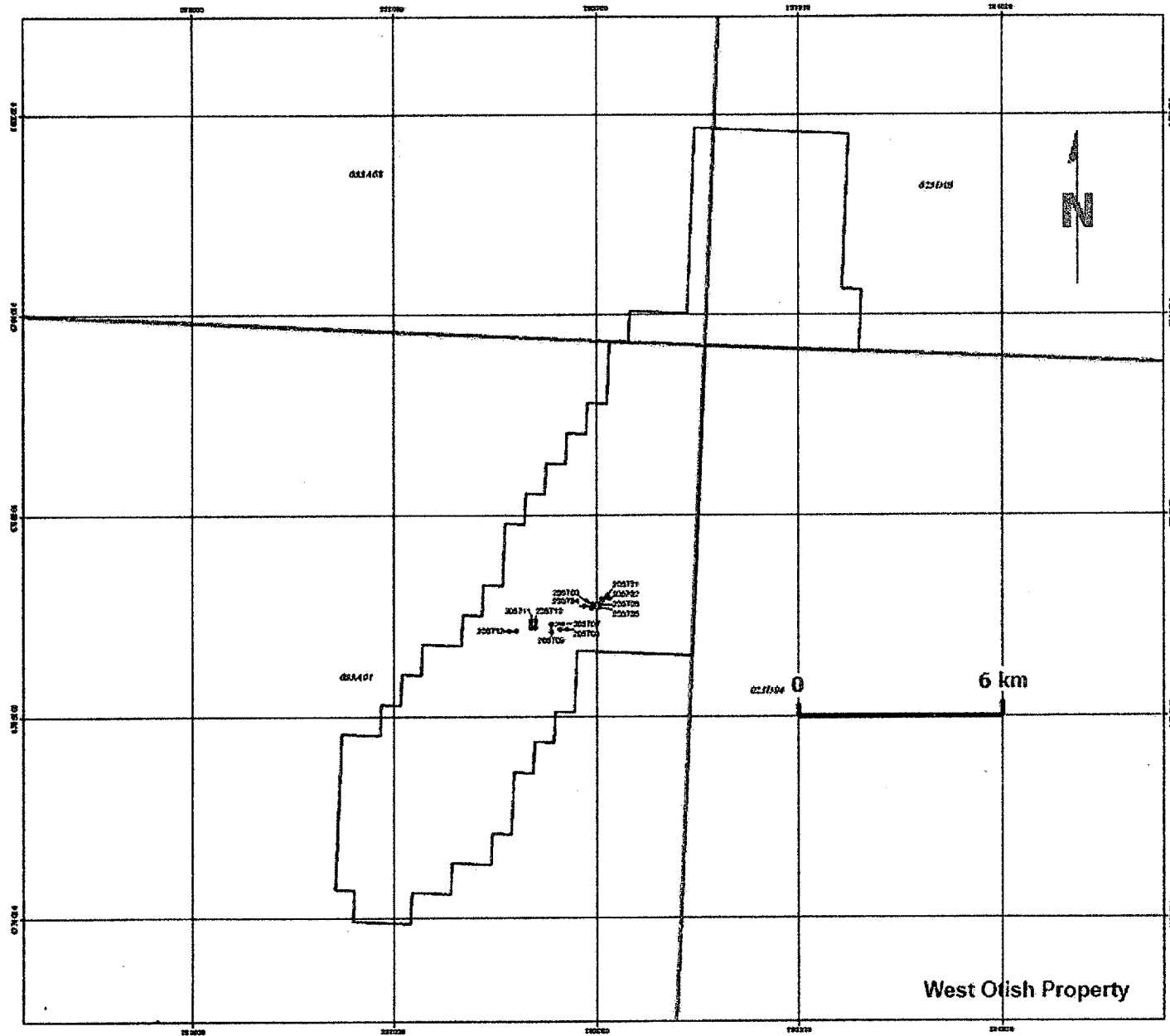


Fig. 10- SAMPLES LOCATION WEST OTISH CLAIM BLOCK

EAST OTISH CLAIM BLOCK

The East Otish Claim Block is another claim block where only hand-held scintillometer prospecting was performed over sub-outcropping areas that were selected from topographic maps and local scouting out by helicopter.

These prospecting task lead to the collecting of 42 samples (8 from outcrops and 34 from boulders). The boulders are mainly composed of granitic pegmatite, granodiorite and hematized micro-conglomerate. The outcrop samples have been collected from pegmatite, syenite and quartzite. One of the outcropping areas is located at the very limit of the northern boundary of the claim block. Pegmatite dykes believed to be hosted within a granodioritic unit occupy this later area. The second outcropping site is located some 10 km further south and is composed of a faulted quartzite.

Some of the conglomeratic boulders sampled in the southwestern portion of the claim block have a fairly high radioactivity level (13000 to 14000 cps). Sample 206796, collected from a hematized micro-conglomerate boulder, returned 0,018% U.

It is believed that with the completion of an aerial Mag-Spectro survey, several targets could be generated for ground prospecting follow-up over selected areas of that claim block.

**MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT PROSPECTING SUMMER 2007**

EAST OTISH BLOCK, SAMPLES DESCRIPTION

Outcrop (O) Boulder (B)	NAD 83				Radiometrics (cps)				Description
	Sample #	Zone	Easting	Northing	GR-110	McPhar			
					T1	T1	T2	T3	
B	206791	19	388302	5785346	2600				Boulder, Tonalite injected by pegmatite
B	206792	19	388866	5785310	3400				Boulder, pegmatite
B	206793	19	388909	5785294	3800				Boulder, hematized mico-conglomerate
B	206794	19	388918	5785294	5600				Boulder, hematized mico-conglomerate
B	206795	19	388980	5785294	13000				Boulder, hematized mico-conglomerate
B	206796	19	388980	5785294	14000				Boulder, hematized mico-conglomerate
B	206797	19	389039	5785288	6900				Boulder, hematized mico-conglomerate
B	206798	19	389084	5785264	6300				Boulder, hematized mico-conglomerate
B	206799	19	389084	5785264	6300				Boulder, hematized mico-conglomerate
B	206800	19	389135	5785280	9600				Boulder, hematized mico-conglomerate
B	206801	19	389196	5785322	5600				Boulder, hematized mico-conglomerate
B	206802	19	393989	5787714	3000				Boulder, Tonalite injected by pegmatite
B	206803	19	394861	5787687	B.G.				Boulder, Tonalite
B	206804	19	395131	5787870	2500				Boulder, tonalite injected by pegmatitic granodiorite
B	206805	19	395322	5787729	5400				Boulder, pegmatite
B	206806	19	395466	5787779	4900				Boulder, arkose
B	206807	19	395772	5787742	2500				Boulder, tonalite
B	206808	19	395888	5787654	4500				Boulder, pegmatite
B	206809	19	390249	5786764	2000				Boulder, tonalite injected by pegmatite
B	206810	19	390324	5786741	2000				Boulder, tonalite injected by pegmatite
B	206811	19	390677	5786649	B.G.				Boulder, tonalite injected by pegmatite
B	206812	19	390896	5786631	2400				Boulder, pegmatite with a tonalitic composition
B	206813	19	391522	5786124	3100				Boulder, pegmatite with a tonalitic composition
B	206814	19	391672	5785977	2700				Boulder, tonalite injected by pegmatite
B	206815	19	392006	5785632	4500				Boulder, granodiorite
O	206816	19	408130	5814816	5500				Pegmatite
O	206817	19	408180	5814780	14000				Pegmatite
O	206818	19	408194	5814739	10000				Pegmatite
O	206819	19	408194	5814739	26000				Pegmatite
O	206820	19	408194	5814739	15000				Pegmatite
O	206821	19	408268	5814664	3000				Pegmatite
B	206822	19	410120	5813573	2000				Boulder, tonalite
O	206823	19	410483	5813016	2000				Syenite

MELKIOR-SANTOY JOINT VENTURE
OTISH URANIUM PROJECT PROSPECTING SUMMER 2007

EAST OTISH BLOCK, SAMPLES DESCRIPTION

Outcrop (O) Boulder (B)	NAD 83				Radiometrics (cps)				Description
	Sample #	Zone	Easting	Northing	GR-110	McPhar			
					T1	T1	T2	T3	
B	206824	19	407724	5793695	B.G.				Boulder, Pegmatite
B	206825	19	408170	5793519	3600				Boulder, Pegmatite
B	206826	19	408305	5793463	5800				Boulder, Pegmatite
B	206827	19	409042	5793232	6800				Boulder, tonalite
B	206786	19	407468	5799599	2800				Boulder, pegmatite containing graphite
B	206787	19	408785	5799597	1700				Boulder, granodiorite
B	206788	19	408785	5799597	2500				Boulder, granodiorite
O	206789	19	409587	5799796	1800				Fault zone in quartzite
B	206790	19	410078	5799884	2300				Boulder, migmatite

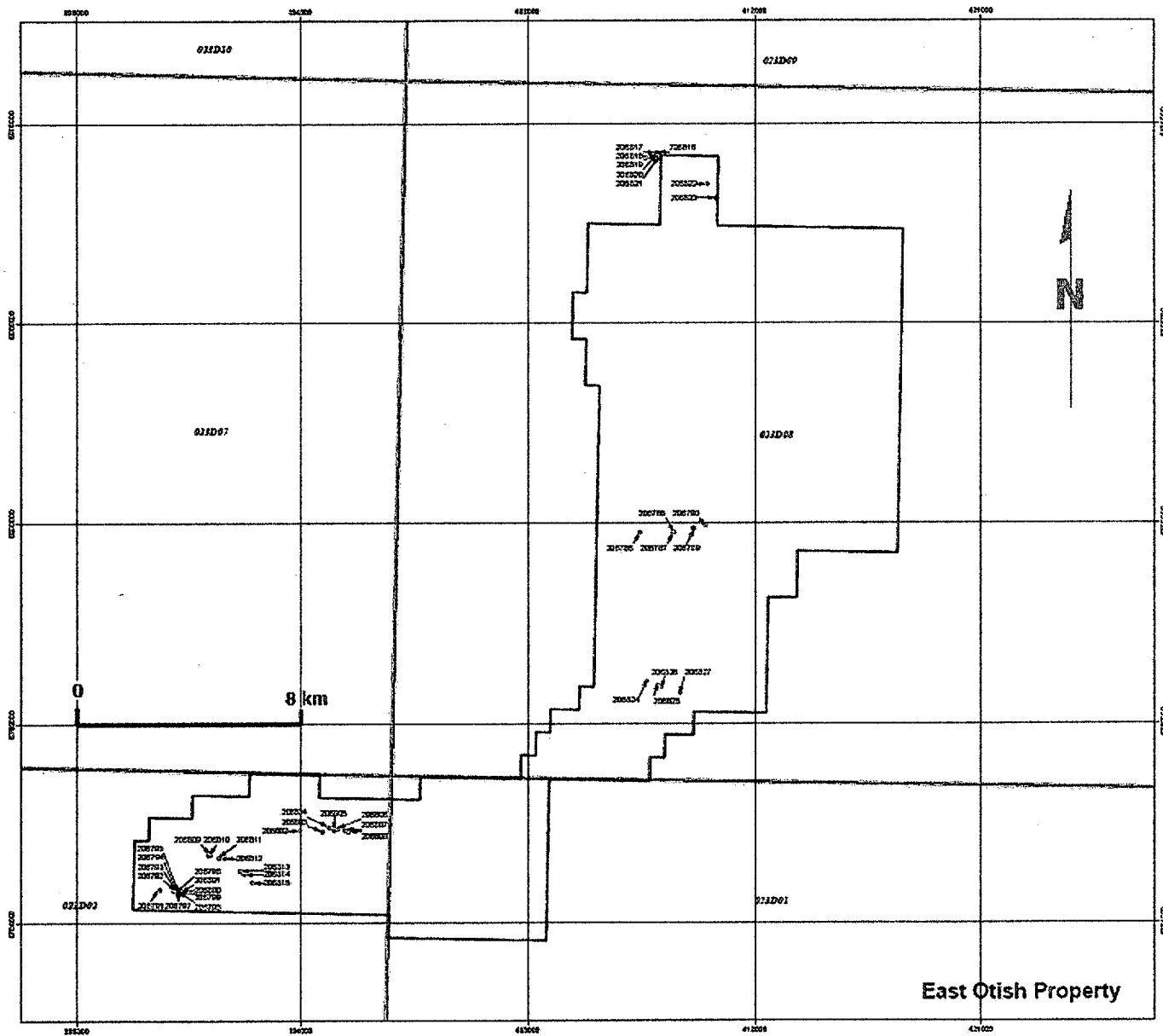


Fig. 11- EAST OTISH CLAIM BLOCK' SAMPLES LOCALISATION

CONCLUSION

This basic ground prospecting program over five different claim blocks within the Otish uranium Project area, has permitted to locate some radioactive lithologies in the Otish sedimentary Basin as well as in Archean basement lithologies.

Two main types of radioactive lithologies have been observed and sampled along the prospecting program. The radioactive lithologies sampled within the Otish Sedimentary Basin (Marc-André, LaParre and East Otish blocks) are mainly associated to thin quartz-pebbles conglomeratic layers hosted in coarse-grained quartz-arenitic sequences. However, The Marc-André uranium occurrence is closely associated to a gabbroic intrusive dyke. This later geological setting is also observed at the Matoush uranium deposit where the proposed model favours the perched body setting.

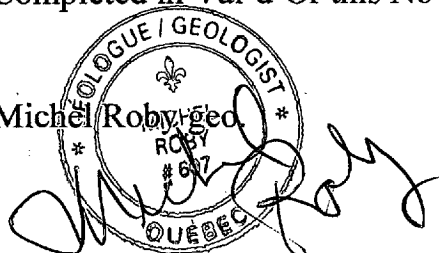
Although no gabbroic outcrops have been recorded in the other claim blocks, the Mag-Spectro survey over the LaParre block shows several linear high-mag trends that are most likely caused by intrusive mafic dykes. Since several uranium occurrences in the Otish Basin are closely associated to these later mafic dykes and parallel fault zones, it would be advisable to concentrate the next phase of prospecting in the vicinity of these lithological features.

The second type of radioactive lithology is associated to pegmatite dykes hosted within gneissic granitic basement rocks of Archean age. This later type of radioactive lithology was observed within the Beaver Lake, Otish West and Otish East claim blocks. Although the uranium assay results were relatively low, between 0,012 to 0,019 % U, it is a clear evidence of the potential to host higher-grade zones within that later type of lithology. A future Mag-Spectro survey covering these claim blocks should generate a number of targets to be followed-up by ground prospecting.

Finally, all the assay results should be analyzed by a uranium oriented geochemist to find possible pathfinder elements that would indicate local alteration haloes and generate follow-up targets.

Completed in Val-d'Or this November 10th 2008

Michel Roby, Geol.
67



APPENDIX I

ASSAY RESULTS PARTIAL DIGESTION

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
 Date: July 31, 2007

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 4

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
 Arsenic in ppm (As)
 Bismuth in ppm (Bi)
 Cobalt in ppm (Co)
 Copper in ppm (Cu)

Germanium in ppm (Ge)
 Mercury in ppm (Hg)
 Molybdenum in ppm (Mo)
 Nickel in ppm (Ni)
 Lead in ppm (Pb)

Antimony in ppm (Sb)
 Selenium in ppm (Se)
 Tellurium in ppm (Te)
 Uranium in ppm (U, ICP)
 Vanadium in ppm (V)

Zinc in ppm (Zn)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm
CG515/LS4/BM	0.1	12.2	1.2	39.6	49.6	<0.2	<0.2	13.3	51.3	25.7	<0.2	<0.2	<0.2	33.5	104	207
206551	<0.1	1.5	11.1	57.0	<0.1	<0.2	<0.2	<0.1	121	210	<0.2	<0.2	1.2	2720	112	139
206552	<0.1	1.4	4.7	30.5	<0.1	<0.2	<0.2	0.5	190	85.2	<0.2	<0.2	<0.2	1200	53.1	61.0
206551 R	<0.1	1.3	10.2	57.9	<0.1	<0.2	<0.2	0.3	124	213	<0.2	<0.2	0.4	2780	114	142

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95 C.
 The standard is LS4.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
 Date: July 31, 2007

Melkior Resources Inc.

Attention: Jens E. Hansen
 PO #/Project:
 Samples: 3

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
 Arsenic in ppm (As)
 Bismuth in ppm (Bi)
 Cobalt in ppm (Co)
 Copper in ppm (Cu)

Germanium in ppm (Ge)
 Mercury in ppm (Hg)
 Molybdenum in ppm (Mo)
 Nickel in ppm (Ni)
 Lead in ppm (Pb)

Antimony in ppm (Sb)
 Selenium in ppm (Se)
 Tellurium in ppm (Te)
 Uranium (Fluorimetry) in ppm (U, Fl.)
 Vanadium in ppm (V)

Zinc in ppm (Zn)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4/BM	<0.1	13.3	1.6	39.8	47.3	<0.2	<0.2	12.6	49.8	24.5	<0.2	<0.2	<0.2	30.8	96.8	205
206553	<0.1	<0.2	0.4	0.3	0.9	<0.2	<0.2	0.8	6.2	1.10	<0.2	<0.2	<0.2	6.6	6.2	1.6
206553 R	<0.1	<0.2	0.3	0.4	0.8	<0.2	<0.2	0.6	5.3	1.08	<0.2	<0.2	0.3	4.1	5.8	1.2

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO₃:HCl for 1 hour at 95 C.
 The standard is LS4.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 4

Date of Report: September 29, 2007

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
 Arsenic in ppm (As)
 Bismuth in ppm (Bi)
 Cobalt in ppm (Co)
 Copper in ppm (Cu)

Germanium in ppm (Ge)
 Mercury in ppm (Hg)
 Molybdenum in ppm (Mo)
 Nickel in ppm (Ni)
 Lead in ppm (Pb)

Antimony in ppm (Sb)
 Selenium in ppm (Se)
 Tellurium in ppm (Te)
 Uranium (Fluorimetry) in ppm (U, Fl.)
 Vanadium in ppm (V)

Zinc in ppm (Zn)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	0.2	12.2	1.5	38.7	48.8	<0.2	<0.2	13.4	50.2	23.5	<0.2	0.7	<0.2	31.9	97.5	207
206656	<0.1	6.6	0.2	1.7	13.1	<0.2	<0.2	1.2	3.3	3.52	0.2	<0.2	<0.2	3.80	6.5	3.4
206657	<0.1	0.7	0.9	13.7	9.6	0.3	<0.2	0.4	54.6	6.61	<0.2	<0.2	<0.2	7.50	31.8	14.1
206656 R	<0.1	7.0	<0.2	1.5	12.3	<0.2	<0.2	1.1	3.5	3.44	0.4	<0.2	<0.2	4.04	6.3	3.7

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95C.
 The standard is LS4.

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 18

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Date of Report: September 29, 2007

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 18

Date of Report: September 29, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm
CG515/LS4	<0.1	12.6	1.2	39.8	51.0	<0.2	<0.2	13.4	48.6	25.2	<0.2	<0.2	<0.2	33.1	103	220
206556	<0.1	1.2	91.7	2.4	39.0	<0.2	<0.2	1.1	3.7	32.9	<0.2	0.3	0.9	68.4	40.8	2.3
206557	<0.1	1.2	177	4.1	80.6	<0.2	<0.2	1.2	7.6	51.7	<0.2	1.0	1.2	481	70.0	4.2
206558	<0.1	0.6	96.8	4.4	39.0	<0.2	<0.2	0.8	8.9	21.2	<0.2	<0.2	1.4	41.9	44.7	3.1
206559	<0.1	1.2	148	3.5	21.7	<0.2	<0.2	1.0	7.7	19.5	<0.2	0.7	2.5	48.7	56.7	2.2
206560	<0.1	0.4	67.0	3.4	21.1	<0.2	<0.2	0.6	8.5	16.3	0.5	0.7	0.8	31.1	49.0	2.0
206561	<0.1	0.3	1.9	18.9	10.3	0.2	<0.2	0.4	32.3	18.3	<0.2	<0.2	0.2	58.1	56.6	6.0
206562	<0.1	2.0	91.5	17.4	36.1	<0.2	<0.2	0.9	37.6	101	<0.2	3.0	1.2	523	91.8	5.8
206651	<0.1	<0.2	223	33.7	69.6	<0.2	<0.2	0.9	55.3	48.4	<0.2	1.9	0.9	118	86.4	9.6
206652	<0.1	0.4	2.3	0.8	26.7	<0.2	<0.2	0.8	2.5	42.4	<0.2	0.7	0.4	294	22.7	0.6
206653	<0.1	0.8	4.7	5.4	160	<0.2	<0.2	2.9	5.4	124	<0.2	<0.2	0.2	358	36.9	4.2
206654	<0.1	1.0	7.0	3.0	97.7	<0.2	<0.2	1.3	3.4	127	<0.2	<0.2	0.6	512	30.6	5.1
206655	<0.1	0.7	0.9	2.8	79.3	<0.2	<0.2	0.7	4.4	124	<0.2	<0.2	0.7	684	51.0	3.6
206652 R	<0.1	0.7	2.6	1.0	27.3	<0.2	<0.2	0.8	2.4	44.0	<0.2	0.7	<0.2	303	27.6	0.7
CG515/LS4	<0.1	11.4	0.8	38.9	48.8	<0.2	<0.2	12.9	48.0	25.1	<0.2	1.1	<0.2	32.6	99.7	216
206554	<0.1	12.7	22.4	7.7	74.6	<0.2	<0.2	0.8	12.4	116	<0.2	<0.2	1.4	1350	101	11.4
206555	<0.1	3.4	35.6	5.5	127	<0.2	<0.2	0.7	8.4	117	<0.2	0.5	1.4	1490	97.5	14.2
206555 R	<0.1	3.0	34.8	5.3	130	<0.2	<0.2	0.8	8.6	116	<0.2	<0.2	1.6	1520	95.9	14.1

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO₃:HCl for 1 hour at 95 C.
 The standard is LS4.

Samples with Uranium values >100 ppm are Uranium ICP.

Samples with Uranium values <100 ppm are Uranium Fluorimetry.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Melkior Resources Inc.

Attention: Jens E Hansen

PO #/Project:

Samples: 18

Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 18

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Report No: 07-995

Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm
CG515/LS4	<0.1	13.1	1.0	40.1	48.7	<0.2	<0.2	14.0	50.8	23.6	<0.2	<0.2	<0.2	38.1	108	212
206688	<0.1	<0.2	1.9	0.5	3.7	<0.2	<0.2	1.5	3.1	8.81	0.2	0.3	1.4	11.6	1.0	1.8
206703	<0.1	0.7	2.0	7.8	18.1	0.2	<0.2	26.4	31.7	68.2	<0.2	<0.2	1.5	70.1	42.6	38.6
206704	<0.1	<0.2	5.4	3.6	8.6	<0.2	<0.2	8.0	12.9	158	<0.2	<0.2	2.3	193	16.0	26.5
206705	<0.1	1.1	6.1	8.4	22.9	<0.2	<0.2	2.7	29.7	75.4	<0.2	<0.2	5.2	74.1	41.0	64.2
206706	<0.1	1.2	6.9	11.2	31.3	0.3	<0.2	188	44.0	337	<0.2	<0.2	6.1	686	90.2	69.4
206714	<0.1	<0.2	3.1	10.8	15.0	<0.2	<0.2	2.5	42.8	26.2	<0.2	<0.2	3.8	19.6	53.8	113
206715	<0.1	<0.2	1.9	8.2	55.4	<0.2	<0.2	15.6	31.9	134	<0.2	<0.2	1.9	188	20.6	45.1
206716	<0.1	1.9	4.6	18.6	38.1	0.2	<0.2	1.4	72.9	510	<0.2	<0.2	6.0	966	123	122
206733	<0.1	1.9	1.8	0.4	4.8	<0.2	<0.2	0.9	2.7	14.8	<0.2	0.3	0.8	6.0	2.2	1.2
206734	<0.1	5.0	3.2	0.2	7.1	<0.2	<0.2	0.6	1.5	18.3	<0.2	<0.2	0.8	3.9	2.4	1.4
206749	<0.1	<0.2	0.5	14.8	1.6	0.4	<0.2	2.4	30.3	6.72	0.3	0.5	<0.2	6.8	49.5	11.1
206752	<0.1	<0.2	6.5	46.4	1.9	<0.2	<0.2	1.8	185	176	<0.2	<0.2	<0.2	2460	96.1	126
206754	<0.1	<0.2	1.0	0.2	2.4	<0.2	<0.2	1.0	2.6	1.4	0.4	<0.2	0.5	3.7	2.3	0.7
206756	<0.1	0.6	2.2	<0.1	3.1	<0.2	<0.2	0.5	1.7	16.2	0.5	<0.2	1.7	4.9	5.0	1.2
206757	<0.1	<0.2	2.0	0.4	3.9	<0.2	<0.2	1.2	2.6	14.0	0.3	<0.2	1.4	5.3	5.5	0.6
206759	<0.1	<0.2	2.1	3.1	2.9	<0.2	<0.2	2.3	10.4	41.8	0.4	<0.2	0.6	88.1	17.0	20.6
206757 R	<0.1	0.4	2.4	0.4	3.7	<0.2	<0.2	1.1	2.2	13.2	0.4	<0.2	1.2	5.10	5.2	1.2

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95 C.
 The standard is LS4.

Samples with Uranium values >100 ppm are Uranium ICP.

Samples with Uranium values <100 ppm are Uranium Fluorimetry.

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Report No: 07-995

Melkior Resources Inc.
Attention: Jens E Hansen
PO #/Project:
Samples: 94

Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)

SRC Geoanalytical Laboratories

Melkior Resources Inc.
 Attention: Jens E Hansen
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 Samples: 94

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Report No: 07-995

Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl ppm	V ppm	Zn ppm
CG515/LS4	<0.1	13.0	1.3	40.3	46.1	<0.2	<0.2	11.7	50.4	23.7	<0.2	<0.2	<0.2	29.4	97.6	198
206658	<0.1	<0.2	3.0	29.2	1.3	<0.2	<0.2	0.8	84.5	5.79	0.7	<0.2	0.3	17.4	102	19.7
206659	<0.1	<0.2	2.2	32.0	0.5	<0.2	<0.2	0.5	122	9.51	0.3	<0.2	<0.2	24.5	105	22.1
206660	<0.1	0.4	4.1	2.3	0.3	<0.2	<0.2	0.2	5.0	2.50	0.6	<0.2	<0.2	5.66	28.2	2.3
206661	<0.1	<0.2	3.0	1.7	0.1	<0.2	<0.2	0.2	3.7	2.88	<0.2	<0.2	<0.2	4.58	25.4	2.0
206662	<0.1	0.2	0.6	2.1	<0.1	<0.2	<0.2	0.4	6.3	4.91	0.3	<0.2	<0.2	6.57	34.0	1.8
206663	<0.1	<0.2	0.9	1.8	<0.1	<0.2	<0.2	0.4	5.0	4.12	1.1	<0.2	<0.2	5.85	33.2	1.4
206664	<0.1	1.1	9.1	4.0	3.2	<0.2	<0.2	0.8	8.5	13.1	0.3	<0.2	<0.2	13.3	47.7	2.3
206665	<0.1	0.4	0.4	1.5	<0.1	<0.2	<0.2	0.5	4.1	4.30	1.0	<0.2	<0.2	9.78	28.1	1.6
206666	<0.1	2.5	0.4	0.4	1.0	<0.2	<0.2	1.1	1.8	1.52	<0.2	<0.2	<0.2	1.17	1.9	<0.1
206667	<0.1	<0.2	<0.2	0.3	0.6	<0.2	<0.2	1.0	3.7	1.43	0.8	<0.2	<0.2	3.14	5.3	1.0
206668	<0.1	<0.2	0.2	0.3	0.5	<0.2	<0.2	0.5	1.7	0.51	0.2	<0.2	<0.2	0.40	1.2	0.7
206669	<0.1	0.7	0.4	0.2	1.1	<0.2	<0.2	0.4	1.9	1.86	<0.2	<0.2	<0.2	0.66	2.3	0.7
206670	<0.1	<0.2	0.4	0.3	2.5	<0.2	<0.2	0.8	3.2	0.62	0.5	<0.2	<0.2	0.53	0.8	1.0
206671	<0.1	1.0	0.3	3.7	23.3	0.3	<0.2	0.6	11.8	3.35	<0.2	<0.2	<0.2	0.66	72.2	3.5
206672	<0.1	0.3	0.9	0.3	2.4	<0.2	<0.2	1.0	3.4	5.54	<0.2	0.2	<0.2	1.67	2.2	0.6
206673	<0.1	<0.2	0.6	0.2	1.1	<0.2	<0.2	0.4	1.7	1.84	<0.2	0.2	<0.2	0.46	1.4	1.7
206674	<0.1	0.5	1.0	0.6	2.7	<0.2	<0.2	1.5	4.6	1.24	<0.2	<0.2	<0.2	0.48	6.0	0.7
206675	<0.1	0.3	0.6	0.6	1.9	<0.2	<0.2	1.8	4.2	1.61	<0.2	0.2	<0.2	0.53	2.4	0.7
206676	<0.1	0.3	0.4	0.3	1.5	<0.2	<0.2	0.7	2.0	1.72	<0.2	<0.2	<0.2	0.32	1.1	0.5
CG515/LS4	<0.1	13.6	1.4	40.1	47.2	<0.2	<0.2	11.7	48.9	24.7	<0.2	0.4	<0.2	32.2	99.2	203
206677	<0.1	0.2	0.2	0.3	1.2	<0.2	<0.2	0.8	1.8	2.12	<0.2	<0.2	<0.2	0.29	1.3	0.8
206678	<0.1	0.3	0.5	0.4	1.2	<0.2	<0.2	0.7	2.6	0.84	<0.2	<0.2	<0.2	0.39	1.6	0.6
206679	<0.1	<0.2	0.6	0.4	2.2	<0.2	<0.2	1.0	3.8	1.99	<0.2	<0.2	<0.2	0.54	2.7	0.4
206680	<0.1	0.8	0.6	0.3	1.5	<0.2	<0.2	1.0	2.6	2.80	<0.2	0.3	<0.2	0.31	1.4	0.8
206681	<0.1	<0.2	0.4	2.3	1.6	<0.2	<0.2	5.9	2.2	6.47	0.3	<0.2	<0.2	1.18	11.8	41.8
206682	<0.1	1.2	0.4	0.2	3.2	<0.2	<0.2	0.3	2.3	9.64	<0.2	0.3	<0.2	0.44	1.1	0.6
206683	<0.1	2.6	1.1	0.2	3.8	<0.2	<0.2	<0.1	2.2	13.3	<0.2	0.3	0.4	0.59	1.5	0.6
206684	<0.1	<0.2	0.4	0.3	1.9	<0.2	<0.2	0.5	2.3	2.32	<0.2	0.2	<0.2	0.61	0.9	0.8
206685	<0.1	1.3	0.4	<0.1	2.3	<0.2	<0.2	<0.1	1.3	12.1	<0.2	<0.2	<0.2	0.50	1.6	0.7
206686	<0.1	1.8	0.8	0.8	4.4	<0.2	<0.2	1.7	5.6	2.63	<0.2	<0.2	<0.2	0.54	1.1	0.8
206687	<0.1	0.6	0.6	0.7	2.2	<0.2	<0.2	2.2	5.3	2.62	<0.2	<0.2	<0.2	0.49	1.2	0.6
206689	<0.1	13.9	0.6	0.1	1.1	<0.2	<0.2	1.5	0.4	23.5	<0.2	<0.2	<0.2	13.8	6.0	<0.1
206690	0.1	0.7	2.0	18.4	34.2	<0.2	<0.2	1.8	55.0	10.2	<0.2	<0.2	1.1	1.38	92.9	72.5
206691	<0.1	0.4	0.6	1.2	0.8	<0.2	<0.2	0.7	2.3	11.4	<0.2	<0.2	<0.2	2.47	5.1	24.6
206692	<0.1	0.4	0.5	0.8	2.1	<0.2	<0.2	0.9	3.1	3.63	<0.2	<0.2	<0.2	0.91	4.2	6.9
206693	<0.1	25.3	1.2	0.3	2.0	<0.2	<0.2	0.9	2.6	6.99	<0.2	<0.2	0.5	1.90	1.2	0.8
206694	<0.1	1.1	0.8	0.4	2.5	<0.2	<0.2	0.6	2.7	3.04	<0.2	0.5	0.4	0.60	1.1	0.7
206695	<0.1	<0.2	0.6	0.4	1.6	<0.2	<0.2	0.9	1.8	8.81	<0.2	<0.2	1.0	6.08	1.3	0.4
206691 R	<0.1	0.2	1.0	1.1	0.9	<0.2	<0.2	0.7	1.8	11.6	0.4	<0.2	<0.2	2.41	4.5	23.8

SRC Geoanalytical Laboratories

Report No: 07-995

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 Samples: 94

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Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	<0.1	14.4	1.3	40.6	47.1	<0.2	<0.2	11.7	51.7	24.1	<0.2	<0.2	<0.2	30.1	98.2	198
206696	<0.1	<0.2	0.6	0.4	1.5	<0.2	<0.2	0.7	2.6	2.10	<0.2	<0.2	0.2	1.19	2.0	0.9
206697	<0.1	<0.2	0.6	0.3	2.1	<0.2	<0.2	0.7	2.9	2.25	<0.2	<0.2	<0.2	0.77	1.0	0.8
206698	<0.1	<0.2	0.7	0.3	2.1	<0.2	<0.2	0.5	1.4	18.8	0.4	<0.2	1.0	13.1	1.2	0.8
206699	<0.1	0.6	0.3	0.2	0.5	<0.2	<0.2	0.5	1.5	3.36	0.2	0.2	<0.2	0.70	2.2	0.5
206700	<0.1	<0.2	0.3	0.3	0.7	<0.2	<0.2	1.0	2.1	1.43	<0.2	0.3	<0.2	0.35	0.8	0.9
206701	<0.1	<0.2	1.5	7.6	8.4	<0.2	<0.2	0.9	12.8	21.9	<0.2	<0.2	1.0	1.69	25.3	62.5
206702	<0.1	<0.2	0.6	2.8	2.8	<0.2	<0.2	1.7	7.5	8.73	<0.2	<0.2	<0.2	5.24	13.7	16.8
206707	<0.1	1.0	1.0	2.5	0.8	<0.2	<0.2	1.2	7.2	10.9	<0.2	<0.2	0.6	4.63	14.4	27.0
206708	<0.1	0.2	0.7	1.0	6.0	<0.2	<0.2	0.8	3.9	7.41	<0.2	<0.2	<0.2	2.09	5.3	7.1
206709	<0.1	0.3	0.6	1.4	12.0	<0.2	<0.2	1.1	1.9	5.24	0.3	<0.2	<0.2	0.63	7.4	9.5
206710	<0.1	0.4	0.9	1.6	1.9	<0.2	<0.2	0.7	3.2	13.0	<0.2	<0.2	0.4	2.41	11.4	15.9
206711	<0.1	0.5	0.8	1.5	2.3	<0.2	<0.2	1.0	4.9	6.99	<0.2	<0.2	<0.2	0.91	10.2	15.2
206712	<0.1	0.7	1.0	1.3	1.9	<0.2	<0.2	0.7	3.6	8.97	0.7	<0.2	0.4	5.70	11.5	16.5
206713	<0.1	1.5	1.7	16.5	6.8	<0.2	<0.2	0.8	87.2	4.98	<0.2	<0.2	1.7	1.89	71.5	142
206717	<0.1	1.1	0.8	15.0	10.4	<0.2	<0.2	25.7	47.2	6.67	<0.2	<0.2	<0.2	21.2	45.5	68.0
206718	<0.1	1.2	2.0	11.3	15.3	<0.2	<0.2	3.1	44.2	44.7	<0.2	<0.2	1.3	28.1	52.0	61.2
206719	<0.1	<0.2	0.5	10.1	80.0	<0.2	<0.2	1.2	17.1	27.5	<0.2	<0.2	<0.2	22.4	40.7	51.3
206720	<0.1	0.3	0.8	0.4	2.6	<0.2	<0.2	1.1	2.8	2.85	<0.2	<0.2	0.4	1.21	0.9	1.0
206721	<0.1	<0.2	0.8	0.3	2.7	<0.2	<0.2	1.0	2.4	3.38	<0.2	<0.2	0.4	1.29	1.1	0.9
CG515/LS4	<0.1	13.4	0.7	42.0	49.6	<0.2	<0.2	12.1	52.1	25.1	<0.2	<0.2	<0.2	29.3	103	204
206722	<0.1	0.4	0.6	0.4	1.7	<0.2	<0.2	0.8	2.5	2.57	<0.2	<0.2	<0.2	1.42	0.9	0.8
206723	<0.1	1.0	0.9	0.5	3.7	<0.2	<0.2	0.8	3.9	5.16	<0.2	<0.2	<0.2	0.50	1.5	0.9
206724	<0.1	<0.2	1.1	0.4	2.3	<0.2	<0.2	1.1	3.1	3.73	<0.2	<0.2	0.2	1.93	0.8	1.2
206725	<0.1	2.2	0.7	0.5	18.5	<0.2	<0.2	0.2	3.9	4.33	<0.2	<0.2	0.4	0.80	2.1	0.7
206726	<0.1	1.5	0.4	0.5	11.6	<0.2	<0.2	0.8	4.9	2.51	<0.2	0.2	<0.2	0.60	1.3	0.5
206727	<0.1	1.2	0.5	0.3	39.6	<0.2	<0.2	0.5	5.8	3.17	<0.2	<0.2	<0.2	0.55	1.4	0.8
206728	<0.1	1.0	0.5	0.3	5.8	<0.2	<0.2	0.4	2.8	2.15	<0.2	0.2	<0.2	0.58	1.3	0.4
206729	<0.1	1.0	0.6	0.4	7.0	<0.2	<0.2	0.2	2.8	5.72	<0.2	<0.2	<0.2	0.87	1.1	0.5
206730	<0.1	0.5	0.7	0.6	9.9	<0.2	<0.2	1.3	5.5	5.19	<0.2	<0.2	<0.2	0.63	1.0	0.7
206731	<0.1	1.6	0.8	0.6	3.5	<0.2	<0.2	1.4	3.6	5.65	0.4	<0.2	0.2	0.59	1.8	0.8
206732	<0.1	1.0	1.1	0.4	4.5	<0.2	<0.2	0.7	2.7	9.82	<0.2	<0.2	<0.2	0.69	2.0	1.0
206735	<0.1	1.8	0.7	0.2	2.0	<0.2	<0.2	0.9	2.3	5.88	<0.2	<0.2	0.2	0.46	1.0	0.9
206736	<0.1	<0.2	0.2	0.2	0.9	<0.2	<0.2	0.6	1.7	1.21	<0.2	<0.2	<0.2	0.45	1.2	1.1
206737	<0.1	0.5	0.5	0.5	1.9	<0.2	<0.2	0.9	3.5	3.17	<0.2	<0.2	<0.2	0.61	1.4	0.5
206738	<0.1	<0.2	1.1	0.5	3.3	<0.2	<0.2	1.3	3.5	3.76	0.3	<0.2	<0.2	0.58	0.9	0.4
206739	<0.1	0.4	0.6	0.4	2.1	<0.2	<0.2	0.4	2.4	3.40	<0.2	<0.2	<0.2	0.62	1.4	0.7
206740	<0.1	0.8	0.8	0.5	3.6	<0.2	<0.2	1.0	4.8	4.04	<0.2	<0.2	<0.2	0.50	0.9	1.0
206741	<0.1	<0.2	0.7	0.3	2.0	<0.2	<0.2	0.6	2.4	2.24	<0.2	0.3	<0.2	0.62	0.9	1.0
206738 R	<0.1	<0.2	0.8	0.4	3.3	<0.2	<0.2	1.2	3.5	3.70	<0.2	0.3	0.3	0.62	0.9	0.5

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

SRC Geoanalytical Laboratories
 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: 07-995

Date of Report: October 10, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl ppm	V ppm	Zn ppm
CG515/LS4	<0.1	10.9	0.7	39.2	47.5	<0.2	<0.2	13.0	51.3	22.2	<0.2	<0.2	<0.2	28.9	106	204
206742	<0.1	<0.2	1.0	0.4	3.4	<0.2	<0.2	0.9	3.2	1.73	<0.2	<0.2	0.4	1.49	2.3	1.5
206743	<0.1	0.4	0.8	0.2	2.2	<0.2	<0.2	0.4	1.8	2.56	<0.2	<0.2	0.4	1.15	1.9	1.2
206744	<0.1	<0.2	1.0	0.5	2.7	<0.2	<0.2	1.4	4.7	1.00	<0.2	<0.2	0.6	1.92	0.8	1.3
206745	<0.1	<0.2	1.0	0.5	2.4	<0.2	<0.2	2.0	4.2	2.43	<0.2	<0.2	0.7	2.51	1.0	1.1
206746	<0.1	0.4	0.6	0.4	2.5	<0.2	<0.2	1.2	2.9	2.67	<0.2	<0.2	<0.2	0.75	2.8	0.6
206747	<0.1	<0.2	0.5	0.3	1.9	<0.2	<0.2	1.0	2.2	4.17	0.3	<0.2	<0.2	0.39	1.0	0.6
206748	<0.1	<0.2	0.4	0.3	2.0	<0.2	<0.2	0.5	2.1	5.36	<0.2	<0.2	<0.2	0.36	0.7	0.5
206750	<0.1	0.4	0.2	32.7	1.4	0.3	<0.2	2.1	27.9	5.80	<0.2	0.2	<0.2	7.09	39.3	9.5
206751	<0.1	0.2	0.5	0.2	1.7	<0.2	<0.2	0.8	2.5	5.64	0.3	<0.2	<0.2	0.44	1.5	0.7
206753	<0.1	0.2	0.6	0.3	2.3	<0.2	<0.2	0.5	2.7	1.68	<0.2	<0.2	<0.2	0.69	1.6	0.6
206755	<0.1	<0.2	0.7	0.4	3.6	<0.2	<0.2	1.2	4.4	2.36	<0.2	<0.2	<0.2	0.68	1.0	0.4
206758	<0.1	0.5	<0.2	<0.1	1.4	<0.2	<0.2	0.2	0.6	1.70	<0.2	<0.2	<0.2	1.78	2.9	0.8
206753 R	<0.1	<0.2	0.4	0.3	2.2	<0.2	<0.2	0.6	2.5	1.75	0.2	<0.2	0.3	0.63	1.6	0.8

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95C.
 The standard is LS4.

SRC Geoanalytical Laboratories

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Report No: 07-1150

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 6

ICP4.3R Partial Digestion

Date of Report: November 26, 2007

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-1150

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 6

Date of Report: November 26, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	<0.1	14.0	1.9	40.8	52.2	<0.2	<0.2	15.0	50.5	24.2	<0.2	<0.2	<0.2	30.1	101	202
206800	<0.1	0.7	0.8	0.2	7.0	<0.2	<0.2	1.2	4.1	25.4	<0.2	<0.2	1.6	12.6	13.5	4.2
206817	<0.1	<0.2	0.6	1.0	6.2	<0.2	<0.2	2.0	1.7	49.0	<0.2	<0.2	1.0	5.53	8.0	32.6
206819	0.6	0.6	<0.2	13.6	6.2	<0.2	<0.2	1.3	19.8	20.0	<0.2	<0.2	3.1	2.31	51.8	129
206820	0.4	<0.2	<0.2	9.5	9.7	<0.2	<0.2	1.1	15.2	14.3	<0.2	<0.2	2.4	2.58	34.9	90.4
206817 R	<0.1	<0.2	0.5	1.3	6.2	<0.2	<0.2	1.9	1.5	50.0	<0.2	<0.2	1.3	5.30	8.1	31.9

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 76

SRC Geoanalytical Laboratories
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Report No: 07-1150

Date of Report: November 26, 2007

ICP4.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (S)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)

SRC Geoanalytical Laboratories

Report No: 07-1150

Melkior Resources Inc.

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Attention: Jens E. Hansen

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

PO #/Project:

Date of Report: November 26, 2007

Samples: 76

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	<0.1	12.4	1.7	40.3	50.2	<0.2	<0.2	12.8	48.2	25.7	<0.2	<0.2	<0.2	31.5	99.8	200
206602	<0.1	<0.2	0.3	0.1	2.7	<0.2	<0.2	0.7	3.6	2.32	<0.2	<0.2	0.3	1.24	0.7	2.5
206603	<0.1	0.4	0.3	0.4	4.9	<0.2	<0.2	0.7	3.4	5.25	<0.2	<0.2	0.4	1.52	6.4	3.1
206604	<0.1	<0.2	0.4	0.2	3.4	<0.2	<0.2	0.8	3.9	1.79	<0.2	<0.2	0.3	1.66	1.0	2.5
206605	<0.1	<0.2	0.3	0.1	5.9	<0.2	<0.2	0.8	3.8	3.56	<0.2	<0.2	<0.2	1.07	0.8	3.0
206606	<0.1	1.6	0.3	<0.1	1.1	<0.2	<0.2	0.4	1.8	1.68	<0.2	<0.2	<0.2	0.98	1.3	2.0
206607	<0.1	<0.2	0.4	<0.1	2.7	<0.2	<0.2	0.8	3.7	6.03	<0.2	<0.2	<0.2	1.33	1.2	1.4
206760	<0.1	<0.2	0.4	<0.1	2.8	<0.2	<0.2	0.7	2.9	2.51	<0.2	<0.2	<0.2	1.51	0.5	3.6
206761	<0.1	<0.2	0.4	0.2	1.7	<0.2	<0.2	0.5	2.8	1.41	<0.2	<0.2	<0.2	0.41	0.8	3.0
206762	<0.1	0.4	0.3	<0.1	2.0	<0.2	<0.2	0.3	2.5	2.41	<0.2	<0.2	<0.2	0.33	1.1	1.8
206763	<0.1	3.0	0.3	0.3	3.1	<0.2	<0.2	0.6	3.4	2.96	<0.2	<0.2	0.2	0.40	3.5	3.3
206764	<0.1	<0.2	0.6	<0.1	4.0	<0.2	<0.2	0.8	4.1	2.26	<0.2	<0.2	0.4	0.79	0.6	2.8
206765	<0.1	0.7	0.3	0.2	4.8	<0.2	<0.2	0.7	3.8	4.86	<0.2	<0.2	<0.2	0.43	1.4	2.5
206766	<0.1	<0.2	0.2	0.2	5.3	<0.2	<0.2	0.7	3.7	3.52	<0.2	<0.2	0.5	1.33	0.7	1.7
206767	<0.1	<0.2	0.4	<0.1	5.0	<0.2	<0.2	0.6	3.5	3.21	<0.2	<0.2	0.2	1.05	0.6	1.4
206768	<0.1	0.6	0.5	0.2	3.7	<0.2	<0.2	1.0	3.7	1.81	<0.2	<0.2	<0.2	1.07	1.7	1.6
206769	<0.1	<0.2	0.5	0.1	3.2	<0.2	<0.2	0.8	4.2	2.38	<0.2	<0.2	0.2	1.61	0.6	2.6
206770	<0.1	0.9	0.8	0.6	2.6	<0.2	<0.2	0.5	2.6	7.68	<0.2	<0.2	<0.2	18.3	1.4	9.5
206771	<0.1	1.0	<0.2	10.0	24.4	<0.2	<0.2	3.0	50.0	9.31	<0.2	<0.2	1.2	3.10	56.3	63.1
206772	<0.1	<0.2	0.4	1.8	5.1	<0.2	<0.2	3.3	5.4	12.6	<0.2	<0.2	<0.2	26.2	11.1	34.8
CG515/LS4	<0.1	12.3	1.6	40.2	49.6	<0.2	<0.2	11.8	46.9	25.1	<0.2	<0.2	<0.2	31.2	98.0	195
206773	<0.1	<0.2	0.4	0.2	3.5	<0.2	<0.2	1.0	2.3	3.41	<0.2	<0.2	<0.2	0.80	1.0	6.3
206774	<0.1	<0.2	0.4	0.2	3.2	<0.2	<0.2	0.6	3.0	2.17	<0.2	0.3	<0.2	0.70	0.8	3.2
206775	<0.1	<0.2	0.6	<0.1	6.6	<0.2	<0.2	0.9	3.5	7.75	<0.2	<0.2	0.9	1.75	3.7	3.3
206776	<0.1	<0.2	0.3	0.1	2.3	<0.2	<0.2	1.0	3.4	1.44	<0.2	<0.2	<0.2	0.48	0.5	5.6
206777	<0.1	<0.2	0.5	0.3	3.1	<0.2	<0.2	0.6	2.8	3.12	<0.2	<0.2	0.3	1.48	0.9	2.6
206778	<0.1	<0.2	<0.2	1.7	1.5	<0.2	<0.2	0.6	4.6	5.44	<0.2	<0.2	0.3	2.37	12.3	33.0
206779	<0.1	<0.2	0.4	1.4	1.6	<0.2	<0.2	0.8	3.6	5.89	<0.2	<0.2	<0.2	3.58	9.8	36.5
206780	<0.1	<0.2	0.5	0.6	2.0	<0.2	<0.2	0.5	3.1	6.99	<0.2	<0.2	<0.2	1.38	2.6	15.3
206781	<0.1	<0.2	0.6	2.0	4.9	<0.2	<0.2	0.5	3.8	4.89	<0.2	<0.2	<0.2	2.73	5.2	21.2
206782	<0.1	<0.2	0.3	1.1	6.2	<0.2	<0.2	0.4	3.5	31.6	<0.2	<0.2	<0.2	12.1	5.3	7.8
206783	<0.1	0.3	<0.2	1.2	50.5	<0.2	<0.2	1.0	4.1	12.9	<0.2	<0.2	<0.2	23.2	9.1	14.5
206784	<0.1	<0.2	0.4	0.1	1.3	<0.2	<0.2	1.6	0.4	1.57	<0.2	<0.2	<0.2	0.98	2.5	20.4
206785	<0.1	0.6	0.5	0.3	2.4	<0.2	<0.2	0.7	2.7	1.59	<0.2	<0.2	<0.2	0.97	7.0	5.2
206786	<0.1	<0.2	189	1.3	2.7	<0.2	<0.2	1.8	4.0	23.6	<0.2	<0.2	<0.2	15.6	1.9	8.4
206787	<0.1	<0.2	0.8	1.3	1.7	<0.2	<0.2	0.8	4.0	7.30	<0.2	<0.2	<0.2	1.96	7.2	18.5
206788	<0.1	<0.2	0.5	1.9	1.7	<0.2	<0.2	0.9	6.7	7.69	<0.2	<0.2	<0.2	1.61	7.1	21.9
206789	<0.1	<0.2	0.7	0.3	3.2	<0.2	<0.2	0.8	8.9	21.9	<0.2	<0.2	<0.2	6.37	3.1	14.5
206790	<0.1	<0.2	0.5	3.0	3.5	<0.2	<0.2	0.8	10.5	21.5	<0.2	<0.2	0.8	18.5	18.1	26.0
206786 R	<0.1	<0.2	195	1.3	2.7	<0.2	<0.2	1.6	4.0	24.1	<0.2	<0.2	<0.2	15.0	1.8	8.2

SRC Geoanalytical Laboratories

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Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	<0.1	10.6	1.7	39.2	47.7	<0.2	<0.2	12.1	46.4	25.2	0.6	<0.2	<0.2	29.6	96.6	196
206791	<0.1	<0.2	0.5	1.1	1.9	<0.2	<0.2	0.5	2.2	14.0	<0.2	<0.2	<0.2	10.3	2.7	25.1
206792	<0.1	<0.2	0.4	0.4	3.6	<0.2	<0.2	0.5	1.9	17.2	<0.2	<0.2	<0.2	17.7	0.4	6.4
206793	<0.1	<0.2	0.7	0.2	4.0	<0.2	<0.2	0.6	4.1	8.40	<0.2	<0.2	0.8	2.85	2.8	3.1
206794	<0.1	<0.2	0.5	0.3	4.2	<0.2	<0.2	0.5	3.8	8.92	<0.2	<0.2	0.7	5.07	3.9	3.4
206795	<0.1	<0.2	0.5	0.2	12.6	<0.2	<0.2	0.7	4.2	7.46	<0.2	<0.2	0.6	73.9	21.6	3.9
206796	<0.1	0.3	0.4	0.4	25.7	<0.2	<0.2	0.9	4.7	16.4	<0.2	<0.2	0.6	156	40.8	8.0
206797	0.1	<0.2	0.3	0.3	5.1	<0.2	<0.2	0.6	3.1	11.1	<0.2	<0.2	0.8	4.98	5.7	6.6
206798	<0.1	<0.2	1.0	0.4	5.0	<0.2	<0.2	0.5	3.6	13.8	<0.2	<0.2	0.8	4.72	3.5	3.0
206799	<0.1	<0.2	0.4	0.6	4.4	<0.2	<0.2	0.6	4.3	9.16	<0.2	<0.2	0.6	3.24	2.9	3.0
206801	<0.1	<0.2	0.4	0.2	4.5	<0.2	<0.2	0.6	3.6	9.02	<0.2	<0.2	0.9	4.08	2.9	4.1
206802	<0.1	<0.2	0.4	0.6	2.2	<0.2	<0.2	0.8	3.9	29.7	<0.2	<0.2	<0.2	12.6	2.3	9.6
206803	<0.1	0.3	<0.2	3.8	4.6	<0.2	<0.2	2.5	14.0	7.68	<0.2	<0.2	0.6	1.43	18.1	35.7
206804	<0.1	<0.2	0.2	2.3	1.9	<0.2	<0.2	0.6	3.4	4.79	<0.2	<0.2	<0.2	0.35	8.7	23.5
206805	<0.1	<0.2	0.3	0.6	25.6	<0.2	<0.2	0.8	2.6	24.7	<0.2	<0.2	<0.2	54.2	3.2	8.3
206806	<0.1	<0.2	0.5	0.3	5.0	<0.2	<0.2	0.6	2.7	5.77	<0.2	<0.2	<0.2	7.91	17.9	4.6
206807	<0.1	<0.2	0.3	0.6	1.1	<0.2	<0.2	0.9	3.0	11.0	0.3	<0.2	0.3	7.23	2.2	9.4
206808	<0.1	0.3	2.0	1.0	4.8	<0.2	<0.2	3.3	4.1	47.1	<0.2	<0.2	<0.2	16.1	7.3	13.0
206809	<0.1	0.3	0.4	0.9	1.2	<0.2	<0.2	0.6	3.1	11.4	<0.2	<0.2	<0.2	3.08	3.8	25.5
206810	<0.1	<0.2	0.3	0.7	1.1	<0.2	<0.2	0.6	2.4	17.6	<0.2	<0.2	<0.2	9.76	3.2	18.9
CG515/LS4	<0.1	10.8	1.8	40.5	49.7	<0.2	<0.2	13.2	48.4	25.8	<0.2	<0.2	<0.2	30.7	101	202
206811	<0.1	<0.2	0.3	0.6	1.4	<0.2	<0.2	0.7	2.7	12.3	<0.2	<0.2	<0.2	11.9	1.7	8.3
206812	<0.1	<0.2	0.4	1.4	2.6	<0.2	<0.2	1.9	6.1	15.8	<0.2	<0.2	<0.2	3.26	5.2	14.4
206813	<0.1	<0.2	0.2	1.5	1.8	<0.2	<0.2	0.6	3.0	20.8	<0.2	<0.2	<0.2	3.28	4.8	18.4
206814	<0.1	<0.2	<0.2	1.2	2.2	<0.2	<0.2	1.2	3.5	16.6	<0.2	<0.2	<0.2	3.06	2.9	8.4
206815	<0.1	0.5	8.9	2.6	3.1	<0.2	<0.2	1.0	4.9	16.5	<0.2	<0.2	<0.2	43.2	4.6	21.6
206816	0.2	<0.2	0.5	1.4	2.6	<0.2	<0.2	0.7	2.9	12.2	<0.2	<0.2	0.4	0.68	6.4	19.3
206818	0.2	<0.2	<0.2	10.6	7.8	<0.2	<0.2	0.8	15.6	13.3	<0.2	<0.2	1.6	0.49	37.4	103
206821	<0.1	<0.2	0.2	1.8	2.1	<0.2	<0.2	0.9	3.2	14.8	<0.2	<0.2	<0.2	0.76	6.9	25.1
206822	<0.1	<0.2	0.3	0.6	1.5	<0.2	<0.2	0.8	3.0	11.9	<0.2	<0.2	<0.2	6.71	2.5	11.0
206823	<0.1	<0.2	0.3	1.7	3.4	<0.2	<0.2	1.2	4.1	3.18	<0.2	<0.2	<0.2	1.08	20.0	45.6
206824	<0.1	<0.2	0.2	2.0	1.2	<0.2	<0.2	0.8	2.6	5.95	<0.2	<0.2	<0.2	0.37	13.2	21.8
206825	<0.1	<0.2	0.7	0.8	1.6	<0.2	<0.2	0.6	2.6	48.8	<0.2	<0.2	<0.2	43.0	3.1	14.6
206826	<0.1	<0.2	0.3	4.2	2.2	<0.2	<0.2	1.5	9.1	17.9	<0.2	<0.2	<0.2	0.83	19.0	43.2
206827	<0.1	<0.2	0.5	4.9	3.5	<0.2	<0.2	15.7	5.6	25.0	<0.2	<0.2	<0.2	3.59	12.8	40.1
206824 R	<0.1	<0.2	0.3	1.9	1.2	<0.2	<0.2	0.9	2.2	5.82	<0.2	<0.2	<0.2	0.36	13.1	21.9

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95C.
 The standard is LS4.

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 5

SRC Geoanalytical Laboratories
 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Partial Digestion

Column Header Details

Silver in ppm (Ag)
 Arsenic in ppm (As)
 Bismuth in ppm (Bi)
 Cobalt in ppm (Co)
 Copper in ppm (Cu)

Germanium in ppm (Ge)
 Mercury in ppm (Hg)
 Molybdenum in ppm (Mo)
 Nickel in ppm (Ni)
 Lead in ppm (Pb)

Antimony in ppm (Sb)
 Selenium in ppm (Se)
 Tellurium in ppm (Te)
 Uranium (Fluorimetry) in ppm (U, Fl.)
 Vanadium in ppm (V)

Zinc in ppm (Zn)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	<0.1	11.0	1.7	37.0	48.8	<0.2	<0.2	11.1	47.5	22.4	<0.2	<0.2	<0.2	33.0	103	203
206574	<0.1	4.6	<0.2	0.1	3.9	<0.2	<0.2	1.1	3.4	44.4	<0.2	<0.2	0.8	5.70	9.0	2.0
206621	<0.1	5.7	<0.2	0.3	1.8	<0.2	<0.2	1.3	3.5	32.4	<0.2	<0.2	1.3	12.4	6.7	1.7
206920	<0.1	1.6	<0.2	0.3	5.1	<0.2	<0.2	0.5	2.1	19.0	<0.2	<0.2	1.5	12.6	13.2	2.0
206621 R	<0.1	5.7	<0.2	0.4	1.2	<0.2	<0.2	1.2	4.7	31.4	0.2	<0.2	1.7	12.3	6.6	1.9

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95 C.
 The standard is LS4.

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 120

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)

SRC Geoanalytical Laboratories

Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Date of Report: January 31, 2008

ICP1 Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	0.3	9.8	1.6	39.5	48.8	<0.2	<0.2	11.5	48.4	22.0	<0.2	<0.2	<0.2	31.0	98.8	206
206563	<0.1	<0.2	1.4	12.4	8.4	<0.2	<0.2	<0.1	11.8	13.8	<0.2	<0.2	<0.2	6.14	55.8	177
206564	<0.1	<0.2	0.8	11.8	13.1	<0.2	<0.2	<0.1	11.8	13.9	<0.2	<0.2	<0.2	3.42	52.3	173
206565	<0.1	<0.2	1.6	11.2	8.0	<0.2	<0.2	<0.1	11.3	11.4	<0.2	<0.2	<0.2	3.29	52.0	167
206566	<0.1	<0.2	0.9	11.5	7.0	<0.2	<0.2	<0.1	11.3	15.7	<0.2	<0.2	<0.2	5.59	49.7	170
206567	<0.1	<0.2	2.5	16.5	8.0	<0.2	<0.2	<0.1	15.0	15.7	<0.2	<0.2	<0.2	4.60	69.9	243
206568	<0.1	<0.2	2.3	16.6	6.6	<0.2	<0.2	<0.1	13.8	18.7	<0.2	<0.2	<0.2	7.49	67.8	240
206569	<0.1	<0.2	2.2	17.5	7.7	<0.2	<0.2	<0.1	15.8	18.2	0.2	<0.2	<0.2	5.11	75.7	262
206570	<0.1	<0.2	1.1	4.1	6.3	<0.2	<0.2	0.4	5.4	21.0	<0.2	<0.2	<0.2	51.7	10.4	48.1
206571	<0.1	<0.2	0.5	2.9	7.7	<0.2	<0.2	0.4	4.6	83.5	<0.2	<0.2	<0.2	123	12.2	37.4
206572	<0.1	<0.2	0.5	2.7	4.1	<0.2	<0.2	0.3	3.7	81.4	<0.2	<0.2	<0.2	114	7.4	35.3
206573	<0.1	<0.2	0.6	3.2	5.3	<0.2	<0.2	0.2	3.9	139	<0.2	<0.2	<0.2	87.8	9.4	46.0
206575	<0.1	2.4	<0.2	0.2	2.8	<0.2	<0.2	0.7	3.7	5.75	<0.2	1.2	<0.2	1.23	2.9	1.2
206576	<0.1	<0.2	0.3	0.2	0.9	<0.2	<0.2	0.2	1.8	0.75	<0.2	<0.2	<0.2	0.42	1.8	1.6
206577	<0.1	0.4	0.5	0.2	0.9	<0.2	<0.2	0.3	2.0	2.31	<0.2	<0.2	<0.2	0.64	2.2	1.0
206578	<0.1	1.4	0.2	0.2	1.2	<0.2	<0.2	0.2	1.3	1.34	<0.2	<0.2	<0.2	0.94	2.2	1.4
206579	<0.1	0.2	0.3	0.4	2.7	<0.2	<0.2	0.7	3.5	3.20	<0.2	0.7	<0.2	1.11	1.7	1.0
206609	<0.1	<0.2	0.3	0.5	2.3	<0.2	<0.2	0.8	3.8	3.30	<0.2	0.3	<0.2	0.56	0.9	0.9
206610	<0.1	2.3	0.2	0.3	2.9	<0.2	<0.2	0.8	3.8	4.00	<0.2	1.8	0.4	0.55	2.3	1.4
206611	<0.1	<0.2	0.4	0.5	2.4	<0.2	<0.2	2.4	4.8	2.40	<0.2	0.4	<0.2	2.32	1.7	2.7
CG515/LS4	0.3	10.1	1.7	37.7	47.1	<0.2	<0.2	11.3	46.2	21.5	<0.2	<0.2	<0.2	30.3	94.9	201
206612	<0.1	0.6	0.4	0.3	2.3	<0.2	<0.2	0.7	3.5	3.39	<0.2	0.4	<0.2	0.84	1.1	1.8
206613	<0.1	<0.2	0.2	0.3	1.5	<0.2	<0.2	0.8	4.0	1.84	<0.2	<0.2	<0.2	0.73	0.9	2.8
206614	<0.1	4.8	0.3	0.3	2.8	<0.2	<0.2	0.6	3.3	3.35	<0.2	1.9	0.4	0.82	2.2	1.6
206615	<0.1	0.2	<0.2	0.3	2.6	<0.2	<0.2	0.6	3.4	7.33	<0.2	1.2	0.2	1.00	1.6	1.1
206616	<0.1	0.5	0.3	0.4	2.2	<0.2	<0.2	0.9	4.9	3.22	<0.2	0.3	<0.2	0.35	1.0	2.2
206617	<0.1	1.3	0.2	0.2	1.8	<0.2	<0.2	0.5	2.7	2.19	<0.2	0.9	0.3	0.48	1.3	2.0
206618	<0.1	<0.2	0.3	0.3	1.5	<0.2	<0.2	0.7	3.8	2.68	<0.2	<0.2	<0.2	0.48	1.1	1.2
206619	<0.1	<0.2	0.3	0.2	1.2	<0.2	<0.2	0.6	3.4	0.68	<0.2	<0.2	<0.2	0.30	1.0	1.6
206620	<0.1	0.7	0.2	0.3	1.8	<0.2	<0.2	0.6	3.2	1.75	<0.2	0.4	<0.2	0.40	1.2	0.8
206622	<0.1	0.9	0.2	0.3	3.2	<0.2	<0.2	0.6	3.2	7.67	<0.2	0.8	<0.2	0.33	1.8	0.8
206623	<0.1	1.2	<0.2	0.4	3.9	<0.2	<0.2	0.8	3.6	13.1	<0.2	1.2	<0.2	0.44	2.6	0.9
206624	<0.1	<0.2	0.3	0.2	2.0	<0.2	<0.2	0.8	4.4	3.09	<0.2	<0.2	<0.2	0.40	1.2	1.4
206625	<0.1	0.2	0.3	0.3	2.2	<0.2	<0.2	0.6	3.1	8.69	<0.2	0.3	<0.2	0.33	1.3	1.2
206626	<0.1	<0.2	0.3	0.3	1.1	<0.2	<0.2	0.4	2.6	1.19	<0.2	<0.2	<0.2	0.53	1.8	1.5
206627	<0.1	0.2	0.3	0.2	1.1	<0.2	<0.2	0.3	1.9	0.79	<0.2	<0.2	<0.2	0.39	2.3	1.3
206628	<0.1	0.5	0.3	0.2	3.4	<0.2	<0.2	0.7	3.4	5.44	<0.2	0.8	<0.2	1.30	1.6	1.3
206629	<0.1	0.7	<0.2	0.4	2.4	<0.2	<0.2	0.9	4.4	2.44	<0.2	1.0	0.3	0.92	3.3	1.2
206851	<0.1	<0.2	1.0	1.9	2.1	<0.2	<0.2	0.6	4.3	3.04	<0.2	<0.2	<0.2	6.28	7.2	20.1
206626 R	<0.1	<0.2	0.3	<0.1	1.0	<0.2	<0.2	0.4	2.5	1.19	<0.2	<0.2	<0.2	0.54	1.6	1.3

SRC Geoanalytical Laboratories

Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Date of Report: January 31, 2008

ICP1 Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	0.2	9.1	1.7	38.6	48.7	<0.2	<0.2	12.0	48.6	22.1	<0.2	<0.2	<0.2	30.6	97.6	208
206901	<0.1	<0.2	<0.2	0.8	4.7	<0.2	<0.2	0.8	4.2	20.6	<0.2	1.7	<0.2	20.5	3.5	11.3
206902	<0.1	<0.2	0.3	0.2	1.9	<0.2	<0.2	0.8	4.0	3.32	<0.2	<0.2	<0.2	1.15	1.0	1.0
206903	<0.1	1.3	0.3	0.3	2.8	<0.2	<0.2	0.8	3.2	2.27	<0.2	0.6	<0.2	1.17	2.3	1.6
206904	<0.1	<0.2	0.3	0.4	2.4	<0.2	<0.2	0.7	3.7	0.76	<0.2	<0.2	<0.2	0.79	1.1	1.2
206905	<0.1	1.0	0.2	0.3	2.7	<0.2	<0.2	0.6	3.1	5.43	<0.2	1.4	0.2	0.30	2.8	0.7
206906	<0.1	<0.2	<0.2	0.4	6.1	<0.2	<0.2	0.6	3.0	8.75	<0.2	1.4	<0.2	4.16	4.4	2.4
206907	<0.1	<0.2	0.3	0.3	2.2	<0.2	<0.2	0.8	3.8	0.86	<0.2	0.3	<0.2	0.54	1.4	2.4
206908	<0.1	<0.2	0.3	0.2	2.2	<0.2	<0.2	0.7	3.8	2.61	<0.2	0.5	<0.2	0.44	1.4	2.3
206909	<0.1	<0.2	0.3	0.2	2.0	<0.2	<0.2	0.6	3.8	2.03	<0.2	<0.2	<0.2	0.34	1.0	0.8
206910	<0.1	0.8	0.3	0.4	2.8	<0.2	<0.2	0.7	3.9	7.66	<0.2	1.2	0.3	0.82	1.8	0.8
206911	<0.1	0.4	0.5	0.4	3.6	<0.2	<0.2	0.8	4.8	4.13	<0.2	1.4	0.3	1.57	4.6	1.7
206912	<0.1	0.7	0.2	0.3	2.4	<0.2	<0.2	0.2	1.8	5.89	<0.2	1.6	0.5	2.14	4.8	1.7
206913	<0.1	0.3	0.3	0.1	1.2	<0.2	<0.2	0.5	2.8	2.48	<0.2	<0.2	<0.2	0.28	1.0	1.2
206914	<0.1	<0.2	0.3	0.3	1.7	<0.2	<0.2	0.7	3.4	1.62	<0.2	0.3	<0.2	1.02	1.3	1.0
206915	<0.1	<0.2	<0.2	0.3	2.0	<0.2	<0.2	0.6	2.7	1.92	<0.2	0.6	<0.2	1.12	1.6	1.4
206916	<0.1	<0.2	0.2	0.3	1.3	<0.2	<0.2	0.4	2.3	2.45	0.9	<0.2	<0.2	0.37	0.8	1.5
206917	<0.1	1.0	0.2	0.3	2.0	<0.2	<0.2	0.6	3.3	2.40	0.8	<0.2	<0.2	0.79	3.2	1.9
206918	<0.1	<0.2	<0.2	0.4	1.8	<0.2	<0.2	0.6	3.5	1.78	<0.2	0.5	0.2	0.89	1.0	1.0
206919	<0.1	1.1	0.2	0.4	1.7	<0.2	<0.2	0.6	3.1	1.63	<0.2	<0.2	0.2	0.63	1.3	1.3
CG515/LS4	0.3	10.3	1.8	38.3	47.8	<0.2	<0.2	11.9	47.5	22.0	<0.2	<0.2	<0.2	30.0	97.6	204
206921	<0.1	0.5	0.3	0.2	1.2	<0.2	<0.2	0.5	2.5	1.37	<0.2	0.3	<0.2	0.77	2.9	1.5
206922	<0.1	<0.2	0.3	0.2	1.2	<0.2	<0.2	0.4	2.6	1.22	<0.2	<0.2	<0.2	0.26	0.7	0.9
206923	<0.1	<0.2	0.3	0.3	1.7	<0.2	<0.2	0.5	2.7	1.08	<0.2	<0.2	<0.2	0.86	1.2	1.0
206924	<0.1	<0.2	0.3	0.3	1.9	<0.2	<0.2	0.8	3.8	1.65	<0.2	<0.2	<0.2	0.40	0.9	0.7
206925	<0.1	0.6	<0.2	0.2	2.8	<0.2	<0.2	0.5	3.2	5.82	<0.2	0.9	0.2	0.94	1.5	2.6
206926	<0.1	<0.2	0.7	0.4	2.7	<0.2	<0.2	0.9	4.4	2.13	<0.2	0.8	0.3	0.48	1.9	1.7
206927	<0.1	<0.2	0.3	0.4	1.8	<0.2	<0.2	0.9	4.7	2.72	<0.2	<0.2	<0.2	0.48	1.1	1.2
206928	<0.1	<0.2	0.4	0.5	2.5	<0.2	<0.2	0.7	3.6	1.86	<0.2	0.4	<0.2	1.13	2.9	1.0
206929	<0.1	2.3	0.5	0.4	3.4	<0.2	<0.2	0.8	4.1	9.52	<0.2	1.1	0.5	0.53	2.2	1.1
206930	<0.1	<0.2	0.2	0.3	1.5	<0.2	<0.2	0.7	3.7	2.77	<0.2	0.4	0.4	0.77	2.2	0.7
206931	<0.1	<0.2	<0.2	0.2	2.5	<0.2	<0.2	0.8	3.6	7.14	<0.2	1.2	0.4	0.42	2.7	2.2
206932	<0.1	1.1	0.2	0.3	3.0	<0.2	<0.2	0.5	2.5	6.67	<0.2	0.9	0.4	0.55	2.7	0.9
206933	<0.1	2.6	<0.2	0.2	3.2	<0.2	<0.2	0.5	2.5	7.53	<0.2	1.8	0.5	1.06	6.6	1.0
206934	<0.1	1.5	<0.2	0.2	3.3	<0.2	<0.2	0.5	2.6	8.65	<0.2	1.8	0.5	1.04	4.1	0.7
206935	<0.1	1.0	<0.2	0.2	3.9	<0.2	<0.2	0.7	2.8	14.4	<0.2	2.5	0.5	1.18	3.7	0.6
206936	<0.1	1.8	0.3	0.2	3.6	<0.2	<0.2	0.7	3.3	10.8	<0.2	2.3	0.5	0.89	4.3	0.6
206937	<0.1	1.0	0.2	0.3	2.5	<0.2	<0.2	0.6	3.1	4.50	<0.2	0.6	<0.2	0.58	1.7	1.6
206938	<0.1	3.1	<0.2	0.4	7.0	<0.2	<0.2	0.9	4.0	37.0	<0.2	6.2	1.3	3.10	4.0	2.4
206935 R	<0.1	0.9	<0.2	0.3	4.0	<0.2	<0.2	0.6	2.9	14.6	<0.2	2.5	0.4	1.15	3.7	0.5

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
CG515/LS4	0.3	10.4	1.8	38.2	48.3	<0.2	<0.2	12.1	48.5	21.8	<0.2	<0.2	<0.2	29.7	98.1	210
206939	<0.1	1.4	0.2	0.4	6.7	<0.2	<0.2	0.8	3.6	9.23	<0.2	2.4	0.4	1.59	2.9	2.0
206940	<0.1	1.0	0.8	0.2	5.4	<0.2	<0.2	0.6	3.1	10.9	<0.2	1.1	0.2	0.83	2.6	3.0
206941	<0.1	2.0	0.2	0.3	6.4	<0.2	<0.2	0.8	4.2	27.1	<0.2	2.2	0.3	3.02	9.5	1.5
206942	<0.1	<0.2	0.2	0.2	1.6	<0.2	<0.2	0.6	2.9	1.88	1.0	<0.2	<0.2	0.63	1.5	1.1
206943	<0.1	<0.2	0.4	0.5	2.2	<0.2	<0.2	1.0	5.3	2.44	<0.2	<0.2	<0.2	0.50	2.4	2.2
206944	<0.1	1.4	0.3	0.4	4.8	<0.2	<0.2	0.6	3.3	5.44	<0.2	1.1	<0.2	2.76	2.5	3.0
206945	<0.1	0.3	0.4	0.4	3.9	<0.2	<0.2	1.2	7.1	5.35	<0.2	0.8	<0.2	0.44	1.5	2.3
489501	0.2	<0.2	0.5	0.9	2.0	<0.2	<0.2	0.4	2.4	7.76	<0.2	0.5	<0.2	4.79	4.5	13.1
489502	<0.1	<0.2	0.4	0.6	2.3	<0.2	<0.2	0.5	2.6	20.0	<0.2	0.9	<0.2	32.8	4.3	2.6
489503	<0.1	<0.2	0.7	2.0	2.2	<0.2	<0.2	0.5	3.5	31.9	<0.2	<0.2	<0.2	7.30	7.2	21.7
489504	<0.1	<0.2	0.9	2.7	7.7	<0.2	<0.2	1.0	4.5	48.0	<0.2	<0.2	<0.2	4.04	10.0	13.8
489505	<0.1	<0.2	0.4	0.9	2.2	<0.2	<0.2	0.5	3.0	5.87	<0.2	<0.2	<0.2	3.59	1.1	9.3
489506	<0.1	<0.2	1.2	6.3	10.0	<0.2	<0.2	2.2	21.2	7.97	0.2	<0.2	<0.2	0.92	24.8	31.3
489507	<0.1	<0.2	0.3	0.3	1.6	<0.2	<0.2	0.5	2.7	0.83	<0.2	<0.2	<0.2	0.43	0.8	1.0
489508	<0.1	<0.2	0.2	0.4	3.1	<0.2	<0.2	0.7	3.4	2.73	<0.2	1.2	0.2	1.70	1.7	1.0
489509	<0.1	<0.2	0.3	0.3	1.9	<0.2	<0.2	0.8	4.0	1.56	<0.2	0.2	<0.2	0.35	1.4	1.0
489510	<0.1	0.3	0.3	0.3	1.6	<0.2	<0.2	0.6	3.1	0.94	<0.2	<0.2	<0.2	0.66	1.1	1.4
489511	<0.1	0.5	0.4	0.5	4.6	<0.2	<0.2	0.7	4.2	2.53	<0.2	<0.2	<0.2	1.28	8.0	2.3
489512	<0.1	<0.2	0.3	0.3	1.6	<0.2	<0.2	0.4	2.6	1.26	<0.2	<0.2	<0.2	0.49	1.4	1.7
CG515/LS4	0.3	9.7	1.6	38.0	47.4	<0.2	<0.2	12.0	48.0	22.9	<0.2	<0.2	<0.2	29.6	96.7	207
489513	<0.1	<0.2	0.2	0.3	1.9	<0.2	<0.2	0.5	2.7	4.95	<0.2	0.4	<0.2	0.68	1.9	1.4
489514	<0.1	<0.2	0.2	0.3	2.4	<0.2	<0.2	0.7	3.4	2.14	<0.2	0.8	<0.2	0.42	2.9	1.7
489515	<0.1	<0.2	0.2	0.3	1.9	<0.2	<0.2	0.6	3.2	0.97	<0.2	0.3	<0.2	0.24	1.7	0.9
489516	<0.1	<0.2	0.3	0.3	1.5	<0.2	<0.2	0.6	3.4	1.15	<0.2	<0.2	<0.2	0.28	1.4	2.2
489517	<0.1	0.4	0.2	0.3	1.9	<0.2	<0.2	0.5	2.7	3.23	<0.2	<0.2	<0.2	0.63	2.5	2.7
489518	<0.1	<0.2	<0.2	0.2	1.9	<0.2	<0.2	0.7	3.4	2.38	<0.2	0.7	<0.2	0.49	2.3	1.6
489519	<0.1	<0.2	0.3	0.2	1.8	<0.2	<0.2	0.6	3.6	1.46	<0.2	<0.2	<0.2	0.19	0.8	1.5
489520	<0.1	<0.2	0.2	0.2	1.8	<0.2	<0.2	0.6	3.2	1.96	<0.2	<0.2	<0.2	0.40	0.8	4.6
489551	<0.1	<0.2	0.8	3.5	2.0	<0.2	<0.2	0.5	7.4	44.8	<0.2	<0.2	<0.2	13.8	20.5	48.7
489552	<0.1	<0.2	1.6	9.5	2.2	<0.2	<0.2	<0.1	9.8	11.7	<0.2	<0.2	<0.2	3.89	45.1	134
489553	<0.1	<0.2	2.4	7.9	6.1	<0.2	<0.2	2.4	36.6	11.9	0.7	<0.2	<0.2	1.79	37.7	61.8
489554	<0.1	<0.2	0.3	0.6	1.0	<0.2	<0.2	0.4	2.6	5.29	<0.2	<0.2	<0.2	3.45	1.1	10.0
489555	<0.1	0.9	0.5	2.2	3.0	<0.2	<0.2	52.2	5.5	8.13	<0.2	0.4	<0.2	3.38	3.8	15.4
489556	<0.1	1.0	0.4	0.4	3.1	<0.2	<0.2	1.1	4.0	4.52	<0.2	1.4	0.4	0.92	2.2	0.9
489557	<0.1	<0.2	0.4	0.4	1.5	<0.2	<0.2	0.9	3.9	2.81	<0.2	<0.2	<0.2	0.46	1.8	0.6
489558	<0.1	<0.2	0.3	0.3	2.1	<0.2	<0.2	0.7	3.3	1.88	<0.2	<0.2	<0.2	0.99	2.5	1.9
489559	<0.1	1.0	0.4	5.0	5.1	<0.2	<0.2	1.1	9.7	0.70	<0.2	<0.2	<0.2	0.33	2.9	7.5
489560	<0.1	<0.2	0.3	0.2	1.7	<0.2	<0.2	0.7	3.6	1.61	<0.2	<0.2	<0.2	1.12	1.2	1.8
489558 R	<0.1	<0.2	0.4	0.2	2.2	<0.2	<0.2	0.6	3.3	1.69	<0.2	<0.2	0.2	1.00	2.4	1.7

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 120

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm
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Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 8:1 HNO₃:HCl for 1 hour at 95C.
The standard is LS4.

APPENDIX II

ASSAY RESULTS TOTAL DIGESTION

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
Date: July 31, 2007

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnoisium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
Date: July 31, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

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Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 4

Report No: 07-794

Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	0.3	17.5	2130	2.0	4.87	1.1	147	18	112	4	3.4	2.0	2.4	7.45	19	5.3	3.2
206551	1.0	15.0	101	1.3	0.18	0.5	10	107	2280	6	1.7	1.8	0.7	5.59	<1	1.7	<0.5
206552	0.7	13.7	134	0.8	0.41	0.4	12	63	1110	1	1.3	1.5	0.6	13.1	<1	0.8	<0.5
206551 R	0.9	15.5	102	1.3	0.18	0.5	10	108	2340	6	1.7	1.6	0.7	5.55	<1	2.0	<0.5

SRC Geoanalytical Laboratories

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Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 4

Report No: 07-794

Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.1	3.11	90	28	2.87	0.077	<1	3.20	7	58	22	0.666	19	16	12	8.2	4
206551	0.4	0.021	7	72	26.6	0.093	<1	0.07	8	2	222	0.106	256	4	21	3.1	<1
206552	0.4	0.579	5	224	17.0	0.091	2	3.68	3	5	373	0.135	123	<1	31	2.3	1
206551 R	0.4	0.023	7	71	27.0	0.093	1	0.07	7	2	227	0.108	257	4	22	3.1	<1

SRC Geoanalytical Laboratories

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 4

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794

Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1130	<1	<0.3	12	1.04	4	133	<1	21	1.8	92	140
206551	31	<1	<0.3	6	0.452	3020	207	<1	15	1.7	246	58
206552	60	<1	<0.3	4	0.404	1320	157	<1	14	1.7	128	54
206551 R	33	<1	<0.3	7	0.454	3060	211	<1	15	1.7	254	56

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 3

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
Date: July 31, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 3

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794
Date: July 31, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 3

Report No: 07-794

Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	0.4	17.6	2140	2.0	4.78	1.1	145	19	115	3	3.5	2.2	2.4	7.44	20	5.4	3.7
206553	0.4	13.4	74	1.4	0.04	1.0	61	1	165	1	2.9	1.5	1.1	2.13	21	3.2	4.9
206553 R	1.0	13.4	72	1.4	0.04	0.9	60	2	160	1	2.8	1.5	1.1	2.12	20	3.2	5.2

SRC Geoanalytical Laboratories

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Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 3

Report No: 07-794
Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.13	88	28	2.93	0.077	1	3.18	8	58	23	0.668	17	16	12	8.2	3
206553	0.9	1.83	33	52	3.17	0.005	<1	0.06	6	25	31	0.056	3	6	14	4.1	<1
206553 R	0.7	1.80	33	56	3.18	0.005	1	0.06	4	24	28	0.055	3	6	14	4.0	<1

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 3

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-794

Date: July 31, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1140	<1	<0.3	12	1.05	4	132	<1	21	1.9	92	142
206553	73	<1	<0.3	10	0.459	6	61	<1	17	1.8	8	196
206553 R	75	<1	<0.3	10	0.450	6	59	<1	17	1.8	7	202

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

SRC Geoanalytical Laboratories
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Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

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Report No: 07-910

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	0.3	17.7	2240	1.9	4.72	1.1	152	20	122	3	3.5	2.6	2.4	7.28	23	5.7	3.9
206656	<0.2	7.60	446	0.7	0.32	0.5	23	2	189	14	0.8	0.3	0.4	1.13	8	1.5	1.3
206657	0.6	18.7	246	3.2	0.20	1.1	11	25	833	16	0.9	1.4	0.7	13.7	23	0.8	3.8
206656 R	0.2	7.48	446	0.7	0.32	0.6	22	3	191	14	0.8	0.4	0.4	1.16	8	1.5	1.2

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

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Report No: 07-910

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.2	3.00	82	27	2.86	0.076	1	3.17	9	59	24	0.661	16	16	12	8.7	<1
206656	<0.4	3.10	8	3	0.207	0.007	1	0.05	<1	7	8	0.278	5	1	<1	1.6	<1
206657	0.4	4.72	5	26	2.74	0.030	1	5.18	10	8	93	0.162	13	<1	50	1.8	<1
206656 R	<0.4	3.10	8	3	0.205	0.007	1	0.05	1	7	7	0.276	6	1	<1	1.5	<1

SRC Geoanalytical Laboratories

Report No: 07-910

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 4

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1130	<1	<0.3	13	0.982	<2	133	<1	20	2.0	88	145
206656	26	<1	<0.3	4	0.038	12	23	<1	4	0.5	6	44
206657	16	<1	<0.3	4	0.331	15	318	<1	12	2.3	27	72
206656 R	26	<1	<0.3	5	0.037	11	23	<1	4	0.5	6	42

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 18

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 18

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-910

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

Report No: 07-910

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 18

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Date of Report: September 29, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.4	2200	2.0	4.74	0.9	166	17	123	3	3.6	2.5	2.5	7.42	25	5.8	3.2
206556	<0.2	17.4	33	1.9	0.25	1.0	35	4	306	46	3.8	3.0	1.1	10.1	21	2.6	<0.5
206557	0.3	18.8	55	3.4	0.12	1.2	25	8	542	101	3.5	4.3	1.1	7.31	27	3.2	<0.5
206558	0.3	19.3	59	3.7	0.12	1.1	15	10	522	48	1.7	1.5	0.6	7.92	22	1.2	<0.5
206559	0.8	20.3	92	5.4	0.14	1.3	8	12	809	29	1.6	1.4	0.6	5.18	25	1.9	<0.5
206560	0.6	19.8	90	4.8	0.15	1.5	12	10	726	29	1.8	1.5	0.6	5.00	24	1.9	<0.5
206561	0.9	19.2	169	4.0	0.10	1.0	<1	34	941	15	1.2	1.5	0.6	7.92	25	1.6	<0.5
206562	0.7	18.5	165	3.3	0.24	0.9	25	25	756	48	3.3	4.6	1.4	10.5	28	3.4	<0.5
206651	0.7	18.4	150	2.8	0.20	0.9	9	44	1060	86	2.0	2.1	0.9	8.32	21	2.5	<0.5
206652	<0.2	16.0	104	0.9	0.15	0.9	<1	1	467	32	1.3	2.4	0.6	9.62	16	1.0	<0.5
206653	0.4	16.8	115	1.0	0.16	1.1	1	6	448	185	2.9	3.4	0.8	5.53	12	2.3	<0.5
206654	<0.2	17.8	145	1.0	0.13	1.3	1	4	495	107	3.0	3.9	0.7	3.13	13	2.8	<0.5
206655	0.4	15.9	284	1.7	0.08	1.2	4	9	605	91	1.9	4.2	0.6	3.40	18	2.3	<0.5
206652 R	0.4	16.2	103	0.8	0.15	0.9	<1	1	460	30	1.3	2.2	0.6	9.55	16	0.9	<0.5
CG515/LS4	<0.2	17.6	2340	2.2	5.10	1.0	160	20	129	3	3.5	2.3	2.6	7.44	23	5.7	4.7
206554	1.0	19.1	113	5.0	0.16	1.4	47	15	1050	90	6.3	3.2	2.2	2.94	10	8.7	<0.5
206555	0.9	19.4	89	4.1	0.16	1.5	21	13	950	157	3.4	2.2	1.1	3.50	10	3.8	0.6
206555 R	0.8	19.7	88	4.2	0.16	1.3	20	12	958	165	2.8	1.7	0.9	3.69	11	3.0	0.6

SRC Geoanalytical Laboratories

Report No: 07-910

Melkior Resources Inc.

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Attention: Jens E. Hansen

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

PO #/Project:

Date of Report: September 29, 2007

Samples: 18

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.5	3.13	93	31	2.82	0.075	<1	3.29	8	68	24	0.682	19	16	13	9.0	3
206556	1.2	1.57	11	7	0.395	0.004	<1	8.47	6	16	22	0.257	39	1	21	2.0	<1
206557	1.2	2.47	10	14	0.723	0.005	<1	8.14	7	14	23	0.149	65	<1	34	1.4	1
206558	0.6	2.70	7	17	0.896	0.005	<1	7.84	10	8	32	0.147	26	<1	31	0.6	<1
206559	0.6	4.04	3	23	1.20	0.005	<1	6.63	14	6	38	0.146	26	<1	43	<0.5	<1
206560	0.7	3.78	4	22	1.13	0.005	<1	6.72	13	7	36	0.150	20	<1	41	<0.5	<1
206561	0.8	4.75	<1	32	1.80	0.010	<1	5.52	10	5	61	0.126	25	<1	48	<0.5	<1
206562	1.1	4.29	9	25	1.47	0.012	<1	6.25	10	19	63	0.224	121	<1	42	2.6	<1
206651	0.7	4.32	3	28	2.16	0.015	<1	6.01	11	8	81	0.198	62	<1	45	1.0	<1
206652	0.7	1.28	1	3	0.167	0.004	<1	8.35	<1	4	10	0.160	49	<1	13	<0.5	<1
206653	0.8	2.08	3	6	0.253	0.008	2	8.02	<1	5	10	0.169	144	<1	15	0.6	<1
206654	0.9	2.04	3	7	0.284	0.007	1	8.48	1	5	9	0.121	145	<1	20	<0.5	<1
206655	0.9	2.73	4	15	0.659	0.006	<1	5.51	7	6	18	0.087	135	<1	32	<0.5	<1
206652 R	0.4	1.28	<1	2	0.164	0.004	<1	8.25	<1	4	9	0.158	50	<1	12	0.5	<1
CG515/LS4	1.3	3.19	91	29	2.87	0.080	<1	3.34	10	60	25	0.692	20	13	14	8.9	3
206554	1.4	3.47	4	24	1.05	0.008	<1	6.90	16	22	31	0.178	151	<1	52	6.0	2
206555	0.7	3.20	5	19	0.960	0.007	1	7.50	15	9	24	0.152	156	<1	51	1.8	2
206555 R	0.7	3.23	4	20	0.966	0.007	1	7.61	15	6	25	0.156	152	<1	52	1.4	3

SRC Geoanalytical Laboratories

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Report No: 07-910

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 18

Date of Report: September 29, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1170	1	<0.3	11	1.05	4	130	1	22	1.9	87	140
206556	14	2	<0.3	5	0.514	97	358	2	30	4.3	12	164
206557	16	<1	<0.3	8	0.443	559	405	<1	26	3.8	15	130
206558	12	2	<0.3	41	0.394	62	505	1	16	2.7	13	104
206559	16	<1	<0.3	26	0.400	76	669	1	13	2.5	11	80
206560	18	<1	<0.3	2	0.388	41	619	1	14	2.7	10	90
206561	16	<1	<0.3	1	0.562	72	487	<1	12	2.3	19	98
206562	24	2	<0.3	<1	0.570	634	488	<1	24	3.3	21	102
206651	18	<1	<0.3	1	0.573	144	522	1	16	2.7	22	94
206652	31	2	<0.3	<1	0.353	346	159	<1	15	1.9	11	67
206653	35	<1	<0.3	<1	0.333	419	157	<1	22	2.6	13	73
206654	39	<1	<0.3	<1	0.280	589	179	<1	21	2.7	13	79
206655	44	<1	<0.3	<1	0.362	799	386	1	14	2.5	9	82
206652 R	28	1	<0.3	<1	0.345	349	154	1	14	1.9	11	66
CG515/LS4	1170	<1	<0.3	12	1.10	<2	138	<1	23	2.0	93	142
206554	21	<1	<0.3	7	0.538	1420	483	<1	38	3.8	22	84
206555	17	<1	<0.3	29	0.482	1570	432	<1	25	3.5	28	100
206555 R	17	<1	<0.3	26	0.516	1530	450	<1	23	3.2	27	102

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
 The standard is CG515.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Melkior Resources Inc.
Attention: Jens E Hansen
PO #/Project:
Samples: 18

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.

Attention: Jens E Hansen

PO #/Project:

Samples: 18

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)

Tungsten in ppm (W)

Yttrium in ppm (Y)

Ytterbium in ppm (Yb)

Zinc in ppm (Zn)

Zirconium in ppm (Zr)

Melkor Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 18

SRC Geoanalytical Laboratories
 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.1	2180	2.2	4.77	0.6	164	19	118	2	3.1	2.7	2.9	7.14	23	5.8	3.1
206688	<0.2	4.31	176	<0.2	0.01	0.3	202	<1	241	6	2.4	1.3	1.7	0.37	3	6.0	7.9
206703	<0.2	11.6	106	1.6	0.88	0.7	4	6	193	21	0.6	0.6	0.9	3.29	16	0.6	13.2
206704	<0.2	12.0	710	0.7	0.54	0.7	5	2	226	14	2.0	0.9	0.8	2.00	12	2.0	6.7
206705	<0.2	6.78	218	0.5	0.41	<0.2	2	8	320	29	0.9	0.6	0.6	4.54	14	1.3	8.5
206706	<0.2	6.21	73	0.3	0.57	<0.2	4	13	310	38	3.8	2.2	0.8	5.49	17	3.5	25.2
206714	<0.2	13.9	196	1.6	1.59	0.7	101	11	279	16	2.2	1.4	0.9	5.52	24	5.1	9.2
206715	<0.2	13.2	427	1.6	1.11	0.6	216	7	181	62	7.2	3.2	1.1	2.88	17	12.1	2.5
206716	0.6	6.68	194	0.7	0.38	<0.2	8	23	398	43	2.6	2.0	1.0	7.93	24	2.9	16.1
206733	<0.2	5.14	121	0.3	0.02	0.5	97	<1	181	7	2.1	1.1	1.8	0.56	4	6.3	6.8
206734	<0.2	4.84	124	0.4	0.03	0.3	104	<1	193	11	3.0	1.1	2.4	0.72	3	8.7	7.3
206749	1.0	17.5	753	3.4	0.45	<0.2	14	16	101	1	2.3	2.5	3.4	24.0	34	2.1	3.5
206752	<0.2	12.0	172	1.4	4.80	<0.2	11	90	3100	3	1.2	2.3	2.8	11.3	24	6.9	7.8
206754	<0.2	7.23	361	0.4	0.14	0.6	42	<1	211	5	2.0	1.0	0.9	1.19	7	3.1	6.8
206756	<0.2	15.3	527	0.6	0.05	1.1	238	<1	104	5	6.0	2.9	5.2	0.80	13	16.2	22.7
206757	<0.2	15.5	558	0.7	0.09	1.0	270	1	193	6	5.8	2.9	4.8	0.94	13	16.6	24.1
206759	<0.2	13.2	254	2.8	1.63	0.9	25	4	252	4	2.8	1.8	0.7	1.79	18	2.6	5.7
206757 R	<0.2	15.3	563	0.7	0.09	1.2	275	1	186	6	6.6	3.2	5.3	0.94	13	17.2	22.2

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 18

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.3	3.20	96	31	2.82	0.073	<1	3.27	8	61	24	0.656	17	15	12	8.7	<1
206688	0.7	1.65	103	6	0.070	0.002	1	0.03	7	72	3	0.046	11	19	1	10.4	2
206703	0.4	2.11	3	11	1.11	0.034	27	3.30	8	2	33	0.044	77	<1	7	0.6	<1
206704	<0.4	6.31	3	12	0.637	0.024	9	2.23	2	3	12	0.034	196	<1	4	1.0	<1
206705	<0.4	2.90	1	31	1.48	0.055	3	1.06	8	2	33	0.053	88	<1	10	<0.5	1
206706	1.2	1.93	2	35	1.86	0.055	220	0.96	15	5	52	0.046	358	<1	14	1.9	<1
206714	0.6	2.46	55	77	1.97	0.060	2	4.02	13	36	48	0.113	40	8	11	6.3	<1
206715	1.5	3.68	115	18	1.66	0.045	16	3.49	5	83	32	0.086	154	21	5	14.7	<1
206716	1.2	2.60	5	47	3.82	0.085	<1	0.66	17	8	83	0.064	534	<1	18	1.6	2
206733	0.5	1.52	46	17	0.038	0.004	<1	0.02	3	42	2	0.096	16	10	1	8.5	2
206734	0.4	1.47	49	19	0.033	0.005	<1	0.02	6	46	2	0.125	23	10	1	9.8	2
206749	1.0	7.14	9	27	1.68	0.035	2	0.05	8	16	48	0.381	23	<1	22	3.1	<1
206752	1.0	0.041	10	113	20.0	0.170	<1	0.35	<1	10	374	0.140	209	<1	17	5.0	<1
206754	0.5	2.55	15	3	0.194	0.010	1	0.03	<1	14	4	0.161	4	3	1	2.9	<1
206756	1.6	6.28	133	11	0.301	0.012	<1	0.08	19	116	4	0.136	19	29	3	24.4	2
206757	1.6	6.64	180	12	0.292	0.012	<1	0.08	19	140	4	0.161	17	37	3	22.8	2
206759	0.8	2.82	20	40	0.614	0.026	2	4.17	2	9	10	0.054	71	2	1	2.6	<1
206757 R	1.6	6.57	184	12	0.289	0.012	<1	0.08	18	146	4	0.163	19	39	3	27.3	1

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Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 18

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1210	<1	<0.3	15	0.986	4	137	<1	21	1.8	90	138
206688	11	3	0.6	254	0.118	13	7	1	8	1.2	3	261
206703	187	1	<0.3	50	0.355	87	60	<1	5	0.9	50	394
206704	194	1	<0.3	637	0.219	203	26	1	10	1.0	33	200
206705	81	2	0.4	556	0.528	97	44	<1	7	0.8	74	264
206706	56	2	1.5	407	0.613	728	108	<1	18	2.4	87	791
206714	217	<1	<0.3	45	0.492	24	68	<1	12	0.9	135	275
206715	209	<1	1.1	154	0.219	190	39	<1	29	1.4	56	69
206716	45	1	1.4	97	0.868	1000	136	<1	16	1.9	150	554
206733	206	2	0.7	292	0.076	3	12	1	9	1.4	1	170
206734	260	2	0.8	499	0.109	2	13	2	11	1.5	3	220
206749	1	<1	0.9	2	0.987	27	483	<1	24	3.1	30	134
206752	60	1	0.5	2	0.397	2670	208	<1	19	2.2	233	48
206754	12	<1	<0.3	101	0.073	4	19	2	9	1.1	3	229
206756	37	2	1.5	331	0.371	4	36	3	23	2.8	5	801
206757	40	2	1.6	324	0.394	7	37	2	24	3.0	4	859
206759	319	<1	<0.3	59	0.122	90	33	<1	14	1.8	30	145
206757 R	40	2	2.0	349	0.369	8	37	3	27	3.0	5	784

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3. The standard is CG515.

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Report No: 07-995

Melkior Resources Inc.

Attention: Jens E Hansen
PO #Project:
Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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Report No: 07-995

Melkior Resources Inc.

Attention: Jens E Hansen

PO #/Project:

Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.3	2150	2.2	4.66	0.9	159	14	119	2	3.0	2.7	2.7	7.33	23	5.1	4.0
206658	0.3	18.9	137	4.8	0.25	0.9	10	38	2160	2	1.3	1.6	1.2	5.93	18	3.3	5.8
206659	0.3	18.9	150	6.4	0.20	0.8	9	43	2200	<1	1.1	1.4	1.3	7.13	21	3.0	5.6
206660	0.6	23.3	448	10.5	0.12	1.5	4	22	942	<1	1.6	1.5	0.8	4.07	28	1.8	4.1
206661	0.9	22.0	475	10.1	0.10	1.3	3	20	930	<1	1.2	1.3	0.8	6.12	29	1.4	4.3
206662	0.7	21.3	331	10.1	0.14	1.2	4	17	1020	<1	1.1	1.4	1.0	8.29	28	1.2	4.3
206663	0.4	19.1	345	8.7	0.11	1.2	<1	14	967	<1	0.6	0.9	0.7	5.60	25	0.8	4.0
206664	0.4	19.0	157	5.0	0.26	1.2	21	10	1080	5	3.4	2.5	1.4	5.49	14	3.4	3.9
206665	0.3	21.5	225	9.1	0.18	1.4	5	15	856	<1	1.5	1.4	0.9	5.48	25	1.3	4.1
206666	<0.2	14.1	431	0.8	0.67	1.0	36	1	118	3	1.5	1.0	0.9	1.26	13	2.3	2.9
206667	<0.2	19.7	1090	2.5	0.26	1.3	73	2	119	1	3.3	2.1	1.4	3.53	25	4.7	2.3
206668	<0.2	11.4	470	1.0	0.01	0.8	23	2	109	2	1.1	0.8	0.6	1.11	10	1.4	3.7
206669	<0.2	12.6	629	0.9	0.02	0.9	37	4	119	4	0.8	0.6	0.7	3.64	14	0.8	3.1
206670	<0.2	8.81	253	0.5	0.07	0.7	22	1	193	5	0.6	0.5	0.5	0.92	8	1.1	2.3
206671	<0.2	13.8	145	1.2	5.00	0.5	39	14	52	25	4.0	3.9	1.9	11.6	18	2.6	6.5
206672	<0.2	6.19	424	0.7	0.04	0.4	104	1	203	7	1.5	0.9	2.4	1.73	7	5.2	5.7
206673	<0.2	11.1	304	0.8	0.07	0.8	26	<1	156	1	0.6	0.4	0.4	0.66	10	0.9	2.0
206674	<0.2	4.45	18	<0.2	<0.01	0.3	25	<1	294	3	0.9	0.4	<0.2	0.58	3	0.9	5.1
206675	<0.2	3.77	20	<0.2	<0.01	0.2	18	<1	252	2	0.6	0.2	<0.2	0.36	3	0.7	2.6
206676	<0.2	4.03	28	<0.2	0.01	0.3	27	<1	168	1	0.6	0.4	0.3	0.26	3	1.4	2.2
CG515/LS4	<0.2	17.2	2180	2.2	4.68	1.0	161	16	121	3	3.0	2.6	2.7	7.40	24	5.0	4.3
206677	<0.2	7.01	38	<0.2	0.01	0.5	23	<1	154	1	0.5	0.3	0.3	0.30	5	1.2	2.5
206678	<0.2	6.65	25	<0.2	<0.01	0.5	23	<1	165	1	0.4	0.2	0.3	0.32	5	1.0	2.2
206679	<0.2	4.39	22	<0.2	<0.01	0.4	36	<1	265	2	0.5	0.3	0.2	0.38	3	1.1	2.7
206680	<0.2	5.42	30	<0.2	<0.01	0.4	50	1	207	2	0.3	<0.2	<0.2	0.35	3	0.6	1.7
206681	<0.2	13.0	482	1.1	0.59	0.8	197	1	134	1	4.2	2.2	0.7	2.64	19	7.3	11.2
206682	<0.2	14.6	158	0.8	0.09	1.0	111	<1	174	5	3.0	2.0	1.3	0.78	13	4.2	13.1
206683	<0.2	10.5	211	0.6	0.03	0.8	138	<1	150	5	3.5	2.1	2.0	0.56	9	6.4	15.5
206684	<0.2	10.9	55	0.4	0.01	0.8	64	<1	190	2	1.5	0.9	0.9	0.94	10	2.5	6.0
206685	<0.2	8.38	682	0.8	0.09	0.6	146	<1	129	5	4.2	2.7	1.6	0.89	8	6.2	17.4
206686	<0.2	4.15	142	<0.2	0.01	0.3	60	2	370	9	1.2	0.7	0.8	0.52	3	2.8	4.5
206687	<0.2	4.80	71	<0.2	<0.01	0.3	29	<1	332	2	0.5	0.3	0.4	0.50	4	1.5	2.1
206689	<0.2	12.7	1100	0.7	4.30	0.8	42	2	134	2	3.1	1.7	2.0	1.61	12	5.6	2.4
206690	<0.2	15.4	568	2.0	1.53	0.8	50	18	289	37	1.5	1.6	1.4	6.25	21	2.0	5.2
206691	<0.2	17.1	150	3.0	2.06	1.3	113	1	123	1	1.6	0.8	0.3	1.58	20	3.3	2.0
206692	0.6	10.9	1560	0.4	0.36	0.9	4	<1	222	2	<0.2	<0.2	0.3	1.16	9	<0.5	4.1
206693	<0.2	5.77	126	0.5	0.01	0.5	239	<1	200	3	2.2	1.5	1.2	0.35	4	4.8	4.1
206694	<0.2	4.82	144	0.3	0.01	0.3	119	1	221	3	1.0	0.7	0.9	0.39	3	3.0	1.8
206695	<0.2	21.4	893	3.0	0.12	1.4	489	9	104	1	7.6	3.6	3.6	3.57	26	15.8	4.8
206691 R	<0.2	17.7	156	3.1	2.12	1.2	115	2	126	1	1.7	0.7	0.3	1.56	20	3.8	1.5

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Report No: 07-995

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.1	2170	2.2	4.63	1.0	164	18	125	2	3.0	2.6	2.7	7.49	24	5.0	4.7
206696	<0.2	10.6	375	0.7	0.02	0.8	89	1	198	1	1.9	1.1	0.7	0.74	8	3.8	6.2
206697	<0.2	5.84	332	0.2	<0.01	0.4	75	2	213	2	1.5	0.8	0.4	0.46	5	2.2	2.6
206698	<0.2	20.4	687	1.8	0.10	1.1	323	4	142	2	8.6	2.8	1.4	2.57	28	18.0	10.2
206699	<0.2	19.3	599	0.9	0.02	1.3	73	<1	144	1	2.5	2.0	1.7	5.28	23	3.6	7.4
206700	<0.2	12.9	476	0.5	0.02	1.0	48	1	154	<1	1.4	1.0	0.9	0.84	12	2.2	5.2
206701	<0.2	12.8	271	2.4	0.97	0.7	304	8	158	9	7.0	3.6	0.8	4.72	27	11.8	21.9
206702	<0.2	12.9	948	0.6	0.18	0.9	50	2	160	3	1.2	0.5	0.8	1.49	11	2.6	2.6
206707	<0.2	14.5	437	0.9	1.06	1.2	97	2	151	<1	2.8	1.7	0.5	1.72	18	4.7	7.2
206708	<0.2	14.0	827	1.3	0.18	0.9	3	<1	171	7	0.2	<0.2	0.6	0.70	12	<0.5	2.1
206709	<0.2	13.0	1180	2.0	1.00	1.0	27	1	136	12	0.4	0.3	0.6	0.99	12	0.8	2.6
206710	<0.2	13.7	592	2.0	1.11	1.0	139	2	144	2	0.9	0.6	0.7	1.39	14	2.6	7.7
206711	<0.2	13.0	577	1.3	0.81	0.9	68	1	204	2	0.7	0.4	0.7	1.40	13	2.0	4.6
206712	<0.2	12.8	659	1.6	0.62	0.9	113	<1	141	1	1.8	0.8	0.6	1.63	14	4.2	6.6
206713	<0.2	12.8	320	1.8	1.58	0.6	156	17	428	7	2.6	2.5	0.9	7.43	25	4.6	4.0
206717	<0.2	15.3	827	2.5	1.66	0.7	38	16	167	10	2.3	1.7	1.1	5.29	21	2.6	5.1
206718	<0.2	14.3	227	1.5	1.44	0.8	73	13	312	17	2.5	1.1	0.9	4.96	26	4.7	12.6
206719	<0.2	17.8	227	1.4	6.45	1.0	170	16	130	84	6.0	3.6	4.3	7.61	39	9.1	6.0
206720	<0.2	6.84	285	0.3	0.01	0.4	96	1	214	3	1.8	0.9	0.8	0.46	5	3.9	3.0
206721	<0.2	4.92	195	0.2	0.02	0.3	96	<1	206	3	2.0	1.1	1.1	0.44	4	4.7	2.0
CG515/LS4	<0.2	17.2	2240	2.2	4.79	0.8	168	18	124	3	3.0	2.7	2.8	7.50	24	5.0	4.6
206722	<0.2	5.80	276	0.2	0.02	0.4	73	<1	164	2	1.4	0.8	0.5	0.31	4	2.9	2.6
206723	<0.2	6.74	95	0.4	0.02	0.5	65	<1	283	5	0.6	0.3	0.6	0.50	5	2.4	3.1
206724	<0.2	4.46	183	0.2	<0.01	0.3	115	<1	223	3	2.9	1.4	1.4	0.47	3	5.5	3.2
206725	<0.2	7.28	114	0.7	0.02	0.5	140	<1	187	20	1.6	1.0	1.5	0.50	5	4.7	6.1
206726	<0.2	6.56	77	0.4	0.01	0.4	73	1	297	13	1.0	0.6	0.8	0.52	5	2.8	4.2
206727	<0.2	6.83	86	0.4	0.02	0.6	88	<1	216	42	1.4	0.9	1.0	0.46	5	3.3	4.8
206728	<0.2	6.64	73	0.4	0.01	0.5	68	<1	199	7	1.0	0.7	0.8	0.42	5	2.6	3.7
206729	<0.2	6.24	86	0.3	0.02	0.5	61	1	166	6	0.8	0.5	0.9	0.34	4	3.0	3.1
206730	<0.2	5.77	73	0.2	0.01	0.5	49	<1	302	12	0.8	0.4	0.7	0.47	4	2.5	3.7
206731	<0.2	7.05	90	0.5	0.02	0.6	90	<1	267	4	1.0	0.6	1.3	0.45	5	4.2	3.0
206732	<0.2	5.92	141	0.4	0.02	0.4	99	1	199	5	1.1	0.6	1.4	0.49	4	4.7	4.4
206735	<0.2	4.14	39	0.2	0.01	0.3	58	<1	189	2	0.8	0.5	0.9	0.39	3	2.6	4.2
206736	<0.2	13.7	519	0.7	0.01	1.1	31	1	140	1	1.0	0.7	0.6	0.40	12	1.5	3.6
206737	<0.2	6.28	433	0.2	<0.01	0.5	25	1	235	3	0.6	0.4	0.5	0.43	5	1.4	3.0
206738	<0.2	6.09	303	0.3	0.02	0.4	70	<1	260	4	1.6	0.8	0.6	0.40	5	2.8	3.3
206739	<0.2	6.70	356	0.3	0.03	0.5	52	<1	199	4	1.3	0.7	0.8	0.71	6	2.8	3.9
206740	<0.2	8.02	104	0.3	0.01	0.6	38	<1	367	4	1.1	0.6	0.6	0.56	7	2.3	4.1
206741	<0.2	6.41	354	0.3	<0.01	0.5	40	<1	210	4	0.8	0.4	0.4	0.54	5	1.6	3.2
206738 R	<0.2	6.21	313	0.3	0.03	0.5	73	1	255	4	1.6	1.0	0.6	0.40	5	2.8	3.5

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: 07-995

Melkor Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.3	2080	2.1	4.81	1.0	170	17	118	5	3.1	2.4	2.4	7.24	23	5.0	5.0
206742	<0.2	7.73	152	0.3	0.01	0.7	48	<1	243	2	0.9	0.7	0.3	0.50	6	1.6	2.3
206743	<0.2	8.34	426	0.5	0.01	0.6	107	1	166	3	2.2	1.4	1.0	0.84	7	3.9	5.2
206744	<0.2	7.90	388	0.3	0.03	0.6	117	<1	280	2	1.2	1.0	0.7	0.54	7	2.9	1.4
206745	<0.2	5.66	280	0.2	0.05	0.4	69	1	275	1	1.4	1.0	0.7	0.49	5	2.8	1.4
206746	<0.2	1.79	61	<0.2	0.02	<0.2	36	<1	239	2	0.7	0.4	0.4	0.37	2	1.9	1.5
206747	<0.2	4.86	63	<0.2	0.04	0.3	56	<1	184	1	1.0	0.5	0.4	0.32	4	2.0	2.7
206748	<0.2	5.09	148	0.4	0.15	0.4	65	<1	176	2	1.4	0.8	0.8	0.33	4	3.4	1.5
206750	<0.2	18.0	714	2.4	0.46	<0.2	<1	32	81	3	2.0	1.8	1.4	25.8	47	<0.5	<0.5
206751	<0.2	3.85	167	0.3	0.06	0.2	58	<1	181	1	1.3	0.7	0.5	0.34	3	2.5	3.0
206753	<0.2	6.33	252	0.3	0.02	0.5	34	<1	198	3	1.0	0.7	0.7	1.43	8	1.9	3.6
206755	<0.2	7.21	298	0.4	0.04	0.6	38	<1	292	4	0.9	0.7	0.6	0.49	7	1.9	2.8
206758	<0.2	28.3	680	1.0	0.03	2.1	187	<1	62	5	4.7	4.7	0.9	3.00	34	3.5	9.1
206753 R	<0.2	6.34	260	0.3	0.02	0.5	35	<1	193	4	1.0	0.7	0.6	1.39	8	2.0	3.7

SRC Geoanalytical Laboratories

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Report No: 07-995

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sr ppm	Ti ppm	Zn ppm
CG515/LS4	1.3	3.15	83	28	2.83	0.075	<1	3.34	7	62	21	0.665	17	13	13	8.3	<1	<1	<1
206658	0.7	3.98	<1	50	6.18	0.058	<1	5.58	7	6	117	0.112	13	<1	55	1.5	<1	<1	<1
206659	0.6	4.06	<1	60	6.55	0.062	<1	5.08	10	6	171	0.117	16	<1	57	1.7	<1	<1	<1
206660	0.5	6.34	<1	30	1.76	0.006	<1	5.12	18	2	37	0.145	7	<1	57	<0.5	<1	<1	1
206661	0.6	6.24	<1	30	1.68	0.007	<1	4.58	16	3	37	0.140	4	<1	56	<0.5	<1	<1	2
206662	0.5	5.48	1	25	1.51	0.008	<1	5.18	12	4	54	0.176	9	<1	58	0.7	<1	<1	1
206663	0.4	5.19	<1	25	1.23	0.006	<1	5.43	15	1	34	0.145	5	<1	44	<0.5	<1	<1	1
206664	0.9	2.45	1	13	0.814	0.006	<1	7.91	8	7	18	0.230	21	<1	22	2.2	<1	<1	<1
206665	0.5	4.87	1	20	1.39	0.006	<1	6.22	13	3	41	0.183	9	<1	60	0.7	<1	<1	<1
206666	<0.4	6.09	19	3	0.376	0.009	<1	0.11	<1	16	7	0.542	4	3	2	3.2	<1	<1	<1
206667	1.1	7.63	32	9	0.666	0.006	<1	0.08	7	34	73	0.239	2	5	20	4.4	<1	<1	1
206668	<0.4	5.22	14	4	0.428	0.010	<1	0.07	1	15	9	0.032	2	3	2	2.2	<1	<1	<1
206669	<0.4	5.36	19	3	0.364	0.011	<1	0.07	2	17	7	0.051	5	3	2	2.3	<1	<1	<1
206670	<0.4	3.74	11	3	0.228	0.006	<1	0.05	1	10	8	0.066	3	2	1	1.7	<1	<1	<1
206671	1.5	2.23	18	7	3.44	0.078	1	5.94	11	21	42	0.248	4	1	24	4.2	<1	<1	<1
206672	0.4	2.42	47	3	0.198	0.006	<1	0.03	6	57	6	0.067	8	13	1	12.4	<1	<1	1
206673	<0.4	4.75	13	2	0.336	0.002	<1	0.06	<1	9	6	0.066	6	2	1	1.5	<1	<1	<1
206674	<0.4	1.19	12	7	0.005	0.002	<1	0.02	1	6	5	0.019	3	1	<1	0.9	<1	<1	1
206675	<0.4	1.04	9	4	0.006	0.002	1	0.02	<1	6	3	0.015	1	1	<1	0.8	<1	<1	<1
206676	<0.4	1.12	11	1	0.005	0.002	<1	0.02	<1	10	2	0.036	3	2	<1	1.6	<1	<1	<1
CG515/LS4	1.2	3.14	85	28	2.81	0.075	<1	3.35	7	63	23	0.666	17	13	13	8.5	<1	<1	1
206677	<0.4	1.95	10	6	0.008	0.001	<1	0.04	<1	10	2	0.036	4	2	1	1.8	<1	<1	1
206678	<0.4	1.86	9	3	0.007	0.001	<1	0.03	<1	10	4	0.022	2	2	1	1.6	<1	<1	1
206679	<0.4	1.22	16	4	0.008	0.002	<1	0.02	1	11	3	0.020	2	2	<1	1.2	<1	<1	<1
206680	<0.4	1.50	26	4	0.005	0.002	<1	0.03	<1	13	3	0.024	3	3	<1	0.8	<1	<1	<1
206681	1.2	6.35	91	12	0.390	0.020	5	2.75	11	71	3	0.204	32	17	4	10.1	<1	<1	<1
206682	0.9	4.60	51	1	0.149	0.005	<1	0.06	2	40	5	0.253	31	9	4	5.6	<1	<1	2
206683	1.1	3.27	62	5	0.136	0.004	<1	0.04	9	51	6	0.160	20	12	3	8.6	<1	<1	1
206684	0.5	3.58	28	1	0.194	0.002	<1	0.04	1	24	6	0.046	3	5	2	3.6	<1	<1	<1
206685	1.2	2.43	61	3	0.069	0.003	<1	0.03	5	59	2	0.329	35	13	4	8.8	<1	<1	2
206686	<0.4	1.19	24	6	0.009	0.003	1	0.02	<1	24	6	0.055	5	5	1	4.2	<1	<1	1
206687	<0.4	1.39	12	2	0.027	0.002	2	0.02	<1	12	6	0.027	4	2	<1	2.2	<1	<1	<1
206689	0.7	4.41	19	2	0.276	0.010	1	0.06	1	18	6	3.28	27	3	2	6.8	<1	<1	<1
206690	0.8	2.80	27	80	3.10	0.071	1	4.58	5	20	57	0.229	21	3	13	3.0	<1	<1	<1
206691	0.4	1.38	55	28	0.324	0.024	<1	7.25	<1	37	2	0.045	24	8	1	5.2	<1	<1	<1
206692	<0.4	6.07	2	8	0.087	0.010	<1	2.27	<1	1	4	0.024	21	<1	<1	<0.5	<1	<1	<1
206693	0.8	2.32	109	1	0.120	0.008	<1	0.04	<1	89	3	0.050	10	22	<1	10.7	<1	<1	<1
206694	<0.4	2.06	52	1	0.104	0.008	<1	0.03	<1	47	3	0.039	5	11	<1	6.3	<1	<1	<1
206695	2.3	8.06	247	10	0.792	0.003	<1	0.09	<1	167	31	0.198	12	42	4	25.4	<1	<1	5
206691 R	0.5	1.41	57	28	0.320	0.024	<1	7.30	<1	39	1	0.048	26	10	1	5.9	<1	<1	<1

SRC Geoanalytical Laboratories

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Report No: 07-995

Melkor Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sr ppm	Ti ppm	Zn ppm
CG515/LS4	1.2	3.17	84	28	2.76	0.075	<1	3.37	10	64	20	0.672	16	14	12	8.3			1
206696	0.6	3.59	39	3	0.243	0.002	<1	0.06	2	31	8	0.032	2	7	3	5.0			1
206697	0.5	2.79	39	1	0.102	0.002	<1	0.04	<1	20	4	0.026	5	5	2	2.7			<1
206698	1.8	7.49	153	5	0.585	0.003	<1	0.09	4	115	29	0.160	19	27	7	20.2			6
206699	1.0	6.95	29	2	0.269	0.001	<1	0.08	5	33	10	0.078	4	6	8	5.1			4
206700	0.5	4.59	20	1	0.244	0.001	<1	0.06	1	21	5	0.039	2	4	3	3.5			2
206701	1.9	3.00	142	30	1.36	0.058	<1	3.60	38	109	12	0.110	29	26	17	15.8			4
206702	<0.4	6.94	23	3	0.452	0.015	1	2.72	1	20	9	0.039	35	4	2	3.2			<1
206707	0.7	4.79	45	20	0.370	0.023	<1	4.38	9	35	7	0.065	46	8	6	5.8			<1
206708	<0.4	7.26	2	4	0.183	0.008	3	3.41	<1	1	4	0.034	25	<1	<1	<0.5			1
206709	<0.4	5.35	16	6	0.190	0.012	<1	3.22	<1	8	1	0.040	14	2	<1	1.4			<1
206710	0.5	5.53	67	12	0.376	0.019	<1	3.44	1	42	3	0.054	26	10	2	4.8			<1
206711	<0.4	6.02	33	15	0.289	0.018	<1	3.07	<1	23	4	0.060	20	5	1	3.0			<1
206712	0.5	4.83	49	14	0.454	0.017	<1	3.65	<1	39	2	0.064	25	9	3	5.5			<1
206713	1.2	3.09	80	75	4.66	0.134	1	3.19	10	52	90	0.146	12	11	14	7.1			<1
206717	0.8	4.11	19	31	2.91	0.059	27	3.70	12	17	49	0.219	17	3	10	2.8			<1
206718	0.8	2.60	31	33	1.94	0.052	2	3.89	16	29	45	0.089	58	5	10	5.8			<1
206719	1.5	0.889	79	20	3.23	0.102	<1	6.12	8	67	31	0.468	36	14	15	12.7			<1
206720	0.6	2.58	42	2	0.086	0.002	<1	0.04	4	37	4	0.031	6	9	1	6.0			2
206721	0.5	1.69	40	2	0.066	0.002	<1	0.04	3	42	3	0.034	4	9	1	7.8			2
CG515/LS4	1.4	3.10	87	27	2.82	0.076	<1	3.31	7	65	26	0.690	17	14	13	8.7			<1
206722	<0.4	2.30	31	1	0.065	0.002	<1	0.04	2	29	2	0.028	5	6	<1	4.4			1
206723	<0.4	1.96	28	4	0.039	0.003	<1	0.04	<1	23	5	0.065	7	5	1	3.9			1
206724	0.6	1.52	45	3	0.057	0.002	1	0.02	4	50	3	0.034	5	11	1	8.8			1
206725	0.5	2.13	52	6	0.039	0.004	<1	0.04	<1	54	5	0.108	8	12	1	8.1			3
206726	<0.4	1.91	28	2	0.036	0.003	1	0.03	<1	28	7	0.062	3	6	1	4.4			2
206727	<0.4	1.99	32	3	0.038	0.003	<1	0.03	1	34	7	0.072	6	7	1	5.3			7
206728	<0.4	1.95	25	2	0.038	0.003	<1	0.03	<1	27	4	0.058	5	6	1	3.9			1
206729	<0.4	1.80	24	10	0.036	0.002	<1	0.03	<1	26	3	0.052	7	6	1	4.5			1
206730	<0.4	1.67	19	6	0.034	0.003	<1	0.03	1	20	7	0.043	6	4	1	3.4			3
206731	<0.4	2.01	35	12	0.040	0.004	<1	0.04	<1	40	5	0.080	9	9	1	6.9			<1
206732	<0.4	1.69	42	8	0.029	0.004	<1	0.03	1	42	2	0.096	12	9	1	6.9			<1
206735	<0.4	1.20	22	2	0.035	0.003	<1	0.02	1	26	3	0.048	9	6	<1	4.5			<1
206736	0.4	5.67	10	2	0.248	0.008	<1	0.08	2	14	4	0.035	4	3	2	2.5			1
206737	<0.4	3.34	16	3	0.150	0.009	<1	0.05	<1	15	4	0.019	8	3	<1	2.5			1
206738	<0.4	2.21	27	2	0.066	0.003	<1	0.04	5	27	5	0.038	6	6	1	3.9			<1
206739	<0.4	3.11	19	3	0.182	0.011	<1	0.04	1	16	2	0.043	7	3	1	3.4			1
206740	0.4	2.38	15	2	0.109	0.004	1	0.03	<1	16	5	0.030	4	3	1	3.2			1
206741	<0.4	3.12	11	2	0.191	0.009	<1	0.04	<1	9	3	0.024	6	1	<1	1.9			<1
206738 R	0.5	2.24	29	2	0.067	0.003	<1	0.04	4	28	4	0.040	7	6	1	4.0			<1

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Melkior Resources Inc.

Attention: Jens E Hansen

PO #/Project:

Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.2	3.09	91	29	2.86	0.076	1	3.21	9	68	23	0.687	18	13	13	9.5	3
206742	<0.4	2.46	21	2	0.216	0.002	<1	0.03	3	16	5	0.023	2	2	1	2.2	1
206743	0.4	3.82	42	3	0.258	0.011	<1	0.05	1	36	4	0.055	7	8	1	6.0	<1
206744	0.5	2.74	48	4	0.081	0.002	1	0.04	8	45	6	0.027	2	8	1	6.4	1
206745	0.4	2.05	28	4	0.061	0.002	2	0.04	9	32	5	0.027	4	5	1	5.3	<1
206746	0.4	0.543	14	6	0.007	0.002	1	0.01	1	15	3	0.066	6	2	<1	3.1	<1
206747	<0.4	1.34	21	3	0.008	0.001	1	0.02	<1	20	3	0.104	11	4	<1	2.9	<1
206748	<0.4	1.28	24	8	0.009	0.001	<1	0.02	<1	28	3	0.375	30	5	<1	5.1	<1
206750	1.2	6.97	3	24	1.71	0.033	2	0.05	5	16	46	0.393	21	<1	26	2.3	<1
206751	0.4	1.03	24	3	0.012	0.001	<1	0.02	<1	21	3	0.158	14	4	1	3.4	<1
206753	<0.4	2.15	11	3	0.157	0.009	<1	0.02	1	16	5	0.054	2	2	1	3.3	<1
206755	<0.4	2.91	16	3	0.145	0.008	1	0.04	2	19	5	0.067	4	3	1	3.4	1
206758	1.9	9.77	50	5	0.518	0.021	<1	0.10	4	35	7	0.104	1	3	21	4.6	4
206753 R	0.5	2.13	8	3	0.159	0.009	<1	0.02	1	14	4	0.054	2	2	1	3.1	<1

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Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1160	<1	<0.3	14	1.06	<2	135	1	21	1.8	81	145
206658	18	<1	<0.3	8	0.603	26	372	1	13	1.9	32	98
206659	15	<1	<0.3	2	0.625	35	435	1	13	1.7	37	84
206660	43	<1	<0.3	3	0.468	10	725	1	13	2.7	10	100
206661	40	<1	<0.3	3	0.572	9	671	1	12	2.5	10	92
206662	32	<1	<0.3	3	0.585	13	512	1	13	2.3	12	88
206663	32	<1	<0.3	2	0.509	8	592	1	6	1.9	7	87
206664	52	<1	<0.3	8	0.249	21	427	1	25	3.3	9	81
206665	36	<1	<0.3	18	0.348	16	570	1	12	2.4	8	86
206666	43	<1	<0.3	10	0.096	2	33	1	10	1.2	3	77
206667	7	<1	<0.3	25	0.972	6	154	3	18	1.6	12	55
206668	21	<1	<0.3	25	0.145	<2	32	1	6	0.9	3	119
206669	24	<1	<0.3	26	0.135	<2	37	<1	6	0.7	4	87
206670	20	<1	<0.3	6	0.068	<2	19	<1	4	0.5	3	62
206671	89	1	0.5	12	1.15	<2	299	<1	34	4.0	29	214
206672	30	1	0.5	120	0.157	2	20	<1	8	0.9	3	167
206673	21	<1	<0.3	6	0.054	<2	21	2	4	0.6	4	55
206674	21	1	<0.3	118	0.049	<2	17	1	2	0.6	1	165
206675	14	<1	<0.3	69	0.018	<2	10	<1	1	0.4	1	72
206676	113	<1	<0.3	33	0.031	<2	12	1	3	0.4	1	58
CG515/LS4	1150	1	<0.3	14	1.08	<2	138	1	21	1.9	82	141
206677	117	<1	<0.3	27	0.018	<2	16	<1	2	0.5	2	65
206678	36	<1	<0.3	15	0.020	<2	15	<1	2	0.4	3	63
206679	17	<1	<0.3	44	0.042	<2	14	1	2	0.3	1	74
206680	35	<1	<0.3	73	0.028	<2	13	1	1	0.2	1	54
206681	99	<1	0.7	53	0.329	<2	24	<1	21	1.4	46	410
206682	689	<1	<0.3	54	0.150	<2	27	1	17	2.4	2	455
206683	462	1	0.9	172	0.177	<2	23	<1	18	2.8	2	527
206684	45	<1	<0.3	33	0.103	<2	18	<1	8	1.3	2	180
206685	1310	1	1.2	136	0.171	2	19	1	21	3.5	3	598
206686	132	<1	<0.3	129	0.042	<2	7	1	6	0.9	2	134
206687	39	<1	<0.3	35	0.024	<2	10	3	3	0.4	3	48
206689	89	<1	<0.3	7	0.083	20	46	<1	18	1.6	7	62
206690	358	<1	<0.3	8	0.647	3	115	4	14	1.6	81	166
206691	322	<1	<0.3	64	0.091	<2	19	<1	7	0.5	39	52
206692	264	<1	<0.3	2	0.050	<2	13	<1	2	0.2	11	109
206693	49	<1	0.5	162	0.067	<2	13	1	10	1.1	3	143
206694	31	<1	<0.3	89	0.048	<2	11	<1	4	0.4	3	51
206695	15	<1	1.0	104	0.179	9	64	<1	32	1.8	7	158
206691 R	329	<1	<0.3	61	0.093	<2	19	<1	7	0.4	37	50

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1160	1	<0.3	14	1.11	<2	136	<1	21	1.8	82	145
206696	7	<1	<0.3	30	0.170	2	41	<1	11	1.1	3	204
206697	24	<1	<0.3	24	0.060	<2	12	<1	7	0.8	2	72
206698	8	<1	1.9	115	0.311	14	52	1	32	1.6	6	338
206699	9	<1	<0.3	24	0.519	<2	58	2	20	2.3	7	241
206700	11	<1	<0.3	14	0.189	<2	20	2	7	1.2	3	167
206701	103	2	1.9	79	0.739	3	66	<1	36	3.0	73	706
206702	193	<1	<0.3	27	0.126	6	25	<1	5	0.3	21	69
206707	141	<1	<0.3	30	0.209	6	26	<1	15	1.9	33	214
206708	248	<1	<0.3	14	0.050	2	16	<1	1	0.2	10	54
206709	209	<1	<0.3	4	0.074	<2	18	1	2	0.2	12	70
206710	228	<1	<0.3	49	0.131	4	25	<1	4	0.4	22	249
206711	204	<1	<0.3	18	0.219	<2	23	<1	3	0.3	18	140
206712	148	<1	<0.3	34	0.212	7	25	<1	7	0.4	22	210
206713	177	1	<0.3	20	0.739	4	86	<1	20	1.7	162	83
206717	276	<1	<0.3	10	0.753	26	71	1	16	1.4	76	153
206718	236	<1	0.4	33	0.444	33	71	<1	13	1.2	76	352
206719	339	<1	0.6	54	1.02	26	135	<1	37	2.3	165	190
206720	12	1	<0.3	77	0.122	<2	11	1	7	0.8	3	82
206721	8	2	0.3	102	0.087	<2	9	<1	9	0.9	2	51
CG515/LS4	1160	1	<0.3	14	1.09	<2	136	<1	21	1.9	86	146
206722	14	<1	<0.3	56	0.100	<2	11	<1	6	0.7	2	75
206723	169	<1	<0.3	94	0.047	<2	14	<1	3	0.5	3	81
206724	7	1	0.6	145	0.095	<2	8	2	10	1.5	2	87
206725	322	<1	<0.3	132	0.053	<2	14	1	8	1.2	2	178
206726	160	<1	<0.3	60	0.056	<2	12	2	5	0.8	3	115
206727	194	<1	<0.3	83	0.056	<2	13	<1	7	1.1	2	145
206728	151	<1	<0.3	58	0.046	<2	13	<1	5	0.8	2	111
206729	104	<1	<0.3	90	0.048	<2	12	<1	4	0.6	2	85
206730	80	<1	<0.3	59	0.056	<2	11	2	4	0.6	1	96
206731	188	<1	<0.3	129	0.041	<2	15	2	4	0.5	3	77
206732	286	1	<0.3	180	0.064	<2	12	1	4	0.7	2	145
206735	87	<1	<0.3	88	0.048	<2	9	<1	4	0.7	2	114
206736	23	<1	<0.3	10	0.138	<2	31	2	5	0.8	4	115
206737	28	<1	<0.3	17	0.053	<2	13	<1	3	0.5	2	82
206738	10	<1	<0.3	77	0.159	<2	10	2	7	0.8	2	99
206739	28	<1	<0.3	73	0.068	<2	15	2	6	0.8	2	113
206740	17	<1	<0.3	44	0.074	<2	16	1	6	0.8	3	114
206741	21	<1	<0.3	45	0.050	<2	13	<1	4	0.5	3	86
206738 R	11	<1	<0.3	80	0.153	<2	10	2	7	0.8	3	97

Melkior Resources Inc.
 Attention: Jens E Hansen
 PO #/Project:
 Samples: 94

SRC Geoanalytical Laboratories
 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-995

Date of Report: October 10, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1220	1	<0.3	12	1.04	3	139	<1	22	2.0	85	140
206742	2	<1	<0.3	90	0.088	2	36	1	4	0.6	3	88
206743	28	<1	0.4	99	0.069	2	18	<1	10	1.2	3	179
206744	5	2	<0.3	80	0.167	<2	12	1	6	0.7	4	63
206745	8	2	<0.3	87	0.164	3	10	1	7	0.8	3	66
206746	211	<1	<0.3	51	0.028	<2	6	<1	3	0.4	1	79
206747	208	<1	<0.3	49	0.032	<2	6	1	3	0.5	1	116
206748	1180	<1	0.5	82	0.029	<2	6	<1	6	0.6	2	68
206750	15	2	2.3	<1	1.04	39	528	4	29	4.0	36	135
206751	394	<1	0.6	74	0.024	<2	6	1	5	0.5	1	127
206753	9	1	0.3	37	0.075	3	16	1	6	0.7	3	151
206755	20	<1	<0.3	30	0.071	<2	14	<1	5	0.7	2	121
206758	12	<1	<0.3	25	0.349	4	59	1	42	5.6	8	339
206753 R	8	<1	0.3	36	0.072	<2	16	1	7	0.8	3	155

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
 The standard is CG515.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: 07-1150

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 6

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnsium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 6

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: 07-1150

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

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Report No: 07-1150

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 6

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.7	2360	2.0	4.65	0.9	150	18	110	3	3.4	2.8	2.4	7.26	23	6.2	4.8
206800	<0.2	5.05	377	0.8	0.06	<0.2	846	3	221	6	13.7	8.5	2.2	4.32	8	31.8	8.7
206817	<0.2	20.7	150	2.6	4.44	1.2	1350	1	89	7	25.2	14.7	2.6	2.19	27	51.1	21.6
206819	0.7	19.0	1380	1.2	2.63	0.8	2370	17	63	7	13.4	11.8	3.4	7.26	33	45.4	28.1
206820	<0.2	20.3	1110	1.5	3.10	1.1	1360	10	68	8	8.0	7.2	2.3	4.73	29	26.0	14.6
206817 R	<0.2	20.2	146	2.5	4.31	1.2	1300	<1	87	6	22.7	13.0	2.3	2.17	27	49.7	21.2

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Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 6

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.6	3.16	86	30	2.76	0.072	1	3.30	8	65	23	0.673	20	18	12	9.1	3
206800	3.0	2.58	418	4	0.387	0.005	1	0.06	12	343	8	0.174	39	98	15	56.2	<1
206817	4.1	1.55	630	8	0.202	0.021	2	7.53	<1	520	4	1.09	94	156	1	83.8	<1
206819	3.5	5.37	1330	63	3.70	0.054	1	4.37	7	788	22	0.769	81	248	11	96.7	<1
206820	2.3	4.09	755	40	2.34	0.036	1	5.64	4	447	15	0.456	54	137	7	56.0	<1
206817 R	3.8	1.54	621	9	0.204	0.022	2	7.47	<1	510	3	1.06	92	150	1	81.7	<1

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Report No: 07-1150

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 6

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1170	<1	<0.3	15	1.01	4	137	<1	20	1.8	86	144
206800	56	1	4.2	334	0.805	17	76	<1	47	3.5	12	317
206817	404	<1	6.8	497	0.089	2	25	1	104	6.7	32	626
206819	445	<1	5.7	379	1.26	3	69	<1	44	2.4	152	1120
206820	502	<1	2.6	255	0.788	<2	48	<1	27	1.5	98	546
206817 R	398	<1	5.8	490	0.091	<2	23	<1	100	6.4	31	635

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3. The standard is CG515.

SRC Geoanalytical Laboratories

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Report No: 07-1150

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 76

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

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Report No: 07-1150

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.2	2210	2.1	4.82	0.9	159	17	113	3	3.1	2.3	2.6	6.97	23	5.8	4.6
206602	<0.2	7.60	306	0.3	0.02	0.3	72	1	198	2	1.3	0.6	0.6	0.43	6	2.8	3.3
206603	<0.2	2.67	90	<0.2	0.01	<0.2	41	<1	245	5	1.8	0.8	0.4	0.37	2	2.2	3.5
206604	<0.2	2.40	135	0.2	0.01	<0.2	26	<1	251	3	1.5	0.8	0.4	0.44	2	2.2	1.4
206605	<0.2	7.39	549	0.3	0.01	0.4	119	<1	216	6	1.4	0.6	0.8	0.82	7	3.0	1.9
206606	<0.2	19.7	498	1.1	0.01	1.3	107	1	149	2	2.9	2.2	1.1	2.36	20	3.6	7.6
206607	<0.2	5.63	76	<0.2	0.01	0.3	55	<1	196	2	0.9	0.5	0.3	0.49	9	1.4	0.8
206760	<0.2	6.26	382	0.3	0.02	0.4	59	<1	180	3	1.3	0.6	0.4	0.36	5	2.5	1.4
206761	<0.2	5.64	47	0.2	0.02	0.3	43	<1	182	2	0.7	0.3	0.3	0.28	4	1.5	2.1
206762	<0.2	6.40	61	0.3	0.03	0.4	62	<1	174	2	1.1	0.4	0.4	0.29	4	2.1	3.4
206763	<0.2	4.32	149	0.3	0.01	0.3	99	<1	171	3	1.7	0.8	1.0	0.33	4	4.0	1.9
206764	<0.2	5.86	305	0.3	0.02	0.3	110	<1	224	4	1.6	0.7	0.7	0.40	5	3.8	1.0
206765	<0.2	5.11	94	0.5	0.02	0.2	109	<1	266	3	1.3	0.8	1.3	0.45	4	4.4	4.8
206766	<0.2	6.21	336	0.3	0.01	0.2	168	<1	238	5	2.6	1.3	1.2	0.55	5	5.9	3.1
206767	<0.2	5.85	365	0.3	0.02	0.2	152	<1	247	5	2.2	1.1	1.1	0.56	5	5.3	2.0
206768	<0.2	4.03	70	<0.2	<0.01	0.3	163	<1	292	4	1.6	1.1	0.7	0.58	8	2.2	0.8
206769	<0.2	5.74	505	0.3	0.01	0.3	77	<1	243	3	1.6	0.8	0.6	0.46	5	3.5	1.5
206770	<0.2	12.7	215	1.3	0.28	0.8	26	<1	199	3	2.8	1.5	0.2	0.91	14	2.4	3.6
206771	<0.2	13.9	740	2.2	1.22	0.8	38	11	314	24	1.5	0.9	0.9	4.13	19	2.6	3.2
206772	<0.2	13.0	513	0.8	0.68	0.8	102	1	162	5	1.2	0.8	0.5	1.92	15	2.4	6.2
CG515/LS4	<0.2	17.2	2260	2.1	4.86	0.8	162	15	117	3	3.0	2.4	2.6	7.36	23	5.6	4.2
206773	<0.2	3.53	483	0.4	0.30	<0.2	38	<1	219	3	1.2	0.5	0.6	0.44	3	2.1	0.9
206774	<0.2	4.58	496	0.6	0.04	0.2	39	<1	217	3	0.8	0.4	0.4	0.46	4	1.4	1.5
206775	<0.2	5.92	508	0.8	0.02	0.5	129	<1	221	7	2.4	1.0	1.3	0.42	5	4.6	1.3
206776	<0.2	5.66	487	0.6	0.11	0.3	24	<1	215	2	0.7	0.3	0.4	0.37	4	1.2	1.1
206777	<0.2	5.24	112	0.3	0.01	0.3	78	<1	224	3	1.7	0.9	1.0	0.43	4	3.5	3.7
206778	<0.2	13.4	434	1.0	1.01	0.8	91	1	169	1	2.2	0.9	0.5	1.97	17	3.8	4.1
206779	<0.2	13.9	591	0.8	0.90	0.9	87	1	145	1	4.0	1.6	0.6	1.80	16	5.0	5.3
206780	<0.2	13.4	614	0.7	0.42	0.8	28	<1	164	2	1.5	0.6	0.5	0.98	13	1.8	1.2
206781	<0.2	14.7	674	0.7	0.26	1.0	32	<1	135	6	1.5	0.8	0.5	1.47	15	2.0	1.4
206782	<0.2	11.8	353	0.9	0.20	0.8	4	1	158	6	0.4	<0.2	0.2	0.51	12	0.5	0.5
206783	<0.2	11.7	155	3.2	1.31	0.7	13	1	157	52	2.9	1.5	0.5	1.11	16	2.9	1.2
206784	<0.2	15.4	636	1.1	3.09	0.9	135	1	121	<1	9.6	5.0	3.2	2.55	9	12.1	1.9
206785	<0.2	5.40	268	0.3	0.11	<0.2	34	1	166	5	1.1	0.5	0.7	1.47	5	1.9	1.2
206786	<0.2	12.6	517	0.3	0.64	0.8	40	1	175	3	3.2	1.7	0.5	0.85	12	3.5	<0.5
206787	<0.2	13.0	816	1.2	0.84	0.8	72	<1	145	1	1.0	0.6	0.7	1.59	14	2.0	6.1
206788	<0.2	13.7	846	1.3	0.97	0.9	78	<1	142	1	1.1	0.7	0.7	1.67	15	2.1	6.3
206789	<0.2	2.54	192	1.1	1.18	<0.2	13	<1	271	4	1.8	1.1	0.5	0.50	2	1.9	<0.5
206790	<0.2	13.9	566	1.3	1.81	0.9	4	3	188	5	0.3	0.2	0.7	1.68	17	0.5	5.8
206786 R	<0.2	12.7	516	0.2	0.65	0.8	34	1	180	3	3.0	1.6	0.5	0.86	12	3.1	<0.5

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.3	2230	2.0	4.86	1.0	162	15	124	2	3.2	2.4	2.6	7.37	24	6.0	4.3
206791	<0.2	15.6	676	1.6	0.38	1.0	66	<1	114	1	3.7	2.2	0.4	1.22	17	4.1	4.3
206792	<0.2	12.8	205	1.1	0.39	0.8	5	<1	165	4	1.1	0.6	0.2	0.54	13	0.9	2.5
206793	<0.2	3.89	284	0.4	0.01	<0.2	369	<1	247	4	4.2	2.2	1.0	2.30	5	11.0	7.4
206794	<0.2	4.79	311	0.7	0.08	<0.2	401	1	267	3	5.3	2.6	0.9	3.58	8	12.2	6.3
206795	<0.2	4.86	464	<0.2	0.01	0.3	46	1	254	13	1.4	0.6	0.6	0.81	4	2.8	1.3
206796	<0.2	4.07	295	0.4	0.02	0.4	160	<1	293	30	5.2	1.7	1.7	1.26	5	9.7	3.2
206797	<0.2	5.46	306	0.5	0.02	<0.2	661	2	296	5	9.0	4.0	0.9	4.98	9	21.9	6.5
206798	<0.2	5.87	395	0.9	0.02	<0.2	540	4	287	5	8.1	3.9	0.7	3.85	8	17.8	10.6
206799	<0.2	4.84	368	0.7	0.03	<0.2	382	2	268	4	5.8	2.8	0.6	3.37	6	12.1	6.9
206801	<0.2	5.38	348	0.6	0.04	<0.2	472	1	205	4	5.4	2.6	1.0	3.27	7	14.6	5.1
206802	<0.2	13.3	414	1.1	1.02	0.9	34	<1	168	2	2.8	1.8	0.4	0.62	12	2.8	3.5
206803	<0.2	13.7	685	1.9	1.39	0.8	52	3	176	5	1.3	0.7	0.7	2.30	17	2.7	4.4
206804	<0.2	13.6	1970	0.7	0.93	0.8	320	1	133	1	2.7	1.6	0.7	1.68	14	6.2	3.0
206805	<0.2	13.0	767	1.3	0.29	0.9	33	<1	136	27	1.9	0.9	0.4	0.85	12	2.3	1.7
206806	<0.2	14.1	738	1.9	0.10	1.0	19	2	158	7	3.0	1.3	1.8	1.78	19	3.9	1.8
206807	<0.2	13.5	528	1.3	0.82	1.0	38	<1	162	<1	1.6	0.7	0.4	0.71	12	2.3	3.1
206808	<0.2	12.0	945	0.5	0.20	0.8	87	<1	195	4	4.9	2.6	0.4	1.17	11	5.7	17.6
206809	<0.2	13.0	431	1.3	1.02	0.9	59	<1	159	<1	1.5	0.8	0.4	1.47	16	2.5	4.4
206810	<0.2	13.5	507	1.1	1.14	0.9	33	<1	153	<1	1.4	1.0	0.4	1.25	15	1.8	2.9
CG515/LS4	<0.2	17.3	2330	2.1	5.02	0.9	165	16	113	2	3.1	2.2	2.6	7.28	24	5.9	4.2
206811	<0.2	12.9	500	1.1	0.94	0.8	19	<1	154	1	0.6	<0.2	0.3	0.75	13	1.0	1.9
206812	<0.2	11.5	820	0.9	0.78	0.7	96	<1	157	3	2.8	1.0	0.5	1.00	10	5.2	7.9
206813	<0.2	15.8	1160	1.3	1.87	0.9	217	<1	106	1	4.9	1.6	0.8	1.37	15	10.2	1.9
206814	<0.2	15.3	904	2.1	1.34	1.0	187	1	138	3	4.4	1.5	0.8	1.41	15	8.6	3.3
206815	<0.2	11.8	824	1.5	0.31	0.8	77	1	125	3	2.9	1.5	0.5	1.64	16	3.8	5.3
206816	<0.2	15.1	1360	0.7	1.10	0.9	551	<1	149	2	4.5	2.5	0.4	2.16	16	12.1	2.0
206818	<0.2	18.0	1320	1.3	2.89	0.9	1670	14	85	7	9.5	6.6	<0.2	6.58	31	30.2	10.6
206821	<0.2	12.7	2620	0.7	0.78	0.8	467	<1	111	1	4.0	2.1	0.6	1.40	13	10.5	3.8
206822	<0.2	13.2	702	0.7	1.21	0.8	39	<1	133	1	1.0	0.4	0.5	1.00	11	1.8	2.8
206823	<0.2	13.1	1300	0.7	0.69	0.7	277	2	101	2	4.6	2.4	0.9	3.15	20	8.9	8.3
206824	<0.2	13.5	2610	0.6	1.06	0.8	200	<1	139	<1	1.6	0.9	1.0	1.46	14	4.4	5.6
206825	<0.2	13.9	298	1.0	0.71	0.9	83	1	161	<1	7.8	3.2	0.3	1.79	15	8.7	22.3
206826	<0.2	14.5	3130	0.6	1.56	0.8	1100	4	80	1	8.0	4.9	0.4	2.04	17	21.5	3.3
206827	<0.2	12.5	634	1.0	2.09	0.7	671	5	134	4	15.0	7.3	0.5	2.93	15	27.0	29.7
206824 R	<0.2	12.9	2550	0.6	1.02	0.8	207	<1	134	<1	1.6	0.9	0.9	1.43	13	4.5	5.5

SRC Geoanalytical Laboratories

Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.4	3.20	86	28	2.79	0.073	1	3.22	8	64	22	0.660	19	16	12	8.3	<1
206602	<0.4	3.02	35	2	0.100	0.002	<1	0.05	1	29	4	0.029	5	8	1	4.3	1
206603	<0.4	0.825	21	2	0.056	0.004	<1	0.02	2	13	5	0.022	6	4	1	2.3	<1
206604	<0.4	0.893	11	4	0.039	0.002	<1	0.02	1	11	3	0.023	3	3	<1	2.1	<1
206605	0.4	2.85	49	8	0.112	0.002	<1	0.05	1	46	3	0.069	6	13	2	5.0	1
206606	1.1	7.54	48	3	0.338	0.007	<1	0.08	2	36	7	0.084	3	9	10	4.7	3
206607	<0.4	1.76	25	2	0.022	0.002	<1	0.03	<1	11	3	0.028	6	3	1	1.8	<1
206760	<0.4	2.41	27	1	0.067	0.002	<1	0.04	1	23	4	0.036	6	7	1	3.3	1
206761	<0.4	1.64	20	4	0.016	0.002	<1	0.03	<1	16	2	0.054	5	4	1	2.2	<1
206762	<0.4	1.86	28	9	0.016	0.002	<1	0.03	<1	22	3	0.086	10	6	1	3.1	2
206763	<0.4	1.35	46	3	0.129	0.004	<1	0.02	1	42	3	0.033	4	12	<1	6.8	<1
206764	<0.4	2.50	51	2	0.073	0.002	<1	0.04	1	43	5	0.037	5	12	1	6.1	1
206765	<0.4	1.59	40	3	0.078	0.004	<1	0.02	2	51	6	0.057	6	13	1	8.0	1
206766	0.6	2.37	74	3	0.082	0.002	<1	0.04	8	71	5	0.057	6	20	1	9.9	1
206767	0.4	2.26	64	3	0.080	0.002	<1	0.03	4	64	3	0.061	6	17	1	9.1	<1
206768	0.4	1.24	44	2	0.021	0.002	1	0.02	<1	38	5	0.043	3	11	1	4.9	<1
206769	<0.4	2.34	35	2	0.070	0.002	<1	0.04	3	31	5	0.035	5	8	1	4.9	1
206770	0.7	5.77	12	21	0.152	0.013	<1	3.28	7	9	2	0.085	30	2	2	1.8	1
206771	0.6	5.88	23	23	1.73	0.048	2	2.88	12	13	59	0.110	40	2	9	2.5	<1
206772	0.4	6.10	49	11	0.435	0.025	1	3.16	1	34	5	0.093	30	10	3	3.8	<1
CG515/LS4	1.5	3.15	87	27	2.78	0.074	<1	3.19	9	65	22	0.670	19	16	12	8.5	<1
206773	<0.4	2.27	18	2	0.084	0.002	<1	0.04	<1	16	3	0.247	9	4	<1	2.6	<1
206774	<0.4	2.90	16	1	0.119	0.002	<1	0.04	1	15	4	0.051	8	4	<1	2.1	<1
206775	<0.4	3.47	57	2	0.176	0.002	<1	0.05	1	51	4	0.050	13	14	1	7.6	<1
206776	<0.4	3.39	11	2	0.168	0.002	<1	0.05	<1	10	5	0.102	6	2	<1	1.6	<1
206777	0.4	1.73	33	2	0.165	0.002	<1	0.02	1	34	4	0.031	5	9	1	6.1	2
206778	0.6	4.73	45	30	0.382	0.027	<1	3.57	8	31	6	0.080	28	9	4	4.4	<1
206779	0.9	6.54	43	28	0.352	0.020	<1	3.21	7	32	4	0.236	33	9	3	5.0	<1
206780	<0.4	7.04	14	5	0.183	0.011	<1	3.03	2	10	1	0.123	34	2	1	1.7	<1
206781	0.4	8.04	16	18	0.566	0.019	<1	2.89	2	11	3	0.095	37	3	2	1.9	<1
206782	<0.4	7.02	2	11	0.210	0.014	<1	2.47	1	1	3	0.019	51	<1	<1	<0.5	<1
206783	0.6	1.92	5	17	0.306	0.012	<1	4.35	7	10	5	0.029	29	2	<1	2.8	<1
206784	1.9	6.42	59	10	1.34	0.004	1	0.11	2	58	5	2.34	3	15	9	11.4	<1
206785	<0.4	2.23	11	2	0.134	0.006	<1	0.03	3	11	3	0.102	5	2	<1	2.4	<1
206786	0.7	5.11	19	5	0.243	0.008	1	2.69	2	16	3	0.086	49	4	1	3.2	<1
206787	<0.4	5.70	37	5	0.397	0.017	<1	3.05	3	25	4	0.085	23	7	2	3.2	<1
206788	0.4	6.03	42	6	0.405	0.020	<1	3.23	3	26	7	0.084	25	8	2	3.2	<1
206789	<0.4	0.201	7	1	0.007	0.003	<1	0.04	<1	7	9	1.69	41	1	1	1.6	<1
206790	<0.4	3.10	2	19	0.556	0.019	<1	4.17	3	1	11	0.044	43	<1	3	0.8	<1
206786 R	0.7	5.12	16	6	0.247	0.008	1	2.71	2	13	3	0.085	48	3	1	2.6	<1

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: 07-1150

Melkior Resource, Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.4	3.22	87	28	2.81	0.075	<1	3.20	9	66	24	0.665	20	17	12	8.5	<1
206791	0.8	10.4	33	14	0.250	0.031	<1	2.32	8	24	1	0.117	50	6	5	4.1	2
206792	<0.4	5.36	2	7	0.177	0.022	<1	3.33	1	1	2	0.054	40	<1	1	<0.5	<1
206793	1.4	2.47	167	1	0.183	0.003	<1	0.05	4	149	8	0.069	15	41	5	19.8	1
206794	1.4	2.62	195	3	0.323	0.005	<1	0.05	5	148	8	0.130	17	44	7	19.0	1
206795	<0.4	3.34	22	1	0.185	0.003	<1	0.06	4	19	7	0.036	18	4	2	3.4	<1
206796	0.9	2.45	74	2	0.208	0.004	1	0.04	6	68	7	0.059	31	18	3	14.2	<1
206797	2.3	2.78	324	4	0.334	0.006	1	0.04	7	249	7	0.128	21	74	11	32.7	2
206798	2.3	3.37	260	4	0.448	0.006	<1	0.05	8	204	7	0.119	26	59	11	27.0	3
206799	1.6	2.85	186	3	0.376	0.005	<1	0.04	4	143	9	0.097	19	40	8	18.0	1
206801	1.4	3.04	213	2	0.213	0.004	<1	0.05	3	196	5	0.114	17	53	5	26.0	<1
206802	0.7	4.16	17	7	0.137	0.010	<1	4.28	1	13	3	0.053	51	3	1	2.6	<1
206803	<0.4	4.29	28	31	0.772	0.030	2	3.62	7	19	17	0.093	26	5	5	3.3	<1
206804	0.9	6.14	179	11	0.632	0.017	<1	2.85	3	98	3	0.139	23	31	2	9.4	<1
206805	0.5	6.52	15	8	0.165	0.014	2	3.21	2	12	1	0.056	47	3	1	2.1	<1
206806	0.7	6.81	9	9	1.06	0.003	<1	1.46	8	10	10	0.067	20	2	2	3.0	<1
206807	<0.4	5.97	17	10	0.171	0.015	<1	3.28	1	14	4	0.051	38	3	1	2.5	<1
206808	1.3	8.24	39	8	0.278	0.013	3	1.76	4	31	5	0.088	80	9	3	5.8	<1
206809	<0.4	4.01	30	29	0.252	0.030	3	3.78	6	20	1	0.053	30	5	4	3.1	<1
206810	0.4	4.02	18	23	0.202	0.032	<1	3.99	5	11	3	0.048	38	3	4	1.9	<1
CG515/LS4	1.3	3.14	89	26	2.85	0.076	<1	3.20	9	66	26	0.691	19	16	12	8.5	<1
206811	<0.4	4.22	11	11	0.124	0.014	1	3.84	2	6	3	0.046	33	1	1	1.4	<1
206812	0.6	5.15	47	6	0.250	0.016	6	2.66	1	35	7	0.050	39	10	2	6.0	<1
206813	0.9	4.82	111	14	0.399	0.021	2	4.20	1	81	3	0.074	43	23	3	12.6	<1
206814	0.8	3.89	91	16	0.388	0.016	1	4.60	1	67	4	0.074	28	19	2	10.2	<1
206815	0.8	5.76	35	31	0.708	0.026	1	2.43	9	27	4	0.064	31	7	4	4.1	1
206816	1.2	7.75	292	5	0.204	0.015	<1	3.14	<1	182	4	0.186	38	58	1	19.1	<1
206818	3.7	5.09	926	47	3.31	0.050	<1	4.27	8	534	20	0.554	51	169	10	51.7	<1
206821	1.1	5.96	254	13	0.479	0.011	<1	2.93	2	149	3	0.203	32	47	2	15.6	<1
206822	<0.4	5.45	21	8	0.191	0.008	<1	3.15	2	13	4	0.049	38	4	1	2.2	<1
206823	1.5	6.24	125	10	1.20	0.026	<1	2.84	8	91	4	0.225	19	28	5	11.2	<1
206824	0.6	5.82	112	10	0.437	0.010	<1	2.94	3	64	4	0.110	21	20	2	6.6	<1
206825	1.6	5.90	34	9	0.559	0.007	<1	3.61	<1	33	2	0.124	87	9	1	7.5	<1
206826	2.4	7.04	635	10	0.740	0.014	2	2.86	4	346	8	0.548	46	113	3	34.4	<1
206827	3.8	3.19	322	20	1.02	0.028	16	3.06	5	244	7	0.502	42	74	7	34.3	<1
206824 R	0.5	5.52	114	10	0.421	0.009	<1	2.81	3	66	3	0.106	20	20	1	6.8	<1

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1170	<1	<0.3	15	0.985	△	128	1	20	2.0	83	170
206602	18	<1	<0.3	40	0.073	△	13	2	6	0.7	5	143
206603	16	<1	<0.3	179	0.051	△	17	1	7	1.2	5	138
206604	11	<1	<0.3	49	0.030	△	6	1	9	1.1	4	79
206605	14	<1	<0.3	125	0.093	△	13	2	4	0.5	4	70
206606	79	<1	<0.3	20	0.250	△	56	2	21	3.2	13	295
206607	19	<1	<0.3	69	0.037	△	16	<1	3	0.6	3	45
206760	23	<1	<0.3	51	0.078	△	10	1	5	0.6	7	61
206761	149	<1	<0.3	35	0.026	△	7	<1	2	0.4	4	89
206762	238	<1	<0.3	69	0.033	△	8	<1	3	0.6	2	136
206763	16	<1	<0.3	106	0.052	△	16	<1	6	0.8	4	79
206764	18	<1	<0.3	93	0.077	△	9	1	5	0.6	5	55
206765	88	<1	0.4	152	0.065	△	17	<1	6	1.0	7	194
206766	18	2	0.7	199	0.156	△	10	<1	10	1.2	4	123
206767	20	<1	<0.3	153	0.113	△	9	<1	8	1.0	3	90
206768	30	<1	<0.3	88	0.030	△	14	<1	5	1.2	3	48
206769	22	<1	<0.3	73	0.095	△	10	<1	6	0.8	4	73
206770	55	<1	<0.3	16	0.051	22	10	<1	19	2.0	14	104
206771	200	<1	<0.3	11	0.377	4	66	<1	10	0.9	74	113
206772	132	<1	<0.3	23	0.167	29	30	<1	6	0.8	41	241
CG515/LS4	1170	<1	<0.3	14	1.03	△	133	<1	20	2.0	84	141
206773	50	<1	<0.3	77	0.025	△	6	<1	5	0.5	6	44
206774	42	<1	<0.3	65	0.038	△	7	<1	3	0.4	4	66
206775	43	<1	0.4	303	0.047	△	11	<1	9	0.7	5	66
206776	39	<1	<0.3	31	0.035	△	7	<1	3	0.4	4	58
206777	7	<1	0.4	93	0.052	△	10	<1	7	1.0	4	129
206778	141	<1	<0.3	19	0.259	4	25	<1	11	0.8	40	143
206779	148	<1	<0.3	22	0.241	4	25	<1	21	1.1	40	180
206780	135	<1	<0.3	8	0.090	△	16	<1	8	0.6	18	46
206781	144	<1	<0.3	12	0.108	4	22	<1	9	0.8	26	45
206782	129	<1	<0.3	7	0.068	15	14	<1	2	0.3	11	12
206783	242	<1	<0.3	40	0.086	29	22	<1	16	1.7	15	34
206784	27	<1	1.0	40	0.130	<2	39	<1	55	5.6	22	65
206785	24	<1	<0.3	50	0.055	△	24	<1	5	0.7	12	49
206786	225	<1	<0.3	28	0.094	18	14	<1	18	2.0	15	8
206787	150	<1	<0.3	27	0.142	△	20	<1	6	0.6	22	219
206788	162	<1	<0.3	28	0.149	△	21	<1	6	0.6	25	219
206789	825	<1	<0.3	2	0.010	10	9	<1	15	1.0	27	29
206790	270	<1	<0.3	7	0.185	22	28	<1	2	0.4	35	153
206786 R	232	<1	<0.3	23	0.096	19	14	<1	19	1.9	13	8

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-1150

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 76

Date of Report: November 26, 2007

ICP4.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1180	<1	<0.3	15	1.06	<2	136	<1	21	2.0	84	147
206791	160	<1	<0.3	24	0.101	12	17	<1	24	3.3	29	121
206792	88	<1	<0.3	4	0.026	20	11	<1	8	1.1	13	58
206793	38	1	1.5	94	0.488	<2	25	<1	16	1.6	6	298
206794	39	<1	1.5	118	0.380	4	47	<1	20	1.7	8	257
206795	57	<1	0.4	13	0.064	80	152	<1	5	0.7	5	58
206796	39	<1	1.5	54	0.179	177	189	<1	16	1.8	9	125
206797	42	2	2.8	208	0.597	<2	66	<1	30	2.3	11	256
206798	51	1	2.5	159	0.722	3	43	<1	32	2.9	11	422
206799	47	<1	1.6	111	0.454	<2	29	<1	24	2.2	24	269
206801	48	<1	1.7	146	0.364	<2	35	<1	18	1.3	8	187
206802	161	<1	<0.3	16	0.045	15	13	<1	18	2.3	16	99
206803	226	<1	<0.3	15	0.184	<2	31	<1	7	0.6	45	140
206804	255	<1	<0.3	54	0.211	<2	24	<1	11	0.6	27	142
206805	127	<1	<0.3	12	0.068	60	14	1	11	1.0	12	56
206806	79	<1	<0.3	5	0.122	9	306	<1	12	1.6	9	71
206807	145	<1	<0.3	15	0.054	9	13	<1	9	0.8	13	97
206808	158	<1	0.7	41	0.068	18	17	<1	29	3.7	16	522
206809	115	<1	<0.3	17	0.126	4	16	<1	8	0.8	35	143
206810	137	<1	<0.3	11	0.103	12	15	<1	10	1.3	27	95
CG515/LS4	1160	2	<0.3	14	0.992	<2	132	<1	20	2.0	87	144
206811	125	<1	<0.3	7	0.054	14	12	<1	3	0.3	15	58
206812	201	<1	<0.3	35	0.067	4	16	1	11	0.9	20	248
206813	304	<1	<0.3	77	0.129	<2	19	<1	17	0.6	28	66
206814	279	<1	<0.3	59	0.086	<2	21	<1	17	0.7	17	125
206815	89	<1	<0.3	31	0.224	51	20	1	16	1.6	28	170
206816	330	<1	0.6	107	0.126	<2	22	<1	16	0.8	27	97
206818	445	<1	2.7	290	1.14	<2	65	<1	32	1.7	136	479
206821	350	<1	0.4	87	0.170	<2	20	<1	14	0.7	31	167
206822	148	<1	<0.3	13	0.089	8	13	<1	5	0.4	18	101
206823	170	<1	0.7	74	0.556	<2	39	<1	23	1.9	50	352
206824	377	<1	<0.3	36	0.234	<2	27	<1	6	0.4	26	244
206825	98	<1	1.5	45	0.029	45	15	<1	45	3.6	20	700
206826	482	<1	1.8	169	0.299	<2	32	<1	28	1.4	45	166
206827	270	<1	4.1	180	0.372	<2	29	<1	70	5.8	43	1130
206824 R	367	<1	<0.3	37	0.224	<2	26	<1	6	0.4	24	252

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
 The standard is CG515.

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 5

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 5

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Total Digestion

Column Header Details

Vanadium in ppm (V)

Tungsten in ppm (W)

Yttrium in ppm (Y)

Ytterbium in ppm (Yb)

Zinc in ppm (Zn)

Zirconium in ppm (Zr)

Melkior Resources Inc.
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 PO #/Project:
 Samples: 5

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Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.8	2090	2.1	4.95	1.2	149	18	121	5	3.5	2.5	2.3	7.25	23	6.0	3.4
206574	<0.2	3.73	376	0.4	0.02	1.4	141	<1	217	3	4.3	1.6	2.0	0.58	3	9.2	2.2
206621	0.3	6.97	183	0.6	0.03	1.4	158	2	186	2	9.0	3.6	2.8	0.46	5	15.7	10.6
206920	0.7	11.0	302	1.3	0.02	1.4	147	9	132	5	9.3	5.1	3.0	0.94	8	13.3	28.3
206621 R	0.3	6.81	177	0.6	0.03	1.0	157	2	186	2	8.9	3.6	2.8	0.45	5	15.6	10.2

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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 5

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.6	3.23	83	25	2.76	0.077	1	3.27	7	59	24	0.669	17	14	12	8.1	4
206574	0.6	1.10	79	12	0.057	0.007	1	0.02	12	55	5	0.098	46	13	1	10.1	<1
206621	1.6	2.18	65	12	0.120	0.008	1	0.04	29	58	6	0.119	33	13	2	13.6	2
206920	3.1	4.26	55	6	0.483	0.004	<1	0.04	68	64	8	0.131	25	15	4	12.0	8
206621 R	1.6	2.11	62	12	0.116	0.008	1	0.04	31	58	6	0.116	34	13	2	13.3	2

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Report No: G-07-1306

Melkior Resources Inc.

Attention: Jens E. Hansen

PO #/Project:

Samples: 5

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1130	<1	<0.3	11	1.01	4	124	<1	20	1.9	83	172
206574	81	6	1.8	551	0.193	6	21	<1	13	1.6	2	149
206621	59	7	3.6	722	0.542	14	22	<1	34	3.9	2	520
206920	12	10	4.2	598	1.71	16	43	2	44	6.3	4	1220
206621 R	57	7	3.6	705	0.534	12	22	<1	33	3.9	3	514

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-07-1306

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 120

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

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Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.0	2110	2.0	4.85	0.9	149	19	113	4	3.3	2.2	2.2	7.32	22	5.5	3.8
206563	1.1	19.0	244	3.1	3.39	1.0	376	15	99	8	11.2	6.1	1.2	10.4	37	17.5	36.7
206564	0.6	18.6	199	3.1	3.48	1.3	299	14	81	12	10.8	5.8	1.1	9.08	35	15.5	37.1
206565	0.6	18.5	159	3.2	3.54	1.2	264	13	74	7	10.6	5.6	1.1	8.58	34	15.4	37.9
206566	0.9	18.2	217	2.7	3.14	1.2	279	14	84	7	10.2	5.3	1.1	8.60	34	15.6	36.4
206567	0.9	18.0	175	2.6	3.23	1.3	393	18	76	8	12.5	6.6	1.3	11.3	39	19.3	37.9
206568	1.3	17.9	229	2.2	2.98	1.1	448	19	59	6	12.3	6.3	1.3	12.0	40	20.2	36.1
206569	1.0	18.4	200	2.6	3.29	1.0	453	20	60	6	13.0	6.7	1.3	12.4	42	20.3	39.4
206570	<0.2	15.2	287	2.2	2.10	1.0	6	4	129	5	1.2	0.7	0.4	2.57	19	1.3	5.4
206571	0.5	14.5	549	1.6	1.79	0.8	11	3	124	6	3.1	1.7	0.4	3.44	17	3.0	11.8
206572	0.3	15.8	663	1.5	1.77	1.1	17	2	117	4	3.8	2.2	0.5	2.23	17	3.9	12.4
206573	<0.2	17.1	621	1.9	2.30	1.3	20	1	107	5	6.4	3.6	0.6	3.46	21	6.3	13.6
206575	<0.2	5.50	85	0.3	0.01	1.1	60	<1	202	2	1.4	0.7	0.5	0.80	4	2.4	1.2
206576	<0.2	13.3	608	0.9	0.01	1.6	26	1	115	3	1.0	0.5	0.5	2.11	13	1.5	3.3
206577	0.6	15.3	499	1.0	0.01	1.9	32	3	105	1	1.8	1.2	0.9	2.87	15	2.4	11.7
206578	0.2	25.7	164	1.4	0.01	2.2	64	4	81	4	2.0	1.5	1.0	2.55	25	3.0	6.8
206579	0.3	5.26	154	0.4	0.01	1.3	54	<1	234	<1	1.2	0.7	0.9	0.47	4	2.7	8.7
206609	<0.2	3.33	72	0.2	<0.01	1.2	42	<1	265	1	0.8	0.4	0.6	0.35	3	1.9	1.1
206610	<0.2	5.49	87	0.4	0.01	1.4	180	1	208	<1	2.4	1.2	1.4	0.40	4	5.5	1.7
206611	<0.2	2.81	58	<0.2	0.03	0.8	30	<1	256	1	0.8	0.5	0.3	0.41	2	1.5	1.2
CG515/LS4	<0.2	17.2	2080	2.0	4.80	1.1	148	19	115	4	3.3	2.4	2.3	7.14	22	5.9	3.5
206612	<0.2	7.27	51	0.3	0.01	0.4	32	<1	246	2	0.7	0.3	0.4	0.43	5	1.6	1.0
206613	<0.2	7.16	82	0.3	0.01	0.5	21	<1	230	1	0.8	0.5	0.3	0.36	5	1.4	1.3
206614	<0.2	7.84	147	0.4	0.01	0.5	138	1	226	<1	2.5	1.2	1.1	0.44	6	4.1	3.7
206615	<0.2	5.66	79	0.3	0.02	0.3	72	<1	228	<1	1.6	0.8	1.7	0.43	4	5.2	2.5
206616	<0.2	4.98	51	0.2	<0.01	0.4	36	<1	267	1	0.8	0.5	0.5	0.40	4	2.0	1.6
206617	<0.2	6.22	84	0.3	<0.01	0.4	85	1	178	<1	1.1	0.5	0.5	0.35	5	2.2	2.5
206618	<0.2	9.82	95	0.4	<0.01	0.8	19	1	213	1	0.8	0.5	0.4	0.42	7	1.5	2.7
206619	<0.2	11.2	95	0.4	<0.01	1.0	6	1	201	1	0.7	0.4	<0.2	0.43	8	1.0	1.8
206620	<0.2	4.78	85	0.2	<0.01	0.3	41	<1	248	<1	0.9	0.4	0.3	0.36	3	1.5	0.9
206622	<0.2	5.60	104	0.5	0.03	0.4	62	1	229	3	1.4	0.6	0.8	0.35	4	3.0	2.9
206623	0.4	7.43	146	0.8	0.06	0.5	163	1	225	3	2.6	1.4	1.5	0.41	5	5.5	8.1
206624	<0.2	5.45	57	0.3	0.03	0.5	26	<1	239	2	0.8	0.3	0.3	0.32	4	1.6	1.2
206625	<0.2	4.46	104	0.6	0.04	0.4	61	1	236	<1	1.5	0.7	0.7	0.34	3	2.9	3.1
206626	<0.2	14.7	476	1.0	<0.01	0.9	35	3	141	2	1.3	0.9	0.7	2.13	18	2.2	4.5
206627	0.4	18.3	211	0.9	0.01	1.3	41	3	124	3	1.5	1.0	0.7	3.56	19	2.4	5.9
206628	0.2	5.79	258	0.4	0.01	0.6	47	1	243	3	1.1	0.7	1.0	0.45	4	2.9	5.6
206629	<0.2	4.72	132	0.3	0.02	0.2	55	<1	241	<1	1.3	0.6	1.0	0.51	4	3.5	0.6
206851	0.6	14.5	716	1.8	1.03	1.0	14	1	242	<1	0.6	0.2	0.4	1.70	17	1.2	8.1
206626 R	0.2	15.0	481	1.1	<0.01	1.1	35	2	144	2	1.3	0.8	0.6	2.18	18	2.2	4.2

SRC Geanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.9	2180	2.2	4.97	0.8	161	17	125	3	3.5	2.5	2.7	7.43	26	5.2	3.4
206901	0.4	14.1	813	1.2	0.79	0.8	80	<1	228	6	1.7	0.3	0.6	0.98	13	3.9	8.8
206902	<0.2	4.29	65	0.3	0.04	0.2	28	<1	244	2	0.9	0.5	0.4	0.39	4	1.6	2.6
206903	<0.2	5.46	64	0.3	0.01	0.3	48	<1	206	3	1.0	0.5	0.4	0.37	5	1.8	2.7
206904	<0.2	6.80	112	0.3	0.01	0.4	40	<1	260	3	1.2	0.6	0.6	0.46	6	2.2	1.7
206905	<0.2	6.50	100	0.3	0.02	0.4	117	<1	229	5	1.0	0.6	0.7	0.38	5	2.6	3.3
206906	<0.2	14.2	461	1.6	1.50	0.8	282	1	152	10	13.8	5.9	6.3	0.52	15	26.1	15.4
206907	<0.2	6.62	60	0.3	<0.01	0.4	36	<1	221	3	0.9	0.6	0.2	0.43	6	1.2	2.8
206908	<0.2	6.14	80	0.3	<0.01	0.3	46	<1	237	3	1.1	0.6	0.4	0.40	5	1.6	2.0
206909	<0.2	5.46	51	0.2	0.02	0.3	23	<1	284	2	0.5	0.3	0.4	0.35	5	1.5	1.6
206910	<0.2	5.74	83	0.2	0.01	0.3	111	<1	273	3	1.9	0.8	1.9	0.46	5	6.4	2.5
206911	<0.2	7.72	204	0.6	0.02	0.4	161	<1	267	5	3.8	1.8	2.4	0.56	6	8.0	8.2
206912	<0.2	18.9	542	1.0	0.06	1.1	274	1	131	4	7.0	3.9	4.7	0.83	16	14.8	26.0
206913	<0.2	12.9	174	0.4	0.01	0.8	56	<1	167	1	1.7	0.9	0.8	0.54	12	2.8	4.4
206914	<0.2	6.08	117	0.2	<0.01	0.4	26	<1	198	2	0.8	0.3	0.4	0.48	6	1.5	1.7
206915	<0.2	7.10	82	0.3	<0.01	0.5	19	<1	208	2	1.0	0.4	0.2	0.36	6	1.3	2.0
206916	<0.2	9.16	128	0.3	<0.01	0.5	29	<1	157	2	1.7	0.8	0.5	0.34	8	2.3	1.6
206917	<0.2	7.24	179	0.8	0.07	0.4	32	4	180	10	1.6	0.7	0.7	0.34	6	2.7	4.0
206918	<0.2	6.89	84	0.2	<0.01	0.4	34	1	198	3	1.1	0.6	0.3	0.37	6	1.5	3.7
206919	0.2	7.03	120	0.2	0.17	0.5	47	<1	214	3	1.8	0.7	0.9	0.32	7	3.6	4.8
CG515/LS4	<0.2	17.3	2210	2.2	4.75	0.8	148	18	114	5	3.4	2.1	2.5	7.18	25	5.0	3.6
206921	<0.2	16.2	316	0.5	0.01	0.9	48	1	140	3	2.0	1.0	1.0	0.46	13	3.7	8.4
206922	<0.2	7.19	85	0.3	0.01	0.5	24	<1	172	2	0.9	0.5	0.3	0.30	7	1.4	1.2
206923	<0.2	8.39	168	0.3	<0.01	0.5	25	<1	211	3	1.1	0.6	0.5	0.55	7	1.8	3.2
206924	<0.2	6.64	49	0.2	<0.01	0.4	20	<1	223	3	0.5	0.3	0.4	0.36	6	1.3	1.0
206925	<0.2	9.54	144	0.5	0.02	0.6	94	<1	210	5	1.4	0.7	1.6	0.46	8	4.6	3.6
206926	<0.2	4.92	139	<0.2	0.01	0.2	19	<1	257	5	1.5	0.6	0.3	0.35	4	1.9	3.1
206927	<0.2	5.28	64	0.2	0.01	0.3	48	<1	254	2	0.7	0.4	0.6	0.39	5	1.8	2.1
206928	<0.2	4.27	116	0.2	0.01	0.4	22	1	255	4	1.2	0.4	0.5	0.52	4	2.3	<0.5
206929	<0.2	7.81	105	0.2	0.01	0.7	88	<1	266	6	1.9	0.7	1.1	0.55	7	4.5	3.7
206930	<0.2	7.34	157	0.3	<0.01	0.5	69	<1	212	4	1.2	0.4	0.7	0.35	7	2.9	1.4
206931	<0.2	4.98	151	0.2	0.01	0.3	80	<1	212	6	2.2	0.8	1.4	0.51	5	5.6	1.4
206932	<0.2	8.34	220	0.4	0.01	0.6	79	<1	177	6	1.6	0.6	1.1	0.40	7	4.0	3.1
206933	<0.2	19.3	322	0.6	0.01	1.2	85	<1	146	7	4.1	1.3	1.5	0.56	16	7.6	5.5
206934	<0.2	9.32	157	0.4	0.01	0.6	107	<1	183	8	3.0	1.0	1.2	0.49	8	5.7	4.1
206935	<0.2	5.07	97	0.2	0.01	0.3	70	<1	206	8	2.9	0.7	1.2	0.37	4	5.8	2.8
206936	<0.2	5.44	83	0.3	0.01	0.6	87	<1	201	8	3.6	1.2	1.0	0.46	5	5.7	2.4
206937	<0.2	5.61	114	0.3	<0.01	0.5	53	<1	216	5	1.6	0.6	0.8	0.51	5	3.8	1.5
206938	<0.2	4.64	297	1.7	0.10	0.4	274	<1	216	13	4.8	1.3	6.1	0.41	3	19.3	5.7
206935 R	<0.2	5.02	98	0.3	0.01	0.4	70	<1	193	8	2.9	0.7	1.2	0.36	4	5.9	3.0

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4	<0.2	17.4	2210	2.2	4.75	0.7	158	19	115	3	3.2	2.2	2.3	7.12	24	5.1	4.2
206939	<0.2	6.13	144	0.8	0.06	0.4	131	<1	178	7	2.3	0.9	3.0	0.44	5	7.8	4.2
206940	<0.2	6.42	141	0.5	0.05	0.3	108	<1			2.5	0.9	1.2	0.39	5	5.1	5.7
206941	<0.2	2.64	354	0.7	0.07	<0.2	106	<1	250	8	2.1	0.6	1.0	0.37	2	4.5	2.0
206942	0.3	15.0	750	1.2	0.85	0.8	116	1	188	3	2.7	0.7	0.5	1.52	16	4.6	10.8
206943	<0.2	5.33	189	0.2	0.01	0.3	13	<1	256	2	0.3	<0.2	<0.2	0.54	5	0.9	1.1
206944	0.2	5.78	181	0.4	0.01	0.3	73	<1	220	6	1.0	0.4	1.0	0.57	5	3.4	7.5
206945	<0.2	5.06	101	0.3	0.01	0.2	60	<1	277	3	1.0	0.4	1.2	0.44	4	3.1	1.8
489501	0.6	14.0	865	0.7	0.83	0.8	77	<1	139	1	1.4	0.2	0.6	1.42	14	3.5	15.5
489502	<0.2	9.46	708	0.6	0.07	0.8	31	1	159	4	1.0	0.5	0.6	0.56	8	2.0	3.7
489503	0.3	15.7	222	2.6	1.99	0.8	133	1	137	1	3.2	1.0	0.5	1.89	21	5.3	12.5
489504	<0.2	13.4	606	0.8	0.43	0.9	75	2	189	8	2.4	0.8	0.5	1.14	13	3.7	5.7
489505	<0.2	13.8	321	0.7	0.64	0.9	35	1	140	2	2.7	1.9	0.3	1.07	16	2.5	3.5
489506	<0.2	14.4	2610	0.7	1.02	0.6	133	7	153	10	1.8	0.6	1.1	2.12	13	4.3	5.2
489507	<0.2	8.43	495	0.3	<0.01	0.4	26	1	186	2	0.5	<0.2	0.2	0.34	7	0.9	1.0
489508	<0.2	5.28	91	0.2	<0.01	0.3	61	1	232	3	1.6	0.7	0.6	0.63	5	2.4	3.7
489509	<0.2	5.25	70	0.2	<0.01	<0.2	34	<1	200	2	1.0	0.4	0.3	0.33	4	1.5	1.6
489510	<0.2	5.97	233	0.2	0.06	0.2	39	<1	216	2	0.9	0.5	0.4	0.34	5	1.7	2.0
489511	<0.2	6.28	149	0.7	<0.01	0.3	24	2	274	6	1.0	0.4	0.4	1.24	5	1.8	2.0
489512	<0.2	8.83	243	0.8	<0.01	0.5	8	3	122	2	0.5	<0.2	<0.2	0.56	7	0.9	1.3
CG515/LS4	<0.2	17.7	2230	2.3	4.80	0.9	160	20	114	3	3.4	2.1	2.3	7.19	25	5.2	4.1
489513	<0.2	9.82	141	0.5	0.02	0.6	47	1	176	4	1.8	0.9	1.0	0.40	8	3.3	5.6
489514	<0.2	5.55	86	0.2	<0.01	0.3	33	1	210	3	1.4	0.4	0.5	0.42	4	2.2	2.2
489515	<0.2	5.19	56	<0.2	<0.01	0.3	30	<1	174	3	1.0	0.3	0.2	0.34	4	1.4	2.7
489516	<0.2	10.4	110	0.4	<0.01	0.6	35	<1	175	2	0.6	0.2	0.4	0.38	9	1.4	1.7
489517	<0.2	12.7	265	0.8	0.08	0.8	59	2	167	5	1.5	0.6	0.7	0.37	10	2.7	4.4
489518	<0.2	5.75	125	0.2	<0.01	0.4	32	1	191	2	1.3	0.5	0.4	0.33	4	1.8	1.7
489519	<0.2	5.84	41	0.2	<0.01	0.3	13	1	235	2	0.4	<0.2	0.2	0.36	5	1.0	0.6
489520	<0.2	7.15	57	0.3	<0.01	0.4	16	<1	216	2	0.5	<0.2	0.2	0.36	6	1.0	1.3
489551	0.7	19.0	84	2.9	3.17	1.0	145	5	150	2	4.2	1.2	0.6	3.88	29	6.8	25.6
489552	<0.2	18.6	133	2.4	3.00	0.9	284	11	88	1	7.2	3.0	0.8	7.18	34	11.1	20.8
489553	<0.2	15.0	394	2.1	1.28	0.8	79	9	195	7	2.3	0.9	0.6	4.27	23	3.9	5.4
489554	<0.2	13.7	236	2.0	0.67	0.9	54	1	125	1	2.8	1.1	0.2	1.12	19	3.7	3.1
489555	<0.2	13.5	344	1.8	1.02	0.8	493	2	163	4	7.8	2.5	0.7	1.58	18	20.2	2.7
489556	<0.2	4.99	124	0.2	0.01	0.2	188	<1	256	4	2.8	1.2	1.7	0.49	6	6.7	1.6
489557	<0.2	2.49	32	<0.2	0.01	<0.2	6	<1	209	1	0.3	<0.2	<0.2	0.30	2	0.8	0.6
489558	<0.2	4.62	58	0.2	<0.01	0.2	34	<1	200	3	0.7	0.2	0.4	0.36	4	1.6	0.9
489559	<0.2	2.27	43	<0.2	1.53	<0.2	8	12	222	12	1.0	0.4	0.2	0.40	1	1.3	1.5
489560	<0.2	5.97	63	0.2	0.01	0.3	22	<1	191	2	0.6	0.3	0.2	0.34	5	1.2	1.1
489558 R	<0.2	4.72	57	0.2	<0.01	0.2	34	<1	203	3	0.6	0.2	0.4	0.36	4	1.7	0.8

SRC Geoanalytical Laboratories

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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.5	3.15	84	25	2.80	0.076	1	3.14	7	61	22	0.656	19	14	12	8.1	2
206563	3.4	4.65	181	92	2.42	0.126	1	5.07	21	146	13	0.756	39	34	22	22.1	6
206564	3.3	3.87	143	82	2.12	0.112	1	5.34	17	119	13	0.794	35	27	19	18.6	6
206565	3.3	3.66	126	91	2.17	0.112	2	5.47	20	109	10	0.834	30	25	19	18.0	5
206566	3.1	3.96	131	76	2.14	0.118	1	5.12	20	112	10	0.769	33	25	19	18.0	6
206567	3.8	3.84	189	103	2.87	0.153	1	4.76	28	154	14	0.775	36	37	26	23.4	9
206568	3.8	4.45	212	111	3.11	0.162	1	4.51	32	173	14	0.662	42	40	28	25.6	9
206569	4.1	4.71	222	138	3.42	0.169	1	4.57	38	175	15	0.740	42	40	33	26.5	11
206570	0.6	2.73	3	29	0.767	0.033	<1	4.73	3	4	6	0.103	35	<1	4	1.6	<1
206571	0.8	4.76	4	14	0.612	0.030	<1	3.76	2	8	5	0.223	107	1	4	2.9	<1
206572	1.1	5.65	6	13	0.492	0.025	<1	4.07	<1	11	5	0.289	95	2	3	3.4	<1
206573	1.6	5.23	6	16	0.581	0.032	<1	4.64	1	15	5	0.396	159	2	4	5.1	<1
206575	<0.4	1.63	31	4	0.094	0.006	<1	0.03	4	18	5	0.038	7	4	<1	3.0	1
206576	<0.4	6.75	14	3	0.322	0.011	<1	0.09	2	13	6	0.032	6	2	3	2.2	2
206577	0.8	7.20	14	4	0.372	0.012	<1	0.08	3	20	7	0.034	6	4	2	3.3	1
206578	1.1	9.76	34	3	0.454	0.014	<1	0.10	2	24	7	0.074	5	6	9	3.9	3
206579	0.4	2.19	22	7	0.090	0.004	<1	0.03	4	23	3	0.046	4	5	1	3.9	2
206609	<0.4	1.00	19	<1	0.054	0.004	1	0.01	1	18	4	0.027	3	4	<1	2.9	1
206610	0.5	1.76	61	2	0.136	0.006	1	0.02	5	51	4	0.040	3	12	<1	8.1	<1
206611	<0.4	0.882	12	1	0.090	0.003	1	0.06	2	11	3	0.016	1	2	<1	1.6	<1
CG515/LS4	1.6	3.15	81	25	2.77	0.076	<1	3.16	7	59	21	0.658	18	15	12	7.8	3
206612	<0.4	2.21	13	5	0.060	0.003	<1	0.03	1	13	5	0.026	4	2	<1	2.3	1
206613	<0.4	2.16	9	1	0.105	0.002	<1	0.03	2	9	6	0.020	1	2	<1	1.5	1
206614	0.5	2.45	58	2	0.169	0.004	<1	0.03	6	43	5	0.045	5	10	1	6.1	2
206615	<0.4	1.75	28	5	0.073	0.002	<1	0.02	5	36	4	0.051	9	7	1	8.0	2
206616	<0.4	1.51	14	3	0.050	0.003	1	0.02	2	16	5	0.026	4	3	<1	2.6	1
206617	<0.4	2.00	27	1	0.152	0.005	<1	0.02	3	21	4	0.023	4	5	<1	3.2	1
206618	<0.4	3.09	8	2	0.123	0.002	<1	0.04	3	9	7	0.025	2	2	1	1.8	2
206619	<0.4	3.49	2	2	0.130	0.002	<1	0.04	5	3	6	0.018	2	<1	1	1.0	1
206620	<0.4	1.48	20	<1	0.110	0.004	<1	0.02	2	15	4	0.019	3	4	<1	1.9	<1
206622	<0.4	1.58	26	5	0.019	0.002	<1	0.02	4	24	4	0.135	13	5	1	3.8	1
206623	0.7	2.09	74	12	0.022	0.003	<1	0.03	16	61	4	0.274	30	16	2	7.6	1
206624	<0.4	1.58	10	1	0.024	0.002	<1	0.02	<1	10	5	0.080	8	2	<1	1.7	1
206625	<0.4	1.25	24	2	0.023	0.003	<1	0.02	6	27	4	0.128	16	6	1	3.9	<1
206626	0.5	6.80	20	3	0.380	0.014	<1	0.07	3	18	7	0.040	6	4	5	2.7	2
206627	0.8	7.48	20	2	0.334	0.011	<1	0.07	3	17	6	0.056	3	3	6	2.8	2
206628	<0.4	2.63	18	5	0.086	0.005	<1	0.04	5	24	3	0.064	9	5	1	4.4	1
206629	<0.4	1.42	24	4	0.050	0.002	<1	0.02	3	26	4	0.054	4	6	<1	5.3	1
206851	<0.4	4.04	6	15	0.458	0.016	<1	3.92	<1	6	5	0.047	13	1	1	1.6	<1
206626 R	0.5	6.93	19	3	0.385	0.014	<1	0.08	2	17	7	0.040	7	4	5	2.8	2

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICPI Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.5	3.14	83	28	2.86	0.074	2	3.30	7	66	23	0.690	20	14	12	8.6	4
206901	<0.4	5.15	28	6	0.215	0.012	1	3.62	<1	30	4	0.056	32	5	<1	5.4	<1
206902	<0.4	1.21	10	1	0.014	0.002	<1	0.03	1	12	4	0.078	9	1	1	1.8	1
206903	<0.4	1.60	23	7	0.025	0.002	<1	0.03	4	18	4	0.037	3	3	<1	2.6	1
206904	<0.4	1.97	18	2	0.088	0.002	<1	0.03	3	16	5	0.025	<1	2	1	2.6	1
206905	<0.4	1.83	56	7	0.010	0.002	<1	0.03	8	43	4	0.069	7	10	1	5.2	1
206906	1.9	4.36	121	59	0.388	0.003	<1	0.06	18	158	8	1.30	13	32	5	34.4	1
206907	<0.4	2.00	18	2	0.102	0.004	<1	0.03	7	10	5	0.020	2	1	1	1.1	1
206908	<0.4	1.86	19	2	0.091	0.004	<1	0.03	3	15	6	0.029	4	3	<1	1.9	<1
206909	<0.4	1.63	9	2	0.062	0.003	<1	0.02	1	10	6	0.029	1	1	<1	1.8	1
206910	<0.4	1.69	48	4	0.089	0.003	<1	0.03	2	53	5	0.046	9	10	<1	9.9	1
206911	0.6	2.80	64	4	0.502	0.003	<1	0.03	11	81	9	0.052	6	17	1	12.7	1
206912	3.1	6.76	111	6	0.978	0.005	<1	0.07	43	131	13	0.124	7	30	4	22.1	4
206913	0.6	3.79	22	2	0.115	0.002	<1	0.06	4	23	9	0.039	2	4	2	3.7	1
206914	<0.4	1.90	11	1	0.155	0.002	<1	0.03	2	11	5	0.018	1	1	<1	1.9	1
206915	<0.4	2.16	8	1	0.121	0.002	<1	0.03	7	7	5	0.019	2	<1	1	1.1	1
206916	0.6	2.66	11	2	0.120	0.002	<1	0.04	4	12	6	0.022	2	2	1	2.2	1
206917	0.5	2.64	28	5	0.716	0.044	<1	0.02	7	26	11	0.072	3	6	1	3.3	1
206918	0.5	2.07	14	1	0.121	0.002	<1	0.03	6	11	6	0.020	1	2	1	1.4	1
206919	0.7	2.20	19	2	0.146	0.003	<1	0.03	2	21	5	0.149	3	4	1	3.6	<1
CG515/LS4	1.7	3.05	82	27	2.78	0.072	2	3.21	7	59	23	0.669	20	14	12	8.1	4
206921	1.1	5.08	19	1	0.383	0.003	<1	0.07	16	24	9	0.034	1	5	2	4.1	2
206922	<0.4	2.12	10	1	0.103	0.003	<1	0.03	1	9	3	0.022	2	1	<1	1.5	<1
206923	0.4	2.74	11	2	0.262	0.002	<1	0.04	3	11	7	0.020	1	1	1	1.8	1
206924	<0.4	1.98	8	2	0.062	0.003	<1	0.03	1	9	5	0.022	2	1	<1	1.4	<1
206925	0.4	2.78	41	12	0.069	0.004	<1	0.04	8	41	6	0.070	7	9	1	6.6	1
206926	<0.4	1.52	7	1	0.108	0.002	<1	0.02	4	7	5	0.032	2	<1	<1	1.4	<1
206927	<0.4	1.58	21	6	0.050	0.002	<1	0.03	1	20	7	0.033	2	3	<1	2.9	1
206928	<0.4	1.35	9	1	0.119	0.004	1	0.02	4	11	4	0.028	7	1	<1	2.0	1
206929	<0.4	2.27	41	16	0.068	0.004	1	0.04	6	33	5	0.056	12	7	1	5.2	1
206930	<0.4	2.17	34	1	0.178	0.002	<1	0.03	3	26	7	0.032	4	6	<1	3.9	1
206931	<0.4	1.55	35	4	0.121	0.007	1	0.02	5	42	5	0.041	10	8	<1	8.1	1
206932	<0.4	2.42	38	8	0.096	0.006	<1	0.04	7	30	6	0.067	8	7	1	5.4	1
206933	0.8	5.77	44	4	0.209	0.014	<1	0.09	17	31	12	0.078	10	8	2	6.2	3
206934	<0.4	2.80	58	9	0.132	0.008	<1	0.04	9	36	5	0.067	11	9	1	5.6	1
206935	<0.4	1.52	35	5	0.073	0.005	<1	0.02	7	32	4	0.053	18	7	<1	6.1	1
206936	<0.4	1.61	44	9	0.080	0.006	1	0.02	12	27	5	0.050	16	7	1	4.7	1
206937	<0.4	1.66	25	5	0.099	0.007	<1	0.02	3	21	5	0.042	7	4	1	4.0	2
206938	<0.4	1.27	112	39	0.030	0.004	<1	0.08	8	117	5	0.314	44	27	1	20.8	1
206935 R	<0.4	1.50	33	5	0.072	0.005	<1	0.02	7	32	4	0.053	19	6	<1	6.0	1

SRC Geoanalytical Laboratories

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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4	1.6	2.94	86	28	2.80	0.071	1	3.09	7	65	23	0.695	16	14	12	8.5	3
206939	<0.4	1.71	48	19	0.069	0.004	1	0.05	<1	72	5	0.132	11	15	1	13.0	<1
206940	<0.4	1.74	46	16	0.025	0.002	<1	0.03	1	46	4	0.188	19	10	1	7.4	<1
206941	<0.4	0.658	49	6	0.013	0.003	1	0.02	<1	39	4	0.268	37	8	<1	6.0	<1
206942	<0.4	5.64	52	5	0.084	0.016	<1	3.83	<1	44	2	0.045	42	10	<1	7.2	<1
206943	<0.4	2.31	6	2	0.087	0.004	1	0.04	<1	5	5	0.024	5	<1	<1	1.0	<1
206944	<0.4	2.04	32	7	0.108	0.004	<1	0.03	1	31	4	0.077	8	6	1	5.7	<1
206945	<0.4	1.45	23	6	0.056	0.004	1	0.02	<1	30	7	0.050	5	5	<1	5.6	<1
489501	<0.4	5.52	35	5	0.236	0.016	<1	3.61	<1	32	3	0.052	20	7	<1	5.5	<1
489502	<0.4	4.24	11	2	0.195	0.006	<1	0.06	1	16	5	0.092	21	2	1	3.0	<1
489503	<0.4	2.29	64	16	0.279	0.019	<1	5.17	1	50	3	0.099	43	11	2	7.8	<1
489504	0.7	5.76	33	4	0.276	0.013	1	3.48	3	27	4	0.050	71	5	2	4.5	<1
489505	0.6	5.25	16	8	0.193	0.039	<1	3.26	2	14	3	0.051	33	2	3	2.4	<1
489506	0.5	5.43	68	18	1.04	0.025	2	2.96	1	51	22	0.070	31	12	4	7.1	<1
489507	<0.4	3.91	10	3	0.178	0.009	<1	0.07	<1	7	4	0.017	4	<1	1	1.3	<1
489508	<0.4	1.64	31	3	0.166	0.002	<1	0.02	4	22	6	0.025	4	4	1	3.3	1
489509	<0.4	1.56	17	1	0.125	0.005	1	0.02	<1	13	6	0.020	2	2	<1	2.0	<1
489510	<0.4	2.30	17	1	0.106	0.002	<1	0.04	<1	18	4	0.062	2	3	<1	2.7	<1
489511	<0.4	2.34	10	4	0.515	0.003	<1	0.02	3	10	6	0.041	3	1	<1	2.2	<1
489512	<0.4	3.22	3	4	0.790	0.002	<1	0.02	1	3	9	0.025	<1	<1	1	1.0	<1
CG515/LS4	1.9	3.11	88	29	2.85	0.072	1	3.14	7	65	23	0.686	15	14	12	8.9	3
489513	<0.4	3.06	36	3	0.328	0.017	<1	0.04	4	35	8	0.031	5	8	2	5.6	<1
489514	<0.4	1.71	16	2	0.148	0.005	<1	0.02	1	22	5	0.025	2	4	<1	3.5	<1
489515	<0.4	1.58	16	1	0.129	0.003	<1	0.02	1	10	4	0.018	1	1	<1	1.7	<1
489516	<0.4	3.07	16	2	0.198	0.005	<1	0.05	<1	14	7	0.021	<1	2	1	2.4	<1
489517	0.5	4.30	26	2	0.551	0.032	<1	0.04	3	28	9	0.093	3	5	1	4.6	<1
489518	<0.4	1.73	15	1	0.148	0.003	<1	0.03	1	13	4	0.024	2	2	<1	2.3	<1
489519	<0.4	1.71	5	1	0.066	0.003	<1	0.02	<1	5	6	0.015	<1	<1	<1	1.2	<1
489520	<0.4	2.07	7	2	0.079	0.003	<1	0.04	<1	6	6	0.017	1	<1	<1	1.4	<1
489551	0.6	1.35	77	27	0.589	0.033	<1	6.60	3	59	8	0.170	60	14	4	9.1	<1
489552	2.1	2.63	143	94	2.01	0.090	<1	5.62	16	111	12	0.464	28	28	16	16.8	2
489553	0.6	4.07	38	46	1.55	0.044	2	3.58	13	31	53	0.072	34	6	9	5.1	<1
489554	0.5	4.71	24	15	0.149	0.026	<1	3.55	9	21	3	0.056	30	4	3	3.9	5
489555	0.6	3.70	230	12	0.585	0.021	54	3.57	8	193	9	0.097	28	52	3	29.8	<1
489556	<0.4	1.48	67	4	0.118	0.003	1	0.04	<1	82	6	0.044	5	19	<1	13.5	<1
489557	<0.4	0.749	3	<1	0.058	0.002	1	0.02	<1	2	4	0.008	2	<1	<1	0.6	<1
489558	<0.4	1.41	16	1	0.118	0.004	<1	0.03	<1	14	5	0.022	1	2	<1	2.7	<1
489559	<0.4	0.601	2	8	1.66	0.070	1	0.04	1	3	19	0.039	<1	<1	<1	1.1	<1
489560	<0.4	1.70	9	2	0.057	0.003	1	0.03	<1	9	6	0.018	<1	1	<1	1.6	<1
489558 R	<0.4	1.45	15	1	0.119	0.004	<1	0.03	<1	14	5	0.022	2	2	<1	2.7	<1

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1130	<1	<0.3	11	1.04	4	121	1	20	1.9	85	175
206563	244	<1	3.3	123	0.859	12	84	<1	63	5.0	218	1460
206564	238	<1	3.4	97	0.764	11	74	<1	63	5.1	190	1440
206565	232	<1	3.4	88	0.789	12	69	<1	61	5.1	194	1470
206566	223	<1	3.3	89	0.772	12	70	<1	58	4.8	188	1420
206567	208	<1	3.4	126	0.988	13	91	<1	69	5.5	253	1500
206568	213	<1	3.3	147	1.04	14	93	<1	65	5.1	272	1430
206569	213	<1	3.7	149	1.12	15	92	<1	72	5.4	298	1610
206570	228	<1	<0.3	5	0.226	63	13	<1	7	0.8	60	195
206571	222	<1	<0.3	14	0.208	194	22	<1	18	2.0	54	421
206572	233	<1	<0.3	13	0.156	142	12	<1	22	2.2	45	452
206573	264	<1	0.4	35	0.204	123	20	<1	34	3.5	59	472
206575	27	1	0.5	133	0.113	2	14	<1	5	0.7	1	86
206576	43	<1	<0.3	8	0.178	2	29	<1	6	0.8	3	170
206577	36	<1	0.6	19	0.230	5	36	<1	13	1.8	3	534
206578	92	<1	0.5	19	0.696	5	61	<1	16	2.3	4	316
206579	75	2	0.9	91	0.120	4	12	<1	7	1.2	1	407
206609	25	1	0.3	43	0.058	<2	5	<1	4	0.5	1	80
206610	8	4	1.0	207	0.132	<2	11	<1	9	1.0	1	108
206611	8	2	<0.3	42	0.049	3	8	<1	3	0.6	3	76
CG515/LS4	1140	<1	<0.3	11	1.04	4	121	<1	20	1.9	85	170
206612	27	<1	<0.3	36	0.083	<2	8	<1	3	0.4	5	52
206613	11	<1	<0.3	20	0.114	<2	9	<1	4	0.6	3	76
206614	8	1	1.0	200	0.176	2	15	<1	8	1.3	2	186
206615	36	<1	0.7	143	0.109	2	12	<1	7	1.0	1	116
206616	22	<1	<0.3	38	0.092	<2	6	<1	4	0.7	3	107
206617	4	<1	0.6	87	0.100	2	12	<1	4	0.6	3	123
206618	13	<1	0.4	26	0.126	<2	20	<1	5	0.7	1	133
206619	4	<1	<0.3	10	0.150	2	17	<1	4	0.7	3	95
206620	6	1	<0.3	56	0.064	<2	9	<1	3	0.5	1	63
206622	532	1	0.6	148	0.128	2	7	<1	6	0.9	1	142
206623	1150	3	1.6	299	0.332	5	11	<1	11	2.1	2	368
206624	188	<1	<0.3	35	0.034	3	6	<1	3	0.4	1	59
206625	287	2	0.5	92	0.137	2	6	<1	6	1.0	3	149
206626	44	<1	<0.3	11	0.268	2	36	<1	8	1.2	2	207
206627	57	<1	<0.3	15	0.366	3	47	<1	11	1.6	4	280
206628	166	<1	0.7	103	0.136	4	11	<1	8	1.1	1	287
206629	49	1	0.5	129	0.068	<2	11	<1	5	0.6	1	57
206851	250	<1	<0.3	9	0.126	11	11	<1	3	0.6	31	311
206626 R	43	<1	<0.3	11	0.269	3	36	<1	8	1.2	3	202

SRC Geoanalytical Laboratories

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Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1220	1	<0.3	15	1.15	<2	140	1	21	2.0	90	166
206901	234	<1	0.3	242	0.033	22	14	1	6	0.7	19	346
206902	205	<1	<0.3	29	0.067	<2	7	1	5	0.7	2	121
206903	53	<1	<0.3	96	0.110	<2	17	1	4	0.8	3	116
206904	15	<1	<0.3	35	0.124	<2	14	1	5	0.7	3	84
206905	109	<1	<0.3	204	0.173	<2	40	1	3	0.8	2	138
206906	30	1	3.6	315	0.587	<2	31	1	62	5.1	6	712
206907	11	2	<0.3	76	0.180	<2	14	1	5	0.9	3	109
206908	13	<1	<0.3	82	0.115	<2	14	<1	5	0.8	4	94
206909	20	<1	<0.3	29	0.056	<2	11	1	3	0.5	1	63
206910	33	<1	0.3	185	0.089	<2	13	<1	7	0.8	1	115
206911	9	<1	1.0	201	0.294	2	25	1	17	2.0	6	348
206912	15	<1	1.8	266	1.30	4	54	5	38	4.9	11	1120
206913	26	<1	<0.3	44	0.241	<2	23	2	9	1.3	4	189
206914	5	<1	<0.3	61	0.082	<2	16	1	4	0.5	3	64
206915	3	<1	<0.3	109	0.155	2	25	1	4	0.7	4	93
206916	15	<1	<0.3	32	0.158	<2	19	2	9	1.0	3	78
206917	3	<1	<0.3	52	0.181	2	26	1	8	1.0	4	160
206918	5	<1	<0.3	91	0.192	<2	18	2	5	0.9	3	155
206919	8	<1	<0.3	35	0.098	<2	18	1	9	1.0	2	214
CG515/LS4	1180	1	<0.3	14	1.11	<2	135	2	21	1.9	90	170
206921	6	1	<0.3	44	0.468	2	45	2	12	1.7	4	372
206922	15	1	<0.3	16	0.069	<2	15	1	5	0.6	2	66
206923	2	<1	<0.3	33	0.124	<2	20	1	6	0.9	2	122
206924	18	<1	<0.3	23	0.065	<2	11	<1	3	0.4	2	66
206925	89	<1	<0.3	131	0.220	<2	15	2	6	0.9	3	159
206926	8	<1	<0.3	139	0.087	<2	23	1	6	0.9	3	140
206927	27	<1	<0.3	48	0.063	<2	12	<1	3	0.4	1	97
206928	7	13	<0.3	73	0.080	<2	15	2	5	0.6	2	88
206929	72	8	0.4	151	0.180	<2	20	2	7	1.0	3	196
206930	14	2	<0.3	63	0.092	<2	39	1	4	0.5	2	78
206931	24	4	0.4	171	0.101	<2	17	1	8	0.8	4	80
206932	65	<1	<0.3	147	0.154	<2	35	1	6	0.9	2	130
206933	64	<1	<0.3	302	0.370	2	58	2	15	1.8	4	232
206934	62	<1	0.4	250	0.192	<2	30	2	10	1.2	3	182
206935	46	<1	0.6	363	0.130	<2	19	2	8	0.9	1	155
206936	46	17	0.9	325	0.197	<2	21	3	12	1.4	3	153
206937	30	7	<0.3	104	0.094	<2	18	2	7	0.8	4	100
206938	699	6	2.2	847	0.177	<2	12	1	15	1.6	3	275
206935 R	46	1	0.9	366	0.137	2	19	1	9	0.9	2	160

SRC Geoanalytical Laboratories

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 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-07-1306

Melkior Resources Inc.
 Attention: Jens E. Hansen
 PO #/Project:
 Samples: 120

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4	1180	<1	<0.3	14	0.984	2	135	1	21	1.9	82	158
206939	314	<1	0.6	313	0.042	2	17	1	9	1.2	4	174
206940	584	<1	0.7	245	0.056	2	14	1	10	1.4	2	217
206941	720	<1	0.8	335	0.022	4	15	1	6	0.7	<1	100
206942	208	<1	0.4	172	0.032	41	18	3	11	1.1	14	345
206943	48	<1	<0.3	17	0.038	2	18	1	2	0.3	2	46
206944	165	<1	0.4	171	0.060	5	20	1	5	1.0	2	300
206945	72	<1	<0.3	117	0.032	<2	10	1	4	0.6	2	74
489501	244	<1	0.4	83	0.065	8	18	1	6	0.8	17	526
489502	61	<1	<0.3	29	0.070	4	26	1	6	0.8	2	147
489503	225	<1	0.5	80	0.110	8	20	1	15	1.3	28	408
489504	164	<1	<0.3	36	0.113	4	24	1	12	1.0	15	197
489505	114	<1	<0.3	15	0.049	4	12	2	18	3.2	12	91
489506	435	<1	<0.3	30	0.198	<2	42	2	8	0.6	30	211
489507	30	<1	<0.3	5	0.047	2	14	1	2	0.3	1	44
489508	6	1	<0.3	161	0.110	4	15	<1	7	1.0	2	145
489509	9	<1	<0.3	53	0.036	2	16	1	3	0.5	1	59
489510	13	<1	<0.3	18	0.050	2	12	1	4	0.7	2	74
489511	4	<1	<0.3	51	0.101	2	22	<1	5	0.7	3	75
489512	4	<1	<0.3	13	0.091	2	44	<1	3	0.4	2	37
CG515/LS4	1180	<1	<0.3	14	1.02	<2	136	1	21	1.9	85	141
489513	10	<1	<0.3	77	0.131	3	27	<1	8	1.4	1	196
489514	7	<1	<0.3	109	0.050	3	19	<1	4	0.6	2	77
489515	8	<1	<0.3	68	0.049	2	16	<1	4	0.7	1	102
489516	12	<1	<0.3	18	0.059	2	33	1	3	0.5	3	65
489517	11	<1	<0.3	40	0.153	4	39	1	7	1.0	3	160
489518	6	<1	<0.3	100	0.049	3	17	<1	5	0.7	1	71
489519	11	<1	<0.3	13	0.027	<2	10	1	2	0.3	2	37
489520	14	<1	<0.3	20	0.034	2	13	1	2	0.4	5	62
489551	300	<1	1.2	155	0.254	20	48	<1	21	1.8	62	796
489552	234	<1	1.9	102	0.758	6	71	<1	37	2.6	161	739
489553	199	<1	<0.3	28	0.358	4	55	<1	12	0.9	76	164
489554	72	<1	<0.3	23	0.058	3	12	1	14	1.5	17	88
489555	193	<1	1.5	141	0.135	<2	18	1	24	0.6	23	88
489556	10	<1	0.7	169	0.046	<2	18	<1	9	1.0	1	70
489557	4	<1	<0.3	5	0.018	<2	10	<1	2	0.3	<1	34
489558	15	<1	<0.3	48	0.030	2	19	1	2	0.3	2	38
489559	22	<1	<0.3	20	0.042	<2	8	<1	4	0.6	9	39
489560	18	<1	<0.3	21	0.031	2	14	<1	3	0.4	3	46
489558 R	16	<1	<0.3	48	0.030	2	19	<1	2	0.3	2	39

Melkior Resources Inc.
Attention: Jens E. Hansen
PO #/Project:
Samples: 120

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Report No: G-07-1306

Date of Report: January 31, 2008

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
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Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.