



32E03SW0310 2.10666 HEPBURN

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R E P O R T
B O R D E R P R O P E R T Y,
H E P B U R N T O W N S H I P,
N O R T H E A S T O N T A R I O.

REVERSE CIRCULATION OVERBURDEN
DRILLING PROGRAMME

by
CHARLES W. PEGG. P.ENG..

2101
63-1277

Toronto, Ontario.

November 15, 1987.

RECEIVED
MINERAL
LANDS SECTION

1. INTRODUCTION:

The Border property was staked on behalf of Charles W. Pegg and adjoined a group of claims held by him in the adjacent Perron and Desmeloizes townships, Quebec.

The property was optioned to Keld'Or Resources Inc. of Vancouver who engaged Overburden Drilling Management of Nepean, Ontario to supervise a reverse circulation drilling programme of the glacial overburden to determine whether there was a likelihood of gold deposits on the claims. This programme was carried out by Heath & Sherwood Drilling in July and the subsequent concentrating of the till samples by Overburden Drilling Management and analysis of the concentrates by Bondar-Clegg took until late September 1987.

2. ACCESS & LOCATION:

The location of the property which straddles the Ontario-Quebec border, is shown on Fig.2. It is north of Lake Abitibi and lies a few miles north of the Cochrane - La Sarre highway connection.

It is better reached from the Quebec side since a gravel road 2 miles north of St. Lambert extends westerly along the Perron-Desmeloizes township boundary to the Ontario border. (See Fig.1).

3. PROPERTY:

The property is shown in Fig.1. The 46 claims in Hepburn township are listed below:-

L 906000
L 906489 - 906500 inclusive.
L 906301 - 906305 "
L 921301 - 921306 "
L 921308 - 921327 "
L 917097 & 917098.

The claims lie in the Larder Lake Mining Division.

4. GEOLOGY & GEOPHYSICS:

The Border Property, located a few miles west of the Normetal Mine, lies in a belt of rocks that includes volcanics, sediments and iron formations. They can be followed from the Vior gold prospect (see Fig.3) west to Normetal, then northwest through the Border Property to Tweed Township, Ontario where they swing abruptly east and contain a series of gold deposits such as "Newmont", Inco-Golden Knight and Teck's "Golden Hope" (Casa Berardi area) & Agnico Eagle (Joutel). This belt has a length of some 250 miles and it has more than its share of gold deposits.

The Border property was staked because of its location in this belt, the presence of strong magnetic and electromagnetic anomalies (see Fig.5) and of some encouraging reverse circulation work which found anomalous amounts of gold in the same stratigraphy 20 miles to the east, just south of the Normetal Mine.

The geology of the Ontario property and geophysics and geology of the Quebec part of the property can be seen in Fig.4.

5. THE REVERSE CIRCULATION DRILL PROGRAMME:

The holes were drilled by Heath & Sherwood in July 1987, the holes being spotted and till samples collected by personnel employed by Overburden Drilling Management of Nepean, Ontario. The till samples were later passed over a vibrating table in the Overburden Drilling laboratories and concentrated by a series of magnetic, heavy media and panning techniques. The number of gold grains and their character whether rounded, abraded or "delicate" were finally determined by counting and classifying them by examination under a microscope. The concentrates were eventually sent to the Bondar-Clegg laboratories for analysis for copper, zinc, arsenic and gold.

The locations of the holes on the Ontario part of the property are shown on Fig.6.

The logs of the holes are appended to this report, as are the laboratory sample logs and a record of the gold grains recovered from each till sample. Following these are the Bondar-Clegg geochemical lab reports of the gold, copper, zinc and arsenic contents of the concentrates derived from the till samples.

6. DISCUSSION OF RESULTS:

Of the holes on the Ontario side only two holes show "delicate" gold grains i.e. those of local derivation. These are holes 41 with two delicate grains and hole 51 with one delicate grain. The other holes showed abraded gold grains only and these are considered to have come from many miles.

The drill programme on the Ontario claims therefore is of negative interest and no follow-up is warranted.

7. COST OF THE PROGRAMME:

Drilling Cost.....	\$40,194.75
Supervision & Lab costs ...	11,953.69
Assays	1,571.50

	<u>\$53,719.94</u>

which is equivalent to 3581 man days.

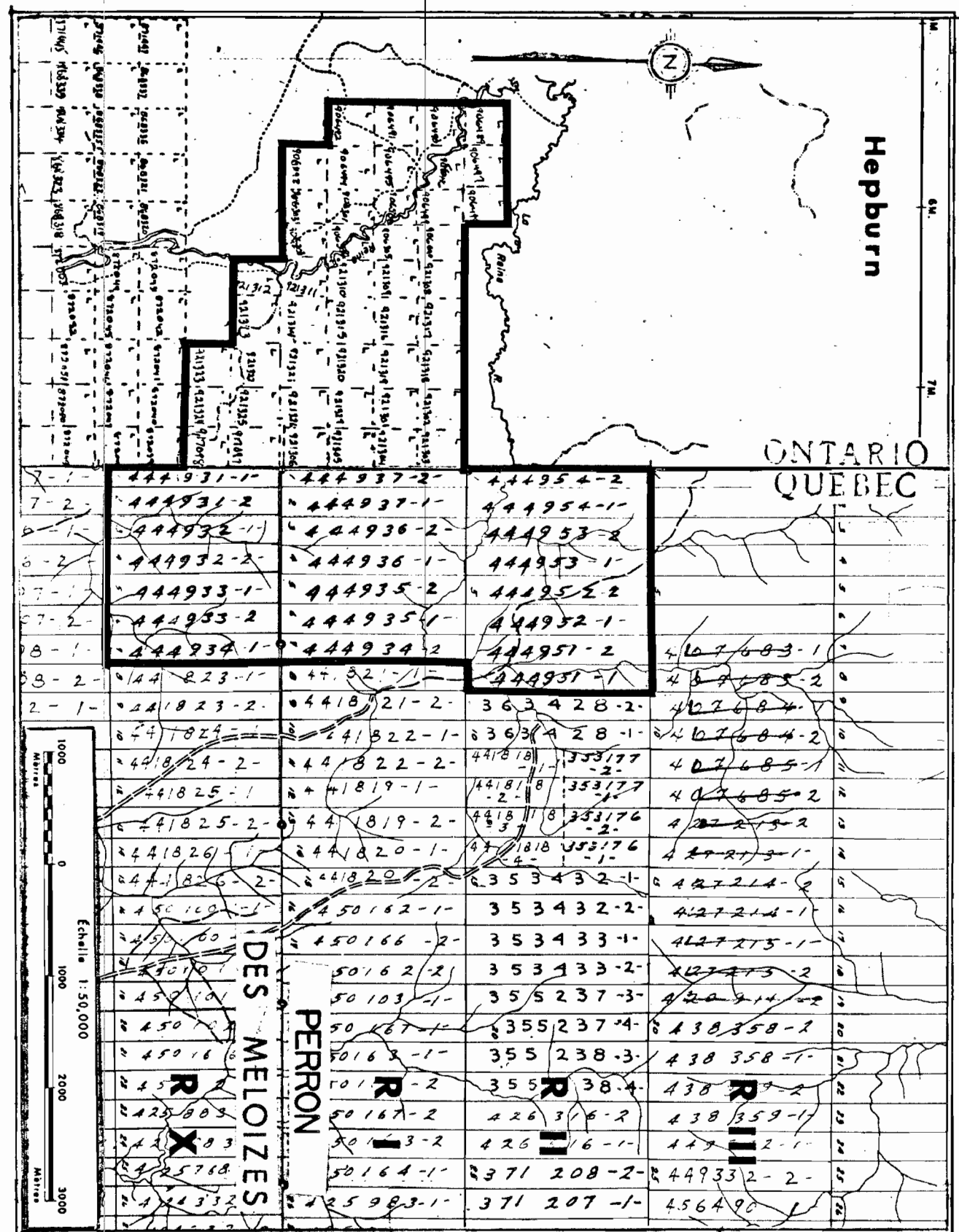
Yours very truly,

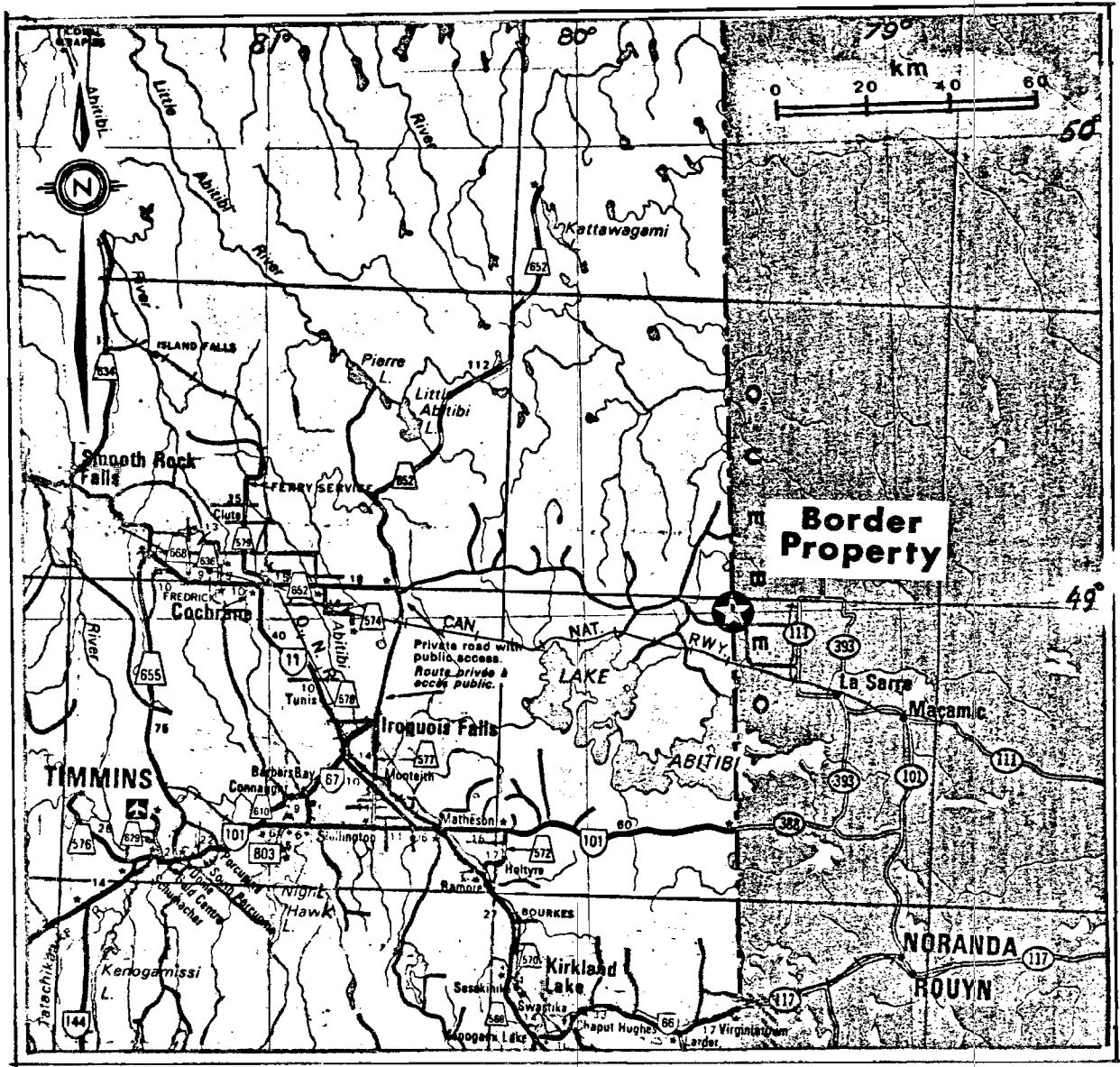


Charles W. Pegg. P.Eng..

BORDER PROPERTY

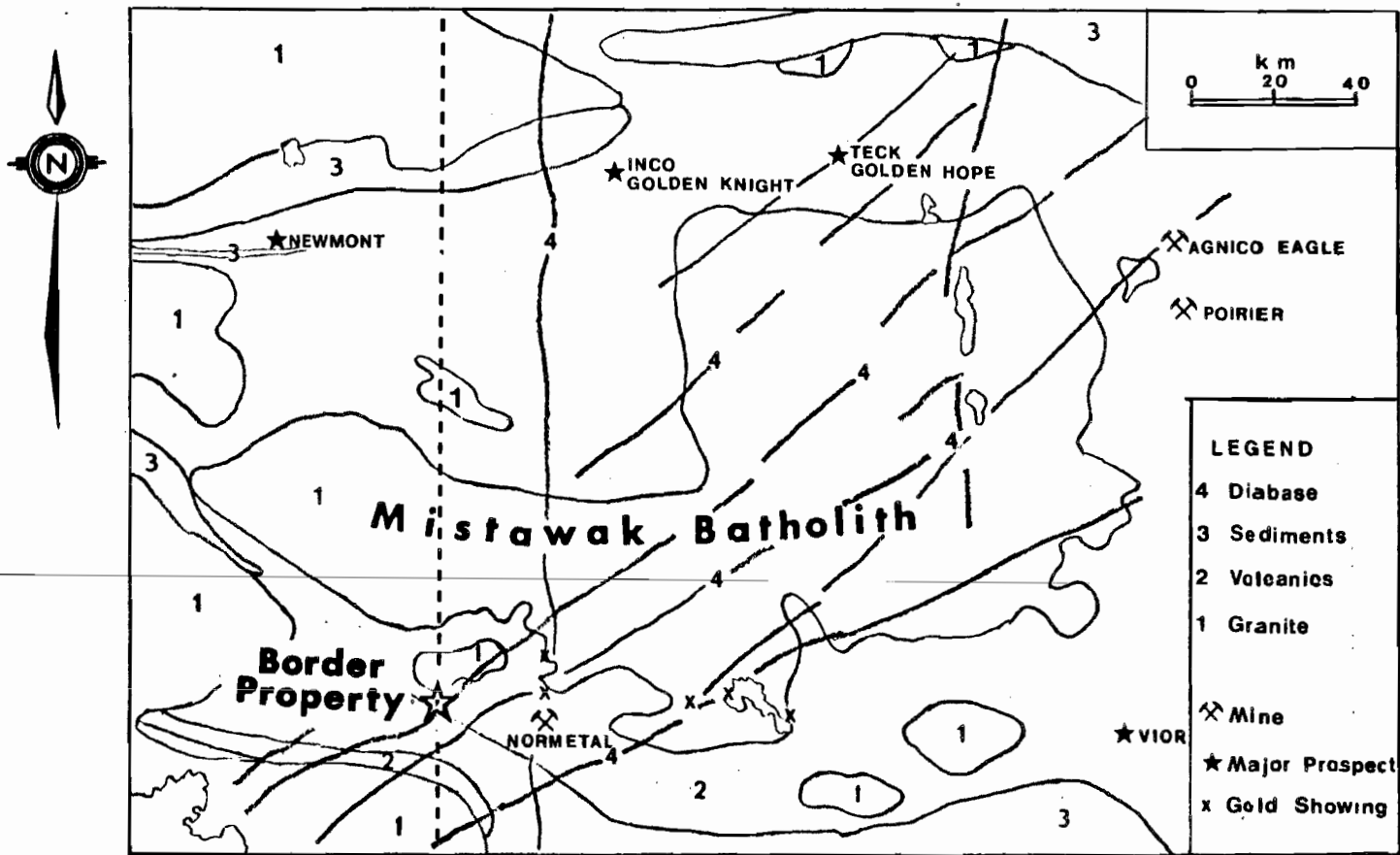
figure 1





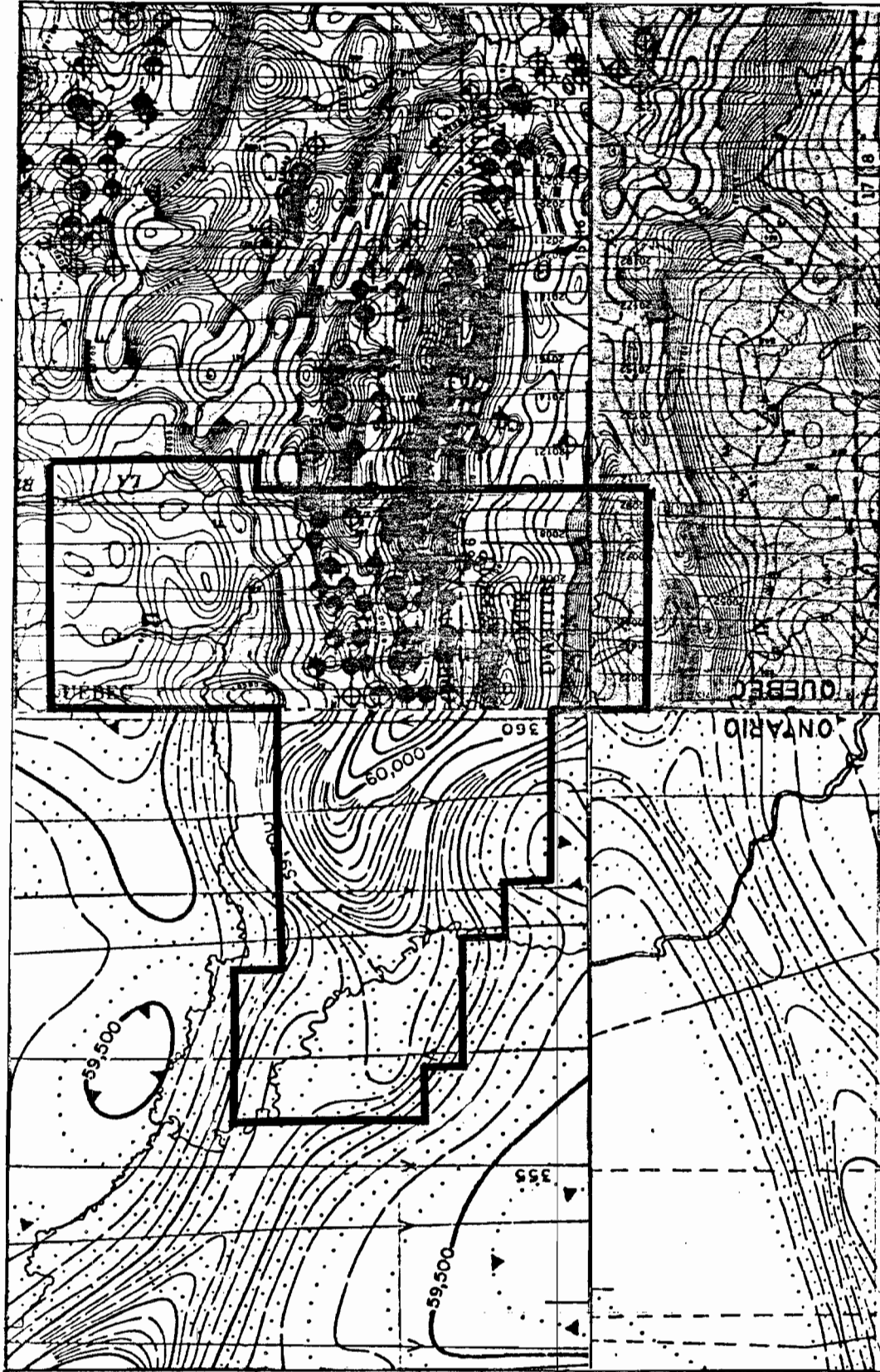
INDEX MAP

figure 2



CASA BERARDI - NORMETAL AREA

figure 3



BORDER PROPERTY

**Airborne E.M. (INPUT 1972-3)
and Mag. Surveys**

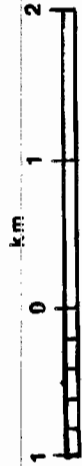


figure 5

OVERBURDEN DRILLING MANAGEMENT LIMITED

REVERSE CIRCULATION DRILL HOLE LOG

DATE July 15 1987 HOLE NO KR-87-29 LOCATION Site 29
 GEOLOGIST J. Thomson DRILLER M. G. J. J. J. BIT NO. 369164 BIT FOOTAGE 0-4.0
 SHIFT HOURS _____ MOVE TO HOLE 11:30 -> 11:45
 _____ TO _____ DRILL 11:45 -> 12:30
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 CONTRACT HOURS _____ DRILLING PROBLEMS _____
 _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

NEW BIT

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG				
0				0-0.5 - <u>ORGANICS</u>				
1	▲ ▲ ▲ ▲ ▲		01	0.5-2.0 - <u>MATHESON TILL</u>				
2	○ ○ ○ ○ ○			- fine grained grey sand/silt matrix				
3	□ □ □ □ □		02	- Clast - cobbles and pebbles				
4	□ □ □ □ □			- Composition 60% v/s 40% Gr				
5				2.0-4.0 <u>BEDROCK</u>				
6				- Light green in color				
7				- fine grained				
8				- very well foliated				
9				- predominate mafic mineral is chlorite				
10				- <1% sulphides present				
11				- 2-3% disseminated carbonate				
12				- very soft to drill				
13				INTERMEDIATE TO MAFIC VOLCANIC				
14								
15								
16								
17								
18								
19								
20								

E.O.H. 4.0

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 15 1987 HOLE NO R-87-30 LOCATION Site 30
 GEOLOGIST D. ALMES DRILLER M. LAJOIE BIT NO. CB69164 BIT FOOTAGE 4.0-29.6
 SHIFT HOURS _____ MOVE TO HOLE 12:30 → 12:45
 _____ TO _____ DRILL 12:45 → 1:45
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0 → 0.5 <u>ORGANICS</u>
1	▲		01	0.5 → 3.4 <u>MATHESON TILL</u>
2	▲			(0.5 → 2.0) - Fine grey beige to grey Sand/Silt matrix, - Pebbles and Cobbles Clasts - Composition 60%v/s 40%gr
3	▲		02	(2.0 → 3.4) - Till very cobbly, similar matrix and composition as above
4	▲			3.4 → 5.6 - <u>BEDROCK</u>
5	▲		03	- 3.4 → 4.0 - very soft and contaminated by the overburden, not sampled - Dark green - fine grained - well foliated - predominate mafic mineral chlorite - 2% calcite veining
6				INTERMEDIATE TO MAFIC VOLCANIC
7				
8				
9				
10				
11				
12				
13				
14				
15				F.O.H. 5.6
16				
17				
18				
19				
20				



OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE July 15 1987 HOLE NO. RR-87-31 LOCATION Site 31
 GEOLOGIST T. Thorsen DRILLER M. LaSalle BIT NO. CB69164 BIT FOOTAGE 9.6 → 13.6
 SHIFT HOURS _____ MOVE TO HOLE 1:45 → 2:00
 _____ TO _____ DRILL 2:00 → 3:15
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 CONTRACT HOURS _____ DRILLING PROBLEMS _____
 _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0 → 1.6 - <u>OJIBWAY II SEDIMENTS</u>
1				(0 → 0.5) - pure beige clay, moderately compact
2		01		(0.5 → 1.6) - fine grained grey sand, pure grey clay interlayers, interlayers of coarse grained sand and pebbles
3		02		
4				1.6 → 2.5 - <u>MATHERSON TILL</u>
5				- fine grained grey sand/silt matrix, clasts - cobbles and pebbles with composition 40% v/s 60% Gr
6				2.5 → 4.0 <u>BEDROCK</u>
7				- greenish grey in color
8				- fine grained
9				- moderately foliated
10				- predominate mafic mineral is chlorite
11				- 1-2% disseminated carbonate
12				INTERMEDIATE TO MAFIC VOLCANIC
13				
14				ECH. 4.0
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE July 15 1989 HOLE NO KR-87-32 LOCATION Site 32
 GEOLOGIST D. HOLMES DRILLER M. Lajoie BIT NO. CB6916A BIT FOOTAGE 13.6 > 17.1
 SHIFT HOURS _____ MOVE TO HOLE 3:15 > 3:30
 _____ TO _____ DRILL 3:30 > 4:30
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 CONTRACT HOURS _____ DRILLING PROBLEMS _____
 _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0 → 0.8 - <u>OJIBWAY II SEDIMENTS</u> - pure beige clay, moderately compact
1		0.0 - 0.8	01	
2		0.8 - 2.0	02	0.8 → 2.0 - <u>MATHESON TILL</u> - Cobbley till, fine grained sand/silt matrix; pebbles and cobbles clasts with composition as 60%v/s 40%gr
3				2.0 → 3.5 - <u>BEDROCK</u> - Medium greens color - fine grained - very well foliated - predominate mafic minerals chlorite - ≈ 5% disseminated calcite
4				INTERMEDIATE TO MAFIC VOLCANIC
5				
6				
7				
8				
9				
10				
11				
12				E.O.H. 3.5
13				
14				
15				
16				
17				
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 15 19 87 HOLE NO KP-87-33 LOCATION Site 33
 GEOLOGIST T. Thomson DRILLER M. LASCIC BIT NO. CB6911A BIT FOOTAGE 17.1 → 23.1
 SHIFT HOURS _____ MOVE TO HOLE 4:30 → 4:45
 _____ TO _____ DRILL 4:45 →
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 CONTRACT HOURS _____ DRILLING PROBLEMS _____
 _____ OTHER _____
 MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0 → 1.0 - <u>OSIBWAY II SEDIMENTS</u>
0.5			01	(0-0.5) - pure beige clay, moderately compact
1.0				(0.5 → 1.0) - fine grained grey sand, with pure grey clay interlayers
1.0			02	1.0 → 4.5 - <u>MATHESON TILL</u>
4.5				- pebbles, and cobbles, composition 40% G/S 60% Gr
4.5				- fine grained grey sand/silt matrix
4.5			03	4.5 → 6.0 - <u>BEDROCK</u>
6.0				- Dark green in color
6.0				- fine grained
6.0				- moderately foliated
6.0				- small veins of quartz-feldspar
6.0				- predominate mafic mineral is chlorite
6.0				- some epidote present
6.0				- 1% calcite veins
6.0				- 1% disseminated carbonate
14				<u>INTERMEDIATE TO MAFIC VOLCANIC</u>
16				E.O.H. - 6.0

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 16 1987 HOLE NO KL-87-34 LOCATION Site 35
 GEOLOGIST J. Thomson DRILLER M. Laxson BIT NO. CB69124 BIT FOOTAGE 23.1 → 50.5
 SHIFT HOURS _____ MOVE TO HOLE 9:30 → 10:15
 _____ TO _____ DRILL 10:15 → 12:45
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER Travel 7:00 → 9:30
 _____ MOVE TO NEXT HOLE _____

Page 1 of 2

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG						
0				0 → 0.5 <u>ORGANICS</u>						
0.5				0.5 → 20.0 <u>SILTY CLAY # SEDIMENTS</u>						
0.5				(0.5 → 9.0) - pure grey clay - moderately to poorly compact						
9.0				(9.0 → 19.0) - sand - pebble - gravel - fine to medium grained grey sand						
19.0				(19.0 → 20.0) - fine grained grey sand with sandy grey clay interlayers						
20.0				(20.0 → 24.0) - fine grained grey sand coarse sand and pebble interlayers						
24.0			01							
24.0			02							
24.0			03							
24.0			cut							

OVERBURDEN DRILLING MANAGEMENT LIMITED
 REVERSE CIRCULATION DRILL HOLE LOG

DATE July 16 1987 HOLE NO KB-87-34 LOCATION Site 35
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 SHIFT HOURS _____ MOVE TO HOLE _____
 _____ TO _____ DRILL _____
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

Page 2 of 2

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG								
21		21.0 -> 22.0	03	24.0 -> 26.0 - sand and gravel - fine to medium grained grey sand								
22		22.0 -> 23.0		26.0 -> 27.5 - <u>BEDROCK</u> - Dark green in color - fine grained - moderately foliated - predominate mafic mineral is chlorite - 1% disseminated carbonate - 4% calcite veins								
23		23.0 -> 24.0										
24		24.0 -> 25.0	04									
25		25.0 -> 26.0										
26		26.0 -> 27.0	05									
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

INTERMEDIATE TO MAFIC
 VOLCANIC

E.O.H = 27.5

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 17 19 87

HOLE NO KR-87-36 LOCATION site 37

GEOLOGIST T. Thomson DRILLER M. LAJOIE BIT NO. CR69166 BIT FOOTAGE 0-25.5

SHIFT HOURS
_____ TO _____

MOVE TO HOLE 5:00 - 5:15 July 16

TOTAL HOURS

DRILL 9:30 - 12:45

CONTRACT HOURS

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER Travel 7:00 - 9:30

MOVE TO NEXT HOLE _____

NEW BIT

Page 1

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	
				0-24 OSISWAY II SEDIMENTS	
1				0-12.0 - pure grey clay moderately to poorly compacted	
2				12.0-15.0 - fine grained beige sand	
3				15.0-24.0 - sand and gravel composed of intervals of fine grained beige sand and medium-coarse grained sand; clasts present	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

01

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

TE July 17 19 87
July 18
 SHIFT HOURS
 TO _____
 TOTAL HOURS _____
 CONTRACT HOURS _____

HOLE NO KR-87-37 LOCATION Site 38
 GEOLOGIST T. Thomson DRILLER M. LASOIE BIT NO. CB69166 BIT FOOTAGE 25.5-46.5
CB69167 0-35
 MOVE TO HOLE 12:45-1:15
 DRILL 1:15-5:00 July 17 , 9:30-4:30 July 18
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER Travel 5:00-7:30pm July 17 , 7:00-9:30 am July 18
 MOVE TO NEXT HOLE _____

NEW BIT at 21m
 July 17 we stop drilling at 21m
 Page 1

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-9.4 OSIRWAY II SEDIMENTS.
0-0.5				pure beige clay moderately compact
0.5-1.0			01	pure grey clay moderately compact
1.0-1.6				Boulder (granodiorite)
1.6-9.4				sand and gravel - interlayers of fine grained beige-grey sand and medium to coarse grained sand ; occasional cobbles - the last 0.5 m could possibly be the beginning of the Matheson Till.
4.0-4.8				Boulder (volcanic)
9.4-10.2				Boulder (granodiorite)
10.2-22.0				MATHESON TILL
10.2-16.0			03	fine grained grey sand-silt matrix with cobbles and pebbles ; the approximate clast composition is 30% volcanic ; 70% granitic
16.0-22.0			04	matrix same as interval 10.2-16.0 ; cobbles and pebbles with an approximate composition 40% volcanic, 60% granitic
18.4-18.8			05	Boulder (granitic)
			06	
			06	
			07	

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

E July 17 19 87
July 18
 SHIFT HOURS _____
 TO _____
 TOTAL HOURS _____
 CONTRACT HOURS _____

HOLE NO KR-87-37 LOCATION Site 38
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 MOVE TO HOLE _____
 DRILL _____
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____
 MOVE TO NEXT HOLE _____

page 2

METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1	△		07	21-21.2 same as interval 16.0-22.0 with grey gritty clay lumps
1	△			21.0 - change bit, used 'super. poly' overnight
2	△			22.0-55.0 OSIBWAY I SEDIMENTS
2	△			22.0-23.0 - pure grey clay moderately compacted
3	△			23.0-26.5 - fine grained beige sand with pure grey clay interlayers, occasional pebbles
4	△			26.5-28.5 - pure grey clay, moderately compacted with occasional pebbles
5	△			28.5-29.5 - coarse grained sand with pebbles and slightly gritty grey clay lumps
6	△			29.5-36.0 - fine grained beige sand with pebbles, occasional gritty grey clay lumps and well compacted pure grey clay lumps
7	△		08	
8	△		09	36.0-40.0 - pure grey clay, well compacted with occasional pebbles
9	△		10	40.0-55.0 - fine grained grey sand with pure grey clay interlayers, occasional pebbles and gritty grey clay lumps
10	△			
11	△		11	
12	△			
13	△			
14	△			
15	△			
16	△			
17	△			
18	△			
19	△			
20	△			

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 19 19 87 HOLE NO KR-87-38 LOCATION Site 39
 GEOLOGIST I. Thomson DRILLER M. L. Toile BIT NO. 0869162 BIT FOOTAGE 0-10.5
 SHIFT HOURS _____ MOVE TO HOLE 4:45-5:00 July 18th.
 _____ TO _____ DRILL July 19 9:30-11:15
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER Travel July 18 5:00-7:45pm Travel July 19 6:45-9:30am
 _____ MOVE TO NEXT HOLE _____

New Bit

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG							
0				0-2.5 - OSIBWAY II SEDIMENTS - pure beige clay, moderately compact.							
2.5				2.5-8.0 - SAND and Gravel - very Cobble sections present - fine grained beige sand/silt matrix - Composition 60% s / 40% Gr							
8.0				8.0-10.5 <u>BEDROCK</u> - Dark green in color - fine grained - moderately foliated - the prominent mafic mineral is chlorite - 2-3% disseminated carbonate - <1% calcite veining							
				INTERMEDIATE TO MAFIC VOLCANIC							
				E.O.H. - 10.5							

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 19 1987 HOLE NO KR-87-39 LOCATION Site 29
 GEOLOGIST T. Thomson DRILLER M. LAJOIE BIT NO. C1369168 BIT FOOTAGE 10.5 → 38.5
 SHIFT HOURS _____ MOVE TO HOLE 11:15 → 11:30
 _____ TO _____ DRILL 11:30 → 5:00
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER Travel 5:00 → 8:00
 _____ MOVE TO NEXT HOLE _____

Page 1

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1	XXX			0.0 → 1.0 <u>OSIRWAY II SEDIMENTS</u> - pure beige clay - moderately compact
2	△ ○		01	
3	△ ○			1.0 → <u>MATHESON TILL</u>
4	△ ○			1.0 - 7.0 - fine grained grey sand-silt matrix cobbles and pebbles with an approximate composition of 50% volcanic and 50% granitic
5	△ ○		02	- this is a cobbly till
6	XXX			1.1 - 1.3 - BOULDER (volcanic)
7	△ ○		03	5.6 - 5.9 - BOULDER (granitic)
8	△ ○			7.0 - 17.2 - similar to interval 1.0-7.0 with an approximate composition of 60% volcanics and 40% granitic
9	△ ○		04	
10	△ ○		05	17.2 - 19.5 - BOULDER interval containing both volcanic and granitic boulders
11	△ ○		06	
12	△ ○			19.5 - 28.0 - fine grained grey sand-silt matrix with cobbles - cobbly till, composition approximately 60% volcanic and 40% granitic - very slow to drill through
13	△ ○		07	
14	△ ○		08	
15	△ ○		09	
16	△ ○			
17	△ ○		10	
18	XXX			
19	X X			
20	X X			

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 19 19 87 HOLE NO KR-87-39 LOCATION site 49
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 SHIFT HOURS _____ MOVE TO HOLE _____
 _____ TO _____ DRILL _____
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

Page 2

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21	△ ○ ○ ○ ○ ○ X X	11		21-22 Boulder (volcanic)
22	X X △ ○ ○ ○ ○ ○			28.0 - the bit lost one of the tri-cones, the decision was made to abandon the hole at this point
23	△ ○ ○ ○ ○ ○	12		
24	△ ○ ○ ○ ○ ○			
25	△ ○ ○ ○ ○ ○	13		E.O.H. 28.0
26	△ ○ ○ ○ ○ ○	14		
27	△ ○ ○ ○ ○ ○			
28	△ ○ ○ ○ ○ ○			
29				
30				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 20 1987 HOLE NO KR-87-90 LOCATION Site 50
 GEOLOGIST J. Thomson DRILLER M. LAJOIE BIT NO. C869169 BIT FOOTAGE 0716.5
 SHIFT HOURS _____ MOVE TO HOLE 6:45 → 9:30
 _____ TO _____ DRILL 9:30 → 11:15
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 MOVE TO NEXT HOLE _____

NEW BIT

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG						
0				0 > 1.8 <u>OJIBWAY II SEDIMENTS</u>						
1				(0 > 1.0) pure beige clay, moderately compact						
2				(1.0 > 4.8) - clay change color to grey						
3										
4				4.8 > 6.0 - Boulders - Granitoids						
5				6.0 > 14.0 - <u>MATHURSON TILL</u>						
6				(6.0 > 8.0) - fine grained grey sand/silt matrix						
7			01	- clasts cobbles/pebbles						
8			02	- composition 60% v/s 40% Gr						
9				(8.0 > 14.0) - fine grained grey sand/silt matrix						
10			03	with very few clasts						
11				- 70% v/s 30% Gr						
12				- Easy to drill						
13			04	14.0 > 16.5 - <u>BEDROCK</u>						
14				- Dark green in color						
15			05	- very fine grained						
16				- well foliated mafic						
17				- Predominate mineral is chlorite						
18				- 2-3% disseminated carbonate						
19				INTERMEDIATE TO MAFIC VOLCANIC (SLATE ?)						
20				E.O.H - 16.5						

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 20 19 87
SHIFT HOURS _____
TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO KR-87-41 LOCATION SITE 43
GEOLOGIST T. Thomson DRILLER M. LAJOIE BIT NO. C369169 BIT FOOTAGE 16.5-57.0
MOVE TO HOLE 11:15-11:45
DRILL 11:45-3:45
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Page 1

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-2.2 OSIBWAY II SEDIMENTS
1				0-2.2 - pure beige clay, moderately compacted
2				2.2-21.5 MATHESON TILL
3	△ ○		01	2.2-6.5 - fine grained grey sand-silt matrix, cobbles and pebbles present with an approximate composition of 60% volcanics 40% granitic
4	△ ○		02	6.5-9.0 - fine grained grey sand-silt matrix with a high percentage of sand and few cobbles or pebbles; some gritty grey lumps
5	△ ○		03	9.0-11.0 - fine grained grey sand-silt matrix with cobbles-pebbles-granules however, a low percentage of clasts; approximate composition 60% volcanics; 40% granitic
6	△ ○		04	11.0-13.5 - fine grained grey sand-silt matrix; cobbles-pebbles with an approximate composition of 50% volcanics; 50% granitic
7	△ ○		05	13.5-17.0 - fine grained grey sand-silt matrix with a high percentage of cobbles; approximate composition of 60% volcanics, 40% granitic
8	△ ○		06	17.0-21.5 - fine grained grey sand-silt matrix with cobbles and pebbles approximate composition of 60% volcanic; 40% granitic; also note a high percentage of coarse sand and granules
9	△ ○		07	
10	△ ○		08	
11	△ ○		09	
12	△ ○		10	
13	△ ○		11	
14	△ ○			
15	△ ○			
16	△ ○			
17	△ ○			
18	△ ○			
19	△ ○			
20	△ ○			

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE JULY 20 19 87
 SHIFT HOURS _____
 _____ TO _____
 TOTAL HOURS _____
 CONTRACT HOURS _____

HOLE NO. KR-87-41 LOCATION SITE 43
 GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
 MOVE TO HOLE _____
 DRILL _____
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____
 MOVE TO NEXT HOLE _____

page 2

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG						
21	△ ○	11		21.5 - 27.0 fine to medium grained ochre coloured sand with occasional pebbles clasts approximately 50% volcanic; 50% granitic						
22	△ ○									
23	△ ○	12		27.0 - 39.0 fine grained beige sand with occasional pebbles						
24	△ ○									
25	△ ○			39.0 - 40.5 BEDROCK						
26	△ ○			- dark green in colour						
27	△ ○			- fine grained						
28	△ ○			- moderately to well foliated						
29	△ ○	13		- the predominate mafic mineral is chlorite						
30	△ ○			- ~1% disseminated carbonate						
31	△ ○			- ~1% calcite veins						
32	△ ○			- contaminated with overlying sediments						
33	△ ○			Intermediate to mafic volcanic						
34	△ ○			E.O.H. 40.5						
35	△ ○									
36	△ ○	14								
37	△ ○									
38	△ ○									
39	△ ○									
40	△ ○	15		Bedrock						

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 20 19 87 HOLE NO KR-87-42 LOCATION SITE 44
July 21 GEOLOGIST T. THOMSON DRILLER M. LASSIE BIT NO. CB69170 BIT FOOTAGE 0-20
 SHIFT HOURS MOVE TO HOLE 3:45-4:00
 TO _____ DRILL 4:00-5:30 July 20, 8:45-12:15 July 21
 TOTAL HOURS MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 CONTRACT HOURS OTHER Travel 5:30-7:30 pm July 20, Travel 6:45-8:45 am July 21
 MOVE TO NEXT HOLE _____

- New Bit
- Hole abandoned after 20 m

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0	^^			0-0.5 Organics
1				0.5-20.0 OSIBWAY II SEDIMENTS
2				0.5-7.0 - Pure grey clay, moderately compacted
3				7.0-10.4 - sand and gravel, fine grained grey-beige sand with pebbles approximate composition 60% volcanics, 40% granitic
4				10.4-11.0 - cobbly-gravel, fine grained grey-beige sand with a high percentage of cobbles
5				
6				
7				11.0-13.5 - Cobble and Boulder section composed of both volcanic and granitic clasts
8				13.5 - leave rods in hole overnight
9		01		13.5-20.0 - sand and gravel, fine grained beige sand with coarse grained sand-granule intervals; clasts are unimodal composed of 50% volcanics and 50% granitic.
10		02		
11				
12	X X X X			20.0 - decision made to abandon this hole as drilling is very difficult - over an hour to drill 3m.
13	X X X X			
14		03		
15				E.O.H. 20.0
16		04		
17				
18				
19		05		
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

TE July 21 1987

HOLE NO KR-87.45 LOCATION SITE 48

GEOLOGIST T. THOMPSON DRILLER M. LAJOIE BIT NO CB69167 BIT FOOTAGE 35-52.5

SHIFT HOURS
TO _____

MOVE TO HOLE 2:45 - 3:00

TOTAL HOURS _____

DRILL 3:00 - 4:15

CONTRACT HOURS _____

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

Save previous bit CB69171
USE OLD BIT

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-6.0 OSIBWAY II SEDIMENTS
1				0-6.0 - pure grey clay, moderately compacted
2				
3				6.0-16.0 MATHESON TILL
4				6.0-13.6 - fine grained grey sand-silt matrix with cobbles and pebble, approximate composition of 40% volcanics; 60% granitic
5				
6				13.6-14.0 BOULDER (granitic)
7			01	14.1-14.4 BOULDER (granitic)
8			02	14.4-16.0 - fine grained grey sand-silt matrix with cobbles and pebbles of approximate composition 60% volcanic; 40% granitic
9			03	
10			04	16.0-17.5 BEDROCK
11			05	- dark green in colour
12			06	- fine grained
13			07	- moderately foliated
14				- the predominate mafic mineral is chlorite
15				- ~ 2-3% disseminated carbonate
16				Intermediate to mafic volcanic
17				E.O.H. 17.5
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 21 19 87
July 22
 SHIFT HOURS
 TO _____
 TOTAL HOURS _____
 CONTRACT HOURS _____

HOLE NO KR-87-46 LOCATION SITE 45
 GEOLOGIST J. Thomson DRILLER M. LASSIE BIT NO. CBG9171 BIT FOOTAGE 8-29
 MOVE TO HOLE 4:15 - 4:45 pm July 21
 DRILL 9:00 - 11:45 am July 22
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER Travel 4:45 - 7:30 pm July 21, Travel 6:45 - 9:00 am July 22
 MOVE TO NEXT HOLE _____

Replace bit with old bit.

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-19.0 OSIBWAY II SEDIMENTS
1				0-8.5 - pure grey clay, moderately compacted
2				8.5-14.0 - sand and gravel, fine grained grey-beige sand with clasts of approximate composition 50% volcanics; 50% granitic
3				12.0-12.4 BOULDER (volcanic)
4				14.0 - 19.0 - sand and gravel, mostly a coarse sand with granules, a low percentage of fine sand; clasts approximately 40% volcanic; 60% granitic
5				19.0 - 21.0 BEDROCK
6			01	- dark green in colour
7				- fine grained
8			02	- well foliated, almost schistose
9				- the predominant mafic mineral is chlorite
10			02	- ~1% disseminated carbonate
11				- contaminated with overlying sediments
12			02	Intermediate to mafic volcanic
13			03	
14				
15			03	
16				
17			04	
18				
19			05	
20				
21				

E.O.H. 21.0

BEDROCK

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 23 1987
SHIFT HOURS _____
TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO KR-87-49 LOCATION SITE 51
GEOLOGIST T. THOMSON DRILLER M. LAJOIE BIT NO. CB69172 BIT FOOTAGE 10-23
MOVE TO HOLE 9:30 - 10:15
DRILL 10:15 - 12:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-0.6 OSIBWAY II SEDIMENTS
1	X X X			0-0.6 - pure beige clay, moderately compacted
2	X X X		01	0.6-1.8 BOULDER (granitic)
3	X X X			1.8-11.5 MATHESON TILL
4	Δ ○		01	1.8-7.0 - fine grained beige-grey sand-silt matrix with pebbles of approximate composition 40% volcanic; 60% granitic
5	Δ ○			
6	Δ ○		02	
7	Δ ○			
8	X X X			2.2-3.2 BOULDER (volcanic)
9	Δ ○		03	7.0-7.6 BOULDER (granitic)
10	Δ ○			7.6-11.5 - fine grained grey sand-silt matrix with pebbles and cobbles of approximate composition 50% volcanic; 50% granitic
11	Δ ○		04	
12	Δ ○		05	
13	▨			11.5-13.0 BEDROCK
14				- medium green in colour
15				- fine grained
16				- moderately foliated
17				- the predominate mafic mineral is chlorite
18				- 5-10% disseminated carbonate
19				Intermediate to mafic volcanic
20				E.O.H. 13.0

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE <u>July 23</u> 19 <u>87</u>	HOLE NO <u>KR-87-50</u>	LOCATION <u>SITE 52</u>
SHIFT HOURS _____	GEOLOGIST <u>T. Thomson</u>	DRILLER <u>M. LAJOIE</u>
_____ TO _____	MOVE TO HOLE <u>12:30 - 12:45</u>	BIT NO <u>CB69172</u>
TOTAL HOURS _____	DRILL <u>12:45 - 2:15</u>	BIT FOOTAGE <u>23 - 30.5</u>
CONTRACT HOURS _____	MECHANICAL DOWN TIME _____	<u>0 - 5.5</u>
	DRILLING PROBLEMS _____	
	OTHER _____	
	MOVE TO NEXT HOLE _____	

NEW BIT

METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-6.0 OSIBWAY II SEDIMENTS
1				0-2.5 - pure beige clay, moderately compacted
2				2.5-6.0 - sand and gravel, with distinct intervals of fine grained beige sand and medium-coarse grained sand; clast composition is approximately 50% volcanic; 50% granitic
3			01	
4				
5			02	6.0-8.5 BOULDER - granitic, a sample was taken of this interval
6				
7	X X		03A	7.5 - change bit
8	X X			8.5-11.5 - an interval of rock flour clay, with chips of clasts, colour - green, pink, white; this was sampled separately from the main bedrock.
9			03B	
10				11.5-13.0 BEDROCK
11				- dark green in colour
12			03C	- fine grained
13			BEDROCK	- moderately foliated
				- the predominate mafic mineral is chlorite
				- 1-2% disseminated carbonate
				Intermediate to mafic volcanic
				note: samples 3A, B, C all taken as Bedrock samples
14				
15				
16				
17				E.O.H. 13.0
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 23 19 87 HOLE NO KR-87-52 LOCATION SITE 54
 GEOLOGIST T. THOMPSON DRILLER M. LAJUIE BIT NO. CB69205 BIT FOOTAGE 19.0 - 29.0
 SHIFT HOURS _____ MOVE TO HOLE 4:15 - 4:30
 _____ TO _____ DRILL 4:30 - 5:15
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 _____ DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER _____
 _____ MOVE TO NEXT HOLE _____

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-2.1 OSIBWAY II SEDIMENTS
1				0-2.1 - pure beige clay, moderately compacted
2				2.1-8.4 MATHESON TILL
3			01	2.1-4.0 - fine grained grey-beige sand-silt matrix with cobbles and pebbles of approximate composition 60% volcanic, 40% granitic
4			02	4.0-8.0 - fine grained grey sand-silt matrix clasts similar to previous interval
5			03	8.0-8.4 - fine grained grey sand interval with few pebbles
6			04	8.4-10.0 BEDROCK:
7				- dark green in colour
8				- fine to medium grained
9				- moderately foliated
10				- the predominate mafic minerals are chlorite and biotite
11				- 1-2% disseminated carbonate
12				Intermediate to mafic volcanic
13				E.O.H. 10.0
14				
15				
16				
17				
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 24 19 87 HOLE NO KR-87-55 LOCATION SITE 57
 GEOLOGIST T. THOMPSON DRILLER M. LAJOIE BIT NO. CR69206 BIT FOOTAGE 0-5.5
 SHIFT HOURS _____ MOVE TO HOLE 9:45-10:00
 _____ TO _____ DRILL 10:00-10:45
 TOTAL HOURS _____ MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 CONTRACT HOURS _____ OTHER Move over to Gunner property due to tractor delays on Keld'or.
 MOVE TO NEXT HOLE _____

NEW BIT

BIT IS SAVED ALONG WITH THE SUB
for when we resume drilling on Keld'or

IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-2.2 OSIRWAY II SEDIMENTS
1				0-1.8 - pure beige clay, moderately compacted
2				1.8-2.2 - fine grained grey sand with few clasts
3	△		01	2.2-4.0 MATHESON TILL
4	△		02	2.2-4.0 - fine grained grey sand-silt matrix with cobbles and pebbles of approximate composition 70% volcanics, 30% granitic
5	△		BEDROCK	4.0-5.5 BEDROCK
6				- dark green in colour
7				- fine grained
8				- moderately foliated
9				- the predominate mafic mineral is chlorite
10				- ~1% disseminated carbonate
11				Intermediate to mafic volcanic
12				E.O.H. S.S.
13				
14				
15				
16				
17				
18				
19				
20				

**OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG**

DATE July 30 1987

HOLE NO K2-87-57 LOCATION SITE 59

SHIFT HOURS

GEOLOGIST T. THOMPSON DRILLER M. LAJOIE BIT NO. CB69206 BIT FOOTAGE 12.5 - 26.5

_____ TO _____

MOVE TO HOLE 9:45 - 10:00

TOTAL HOURS

DRILL 10:00 - 12:00

CONTRACT HOURS

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0-11.8 OSIBWAY II SEDIMENTS
1				0-3.0 - pure grey clay, moderately compacted
2				3.0-5.5 - fine grained grey sand with very few pebbles
3				5.5-11.8 - sand and gravel, fine grained green-beige sand with pebbles, cobbles and granules of approximate composition 50% volcanics; 50% granitic
4				
5				
6			01	
7				11.8-14.0 BEDROCK
8			02	- dark green in colour
9				- fine grained
10			03	- well foliated
11				- the predominate mafic mineral is chlorite
12			04	- contaminated with overlying sediments
13				- difficult to drill through
14			05	Intermediate to mafic volcanic
15				E.O.H. 14.0
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

CLAST:

SIZE OF CLAST:

G: GRANULES
P: PEBBLES
C: COBBLES
BL: BOULDER CHIPS
BK: BEDROCK CHIPS

% CLAST COMPOSITION

V/S VOLCANICS AND SEDIMENTS
GR GRANITICS
LS LIMESTONE
OT OTHER LITHOLOGIES (REFER TO FOOTNOTES BELOW)
TR ONLY TRACE PRESENT
NA NOT APPLICABLE

MATRIX:

S/U SORTED OR UNSORTED
SD SAND : Y YES FRACTION PRESENT : F: FINE
ST SILT : N FRACTION NOT PRESENT : M: MEDIUM
CY CLAY : : C: COARSE

COLOR:

B: BEIGE
GY: GREY
GB: GREY BEIGE
GN: GREEN
GG: GREY GREEN
BN: BROWN
BK: BLACK
OC: OCHRE
PK: PINK
OE: ORANGE

DESCRIPTION:

BLD: BOULDER CHIPS
BDK: BEDROCK CHIPS

FOOTNOTES:

A GRITTY CLAY LUMPS PRESENT

B SMOOTH CLAY LUMPS PRESENT

C ORGANICS PRESENT

D SAMPLE HIGHLY OXIDIZED

ABBREVIATIONS

NUMBER OF GRAINS:

T: NUMBER FOUND ON SHAKING TABLE
P: NUMBER FOUND AFTER PANNING

THICKNESS:

C: CALCULATED THICKNESS OF GRAIN
M: ACTUAL MEASURED THICKNESS OF GRAIN

KEKRIAL.WR1

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 32

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION						CLASS						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC PPB	CLAST		MATRIX									
										SIZE	%	S/U	SD	ST	CY	COLOR						
										V/S	GR	LS	OT			SD	CY					
KR-87																						
21-01	3.4	0.8	2.6	156.6	145.5	11.1	3.4	7.7	0	NA	P	45	55	NA	NA	U	Y	Y	Y	GB	GB	TILL
22-01	8.5	2.4	6.1	283.1	248.0	35.1	9.0	26.1	0	NA	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
23-01	9.7	1.0	8.7	264.8	217.2	47.6	13.3	34.3	5	52	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
25-01	6.5	1.2	5.3	206.9	178.6	28.3	7.0	21.3	0	NA	P	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
26-01	8.7	1.4	7.3	160.7	128.7	32.0	8.8	23.2	9	5581	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
27-01	7.4	0.8	6.6	217.5	187.1	30.4	7.9	22.5	0	NA	P	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
28-01	6.7	1.4	5.3	200.6	171.4	29.2	7.0	22.2	1	53	P	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
29-01	8.7	1.4	7.3	165.9	124.1	41.8	9.7	32.1	7	202	P	70	30	NA	NA	U	Y	Y	Y	B	BN	TILL
30-01	8.6	2.7	5.9	169.5	134.7	34.8	6.4	28.4	1	332	P	30	70	NA	NA	U	Y	Y	Y	GG	GG	TILL
-02	9.3	3.8	5.5	215.7	176.8	38.9	9.9	29.0	1	B	P	20	80	NA	NA	U	Y	Y	Y	GG	GG	TILL
31-01	7.9	0.5	7.4	159.3	129.5	29.8	7.2	22.6	0	NA	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
32-01	9.5	2.2	7.3	152.7	115.1	37.6	10.1	27.5	0	NA	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
33-01	9.0	2.2	6.8	186.0	139.3	46.7	33.9	12.8	1	113	P	35	65	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.6	2.0	6.6	199.6	152.7	46.9	34.6	12.3	3	245	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
34-01	8.9	0.8	8.1	127.1	82.9	44.2	28.5	15.7	8	532	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.8	0.4	8.4	225.4	170.0	55.4	37.7	17.7	7	66	P	50	50	NA	NA	U	Y	Y	Y	B	B	TILL
-03	8.4	0.3	8.1	190.1	135.8	54.3	40.9	13.4	20	415	P	60	40	NA	NA	U	Y	Y	Y	GG	GG	TILL
-04	8.2	0.1	8.1	228.0	176.6	51.4	37.6	13.8	14	1852	P	50	50	NA	NA	U	Y	Y	Y	GG	GG	TILL
35-01	8.4	0.4	8.0	229.9	172.9	57.0	39.4	17.6	13	915	P	65	35	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.9	2.1	6.8	234.4	195.3	39.1	26.6	12.5	4	161	P	60	40	NA	NA	U	Y	Y	Y	GG	GG	TILL
36-01	9.1	0.9	8.2	168.2	121.9	46.3	30.6	15.7	9	111	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.7	2.2	6.5	110.7	83.3	27.4	18.4	9.0	5	2005	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-03	7.5	0.1	7.4	193.9	163.5	30.4	22.4	8.0	1	220	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
37-01	8.7	1.8	6.9	192.7	136.4	56.3	41.6	14.7	4	619	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-02	9.4	1.0	8.4	224.2	173.9	50.3	40.5	9.8	6	94	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-03	9.3	1.0	8.3	156.0	110.0	46.0	37.3	8.7	1	5	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.9	0.5	8.4	225.2	184.5	40.7	33.5	7.2	5	35	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-05	9.2	1.4	7.8	175.0	140.3	34.7	28.9	5.8	7	1458	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-06	9.0	1.8	7.2	205.3	178.7	26.6	21.9	4.7	1	17	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-07	8.5	0.8	7.7	213.8	183.0	30.8	26.1	4.7	3	274	P	55	45	NA	NA	U	Y	Y	Y	GB	GB	TILL
-08	8.6	0.9	7.7	196.0	159.1	36.9	30.0	6.9	0	NA	P	55	45	NA	NA	U	Y	Y	Y	B	B	TILL
37-09	8.5	0.0	8.5	194.5	162.6	31.9	24.4	7.5	1	B	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKRIAUG.WR1

NUMBER OF GRAINS

TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87																			
21-01	N	NO VISIBLE GOLD																	
22-01	N	NO VISIBLE GOLD																	
23-01	Y	25 X 25	5 C			2									2				EST. 0.5% PYRITE
		25 X 50	8 C	1											1				
		50 X 50	10 C		1										1				
		50 X 75	13 C	1											1				
															5	13.3	52		
25-01	N	NO VISIBLE GOLD																	
26-01	Y	25 X 50	8 C			3									3				EST. 2% PYRITE
		50 X 50	10 C			2									2				
		50 X 100	15 C	1	1										2				
		100 X 100	20 C		1										1				
		225 X 425	58 C	1											1				
															9	8.8	5581		
27-01	N	NO VISIBLE GOLD																	
28-01	N	50 X 75	13 C	1											1				
															1	7.0	53		
29-01	Y	25 X 50	8 C	1											1				EST. 3% PYRITE
		50 X 50	10 C	2											2				
		50 X 75	13 C	2	1		1								4				
															7	9.7	202		
30-01	N	100 X 125	22 C	1											1				
															1	6.4	332		
-02	N	25 X 50	8 C	1											1				
															1	9.9	8		
31-01	N	NO VISIBLE GOLD																	
32-01	N	NO VISIBLE GOLD																	
33-01	N	125 X 150	27 C	1											1				

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKRIAUG.WR1

TOTAL # OF PANNINGS 17

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87															1	33.9	113		
-02	Y	25 X 50	8 C		1										1			EST. 1% PYRITE	
		50 X 100	15 C	1											1				
		150 X 200	22 C	1											1				
															3	34.6	245		
34-01	Y	25 X 25	5 C		1										1			EST. 1% PYRITE	
		25 X 50	8 C		1			1							2				
		50 X 50	10 C	2											2				
		50 X 75	13 C		1										1				
		50 X 100	15 C		1										1				
		200 X 225	40 C	1											1				
															8	28.5	532		
-02	Y	25 X 50	8 C		1										1			EST. 2% PYRITE	
		50 X 50	10 C		2										2				
		50 X 75	13 C	1	1										2				
		50 X 100	15 C	1											1				
		75 X 75	15 C	1											1				
															7	37.7	66		
-03	Y	25 X 25	5 C		2										2			EST. 2% PYRITE	
		50 X 50	10 C	2	3										5			3 GRAIN GALENA	
		50 X 75	13 C	2	1										3			PHOTO MICROGRAPH AVAILABLE	
		50 X 100	15 C	3											3			FILM REFERENCE #05	
		75 X 75	15 C	2											2				
		75 X 100	18 C	3											3				
		75 X 125	20 C		1										1				
		100 X 125	75 M		1										1				
															20	40.9	415		
-04	Y	50 X 50	10 C	1	2										3			EST. 2% PYRITE	
		50 X 75	13 C	2	1										3			PHOTO MICROGRAPH AVAILABLE	
		75 X 75	15 C	1	2										3			FILM REFERENCE #05	
		75 X 100	18 C	2											2				
		75 X 125	20 C	1											1				
		125 X 200	31 C	1											1				
		300 X 400	61 C	1											1				
															14	37.6	1852		
35-01	Y	25 X 50	8 C		1										1			EST. 1% PYRITE	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKRIAUG.WR1

TOTAL # OF PANNINGS 17

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87		25 X 75	10 C		1										1				
		25 X 100	13 C	1											1				
		50 X 50	10 C	1	1										2				
		50 X 75	13 C	1	2										3				
		50 X 100	15 C	1											1				
		75 X 100	18 C	1											1				
		75 X 150	22 C	1											1				
		150 X 250	38 C	1											1				
		175 X 300	44 C	1											1				
															13	39.4	915		
-02	Y	25 X 75	10 C	1											1			EST. 1% PYRITE	
		50 X 50	10 C		1										1			100 MARCASITE PELLETS	
		75 X 100	18 C	1											1				
		125 X 125	25 C		1										1				
															4	26.6	161		
36-01	Y	25 X 25	5 C	1											1			EST. 0.5% PYRITE	
		25 X 50	8 C	1	3										4				
		50 X 75	13 C		1										1				
		75 X 75	15 C		1										1				
		75 X 100	18 C	2											2				
															9	30.6	111		
-02	Y	25 X 50	8 C	1	2										3			EST. 0.5% PYRITE	
		25 X 75	10 C				1								1				
		150 X 450	54 C	1											1				
															5	18.4	2005		
-03	N	100 X 200	29 C	1											1				
															1	22.4	220		
37-01	Y	25 X 50	8 C	1	1										2			EST. 0.5% PYRITE	
		50 X 100	15 C	1											1				
		225 X 300	48 C	1											1				
															4	41.6	619		
-02	Y	25 X 25	5 C		1										1			EST. 0.5% PYRITE	
		25 X 50	8 C		1										1				
		50 X 50	10 C		1										1				
		50 X 75	13 C	1											1				

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKR1AUG.WR1

NUMBER OF GRAINS

TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				TOTAL MAG GMS	NON MAG	CALC V.G. ASSAY PPB	REMARKS		
				ABRADED		IRREGULAR						DELICATE	
				T	P	T	P	T	P				
KR-87		75 X 100	18 C	1						1			
		75 X 150	22 C		1					1			
										6	40.5	94	
-03	N	50 X 50	10 C	1						1			
										1	37.3	5	
-04	Y	25 X 50	8 C			2				2		EST. 0.5% PYRITE	
		50 X 50	10 C	2						2			
		50 X 100	15 C		1					1			
										5	33.5	35	
-05	Y	25 X 50	8 C			1				1		EST. 0.5% PYRITE	
		25 X 75	10 C			1				1			
		50 X 50	10 C	1						1			
		50 X 75	13 C		1					1			
		500 X 100	54 C	1						1			
		75 X 100	18 C	1						1			
		125 X 150	27 C	1						1			
										7	28.9	1458	
-06	N	50 X 75	13 C	1						1			
										1	21.9	17	
-07	Y	25 X 50	8 C			1				1		EST. 1% PYRITE	
		100 X 125	22 C	1						1			
		125 X 175	29 C	1						1			
										3	26.1	274	
-08	N	NO VISIBLE GOLD											
37-09	N	50 X 50	10 C	1						1			
										1	24.4	8	

kekr2aay.wrl

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL #.OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION						CLASS						
				M. I. CONC				NO.	CALC	CLAST			MATRIX									
	TABLE	+10	TABLE	TABLE	M.I.	CONC.	NON			NO.	CALC	SIZE	%	S/U	SD		ST	CY	COLOR			
	SPLIT	CHIPS	FEED	CONC	LIGHTS	TOTAL	MAG	MAG	V.G.											PPB	V/S	GR
KR-87																						
37-10	8.7	0.5	8.2	211.1	179.7	31.4	22.3	9.1	0	NA	P	65	35	NA	NA	U	Y	Y	Y	B	B	TILL
-11	8.1	0.2	7.9	225.4	203.5	21.9	15.8	6.1	2	64	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-12	7.3	0.4	6.9	181.0	147.9	33.1	24.0	9.1	0	NA	P	30	70	NA	NA	U	Y	Y	Y	B	B	TILL
38-01	9.0	1.8	7.2	166.5	128.0	38.5	27.9	10.6	0	NA	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.1	1.5	6.6	198.1	165.8	32.3	23.3	9.0	0	NA	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-03	8.2	1.8	6.4	145.6	114.3	31.3	23.1	8.2	0	NA	P	50	50	NA	NA	U	Y	Y	Y	B	B	TILL
39-01	8.5	2.1	6.4	169.0	136.8	32.2	24.7	7.5	1	15	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.7	2.4	6.3	195.4	150.6	44.8	32.4	12.4	0	NA	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-03	8.5	1.3	7.2	237.7	192.3	45.4	35.4	10.0	5	86	P	65	35	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.4	1.2	7.2	133.9	94.7	39.2	30.3	8.9	1	6	P	55	45	NA	NA	U	Y	Y	Y	B	B	TILL
-05	8.0	0.8	7.2	136.6	99.8	36.8	27.8	9.0	6	47	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-06	8.4	1.4	7.0	149.3	108.6	40.7	30.2	10.5	2	56	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-07	8.5	1.2	7.3	130.9	96.6	34.3	27.3	7.0	1	3	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-08	9.5	1.7	7.8	144.0	106.2	37.8	29.4	8.4	5	440	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-09	8.9	1.4	7.5	140.4	111.3	29.1	22.0	7.1	1	9	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-10	8.8	0.6	8.2	144.6	106.8	37.8	28.1	9.7	7	50	P	55	45	NA	NA	U	Y	Y	Y	B	B	TILL
-11	8.9	1.6	7.3	170.7	137.5	33.2	23.0	10.2	8	4958	P	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-12	9.5	1.3	8.2	112.4	83.3	29.1	20.1	9.0	7	668	P	55	45	NA	NA	U	Y	Y	Y	B	B	TILL
-13	9.2	0.1	9.1	190.5	158.7	31.8	20.6	11.2	6	1143	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-14	9.3	1.4	7.9	224.6	185.9	38.7	25.9	12.8	1	39	P	50	50	NA	NA	U	Y	Y	Y	B	B	TILL
-15	8.3	1.0	7.3	181.7	154.6	27.1	19.5	7.6	7	743	P	15	85	NA	NA	U	Y	Y	Y	B	B	TILL
40-01	7.9	0.6	7.3	233.9	195.0	38.9	28.1	10.8	8	984	P	40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	9.3	0.1	9.2	199.7	158.7	41.0	30.5	10.5	4	92	P	35	65	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	7.9	0.0	7.9	112.3	78.2	34.1	24.2	9.9	2	96	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.7	0.3	8.4	167.7	126.9	40.8	27.7	13.1	1	138	C	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
41-01	8.8	2.1	6.7	275.8	232.1	43.7	31.3	12.4	0	NA	P	35	65	NA	NA	U	Y	Y	Y	B	B	TILL
-02	7.9	1.5	6.4	205.7	162.4	43.3	31.9	11.4	1	20	P	40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	9.1	1.2	7.9	190.4	153.2	37.2	28.2	9.0	1	1	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.6	0.3	8.3	180.8	156.8	24.0	19.4	4.6	0	NA	P	40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-05	8.9	1.0	7.9	181.2	146.9	34.3	25.8	8.5	0	NA	P	50	50	NA	NA	U	Y	Y	Y	B	B	TILL
-06	8.8	0.8	8.0	245.1	208.2	36.9	28.8	8.1	0	NA	P	55	45	NA	NA	U	Y	Y	Y	GB	GB	TILL
-07	8.7	2.5	6.2	215.7	170.0	45.7	37.5	8.2	1	27	P	40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-08	8.9	0.8	8.1	259.6	221.5	38.1	28.4	9.7	4	1679	P	45	55	NA	NA	U	Y	Y	Y	GB	GB	TILL
-09	9.0	1.0	8.0	202.3	187.4	14.9	10.8	4.1	1	354	P	45	55	NA	NA	U	Y	Y	Y	GB	GB	TILL
-10	9.4	1.1	8.3	172.8	132.6	40.2	29.4	10.8	6	267	P	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-11	8.8	1.8	7.0	212.5	175.6	36.9	25.7	11.2	3	1252	P	65	35	NA	NA	U	Y	Y	Y	GB	GB	TILL
-12	8.9	1.2	7.7	298.2	200.1	98.1	60.0	38.1	8	406	P	60	40	NA	NA	U	Y	Y	Y	BBN	BBN	TILL
-13	8.2	0.4	7.8	92.7	60.9	31.8	22.8	9.0	1	168	P	55	45	NA	NA	U	Y	Y	Y	BBN	BBN	TILL
-14	8.4	0.3	8.1	134.6	87.8	46.8	34.0	12.8	5	333	P	45	55	NA	NA	U	Y	Y	Y	B	B	TILL
42-01	8.5	0.4	8.1	127.9	79.6	48.3	34.6	13.7	6	115	P	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr2aug.wr1

TOTAL # OF PANNINGS

19

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED		IRREGULAR		DELICATE		TOTAL MAG	NON MAG	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P				
KR-87													
37-10	N	NO VISIBLE GOLD											
-11	Y	50 X	75	13 C	1					1			EST. 1% PYRITE
		75 X	75	15 C	1					1			
										2	15.8	64	
-12	N	NO VISIBLE GOLD											
38-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
39-01	N	50 X	75	13 C	1					1			
										1	24.7	15	
-02	N	NO VISIBLE GOLD											
-03	Y	50 X	75	13 C	1	1				2			EST. 0.5% PYRITE
		75 X	75	15 C		2				2			
		75 X	100	18 C	1					1			
										5	35.4	86	
-04	N	50 X	50	10 C	1					1			
										1	30.3	6	
-05	Y	25 X	50	8 C	1	1				2			EST. 0.5% PYRITE
		50 X	50	10 C	1	1				2			
		50 X	75	13 C	1	1				2			
										6	27.8	47	
-06	Y	50 X	50	10 C	1					1			EST. 1% PYRITE
		75 X	125	20 C	1					1			
										2	30.2	56	
-07	N	25 X	50	8 C	1					1			
										1	27.3	3	
-08	Y	25 X	50	8 C		2				2			EST. 1% PYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr2aug.wr1

TOTAL # OF PANNINGS 19

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P	T	P						
KR-87		50 X 75	13 C	1											1				
		75 X 100	18 C	1											1				
		175 X 225	38 C	1											1				
-----																5	29.4	440	
-09	N	50 X 50	10 C	1											1				
-----																1	22.0	9	
-10	Y	25 X 25	5 C		1										1			EST. 1% PYRITE	
		25 X 50	8 C		2										2				
		50 X 50	10 C	2	1										3				
		75 X 75	15 C		1										1				
-----																7	28.1	50	
-11	Y	25 X 50	8 C		1										1			EST. 1% PYRITE	
		50 X 50	10 C	2											2				
		50 X 75	13 C	2	1										3				
		200 X 250	42 C	1											1				
		250 X 600	71 C	1											1				
-----																8	23.0	4958	
-12	Y	25 X 50	8 C		1										1			EST. 1% PYRITE	
		50 X 50	10 C		2										2				
		50 X 75	13 C	1											1				
		75 X 100	18 C		1										1				
		100 X 125	22 C	1											1				
		125 X 250	36 C	1											1				
-----																7	20.1	668	
-13	Y	25 X 75	10 C		1										1			EST. 1% PYRITE	
		50 X 50	10 C		1	1									2				
		50 X 100	15 C	1											1				
		75 X 75	15 C	1											1				
		225 X 275	46 C	1											1				
-----																6	20.6	1143	
-14	N	75 X 100	18 C	1											1				
-----																1	25.9	39	
-15	Y	25 X 25	5 C		1										1			EST. 0.5% PYRITE	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr2aug.wrf

TOTAL # OF PANNINGS 19

NUMBER OF GRAINS

SAMPLE #	PANNED	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87		25 X 50	8 C		1										1				
		50 X 75	13 C	1											1				
		50 X 100	15 C	1											1				
		75 X 100	18 C		1										1				
		125 X 125	25 C		1										1				
		175 X 200	36 C		1										1				
															7	19.5	743		
40-01	Y	25 X 25	5 C		1										1			EST. 1% PYRITE	
		50 X 100	15 C	1											1				
		75 X 150	22 C	1											1				
		100 X 125	22 C	2											2				
		125 X 200	31 C	1											1				
		150 X 150	29 C	1											1				
		175 X 200	36 C		1										1				
															8	28.1	984		
-02	Y	25 X 25	5 C		1										1			EST. 1% PYRITE	
		50 X 100	15 C	2											2				
		100 X 100	20 C	1											1				
															4	30.5	92		
-03	Y	50 X 50	10 C	1											1			EST. 0.25% PYRITE	
		100 X 125	22 C	1											1				
															2	24.2	96		
-04	N	75 X 200	27 C	1											1				
															1	27.7	138		
41-01	N	NO VISIBLE GOLD																	
-02	N	75 X 75	15 C	1											1				
															1	31.9	20		
-03	N	25 X 25	5 C	1											1				
															1	28.2	1		
-04	N	NO VISIBLE GOLD																	
-05	N	NO VISIBLE GOLD																	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr2aug.wr1

TOTAL # OF PANNINGS

19

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL =====	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87																			
-06	N	NO VISIBLE GOLD																	
-07	N	75 X 100	18 C	1												1			
																1	37.5	27	
-08	Y	75 X 100	18 C		1											1		EST. 2% PYRITE	
		100 X 100	20 C		1											1			
		125 X 125	25 C	1												1			
		200 X 325	48 C	1												1			
																4	28.4	1679	
-09	N	125 X 150	27 C	1												1			
																1	10.8	354	
-10	Y	25 X 25	5 C		1											1		EST. 0.5% PYRITE	
		25 X 75	10 C		1		1									2			
		50 X 50	10 C	1												1			
		75 X 100	18 C	1												1			
		125 X 200	31 C	1												1			
																6	29.4	267	
-11	Y	75 X 100	18 C	1												1		EST. 0.5% PYRITE	
		150 X 175	31 C	1												1			
		225 X 300	48 C	1												1			
																3	25.7	1252	
-12	Y	25 X 75	10 C												1	1		NO SULPHIDES	
		50 X 50	10 C												1	1			
		50 X 75	13 C		1											1			
		50 X 100	15 C		1											1			
		75 X 100	18 C		2											2			
		125 X 175	29 C	1												1			
		150 X 300	42 C	1												1			
																8	60.0	406	
-13	N	125 X 150	27 C	1												1			
																1	22.8	168	
-14	Y	25 X 25	5 C		2											2		NO SULPHIDES	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kek2aug.wr1

TOTAL # OF PANNINGS 19

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87		50 X 100	15 C			1										1			
		125 X 125	25 C			1										1			
		125 X 225	34 C			1										1			
																5	34.0	333	
42-01	Y	25 X 50	8 C			1										1		EST. 1% PYRITE	
		50 X 75	13 C			2										2			
		50 X 100	15 C			1										1			
		75 X 100	18 C			1										1			
		75 X 125	20 C			1										1			
																6	34.6	115	

KEKR3AL...R1

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 40

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION						CLASS					
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG		NO. V.G.	CALC PPB	CLAST SIZE	%	MATRIX S/U SD			ST CY	COLOR				
											V/S	GR	LS	QT	SD CY						
KR-B7																					
42-02	8.8	0.2	8.6	172.0	133.5	38.5	28.4	10.1	0	NA	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	9.2	2.9	6.3	156.5	131.6	24.9	17.7	7.2	0	NA	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	8.6	2.3	6.3	87.5	68.6	18.9	12.9	6.0	1	483	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	8.4	2.3	6.1	37.3	26.6	10.7	5.6	5.1	3	6789	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
43-01	8.7	2.4	6.3	277.5	255.0	22.5	17.2	5.3	0	NA	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	8.4	2.1	6.3	155.5	119.6	35.9	25.0	10.9	0	NA	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
44-01	9.0	1.3	7.7	198.3	161.1	37.2	28.0	9.2	6	87	P 40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
45-01	9.2	1.3	7.9	199.7	156.1	43.6	29.8	13.8	11	291	P 30	70	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	8.6	1.1	7.5	185.4	142.5	42.9	31.5	11.4	5	60	P 30	70	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	8.7	1.4	7.3	198.4	189.6	8.8	6.4	2.4	4	164	P 25	75	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	9.1	1.8	7.3	179.2	142.6	36.6	27.6	9.0	1	37	P 30	70	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	8.2	0.7	7.5	211.6	169.0	42.6	32.7	9.9	1	31	P 30	70	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	8.7	2.0	6.7	192.9	154.0	38.9	28.4	10.5	6	242	P 70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
46-01	8.4	1.1	7.3	229.6	181.0	48.6	35.2	13.4	5	510	P 65	35	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	8.4	0.4	8.0	242.6	206.7	35.9	26.0	9.9	4	349	P 65	35	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	8.8	1.4	7.4	361.5	332.9	28.6	18.6	10.0	1	206	P 30	70	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.1	0.0	8.1	90.7	74.8	15.9	9.8	6.1	1	1634	TR	NA	NA	NA	S	C	Y	NA	B	NA	SAND
47-01	8.6	0.4	8.2	282.0	220.3	61.7	43.8	17.9	0	NA	P 45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-02	9.0	1.2	7.8	189.6	140.8	48.8	35.8	13.0	2	28	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-03	9.3	2.4	6.9	168.4	135.4	33.0	25.7	7.3	7	200	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.5	0.8	7.7	173.2	127.7	45.5	35.6	9.9	4	49	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-05	9.4	1.8	7.6	201.9	174.9	27.0	19.1	7.9	3	347	P 60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-06	9.3	2.0	7.3	244.3	209.6	34.7	25.5	9.2	3	88	P 60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
48-01	9.1	1.8	7.3	182.7	125.5	57.2	37.7	19.5	3	175	P 60	40	NA	NA	U	Y	Y	Y	B	B	TILL
49-01	8.5	1.5	7.0	230.0	189.9	40.1	30.5	9.6	5	56	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.7	1.9	6.8	249.4	205.2	44.2	32.8	11.4	1	11	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-03	8.5	1.7	6.8	189.9	136.8	53.1	38.3	14.8	6	676	P 45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-04	9.0	1.7	7.3	229.5	182.7	46.8	33.1	13.7	1	45	P 45	55	NA	NA	U	Y	Y	Y	B	B	TILL
50-01	9.0	1.8	7.2	130.6	91.8	38.8	29.2	9.6	1	13	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.4	1.0	7.4	155.1	115.6	39.5	31.0	8.5	0	NA	P 40	60	NA	NA	U	Y	Y	Y	B	B	TILL
51-01	8.8	1.5	7.3	107.9	69.4	38.5	28.3	10.2	7	641	P 45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.8	3.1	5.7	126.8	92.7	34.1	24.0	10.1	9	636	P 75	25	NA	NA	U	Y	Y	Y	B	B	TILL
52-01	8.9	1.4	7.5	77.7	40.4	37.3	27.2	10.1	1	24	P 45	55	NA	NA	U	Y	Y	Y	B	B	TILL
-02	8.4	2.4	6.0	91.4	56.4	35.0	25.2	9.8	0	NA	P 60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-03	8.8	1.7	7.1	118.2	71.3	46.9	32.9	14.0	6	172	P 60	40	NA	NA	U	Y	Y	Y	B	B	TILL
53-01	8.4	1.4	7.0	188.5	151.8	36.7	27.9	8.8	0	NA	P 70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	8.5	1.9	6.6	195.9	155.6	40.3	30.5	9.8	4	18	P 60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	7.8	1.0	6.8	139.2	108.8	30.4	22.6	7.8	1	9	P 60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-04	8.8	2.8	6.0	159.4	134.3	25.1	18.8	6.3	1	10	P 80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
53-05	9.0	2.6	6.4	141.9	118.6	23.3	16.5	6.8	3	29	P 80	20	NA	NA	U	Y	Y	Y	BNB	BNB	TILL
		0.0	0.0			0.0							NA	NA							

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKR3AUG.WR1

NUMBER OF GRAINS

TOTAL # OF PANNINGS 21

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
					T	P	T	P	T	P	T	P								
KR-87																				
42-02	N		NO VISIBLE GOLD																	
-03	N		NO VISIBLE GOLD																	
-04	N		150 X 175	31 C	1											1				
																1	12.9	483		
-05	Y		150 X 150	29 C		1										1			EST. 1% PYRITE	
			175 X 225	38 C	1											1				
			225 X 275	46 C	1											1				
																3	5.6	6789		
43-01	N		NO VISIBLE GOLD																	
-02	N		NO VISIBLE GOLD																	
44-01	Y		25 X 25	5 C		1										1			EST. 1% PYRITE	
			50 X 75	13 C	1	2										3				
			75 X 75	15 C	1	1										2				
																6	28.0	87		
45-01	Y		25 X 25	5 C		3										3			EST. 3% PYRITE	
			25 X 75	10 C		2										2			PHOTO MICROGRAPH AVAILABLE	
			50 X 50	10 C	1	1										2			FILM REFERENCE # 06	
			50 X 75	13 C		1										1				
			50 X 150	20 C		1										1				
			75 X 100	18 C	1											1				
			100 X 200	29 C		1										1				
																11	29.8	291		
-02	Y		25 X 25	5 C		2										2			EST. 2% PYRITE	
			25 X 75	10 C	1											1				
			75 X 75	15 C	1											1				
			75 X 100	18 C	1											1				
																5	31.5	60		
-03	Y		25 X 25	5 C		1										1			EST. 2% PYRITE	
			50 X 50	10 C	2											2				
			50 X 100	15 C	1											1				
																4	6.4	164		

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKR3AUG.WR1

TOTAL # OF PANNINGS 21

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL GMS	NON MAG	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87																			
-04	N	75 X 100	18 C	1										1					
														1	27.6	37			
-05	N	75 X 100	18 C	1										1					
														1	32.7	31			
-06	Y	25 X 25	5 C		1									1				EST. 5% PYRITE	
		50 X 75	13 C	1										1					
		75 X 75	15 C		1									1					
		75 X 100	18 C	1	1									2					
		125 X 150	27 C	1										1					
														6	28.4	242			
46-01	Y	25 X 50	8 C	1	1									2				EST. 2% PYRITE	
		125 X 150	27 C	1										1					
		150 X 175	31 C	1										1					
		175 X 175	34 C		1									1					
														5	35.2	510			
-02	Y	75 X 100	18 C	1										1				EST. 1% PYRITE	
		100 X 125	22 C	2										2					
		100 X 175	27 C		1									1					
														4	26.0	349			
-03	N	125 X 150	27 C	1										1					
														1	18.6	206			
-04	N	125 X 325	42 C	1										1					
														1	9.8	1634			
47-01	N	NO VISIBLE GOLD																	
-02	Y	50 X 75	13 C	1										1				EST. 3% PYRITE	
		75 X 75	15 C	1										1					
														2	35.8	28			
47-03	Y	25 X 25	5 C	2	3									5				EST. 2% PYRITE	
		25 X 50	8 C	1										1					
		100 X 200	29 C	1										1					

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKR3AUG.WR1

NUMBER OF GRAINS

TOTAL # OF PANNINGS 21

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL NON MAG GMS	CALC V.6. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P							
KR-87															1	33.1	45	
50-01	N	50 X	75	13 C	1										1			
															1	29.2	13	
-02	N	NO VISIBLE GOLD																
51-01	Y	25 X	50	8 C											1	1		EST. 3% PYRITE
		25 X	75	10 C	1	1										2		
		50 X	75	13 C	1											1		
		75 X	75	15 C	2											2		
		125 X	325	42 C	1											1		
																7	28.3	641
-02	Y	25 X	75	10 C		1		1							2			EST. 2% PYRITE
		50 X	50	10 C		1		1							2			
		50 X	75	13 C	1										1			
		75 X	150	22 C		1									1			
		100 X	125	22 C	1										1			
		125 X	175	29 C	1										1			
		150 X	150	29 C		1									1			
																9	24.0	636
52-01	N	75 X	75	15 C	1										1			
															1	27.2	24	
-02	N	NO VISIBLE GOLD																
-03	Y	50 X	75	13 C	1										1			EST. 3% PYRITE
		50 X	100	15 C		1									1			
		75 X	75	15 C	1										1			
		75 X	100	18 C		1									1			
		100 X	100	20 C	2										2			
																6	32.9	172
53-01	N	NO VISIBLE GOLD																
-02	Y	25 X	50	8 C	1	1									2			EST. 2% PYRITE
		25 X	75	10 C		1									1			
		50 X	50	10 C	1										1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

KEKR3AUG.WR1

TOTAL # OF PANNINGS 21

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P	T	P						
KR-87															4	30.5	18		
-03	N	50 X	50	10 C	1										1				
															1	22.6	9		
-04	N	50 X	50	10 C	1										1				
															1	18.8	10		
-05	Y	25 X	25	5 C		1									1			EST. 1% PYRITE	
		25 X	50	8 C					1						1				
		25 X	100	13 C	1										1				
															3	16.5	29		

kekr4au3.wr1

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 45

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION					CLASS							
	TABLE	+10	TABLE	TABLE	M.I.	CONC.	NON	NO.	CALC	CLAST	MATRIX				SD	CY						
	SPLIT	CHIPS	FEED	CONC	LIGHTS	TOTAL	MAG	MAG	V.G.	PPB	SIZE	%	S/U	SD	ST	CY	COLOR					
											V/S	GR	LS	OT			SD	CY				
KR-B7 59-22	8.7	0.5	8.2	187.5	140.0	47.5	33.2	14.3	14	627	P	70	30	NA	NA	U	Y	Y	Y	B	B	TILL

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr4aug.wr1

TOTAL # OF PANNINGS 28

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL NDN MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P							
KR-87																		
53-06	Y	25 X 25	5 C	1	1							5	7				NO SULPHIDES	
		25 X 50	8 C	8	3			3					14				PHOTO MICROGRAPH AVAILABLE	
		25 X 100	13 C					1					1				FILM REFERENCE #06	
		50 X 50	10 C	4	2								6					
		50 X 75	13 C	4									4					
		50 X 100	15 C	2	1								3					
		75 X 100	18 C	1									1					
													36	37.5	194			
-07	Y	25 X 25	5 C		2								2				NO SULPHIDES	
		25 X 50	8 C	1	1			2	2				6				GRAINS TOO SMALL FOR	
		25 X 75	10 C	1	1								2				PHOTOGRAPHY	
		25 X 100	13 C		1								1					
		50 X 75	13 C	1									1					
		75 X 100	18 C			1							1					
		100 X 150	25 C	1									1					
													14	22.8	244			
54-01	Y	25 X 25	5 C		1								1				EST. 3% PYRITE	
		50 X 75	13 C	1									1					
		75 X 75	15 C	1	1								2					
													4	19.4	87			
55-01	Y	25 X 25	5 C		1								1				EST. 5% PYRITE	
		25 X 50	8 C	1									1					
		50 X 50	10 C	1									1					
		350 X 375	63 C	1									1					
													4	26.6	2345			
56-01	Y	25 X 25	5 C		1								1				EST. 1% PYRITE	
		75 X 100	18 C	1									1					
		100 X 125	22 C							1			1					
													3	23.9	132			
57-01	Y	25 X 50	8 C		1								1				EST. 1% PYRITE	
		75 X 100	18 C	1									1					
		75 X 125	20 C	1									1					
		275 X 325	54 C	1									1					
		375 X 375	65 C	1									1					
													5	22.4	4789			

GOLD CL. JIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND FANNING

kekr4aug.wri

TOTAL # OF PANNINGS

28

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL MAG GMS	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87																			
-02	Y	50 X 50	10 C		1									1				EST. 1% PYRITE	
		50 X 75	13 C	1										1					
		75 X 75	15 C		1									1					
		75 X 100	18 C	1										1					
		75 X 150	22 C		1									1					
		100 X 150	25 C	1										1					
														6	26.7	271			
-03	Y	25 X 25	5 C	1	1									2				EST. 1% PYRITE	
		25 X 50	8 C		1									1					
		50 X 50	10 C	1										1					
														4	19.3	17			
-04	Y	50 X 50	10 C	1										1				EST. 1% PYRITE	
		100 X 150	25 C	1										1					
														2	17.9	172			
58-01	N	NO VISIBLE GOLD																	
-02	N	50 X 75	13 C	1										1					
														1	22.4	17			
-03	Y	50 X 100	15 C	1										1				EST. 1% PYRITE	
		75 X 75	15 C	2										2					
														3	27.4	70			
-04	Y	25 X 50	8 C							1				1				EST. 1% PYRITE	
		25 X 100	13 C	1										1					
		50 X 50	10 C		1									1					
		50 X 75	13 C	1										1					
		50 X 100	15 C		1									1					
														5	18.2	91			
-05	Y	25 X 25	5 C		1									1				EST. 1% PYRITE	
		50 X 75	13 C		2									2					
		100 X 100	20 C	1										1					
		150 X 175	31 C	1										1					
														5	36.3	234			
-06	Y	50 X 50	10 C	1										1				EST. 1% PYRITE	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

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TOTAL # OF PANNINGS

28

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL =====	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				T	P	T	P	T	P	T	P								
KR-87		50 X 75	13 C	1											1				
		50 X 100	15 C			1									1				
		100 X 125	22 C			1									1				
		100 X 150	25 C	1											1				
		150 X 150	29 C	1											1				
		150 X 175	31 C	1											1				
		200 X 250	42 C	1											1				
															8	32.2	1038		
-07	Y	75 X 100	18 C	1											1			NO SULPHIDES	
		225 X 300	48 C	1											1				
															2	23.2	1118		
-08	N	25 X 75	10 C	1											1				
															1	18.2	11		
-09	N	NO VISIBLE GOLD																	
-10	N	150 X 200	34 C	1											1				
															1	13.7	565		
-11	Y	75 X 125	20 C	1											1			NO SULPHIDES	
		100 X 175	27 C	1											1				
		125 X 125	25 C	1											1				
															3	15.4	534		
-12	Y	25 X 50	8 C	1											1			NO SULPHIDES	
		100 X 125	22 C	1											1				
															2	16.6	133		
-13	Y	25 X 50	8 C			1									1			NO SULPHIDES	
		50 X 75	13 C	1		1									2				
		75 X 100	18 C	1											1				
															4	21.3	86		
-14	N	200 X 275	44 C	1											1				
															1	18.4	1017		
59-01	N	50 X 100	15 C	1											1				

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

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TOTAL # OF PANNINGS 28

NUMBER OF GRAINS

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
					T	P	T	P	T	P	T	P								
																1	19.9	32		
-02	N																		NO VISIBLE GOLD	
-03	N																		NO VISIBLE GOLD	
-04	N																		NO VISIBLE GOLD	
-05	Y		50 X	50	10 C											1			EST. 1% PYRITE	
			50 X	75	13 C											2				
			75 X	75	15 C											1				
																4	19.7	80		
-06	N		100 X	100	20 C											1				
																1	26.4	57		
-07	N		100 X	100	20 C											1				
																1	21.1	71		
-08	N																		NO VISIBLE GOLD	
-09	N																		NO VISIBLE GOLD	
-10	N		50 X	50	10 C											1				
																1	21.0	9		
-11	Y		25 X	25	5 C											2			EST. 1% PYRITE	
			25 X	50	8 C											2				
			50 X	75	13 C											2				
			200 X	225	40 C											1				
																7	19.0	765		
-12	N		50 X	100	15 C											1				
																1	6.7	96		
-13	Y		25 X	25	5 C											1			EST. 1% PYRITE	
			25 X	50	8 C											1				
			50 X	50	10 C											1				
			50 X	75	13 C											3				
			75 X	100	18 C											1				

GOLD CLASSIFICATION

=====

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

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NUMBER OF GRAINS

TOTAL # OF PANNINGS 28

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG	CALC V.G. ASSAY PPB	REMARKS
					T	P	T	P	T	P	T	P	T	P	T	P				
KR-87			100 X 125	22 C	1										1					
															8	24.1	189			
-14	Y		50 X 50	10 C		1								1				EST. 0.25% PYRITE		
			50 X 125	18 C	1									1						
			125 X 150	27 C	1									1						
														3	32.4	155				
-15	Y		50 X 75	13 C	2									2				NO SULPHIDES		
			50 X 125	18 C	1									1						
														3	21.9	80				
-16	Y		25 X 50	8 C		1								1				NO SULPHIDES		
			25 X 75	10 C		1								1						
			50 X 100	15 C	1									1						
			75 X 75	15 C	1									1						
														4	18.2	85				
-17	N		25 X 50	8 C	1									1						
														1	19.3	4				
-18	Y		25 X 50	8 C		1								1				NO SULPHIDES		
			50 X 50	10 C		1								1						
			50 X 75	13 C	1									1						
			50 X 100	15 C		1								1						
			75 X 125	20 C	1									1						
														5	17.2	162				
-19	Y		25 X 25	5 C		1								1				NO SULPHIDES		
			25 X 50	8 C		1								1						
			50 X 75	13 C	2									2						
			75 X 75	15 C	1									1						
														5	24.0	62				
-20	Y		25 X 25	5 C								1		1				NO SULPHIDES		
			25 X 50	8 C		2								2						
			50 X 75	13 C	1									1						
			50 X 100	15 C	1									1						
			50 X 125	18 C	1									1						
			75 X 75	15 C	1									1						

GOLD CLASSIFICATION

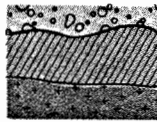
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

kekr4aug.wr1

TOTAL # OF PANNINGS 28

NUMBER OF GRAINS

SAMPLE #	PANNED	DIAMETER	THICKNESS	ABRADED				IRREGULAR				DELICATE				TOTAL	NON MAG	CALC V.G. ASSAY	REMARKS
				T	P	T	P	T	P	T	P	T	P	T	P				
KR-87		75 X 100	18 C	1											1				
															8	35.6	109		
-21	Y	50 X 50	10 C	1											1			NO SULPHIDES	
		50 X 100	15 C	1											1				
		100 X 125	22 C	1											1				
															3	31.6	94		
59-22	Y	25 X 25	5 C		2										2			NO SULPHIDES	
		25 X 50	8 C		3										3			PHOTO MICROGRAPH AVAILABLE	
		50 X 50	10 C		1										1			FILM REFERENCE #06	
		50 X 75	13 C		1										1				
		50 X 100	15 C					1							1				
		75 X 75	15 C	1											1				
		75 X 100	18 C		1										1				
		75 X 125	20 C		1										1				
		100 X 150	25 C	1											1				
		100 X 175	27 C	1											1				
		175 X 200	36 C	1											1				
															14	33.2	627		



REPORT: 017-3836 (COMPLETE)

REFERENCE INFO: OWN DATA

CLIENT: KELDOR RESOURCES INC.
 PROJECT: BORDER

SUBMITTED BY: ODH
 DATE PRINTED: 24-AUG-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	29	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	29	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	29	2 PPM	HNO3-HClO4	Colorimetric
4	Au Gold	29	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	Testwt Fire Assay Test Wt.	1	0.01 gms		

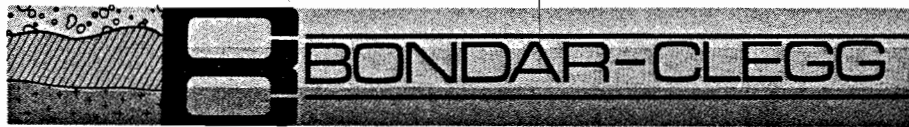
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	29	-200	29	PULVERIZE -200	29

REMARKS: < MEANS LESS THAN.

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 C.W. PEGG
 ODH

INVOICE TO: KELDOR

ODH

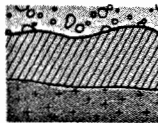


REPORT: 017-8836

PROJECT: BURDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Au PPM	Testwt gms
KR87-21-01-3/4	<i>due</i>	49	35	17	50	2.50
KR87-22-01-3/4		43	17	10	70	
KR87-23-01-3/4		14	9	2	15	
KR87-25-01-3/4		31	44	25	15	
KR87-27-01-3/4		24	17	3	160	
KR87-28-01-3/4	<i>due</i>	501	17	7	230	
KR87-29-01-3/4		57	28	3	110	
KR87-30-01-3/4		37	19	<2	5	
KR87-30-02-3/4		45	16	<2	50	
KR87-31-01-3/4		52	14	<2	75	
KR87-32-01-3/4	<i>due</i>	16	30	<2	655	
KR87-33-01-3/4		15	11	<2	465	
KR87-33-02-3/4		17	12	2	351	
KR87-34-01-3/4		33	20	18	115	
KR87-34-02-3/4		45	19	19	75	
KR87-34-03-3/4	<i>due</i>	175	35	30	70	
KR87-35-01-3/4		63	19	5	1450	
KR87-35-02-3/4		402	20	54	540	
KR87-36-01-3/4		14	8	2	330	
KR87-36-02-3/4		90	21	2	35	
KR87-37-01-3/4	<i>due</i>	14	12	<2	3915	
KR87-37-02-3/4		18	9	<2	190	
KR87-37-03-3/4		12	7	<2	35	
KR87-37-04-3/4		21	9	<2	55	
KR87-37-05-3/4		20	8	<2	750	
KR87-37-06-3/4	<i>due</i>	22	12	<2	45	
KR87-37-07-3/4		47	18	<2	200	
KR87-37-08-3/4		30	12	<2	15	
KR87-37-09-3/4		16	12	<2	35	



REPORT: 017-8837 (COMPLETE)

REFERENCE INFO: DDM DATA

CLIENT: MELCOR RESOURCES INC.
PROJECT: BORDER

SUBMITTED BY: DDM
DATE PRINTED: 24-AUG-87

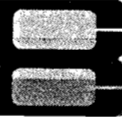
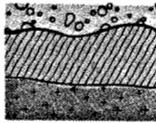
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	3	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	3	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	3	2 PPM	HNO3-HClO4	Colorimetric
4	AU-150 Gold -150 Fraction	3	0.01 PPM	AQUA REGIA	Fire Assay AA
5	AU+150 Gold +150 Fraction	3	0.01 PPM	AQUA REGIA	Fire Assay AA
6	AU Av. Gold Weight Average	3	0.01 PPM	AQUA REGIA	Fire Assay AA
7	Testlet Au Test Weight -150	3	0.01 gms		
8	-150wt Weight -150 Obtained	3	0.01 gms		
9	+150wt Weight +150 Obtained	3	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONCL.	3	+150/-150	3	METALLICS +150/-150	3

REMARKS: < MEANS LESS THAN

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DDM

INVOICE TO: MELCOR

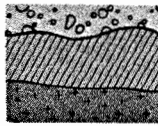


REPORT: 017-9897

PROJECT: BORDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	AU-150 PPM	AU+150 PPM	AU AV PPM	TestWt gms	-150Wt gms	+150Wt gms
K187-25-02-3/4	<i>Que</i>	95	28	11	0.21	14.06	2.16	12.00	14.81	2.40
K187-24-04-3/4	<i>Ont</i>	155	93	23	0.50	21.61	4.23	20.00	22.82	4.90
K187-36-02-3/4		21	14	3	0.25	15.17	2.55	6.00	10.98	2.00



REPORT: 017-3642 (COMPLETE)

REFERENCE INFO: ODM DATA

CLIENT: KELDOR RESOURCES INC.
PROJECT: BORDER

SUBMITTED BY: ODM
DATE PRINTED: 14-AUG-87

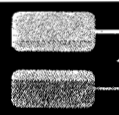
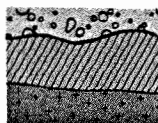
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	SiO2 Silica (SiO2)	52	0.01 PCT	Borate Fusion	DC Plasma
2	TiO2 Titanium (TiO2)	52	0.01 PCT	Borate Fusion	DC Plasma
3	Al2O3 Alumina (Al2O3)	52	0.01 PCT	Borate Fusion	DC Plasma
4	Fe2O3 Total Iron (Fe2O3)	52	0.01 PCT	Borate Fusion	DC Plasma
5	MnO Manganese (MnO)	52	0.01 PCT	Borate Fusion	DC Plasma
6	MgO Magnesium (MgO)	52	0.01 PCT	Borate Fusion	DC Plasma
7	CaO Calcium (CaO)	52	0.01 PCT	Borate Fusion	DC Plasma
8	Na2O Sodium (Na2O)	52	0.01 PCT	Borate Fusion	DC Plasma
9	K2O Potassium (K2O)	52	0.01 PCT	Borate Fusion	DC Plasma
10	P2O5 Phosphorous (P2O5)	52	0.01 PCT	Borate Fusion	DC Plasma
11	LOI Loss on Ignition	52	0.01 PCT		Gravimetric
12	Total Whole Rock Total	52	0.01 PCT		
13	Cu Copper	53	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
14	Zn Zinc	53	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
15	As Arsenic	53	2 PPM	HNO3-HClO4	Colourimetric
16	Au Gold	53	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
BEDROCK	53	-200	53	PULVERIZE -200	53

REMARKS: < MEANS LESS THAN
IS REFERS TO INSUFFICIENT SAMPLE

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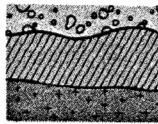


REPORT: 017-3642

PROJECT: BORDER

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT
KRB7-01-11-E		70.00	0.41	14.00	4.54	0.06	3.33	1.23	1.78	3.40	0.05	2.95
KRB7-02-02-E		61.60	0.57	16.20	6.63	0.09	3.68	3.21	2.90	2.17	0.16	4.75
KRB7-03-03-E		60.20	0.68	18.40	7.38	0.10	3.75	1.28	2.11	3.18	0.27	3.40
KRB7-04-11-E		61.00	0.61	15.70	6.54	0.08	4.39	2.23	3.22	2.40	0.35	3.30
KRB7-05-03-E		57.80	0.66	17.60	7.86	0.09	4.23	0.93	2.31	2.69	0.23	3.75
KRB7-06-05-E		57.60	0.66	18.30	6.70	0.07	3.34	0.77	2.13	3.56	0.33	3.65
KRB7-07-02-E		50.40	0.90	16.20	10.20	0.12	10.20	3.04	3.74	0.36	0.36	5.20
KRB7-08-02-E		53.30	0.70	14.80	12.90	0.25	5.00	4.59	2.18	0.28	0.08	3.35
KRB7-09-02-E		48.90	0.81	14.20	9.98	0.15	10.50	7.95	1.62	0.24	0.41	3.75
KRB7-10-04-E		54.00	0.87	15.80	7.67	0.13	5.13	5.85	3.12	0.28	0.21	4.45
KRB7-11-02-E		60.90	0.69	15.10	3.91	0.12	1.91	7.16	4.06	0.89	0.30	4.75
KRB7-12-05-E		56.60	0.67	14.90	7.55	0.15	3.66	7.08	3.29	0.64	0.30	4.45
KRB7-13-01-E		54.10	0.73	17.00	7.79	0.13	4.20	6.43	3.08	0.57	0.21	4.85
KRB7-14-02-E		52.10	0.61	14.50	12.40	0.22	6.02	6.00	2.92	0.04	0.14	6.80
KRB7-15-02-E		54.20	0.67	11.50	6.96	0.15	3.49	10.80	1.00	0.57	0.10	11.90
KRB7-16-02-E		52.60	0.63	15.10	8.59	0.12	5.07	7.00	3.04	0.96	0.18	8.20
KRB7-17-02-E		71.00	0.25	15.00	2.60	0.04	1.50	4.00	4.76	2.00	0.20	0.65
KRB7-18-03-E		69.20	0.26	15.80	2.51	0.04	1.55	2.54	5.55	1.59	0.28	1.10
KRB7-19-02-E		65.20	0.27	15.80	2.75	0.04	1.58	3.88	5.28	1.81	0.25	0.70
KRB7-20-02-E		IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
KRB7-21-02-E		65.30	0.36	14.50	3.33	0.06	1.12	3.60	4.88	1.75	0.27	4.45
KRB7-21-03-E		52.40	0.93	13.40	9.27	0.25	3.57	6.51	2.37	0.11	0.75	7.45
KRB7-22-02-E		49.70	0.84	14.50	11.90	0.15	4.19	6.12	2.11	0.42	0.21	7.85
KRB7-23-02-E		46.10	1.16	12.80	12.80	0.18	4.79	9.19	2.17	0.34	0.37	8.45
KRB7-24-01-E		61.10	0.86	15.10	7.52	0.17	3.19	5.03	1.52	0.60	0.28	5.30
KRB7-25-02-E		55.90	0.79	14.20	8.06	0.11	4.37	6.47	3.07	0.85	0.49	4.95
KRB7-26-02-E		53.10	0.85	14.09	7.84	0.14	4.73	6.06	3.78	0.92	0.22	3.60
KRB7-27-02-E		55.90	0.96	16.30	7.46	0.15	4.10	8.72	2.67	0.36	0.09	2.35
KRB7-28-02-E		49.70	0.16	14.20	7.12	0.21	4.98	8.26	1.82	0.48	0.13	10.95
KRB7-29-02-E		55.40	0.57	12.20	6.86	0.15	4.40	10.10	0.93	0.28	0.32	8.60
KRB7-30-03-E		60.50	0.81	16.00	9.00	0.06	5.77	2.32	4.04	0.64	0.33	1.95
KRB7-31-02-E		46.30	0.50	14.80	9.02	0.20	5.79	7.88	2.22	1.51	0.30	9.00
KRB7-32-02-E		57.30	0.54	16.40	5.72	0.09	4.07	6.49	3.99	0.63	0.29	4.25
KRB7-33-03-E		49.20	0.60	15.50	5.60	0.11	5.11	8.26	5.53	0.06	0.29	6.85
KRB7-34-05-E		57.10	0.80	15.30	7.95	0.12	4.83	5.88	3.93	0.77	0.28	3.05
KRB7-35-03-E		54.30	0.70	16.20	7.38	0.10	4.64	5.35	3.89	1.04	0.22	5.15
KRB7-36-04-E		53.90	1.19	12.90	11.70	0.15	3.91	6.86	3.58	1.13	0.26	1.75
KRB7-38-04-E		48.10	0.58	12.90	11.20	0.17	5.70	10.50	1.90	0.32	0.19	6.65
KRB7-40-05-E		59.80	0.66	15.70	7.72	0.12	4.49	2.89	2.39	2.86	0.33	4.45
KRB7-41-15-E		63.00	0.52	13.90	4.17	0.06	2.36	2.53	3.63	1.63	0.26	2.85

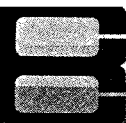
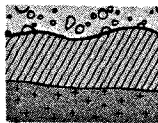


REPORT: 017-3642

PROJECT: BORDER

PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Total PCT	Cu PPM	Zn PPM	As PPM	Au PPB
KR87-01-11-B		101.75	18	66	2	<5
KR87-02-02-B		101.96	44	77	17	<5
KR87-03-03-B		100.75	48	84	11	<5
KR87-04-11-B		99.82	52	150	13	<5
KR87-05-03-B		98.15	56	96	22	<5
KR87-06-05-B		97.11	44	83	12	<5
KR87-07-02-B		100.72	13	57	4	<5
KR87-08-02-B		97.43	44	79	4	<5
KR87-09-02-B		98.51	64	49	4	<5
KR87-10-04-B		97.51	42	66	2	<5
KR87-11-02-B		99.79	44	48	<2	<5
KR87-12-05-B		101.29	36	62	3	<5
KR87-13-01-B		99.08	54	80	4	<5
KR87-14-02-B		101.74	50	79	4	5
KR87-15-02-B		101.34	56	75	3	<5
KR87-16-02-B		101.49	42	67	3	<5
KR87-17-02-B		102.00	11	47	<2	<5
KR87-18-03-B		100.43	13	38	2	<5
KR87-19-02-B		97.56	6	44	<2	<5
KR87-20-02-B		15	104	53	2	<5
KR87-21-02-B		99.62	9	37	2	<5
KR87-21-03-B		97.01	17	108	3	<5
KR87-22-02-B		97.99	108	95	3	<5
KR87-23-02-B		98.35	80	96	<2	<5
KR87-24-01-B		100.67	28	324	2	<5
KR87-25-02-B		99.26	44	76	2	<5
KR87-26-02-B		95.33	8	47	2	5
KR87-27-02-B		99.06	60	59	<2	<5
KR87-28-02-B		98.01	10	90	<2	<5
KR87-29-02-B		99.81	84	51	<2	<5
KR87-30-03-B		101.42	8	69	2	<5
KR87-31-02-B		97.52	54	151	2	<5
KR87-32-02-B		99.78	40	56	3	<5
KR87-33-03-B		97.11	4	25	<2	<5
KR87-34-05-B		100.01	44	73	<2	<5
KR87-35-03-B		98.97	34	58	<2	<5
KR87-36-04-B		97.33	152	71	2	5
KR87-38-04-B		98.21	118	66	3	5
KR87-40-05-B		101.41	56	251	<2	<5
KR87-41-15-B		94.91	32	62	<2	<5

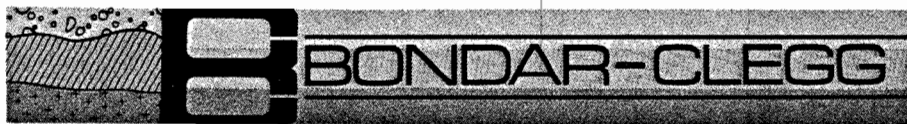


REPORT: 017-3642

PROJECT: BORDER

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT
KRB7-43-03-B		63.20	0.54	15.60	5.33	0.06	2.95	1.43	3.90	1.81	0.31	2.55
KRB7-44-02-B		63.30	0.47	14.60	4.90	0.06	2.77	2.63	3.80	1.57	0.40	3.25
KRB7-45-07-B		63.30	0.55	15.00	6.33	0.07	3.56	2.25	2.92	1.99	0.27	4.15
KRB7-46-05-B		63.90	0.58	14.90	6.23	0.08	3.49	3.92	4.02	2.07	0.20	2.20
KRB7-47-07-B		63.60	0.60	15.30	6.30	0.08	3.30	3.76	3.82	2.42	0.16	1.95
KRB7-48-02-B		60.60	0.60	15.30	6.37	0.12	3.23	7.38	2.50	1.01	0.13	4.70
KRB7-49-05-B		47.80	0.69	13.50	7.86	0.14	3.82	12.60	3.43	0.70	0.10	10.70
KRB7-50-03(A)-B		67.30	0.20	18.20	2.36	0.03	1.05	3.73	6.22	1.82	0.10	0.40
KRB7-50-03(B)-B		59.10	0.62	14.30	7.24	0.11	4.01	5.65	3.91	0.96	0.08	1.80
KRB7-50-03(C)-B		55.60	0.84	14.30	8.67	0.12	5.04	5.67	3.75	0.41	0.21	4.15
KRB7-51-03-B		54.50	0.78	14.10	8.44	0.14	4.89	7.23	3.57	0.35	0.13	2.90
KRB7-52-04-B		54.40	0.70	14.30	8.27	0.11	4.78	6.24	3.65	0.36	0.29	5.25
KRB7-53-08-B		57.10	0.78	14.60	10.90	0.16	4.86	6.40	2.71	0.30	0.13	3.30

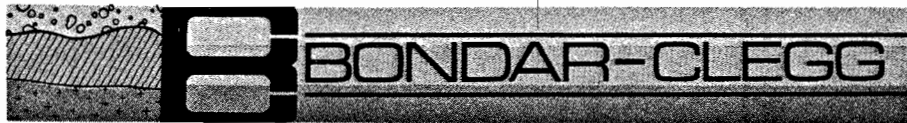


REPORT: 017-3642

PROJECT: BORDER

PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	Total PCT	Cu PPM	Zn PPM	As PPM	Au PPB
KR87-43-03-B		97.68	36	76	14	<5
KR87-44-02-B		97.75	44	74	8	<5
KR87-45-07-B		100.39	36	75	5	<5
KR87-46-05-B		101.59	38	80	3	<5
KR87-47-07-B		101.29	36	119	<2	<5
KR87-48-02-B		101.94	38	78	<2	<5
KR87-49-05-B		101.33	40	65	<2	<5
KR87-50-03(A)-B		101.41	8	55	<2	<5
KR87-50-03(B)-B		97.78	72	49	<2	<5
KR87-50-03(C)-B		98.75	32	74	<2	5
KR87-51-03-B		97.03	12	48	<2	<5
KR87-52-04-B		98.35	34	82	<2	<5
KR87-53-08-B		101.24	46	73	<2	<5



REPORT: 017-4159 (COMPLETE)

REFERENCE INFO: ODM DATA

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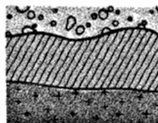
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	36	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
2	Zn Zinc	36	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
3	As Arsenic	36	2 PPM	HNO ₃ -HClO ₄	Colourimetric
4	Au Gold	36	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	Testwt Fire Assay Test Wt.	3	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	36	-200	36	PULVERIZE -200	36

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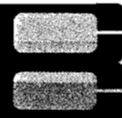
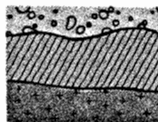


REPORT: 017-4159

PROJECT: BORDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Au PPB	Testwt gms
KR87-37-10-3/4		48	61	11	75	
KR87-37-11-3/4		47	26	28	40	8.00
KR87-37-12-3/4		32	25	9	35	
KR87-38-01-3/4		28	22	17	445	
KR87-38-02-3/4		50	43	2	410	
KR87-38-03-3/4		38	32	2	405	
KR87-39-01-3/4		29	23	2	70	
KR87-39-02-3/4		31	22	58	5	
KR87-39-03-3/4		30	16	8	45	
KR87-39-04-3/4		40	20	2	390	
KR87-39-05-3/4		29	21	2	60	
KR87-39-06-3/4		30	19	12	200	
KR87-39-07-3/4		49	20	2	25	
KR87-39-08-3/4		92	22	9	1110	
KR87-39-09-3/4		39	22	<2	5	
KR87-39-10-3/4		36	11	4	40	
KR87-39-12-3/4		53	20	5	330	
KR87-39-14-3/4		30	13	5	165	
KR87-39-15-3/4		17	15	4	1305	
KR87-40-01-3/4		38	23	6	1530	
KR87-40-02-3/4		44	17	7	20	
KR87-40-03-3/4		23	13	3	170	
KR87-40-04-3/4		31	11	3	<5	
KR87-41-01-3/4		21	13	2	225	
KR87-41-02-3/4		27	18	2	5	
KR87-41-03-3/4		13	12	2	10	
KR87-41-04-3/4		13	13	<2	<20	3.00
KR87-41-05-3/4		16	11	2	15	
KR87-41-06-3/4		48	15	7	105	
KR87-41-07-3/4		26	17	5	15	
KR87-41-09-3/4		25	14	3	<10	6.00
KR87-41-10-3/4		23	11	2	300	
KR87-41-12-3/4		9	8	2	655	
KR87-41-13-3/4		7	9	2	420	
KR87-41-14-3/4		9	12	3	320	
KR87-42-01-3/4		20	11	9	360	



REPORT: 017-4160 (COMPLETE)

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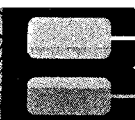
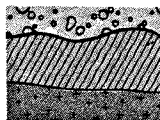
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	4	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	4	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	4	2 PPM	HNO3-HClO4	Colourimetric
4	Au-150 Gold -150 Fraction	4	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	4	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au Av Gold Weight Average	4	0.01 PPM	AQUA REGIA	Fire Assay AA
7	TestWt Au Test Weight -150	4	0.01 gms		
8	-150Wt Weight -150 Obtained	4	0.01 gms		
9	+150Wt Weight +150 Obtained	4	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	4	+150/-150	4	METALLICS +150/-150	4

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DATE PRINTED: 15-SEP-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	38	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	38	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	38	2 PPM	HNO3-HClO4	Colourimetric
4	Au Gold	38	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	Testwt Fire Assay Test Wt.	3	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	38	-200	38	PULVERIZE -200	38

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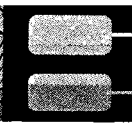
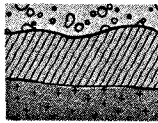


REPORT: 017-4250

PROJECT: BORDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Au PPB	Testwt gms
KR87-42-02-3/4		27	12	3	195	7.00
KR87-42-03-3/4		35	15	2	<5	
KR87-42-04-3/4		58	19	<2	14045	
KR87-43-01-3/4		46	16	2	560	
KR87-43-02-3/4		21	16	2	175	
KR87-44-01-3/4		47	17	9	80	2.00
KR87-45-01-3/4		49	21	8	100	
KR87-45-02-3/4		40	18	4	50	
KR87-45-03-3/4		112	59	4	560	
KR87-45-04-3/4		75	21	2	20	
KR87-45-05-3/4		44	55	2	170	
KR87-45-06-3/4		169	67	22	575	
KR87-46-01-3/4		38	16	8	735	
KR87-46-02-3/4		39	22	<2	425	
KR87-46-03-3/4		46	17	3	<5	
KR87-47-01-3/4		33	15	6	<5	
KR87-47-02-3/4		38	39	3	110	
KR87-47-03-3/4		92	19	3	95	
KR87-47-04-3/4		49	14	2	70	
KR87-47-05-3/4		38	18	<2	840	
KR87-47-06-3/4		28	14	2	50	
KR87-48-01-3/4		94	16	6	80	
KR87-49-01-3/4		40	17	<2	1025	
KR87-49-02-3/4		21	17	<2	365	
KR87-49-03-3/4		52	24	9	230	
KR87-49-04-3/4		72	26	11	35	
KR87-50-01-3/4		44	18	5	180	
KR87-50-02-3/4		37	16	3	5	
KR87-51-01-3/4		51	22	6	1640	
KR87-51-02-3/4		120	28	16	1415	
KR87-52-01-3/4		38	17	2	170	
KR87-52-02-3/4		59	23	7	105	
KR87-52-03-3/4		46	21	8	925	
KR87-53-01-3/4		84	24	10	45	
KR87-53-02-3/4		49	20	9	120	
KR87-53-03-3/4		36	20	9	1205	9.00
KR87-53-04-3/4		35	15	3	70	
KR87-53-05-3/4		127	25	3	280	



REPORT: 017-4251 (COMPLETE)

REFERENCE INFO: ODM DATA

CLIENT: KELDOR RESOURCES INC.
PROJECT: BORDER

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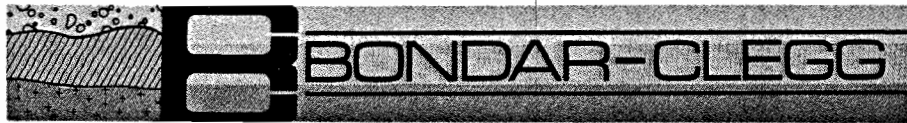
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	2	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	2	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	2	2 PPM	HNO3-HClO4	Colourimetric
4	Au-150 Gold -150 Fraction	2	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	2	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au Av Gold Weight Average	2	0.01 PPM	AQUA REGIA	Fire Assay AA
7	TestWt Au Test Weight -150	2	0.01 gms		
8	-150Wt Weight -150 Obtained	2	0.01 gms		
9	+150Wt Weight +150 Obtained	2	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	2	+150/-150	2	METALLICS +150/-150	2

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REPORT: 017-4301 (COMPLETE)

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PROJECT: BORDER

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DATE PRINTED: 22-SEP-87

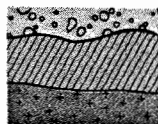
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	40	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	40	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	40	2 PPM	HNO3-HClO4	Colourimetric
4	Au Gold	40	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	Testwt Fire Assay Test Wt.	9	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	40	-200	40	PULVERIZE -200	40

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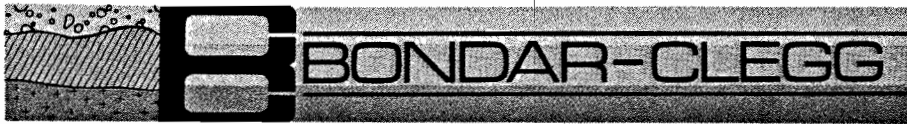
REPORT: 017-4301

PROJECT: BORDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Au PPB	Testwt gms
KR87-53-06-3/4		43	20	<2	315	
KR87-53-07-3/4		88	20	5	450	
KR87-54-01-3/4		157	33	161	120	
KR87-56-01-3/4		13	18	<2	40	
KR87-57-02-3/4		46	20	9	1085	
KR87-57-03-3/4		63	24	5	40	
KR87-57-04-3/4		42	23	6	320	9.00
KR87-58-01-3/4		25	16	<2	90	
KR87-58-02-3/4		43	18	2	105	
KR87-58-03-3/4		64	20	4	75	
KR87-58-04-3/4		47	21	<2	100	
KR87-58-05-3/4		9	14	<2	45	
KR87-58-08-3/4		23	23	<2	270	6.00
KR87-58-09-3/4		22	20	2	10	6.00
KR87-58-10-3/4		20	19	<2	<10	7.00
KR87-58-11-3/4		12	16	2	515	
KR87-58-12-3/4		13	14	2	110	8.00
KR87-58-13-3/4		13	17	<2	60	9.00
KR87-59-01-3/4		33	14	4	730	
KR87-59-02-3/4		13	17	<2	60	
KR87-59-03-3/4		31	20	<2	15	
KR87-59-04-3/4		43	21	11	10	9.00
KR87-59-05-3/4		107	28	7	125	
KR87-59-06-3/4		170	46	26	225	
KR87-59-07-3/4		204	52	14	250	
KR87-59-08-3/4		198	60	23	20	
KR87-59-09-3/4		206	61	15	10	
KR87-59-10-3/4		131	35	28	60	
KR87-59-11-3/4		60	21	3	255	
KR87-59-12-3/4		136	19	4	<25	2.00
KR87-59-13-3/4		14	15	<2	395	
KR87-59-14-3/4		9	12	<2	600	
KR87-59-15-3/4		13	13	<2	240	
KR87-59-16-3/4		9	14	<2	280	
KR87-59-17-3/4		13	15	<2	25	
KR87-59-18-3/4		10	15	<2	<10	9.00
KR87-59-19-3/4		16	19	<2	65	
KR87-59-20-3/4		9	13	<2	185	
KR87-59-21-3/4		11	13	3	50	
KR87-59-22-3/4		9	12	<2	70	

Bondar-Clegg & Company Ltd.
 5420 Canotek Rd.,
 Ottawa, Ontario,
 Canada K1S 9X5
 Phone: 749-2220
 Telex: 05...33



Geochemical
 Lab Report

REPORT: 017-4302 (COMPLETE)

REFERENCE INFO: ODM DATA

CLIENT: KELDOR RESOURCES INC.
 PROJECT: BORDER

SUBMITTED BY: ODM
 DATE PRINTED: 22-SEP-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	5	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	5	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	As Arsenic	5	2 PPM	HNO3-HClO4	Colourimetric
4	Au-150 Gold -150 Fraction	5	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	5	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au Av Gold Weight Average	5	0.01 PPM	AQUA REGIA	Fire Assay AA
7	TestWt Au Test Weight -150	5	0.01 gms		
8	-150Wt Weight -150 Obtained	5	0.01 gms		
9	+150Wt Weight +150 Obtained	5	0.01 gms		

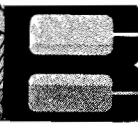
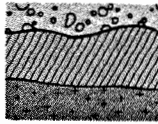
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	5	+150/-150	5	METALLICS +150/-150	5

REMARKS: < MEANS LESS THAN

REPORT COPIES TO: KELDOR
 C.W. PEGG
 ODM

INVOICE TO: KELDOR

At



REPORT: 017-4302

PROJECT: BORDER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Au-150 PPM	Au+150 PPM	Au Av PPM	TestWt gms	-150Wt gms	+150Wt gms
KR87-55-01-3/4		162	45	88	0.12	73.61	8.10	15.00	20.29	2.47
KR87-57-01-3/4		41	18	5	0.42	0.04	0.39	12.00	15.05	1.49
KR87-58-06-3/4		8	12	<2	0.59	<0.01	0.56	15.00	18.26	0.92
KR87-58-07-3/4		14	14	2	0.03	4.93	0.98	10.00	13.60	3.28
KR87-58-14-3/4		15	17	4	0.58	39.33	0.67	10.00	12.87	0.03



Land Management 2.106
The Mining

Type of Survey <i>Reverse Circulation Overburden Drilling</i>	Township or Area <i>Hepburn Twp.</i>
Claim Holder(s) <i>Charles Wth Pegg, P. Eng.</i>	Prospector's Licence No. <i>A 43265</i>
Address <i>96 Oakes Drive Mississauga Ont L5G3M1</i>	
Survey Company <i>Heath & Sherwood Drilling, Overburden Drilling Management</i>	Date of Survey (from & to) 8 7 87 26 7 87 Day Mo. Yr. Day Mo. Yr.
Total Miles of line Cut —	
Name and Address of Author (of Geo-Technical report) <i>Charles Wth Pegg as above</i>	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	906301	20	L	921302	20
	906302	20		921303	20
	906303	20		921304	20
	906304	20		921305	20
	906489	20		921306	20
	906490	20		921308	20
	906491	20		921309	20
	906492	20		921310	20
	906493	20		921313	20
	906494	20		921314	20
	906495	20		921315	20
	906496	20		921316	20
	906500	20		921317	20
	921311	20		921318	20
	921312	20		921319	20
	906000	20		921320	20
	906305	20		921321	20
	906497	20		921322	20
	906498	20		921323	20
	906499	20		921324	20
	917097	20		921325	20
	917098	20		921326	20
	921301	20		921327	20

LARDER LAKE
 MINING DIV.
 RECEIVED
 OCT 28 1987
 AM 7 18 19 01 12 11 2 3 4 5 7 55 PM

RECEIVED
NOV 03 1987

MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed
Reverse Circulation Overburden Drilling

Performed on Claim(s)
ALL CLAIMS

Calculation of Expenditure Days Credits

Total Expenditures	÷	Total Days Credits	=	
\$ 53,919 ⁹⁴	÷	15	=	3594

Total number of mining claims covered by this report of work. **46**

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
920	Oct 28 1987	<i>M. A. Wesmer</i>
	Date Approved as Recorded	Branch Director

Date *Oct 25/87* Recorded Holder or Agent (Signature) *W. Pegg*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
Charles Wth Pegg, 96 Oakes Drive Mississauga Ontario L5G3M1

Date Certified *Oct 25/87* Certified by (Signature) *W. Pegg*



Recorded Holder	Charles W. Pegg
Township XXXXXX	Hepburn

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	\$53,919.94 SPENT ON OVERBURDEN DRILLING AND ASSAYING SAMPLES TAKEN FROM MINING CLAIMS: L906302 to 303 inclusive 906305 906490 to 495 inclusive 906500 917098 921304 921306 921309 921301 921311 921314 921316 921319 921321 921323 to 324 inclusive 921326 3,594 days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.

Special credits under section 77 (16) for the following mining claims

--	--

No credits have been allowed for the following mining claims

<input type="checkbox"/> not sufficiently covered by the survey	<input type="checkbox"/> insufficient technical data filed
---	--

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

KELD'OR

1-28 Que.
53-56 Que

HOLE NUMBER	OVERBURDEN THICKNESS	BEDROCK DRILLED	E.O.H.	NUMBER OF OVERBURDEN SAMPLES	NUMBER OF BEDROCK SAMPLES
87-001	20.5	1.5	22.0	10	01
002	8.5	1.5	10.0	01	01
003	12.0	1.5	13.5	02	01
04	34.5	2.5	37.0	10	01
05	17.5	1.5	19.0	02	01
06	20.0	1.5	21.5	04	01
07	9.2	1.3	10.5	01	01
08	15.0	1.5	16.5	01	01
09	9.0	2.0	11.0	01	01
10	10.5	1.5	12.0	03	01
11	9.5	1.5	11.0	01	01
12	16.0	1.5	17.5	04	01
13	1.5	2.0	3.5	0	01
14	5.0	1.5	6.5	01	01
15	3.0	1.5	4.5	01	01
16	5.6	1.6	7.2	01	01
17	7.0	2.0	9.0	01	01
18	23.5	1.5	25.0	02	01
19	14.5	1.5	16.0	01	01
20	11.4	1.6	13.0	01	01
21	1.2	1.8	4.0	01	02
22	6.2	1.3	7.5	01	01
23	5.5	1.5	7.0	01	01
24	0.5	1.0	1.5	0	01
25	3.0	1.5	4.5	01	01
26	4.8	1.2	6.0	01	01
27	6.0	1.5	7.5	01	01
28	2.2	1.4	3.6	01	01
29	2.0	2.0	4.0	01	01
30	3.4	2.2	5.6	02	01
31	2.5	1.5	4.0	01	01
32	2.0	1.5	3.5	01	01
33	4.5	1.5	6.0	02	01
34	26.0	1.5	27.5	04	01
35	25.5	1.5	27.0	02	01
36	24.0	1.5	25.5	03	01
37	45.4	—	45.4	12	—

KELDUR

HOLE NUMBER	OVERBURDEN THICKNESS	BEDROCK DRILLED	E.O.H.	NUMBER OF OVERBURDEN SAMPLES	NUMBER OF BEDROCK SAMPLES
uly20 KR-87-39	28.0	—	28.0	14 ¹³²	0
40	14.0	2.5	16.5	04	01
41	39.0	1.5	40.5	14	01
21 42	20.0	—	20.0	05 ¹¹⁴	—
43	11.0	1.5	12.5	02	01
44	6.5	1.5	8.0	01	01
45	16.0	1.5	17.5	06	01
72 46	19.0	2.0	21.0	04 ¹¹⁰	01
47	23.0	1.5	24.5	06	01
23 48	5.5	1.5	7.0	01 ¹¹⁹	01 ¹²
49	11.5	1.5	13.0	04	01
50	11.5	1.5	13.0	02	03
51	12.0	1.5	13.5	02	01
52	8.4	1.6	10.0	03	01
53	19.0	1.5	20.5	07	01
24 54	10.0	1.5	11.5	01 ¹²	01 ¹²
55	4.0	1.5	5.5	01	01
132 56	5.5	1.5	7.0	01 ¹¹⁹	01
57	11.8	2.2	14.0	04	01
58	43.5	—	43.5	14	—
31 59	57.0	—	57.0	22 ²²	—
			890.3	Total 204	57
			0.1 312.5	Out 139	24
				361	
				125	



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE

JAN 13 1988

RECEIVED

January 6, 1988

Your File: 418/87
Our File: 2.10666

Mining Recorder
Ministry of Northern Development and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Data for Assaying submitted under Section 77(19)
of the Mining Act R.S.O. 1980 on Mining Claims
L 906302 et al in the Township of Hepburn

The enclosed statement of assessment work credits for assaying
has been approved as of the above date.

Please inform the recorded holder of these mining claims and
so indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Branch

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888
RM.

RM:p1
Enclosure (2)

cc: Resident Geologist
Kirkland Lake, Ontario

Mr. Charles W. Pegg
96 Oakes Drive
Mississauga, Ontario
L5G 3M1

ABBOTSFORD TWP.

ADAIR TWP.

THE TOWNSHIP OF

HEPBURN

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1 INCH=40 CHAINS

LEGEND

- PATENTED LAND ⊕
- CROWN LAND SALE C.S.
- LEASES ⊙
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS —
- IMPROVED ROADS —
- KING'S HIGHWAYS —
- RAILWAYS —
- POWER LINES —
- MARSH OR MUSKES —
- MINES —
- CANCELLED C.

NOTES

400' surface rights reservation around all lakes and rivers.

DATE OF ISSUE
 APR 23 1987
 LARDER LAKE
 MINING DIVISION
 SURVEYORS OFFICE

PLAN NO. M.500

ONTARIO
 MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH

SCAPA TWP.

PROVINCE OF QUEBEC

SARGEANT TWP.

