596001

AUGER HOLE REPORTS

E.L. 17 / 68

Oct 71 to May 74

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74-1013

MICROFILMED

596002

AUSTRALIA AND NEW ZEALAND EXPLORATION CO.

OCTOBER 1971 TO MAY 1974

AUGER HOLE REPORTS

N^{o}	26-53	EL 1/69	HAMPSHIRE MAGNETITE
N^{o}	54-60	EL 17/68	LOHREY'S PITS
N^{o}	61-81	EL 17/68	KARA NORTH
N^{o}	82-85	EL 17/68	KARA JUNCTION
N^{o}	86-96	EL 17/68	KARA CLOSURE
N^{o}	87-111B	EL 17/68	KARA 1. EAST LIMB
N^{o}	112-126	EL 17/68	KARA CLOSURE SECTION 117W
N^{o}	134A-150	EL 17/68	L13. PROSPECT
N^{o}	151-185	EL 17/68	L2. SUTTON'S SKARN
N^{o}	188-197	EL 17/68	L5. WEST
N^{o}	198-205	EL 17/68	L13
N^{o}	206-243	EL 17/68	MIXTURE OF LOCATIONS
			KARA NORTH
			KARA EASTERN RIDGE
			KARA N°1.

51

596003

AUGER HOLE REPORT

NO. 26

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.L. 1/69

DRILLER P. Mc Cormick

TOTAL DEPTH 3 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-3	Brn basaltic soil
1 sample				At 3 feet hit basalt
				Sent to McPhar 21/12/73

596004

AUGER HOLE REPORT

NO. 27

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.L. 1/69

DRILLER P. McCORMICK

TOTAL DEPTH 51 feet

SAMPLER REG

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-12	rd-brn basaltic soil
2	3-6	< 20		
3	6-9	70		
4	9-12	< 20		
5	12-15	< 20	12-21	tan-brn fine gr. sand
6	15-18	< 20		
7	18-21	< 20		
8	21-24	< 20	21-51	Pk v. fine gr sd to cl-sd
9	24-27	20		
10	27-30	20		
11	30-33	30		
12	33-36	150		
13	36-39	20		
14	39-42	30		
15	42-45	20		
16	45-48	30		
17	48-51	30		
				At 51 feet hit water table (stopped hole)
				Samples sent to McPhar 21/12/73

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596005

AUGER HOLE REPORT

NO. 28

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.E. 1/69

DRILLER P. McCORMICK

TOTAL DEPTH 6 feet

SAMPLER REG

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	30	0-6	Brn basaltic soil
2	3-6	< 20		
				At 6 feet hit basalt boulder
				Samples sent to McPhar 21/12/73

04

596006

AUGER HOLE REPORT

NO. 29

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.L. 1/69

DRILLER P, McCORMICK

TOTAL DEPTH 9 feet

SAMPLER REG

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-9	Brn basaltic soil
2	3-6	< 20		
3	6-9	< 20		
				At 9 feet hit basalt boulder
				Samples sent to McPhar 21/12/73

596007

AUGER HOLE REPORT

NO. 30 B

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.L. 1/69

DRILLER P. McCORMICK

TOTAL DEPTH 27 feet

SAMPLER REG

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	-0-6	Rd-brn basaltic soil
2	3-6	<20		
3	6-9	<20	6-27	Med-brn basaltic clays
4	9-12	<20		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20		
9	24-27	<20		Basalt
				At 27 feet hit water table (stopped hole)
				Samples sent to McPhar 28/12/73

AUGER HOLE REPORT

NO. 31

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 27, 1973

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 33 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-9	Rd-brn basaltic soil
2	3-6	< 20		
3	6-9	< 20		
4	9-12	< 20	9-12	Lt brn basalt-granite contact
5	12-15	< 20	12-33	Lt tan-brn to tan weathered med. crys. granite
6	15-18	< 20		
7	18-21	< 20		
8	21-24	< 20		
9	24-27	< 20		
10	27-30	< 20		
11	30-33	< 20		
				At 33 feet hit water table (stopped hole)
				Samples sent to McPhar 28/12/73

596009

AUGER HOLE REPORT

NO. 32

LOCATION: HAMPSHIRE MAGNETITE

DATE: DECEMBER 27, 1973

PROJECT: E.L. 1/69

DRILLER: P. McCormick

TOTAL DEPTH: 33 feet

SAMPLER: Reg

DESCRIPTION BY: D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	20	0-14	Med Brn to lt brn basaltic soil
2	3-6	< 20		
3	6-9	< 20		
4	9-12	< 20		
5	12-15	50	14-18	Pk red hematitic clay w/ weathered granite
6	15-18	70		
7	18-21	50	18-21	Pk brn weathered clay & granite
8	21-24	< 20	21-33	Tan-brn weathered granite
9	24-27	< 20		
10	27-30	40		Tan weathered granite
11	30-33	30		
				At 33 feet hit water table (stoppped hole)
				Samples sent to McPhar 28/12/73

596010

AUGER HOLE REPORT

NO. 33

LOCATION: HAMPSHIRE MAGNETITE

DATE: DECEMBER 27, 1973

PROJECT: E.L. 1/69

DRILLER: P. McCormick

TOTAL DEPTH: 33 feet

SAMPLER: Reg

DESCRIPTION BY: D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-6	Dk brn basaltic soil
2	3-6	< 20		
3	6-9	160	6-9	Dk brn basaltic & hematitic soil
4	9-12	280	9-12	Dk brn-red hematite
5	12-15	760	12-15	Brt burnt red hematite
6	15-18	750	15-18	Lt red-brn hematite
7	18-21	170	18-30	Med brn fine gr saind w/ discern hem & mag
8	21-24	110		
9	24-27	100		
10	27-30	90		
11	30-33	140	30-33	Lt brn fine gr sand w/ discern hem & mag
				At 33 feet hit water table (stopped hole)
				Samples sent to McPhar 28/12/73

09

596011

AUGER HOLE REPORT

NO. 34

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 28, 1973

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 33 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	40	0-6	Dk rd-brn hematitic soil
2	3-6	< 20		
3	6-9	< 20	6-9	Rd-brn basaltic soil
4	9-12	< 20	9-18	V lt rd-brn basaltic clay
5	12-15	< 20		
6	15-18	< 20		
7	18-21	< 20	18-21	Lt brn basaltic clay
8	21-24	< 20	21-27	Lt gry-brn basaltic clay w/ some hematite?
9	24-27	< 20		
10	27-30	30	27-33	Lt rd-brn basaltic clay
11	30-33	30		
				At 33 feet hit water table (stopped hole)
				Very near bottom of basalt
				Samples sent to McPhar 28/12/73

596012

AUGER HOLE REPORT

NO. 35

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 28, 1973

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 37 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	30	0-3	Dk rd-brn basaltic soil w/ some hem
2	3-6	< 20	3-6	Lt rd-brn. basaltic soil
3	6-9	< 20	6-9	Lt brn basaltic clay
4	9-12	< 20	9-12	Gry-brn basaltic clay
5	12-15	< 20	12-18	Gray basaltic clay
6	15-18	< 20		
7	18-21	< 20	18-30	Gry-brn basaltic clay
8	21-24	< 20		
9	24-27	< 20		
10	27-30	< 20		
11	30-33	< 20	30-37	Brn basaltic clay
12	33-36	< 20		
13	36-37	< 20		
				At 37 feet hit water table (stopped hole)
				Bottomed hole in basalt
				Samples sent to McPhar 31/12/73

596013

AUGER HOLE REPORT

NO. 36 B

LOCATION HAMPSHIRE HEMATITE

DATE DECEMBER 28, 1973

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 39 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-6	Rd-brn basaltic soil
2	3-6	< 20		
3	6-9	< 20	6-9	Lt brn basaltic clays
4	9-12	20	9-24	Gry-brn basaltic clays
5	12-15	30		
6	15-18	< 20		
7	18-21	30		
8	21-24	20		
9	24-27	40	24-39	Gray basaltic clays
10	27-30	20		
11	30-33	20		
12	33-36	< 20		
13	36-39	25		
				36 A went to 6 feet - 2 samples< 20 < 20
				At 39 feet hit water table (stopped hole)
				Bottomed in basalt
				Samples sent to McPhar 31/12/73

12

596014

AUGER HOLE REPORT

NO. 37

LOCATION HAMPSHIRE MAGNETITE

DATE DECEMBER 28, 1973

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 18 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	20	0-3	Dk rd-brn hematitic basaltic soil
2	3-6	30	3-15	Basaltic contact layer
3	6-9	< 20		
4	9-12	< 20		
5	12-15	< 20		
6	15-18	< 20	15-18	Water table - basalt
				At 18 feet hit water table (stopped hole)
				Bottomed in basalt
				Samples sent to McPhar 31/12/73

13

596015

AUGER HOLE REPORT

NO. 38

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 22, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 30 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-3	Rd-brn soil w/ magnetite pebbles
2	3-6	<20	3-6	Drk-brn clayey soil
3	6-9	<20	6-9	Drk-brn clayey soil w/ some magnetite pebbles
4	9-12	20	9-17	Very fine white sand
5	12-15	100		
6	15-18	90	17-18	Yel-brn cly-sd
7	18-21	210	18-24	Brn-yel clay
8	21-24	260		
9	24-27	370	24-30	Brn clay w/ magnetite & hem pebbles
10	27-30	250		
11	30	500	30	Brn-black magnetite skarn
BH sample				
				~~Hole hit rock at 30 feet also water table at~~ same level
				Samples sent to McPhar 25/1/74

014

596016

AUGER HOLE REPORT

NO. 39

LOCATION HAMPSHIRE MAGNETITE

DATE January 23, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 25 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	30	0-6	Dk brn sandy soil w/ some magnetite & quartzite pebbles
2	3-6	50		
3	6-9	60	6-9	Yel-brn fine grain sand
4	9-12	210	9-18	Lt brn sdy-clay
5	12-15	450		
6	15-18	400		
7	18-21	340	18-24	Brn clay w/ magnetite pebbles
8	21-24	220		
9	24-25	190	24-25	Lt brn sd-clay
10 BH sample	25	60	25	Hematite-magnetite skarn
				Hard rock at 25 feet
				Water table at 24 feet
				Samples sent to McPhar 21/1/74

596017

AUGER HOLE REPORT

NO. 40

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 23, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 33 Feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	70	0-3	Dk brn magnetite soil
2	3-6	110	3-9	Lt brn clay-sd soil
3	6-9	60		
4	9-12	80	9-12	Yel sd-clay w/ ss and qtz pebbles
5	12-15	70	12-15	V dk-brn sd-clay w/ hem chips
6	15-18	<20	15-33	Brn-blk to blk disseminated magnetite in a mud slurry
7	18-21	<20		
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12 BH sample	33	20	33	Disseminated magnetite w/ yel-grn skarn material
				Magnetite at 15 feet
				Hard magnetite at 33 feet
				Water table at 12 feet
				Samples sent to McPhar 25/1/74

596018

AUGER HOLE REPORT

NO. 41

LOCATION: HAMPSHIRE MAGNETITE

DATE: JANUARY 24, 1974

PROJECT: E.L. 1/69

DRILLER: P. McCormick

TOTAL DEPTH: 32 feet

SAMPLER: Reg

DESCRIPTION BY: D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-3	Dk rd-brn magnetite soil
2	3-6	< 20	3-9	Lt rd-brn sd-cl soil & disseminated magnetite
3	6-9	< 20		
4	9-12	< 20	9-12	Blk-brn disseminated magnetite
5	12-15	< 20	12-18	Brn cl-sd w/ disseminated magnetite
6	15-18	< 20		
7	18-21	< 20	18-23	Dk gry-blk sd-cl w/ disseminated magnetite
8	21-24	< 20		
9	24-27	< 20	23-32	Med brn cly-sd w/ abundant disseminated mag
10	27-30	< 20		
11	30-32	< 20		
12	32	< 20	32	Yellow fine gr sandstone w/ some mag chips
BH Sample				
				At 32 feet hit hard rock
				at 24 feet hit water table
				Samples sent to McPhar 25/1/74

596019

AUGER HOLE REPORT

NO. 42

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 39 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-3	Dk rd-brn magnetite soil
2	3-6	< 20	3-9	Dk brn sd-cly soil w/ magnetite skarn
3	6-9	60		
4	9-12	50	9-15	Med brn cl-sd w/ some magnetite skarn
5	12-15	40		
6	15-18	< 20	15-27	Lt brn very fine sand
7	18-21	< 20		
8	21-24	< 20		
9	24-27	< 20		
10	27-30	40	27-30	Med brn sand
11	30-33	20	30-39	Med brn very fine cl-sd
12	33-36	< 20		
13	36-39	< 20		
14	39	20	39	Tan resistant sandstone
BH sample				
				At 39 feet hit hard rock
				At 30 feet hit water table
				Samples sent to McPhar 25/1/74

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596020

AUGER HOLE REPORT

NO. 43

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 35 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-3	Rd-brn sd-cl soil w/ mag pebbles
2	3-6	< 20	3-9	Brn fine grain sand
3	6-9	20		
4	9-12	< 20	9-12	Grn-brn sand
5	12-15	< 20	12-30	Lt yel-brn fine grain sand
6	15-18	< 20		
7	18-21	< 20		
8	21-24	< 20		
9	24-27	30		
10	27-30	< 20		
11	30-33	< 20	30-35	Brn cl-sd
12	33-35	< 20		
13	35	20	35	Brn hematite & magnetite chips
BH sample				
				At 35 feet hit hard rock
				At 30 feet hit water table
				Samples sent to McPhar 25/1/74

596021

AUGER HOLE REPORT

NO. 44

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 36 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Lt red-brn sdy magnetite soil
2	3-6	<20		
3	6-9	30	6-12	Brn to lt brn fine grain cl-sd
4	9-12	70		
5	12-15	50	12-15	Yel-brn fine grain sd
6	15-18	40	15-24	White to v lt yel v fine sd
7	18-21	50		
8	21-24	30		
9	24-27	50	24-27	Tan fine grain sd
10	27-30	50	27-30	Lt brn fine grain sd
11	30-33	120	30-33	Med brn cly-sd
12	33-36	200	33-36	Med brn sd-cly
13	36	420	36	Yl-brn magnetite skarn
BH sample				
				At 36 feet hit hard rock
				At 24 feet hit water table
				Samples sent to McPhar 25/1/74

596022

AUGER HOLE REPORT

NO. 45

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 63 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-6	Dk brn sd-cly soil (basaltic soil?)
2	3-6	< 20		
3	6-9	< 20	6-12	Med brn clay
4	9-12	< 20		
5	12-15	< 20	12-18	Lt brn clay (sludge)
6	15-18	< 20		
7	18-21	< 20	18-33	Dk grn-brn clay w/ disseminated magnetite
8	21-24	< 20		
9	24-27	< 20		
10	27-30	< 20		
11	30-33	50		
12	33-36	110	33-36	Lt grn-brn clay (sludge) w/ disseminated mag
13	36-39	50	36-39	Med grn-brn clay (sludge) " " "
14	39-42	30	39-63	Lt grn-brn cl-sd (sludge) " " "
15	42-45	50		
16	45-48	40		
17	48-51	60		
18	51-54	60		
19	54-57	50		
20	57-60	60		

cont./

021

596023

AUGER HOLE REPORT

NO. 45 cont.

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	60		
22	63	90	63	Magnetite chips
BH sample				
				At 63 feet hit hard rock
				At 12 feet hit water table
				Samples sent to McPhar 31/1/74

22

596024

AUGER HOLE REPORT

NO. 46

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 17 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-3	Dk rd-brn hematite soil
2	3-6	80	3-6	Dk brn sd-cl soil
3	6-9	80	6-9	White fine grain sand
4	9-12	180	9-12	Med brn cl-sd
5	12-15	370	12-15	Lt brn cl-sd
6	15-17	380	15-17	Med brn sd-cl
7	17	600	17	Dk brn hard hematite rock
BH sample				
				At 17 feet hit hard rock (hematite) did not
				reach water table
				Samples sent to McPhar 31/1/74

023

596025

AUGER HOLE REPORT

NO. 47

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 24, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 27 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	120	0-3	Dk rd-brn hematite soil
2	3-6	180	3-6	Gry-brn magnetite soil
3	6-9	140	6-15	Med brn fine grain sand
4	9-12	100		
5	12-15	90		
6	15-18	130	15-18	Dk brn cl-sd
7	18-21	130	18-24	Dk brn sand
8	21-24	90		
9	24-27	110	24-27	Dk brn cl-sd
10	27	100	27	Brn clay w/ some magnetite chips
BH sample				
				At 27 feet flights tightened up. Did not reach
				water table
				(Original hole went only 2 feet, moved 5 feet to
				the east.)
				Samples sent to McPhar 31/1/74

524

596026

AUGER HOLE REPORT

NO. 48

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 29, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 44 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	40	0-6	Rd-brn sandy soil
2	3-6	40		
3	6-9	120	6-33	Lt brn to med brn very fine sand
4	9-12	120		
5	12-15	110		
6	15-18	120		
7	18-21	120		
8	21-24	50		
9	24-27	40		
10	27-30	40		
11	30-33	30		
12	33-36	60	33-36	Sltly sdy-clay (lt brn)
13	36-39	40	36-44	Brn cl?-sd (slurry)
14	39-42	40		
15	42-44	40		
16 BH Sample	44	60	44	White sand w/ small chips of hematite
				At 36 feet hit water table
				At 44 feet hit hard rock
				Samples sent to McPhar 31/1/74

325

596027

AUGER HOLE REPORT

NO. 49

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 29, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 78 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-12	Med brn to lt brn basaltic soil
2	3-6	< 20		
3	6-9	< 20		
4	9-12	< 20		
5	12-15	< 20	12-15	Gry-brn basalt
6	15-18	< 20	15-21	Dk gry basalt
7	18-21	40		
8	21-24	20	21-27	Med brn fine grain sand
9	24-27	30		
10	27-30	40	27-33	Lt brn cl-sd
11	30-33	40		
12	33-36	30	33-63	Med brn sand (fine to med)
13	36-39	40		
14	39-42	50		
15	42-45	40		
16	45-48	40		
17	48-51	40		
18	51-54	30		
19	54-57	40		
20	57-60	40		

cont./

596028

AUGER HOLE REPORT

NO. 49 cont.

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	70		
22	63-66	50	63-78	Gry-brn sand w/ disseminated magnetite?
23	66-69	50		
24	69-72	80		
25	72-75	90		
26	75-78	110		
27	78	190	78	Rd-brn hem & mag (definite)
BH sample				
				At 78 feet hit hard rock
				At 27 feet hit water table
				Samples sent to McPhar 31/1/74

596029

AUGER HOLE REPORT

NO. 50

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 29, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 76 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	20	0-18	Rd-brn basaltic soil
2	3-6	20		
3	6-9	<20		
4	9-12	60		
5	12-15	<20		
6	15-18	20		
7	18-21	50	18-36	Yel-brn fine grain sand
8	21-24	30		
9	24-27	30		
10	27-30	40		
11	30-33	60		
12	33-36	80		
13	36-39	380	36-48	Dk brn fine grain sand
14	39-42	400		
15	42-45	300		
16	45-48	400		
17	48-51	380	48-60	Dk brn cl-sd
18	51-54	400		
19	54-57	400		
20	57-60	390		

cont./

528.

596030

AUGER HOLE REPORT

NO. 50 cont.

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	450	60-69	Dk brn sand
22	63-66	500		
23	66-69	410		
24	69-72	330	69-76	Dk brn cl-sd
25	72-75	300		
26	75-76	300		
27	76	130	76	Hematite chips
BH sample				
				At 76 feet hit hard rock
				At 36 feet hit water table
				Sample to McPhar 31/1/74

596031

AUGER HOLE REPORT

NO. 51

LOCATION HAMPSHIRE MAGNETITE

DATE JANUARY 29, 1974

PROJECT E.L. 1/69

DRILLER P. McCormick

TOTAL DEPTH 35 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Dk brn basaltic soil
2	3-6	<20		
3	6-9	810	6-9	Dk brn cly soil w/ hem & mag pebbles
4	9-12	200	9-18	Med brn cl-sd
5	12-15	120		
6	15-18	130		
7	18-21	60	18-33	Lt tan-brn weathered granite
8	21-24	60		
9	24-27	100		
10	27-30	50		
11	30-33	50		
12	33-35	40	33-35	V lt grn tan granite
13 ~~BH sample~~	35	40	35	Granite
				At 35 feet hit hard rock (granite)
				At 33 feet hit water table
				Samples sent to McPhar 31/1/74

30

596032

AUGER HOLE REPORT

NO. 52

LOCATION HAMPSHIRE MAGHETITE

DATE JANUARY 29, 1974

PROJECT E.L. 1/69

DRILLER Peter McCormick

TOTAL DEPTH 42 feet

SAMPLER Reg

DESCRIPTION BY D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	< 20	0-6	Rd-brn hematite soil
2	3-6	30		
3	6-9	180	6-12	Lt rd-brn soil w/ hem & Mag pebbles
4	9-12	250		
5	12-15	340	12-15	Dk brn clayer soil w/ large mag chips
6	15-18	430	15-18	Dk brn sd-cl w/ some mag chips
7	18-21	250	18-27	Med brn cl-sd
8	21-24	120		
9	24-27	110		
10	27-30	70	27-33	Lt brn cl-sd
11	30-33	60		
12	33-36	90	33-42	Med brn clay
13	36-39	80		
14	39-42	80		
15	42	80	42	Some hematite chips?
BH sample				
				At 42 feet hit hard rock
				At 33 feet hit water table
				Samples sent to McPhar 31/1/74

596033

AUGER HOLE REPORT

NO. 53

LOCATION: HAMPSHIRE MAGNETITE

DATE: JANUARY 30, 1974

PROJECT: E.L. 1/69

DRILLER: P. McCormick

TOTAL DEPTH: 60 feet

SAMPLER: Reg

DESCRIPTION BY: D.R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	20	0-12	Med rd-brn basaltic soil
2	3-9	20		
3	9-12	20		
4	12-15	20	12-15	Med rd-brn basaltic soil w/ hem pebbles
5	15-18	150	15-18	Lt brn cl-sd w/ some hem pebbles
6	18-21	490	18-24	Dk brn sd-clay w/ abundant hem & mag pebbles
7	21-24	340		
8	24-27	320	24-33	Dk brn clay sludge w/ very abundant mag & hem chips
9	27-30	340		
10	30-33	270		
11	33-36	260	33-39	Dk brn clay sludge w/ mod mag & hem chips
12	36-39	340		
13	39-42	280	39-60	Lt brn clay sludge?
14	42-45	340		
15	45-48	260		
16	48-51	190		
17	51-54	200		
18	54-57	170		
19	57-60	160		
20 BH sample	60	120	60	Hem & mag chips

At 60 feet hit hard rock. At 24 feet hit water table

Samples to McPhar 31/1/74

32

596034

AUGER HOLE REPORT

NO. 54

LOCATION Lobrey's Pits

DATE February 1, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 53 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	170	0-6	Yel-brn. sand
2	3-6	170		
3	6-9	70	6-12	Brn-Gry sand
4	9-12	40		
5	12-15	30	12-21	Black fine grain sand
6	15-18	50		
7	18-21	40		
8	21-24	60	21-53	Black siltstone
9	24-27	50		
10	27-30	60		
11	30-33	70		
12	33-36	60		
13	36-39	50		
14	39-42	70		
15	42-45	80		
16	45-48	60		
17	48-51	70		
18	51-53	70		
B.H.S. 19	53	560	53	Black Magnetite
19 samples			Remarks: Water table at 6 feet Hard rock at 53 feet	

33

596035

AUGER HOLE REPORT

NO. 55

LOCATION Lobrey's Pits

DATE February 1, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	30	0-6	Yel-brn fine grain sd.
2	3-6	<20		
3	6-9	<20	6-42	Gry-brn. fine grn. sd. with
4	9-12	<20		fine heavies
5	12-15	<20		
6	15-18	<20		
7	18-21	30		
8	21-24	<20		
9	24-27	40		
10	27-30	30		
11	30-33	50		
12	33-36	50		
13	36-39	<20		
14	39-42	60		
15	42-45	60	42-48	Brn-Gry. fine grn sand
16	45-48	50		
17	48-51	50	48-90	Gry to Dk Gry silt and Cl-silt
18	51-54	40		
19	54-57	60		
20	57-60	50		

J34

596036

AUGER HOLE REPORT

NO. 55 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	40		
22	63-66	80		
23	66-69	40		
24	69-72	50		
25	72-75	60		
26	75-78	<20		
27	78-81	30		
28	81-84	70		
29	84-87	50		
30	87-90	50		
30 samples			Remarks:	Hit water table at 21 feet
				Ran out of rods at 90 feet

035

596037

AUGER HOLE REPORT

NO. 56

LOCATION Lohrey's Pits

DATE February 1, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	100	0-6	Lt. brn. very fine grain sand
2	3-6	90		
3	6-9	80	6-54	Lt. Gry-brn. to dk gry-brn
4	9-12	80		sd-clay
5	12-15	80		
6	15-18	80		
7	18-21	70		
8	21-24	80		
9	24-27	80		
10	27-30	50		
11	30-33	50		
12	33-36	50		
13	36-39	80		
14	39-42	60		
15	42-45	70		
16	45-48	50		
17	48-51	60		
18	51-54	70		
19	54-57	110	54-69	Dk brn clay
20	57-60	150		

56

596038

AUGER HOLE REPORT

NO. 56 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	110		
22	63-66	150		
23	66-69	120		
24	69-72	130	69-90	Brown clay
25	72-75	120		
26	75-78	130		
27	78-81	130		
28	81-84	110		
29	84-87	100		
30	87-90	90		
30 samples			Remarks:	Water table at 69 feet
				Ran out of rods at 90 feet

U37

596039

AUGER HOLE REPORT

NO. 57

LOCATION Lobrey's Pits

DATE February 1, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 26 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	50	0-26	Yel-brn fine grain sand
2	3-6	50		
3	6-9	40		
4	9-12	<20		
5	12-15	40		
6	15-18	60		
7	18-21	50		
8	21-24	60		
9	24-26	40		
BHS 10	26	50	26	Hard sandstone
10 samples			Remarks:	Water table at 18 feet
				Solid rock at 26 feet

,38

596040

AUGER HOLE REPORT

NO. 58

LOCATION Lahrey's Pits

DATE February 4, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 15 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-9	Dk brn sandy basaltic soil with
2	3-6	<20		Yel-brn sandstone chips at surface
3	6-9	<20		
4	9-12	<20	9-15	Brn weathered basalt
5	12-15	40		
BHS 6	15	<20	15	Basalt
6 samples			Remarks:	Did not hit water table
				Hard rock at 15 feet

039

596041

AUGER HOLE REPORT

NO. 59

LOCATION Lohrey's Pits

DATE February 4, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 18 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	60	0-12	Yel-brn fine grain sand
2	3-6	20		
3	6-9	40		
4	9-12	40		
5	12-15	30	12-18	Med gry sandstone
6	15-18	<20		
BHS 7	18	<20	18	Sandstone
7 samples			Remarks:	Water table at 12 feet
				Hard rock at 18 feet

40

596042

AUGER HOLE REPORT

NO. 60

LOCATION Lohrey's Pits

DATE February 4, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 84 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	240	0-3	Med brn. sandy soil w/sandstone chips
2	3-6	170	3-12	Yel-brn. sand
3	6-9	170		
4	9-12	120		
5	12-15	60	12-15	White sandstone
6	15-18	120	15-30	Yel-brn sand w/ white sandstone chips
7	18-21	160		
8	21-24	130		
9	24-27	110		
10	27-30	140		
11	30-33	130	30-42	Grn.-brn sand
12	33-36	170		
13	36-39	260		
14	39-42	140		
15	42-45	170	42-51	Lt. Grn.-brn sd.
16	45-48	240		
17	48-51	150		
18	51-54	160	51-81	Med. to dk. brn. sand
19	54-57	110		
20	57-60	100		

596043

AUGER HOLE REPORT

NO. 60 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63			
22	63-66			
23	66-69			
24	69-72			
25	72-75			
26	75-78			
27	78-81			
28	81-84		81-84	Gry.-brn Cly-sand
28 samples			Remarks: Water table at 30 feet	

92

596044

AUGER HOLE REPORT

NO. 61

LOCATION KARA NORTH

DATE February 5, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	280	0-6	Rd-brn hematitic soil
2	3-6	260		
3	6-9	330	6-9	Lt Rd-brn hematitic soil
4	9-12	260	9-24	Brn-Gry Clay w/ hem. pebbles
5	12-15	210		
6	15-18	180		
7	18-21	170		
8	21-24	170		
9	24-27	160	24-30	Brn-Gry Clay w/ abun. Red-Yel
10	27-30	100		skarny sand.
11	30-33	80	30-36	Brn-Gry Clay
12	33-36	40		
13	36-39	<20	36-39	Brn-Gry Clay w/ qtz pebbles
14	39-42	90	39-57	Lt. gry. clay w/ qtz pebbles ! fldspar y'sh
15	42-45	40		
16	45-48	30		
17	48-51	60		Weathered granite ?
18	51-54	20		
19	54-57	<20		
20	57-60	<20	57-75	Very Lt. brn. Clay sludge w/coarse sd.

043

596045

AUGER HOLE REPORT

NO. 61 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	30		
22	63-66	20		
23	66-69	40		
24	69-72	20		
25	72-75	20		
26	75-78	50	75-90	Lt brn sludge w/ fine gr. sand
27	78-81	<20		
28	81-84	<20		
29	84-87	30		
30	87-90	40		
30 samples			Remarks:	Water table at 57 feet
				Ran out of rods at 90 feet
				Weathered granite from 39 feet

044

596046

AUGER HOLE REPORT

NO. 62

LOCATION Kara North

DATE February 7, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	270	0-6	Gry basaltic soil
2	3-6	250		
3	6-9	300	6-14	Med brn. basaltic soil
4	9-12	270		
5	12-15	50		
6	15-18	110	14-30	Dk brn. clayey soil w/ large
7	18-21	30		Yel-brn pebbles (skarn?)
8	21-24	30		
9	24-27	<20		
10	27-30	<20		
11	30-33	20	30-90	Dk brn to Lt brn. basalt sludge
12	33-36	<20		
13	36-39	30		
14	39-42	30		
15	42-45	40		
16	45-48	50		
17	48-51	50		
18	51-54	40		
19	54-57	20		
20	57-60	<20		

J45

596047

AUGER HOLE REPORT

NO. 62 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	30		
23	66-69	<20		
24	69-72	<20		
25	72-75	30		
26	75-78	40		
27	78-81	<20		
28	81-84	<20		
29	84-87	<20		
30	87-90	30		
30 samples			Remarks:	Water table at 30 feet
				Ran out of rods at 90 feet

46

596048

AUGER HOLE REPORT

NO. 63

LOCATION Kara North

DATE February 7, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 14 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	200	0-3	Rd-brn soil
2	3-6	150	3-12	Grn-brn sand
3	6-9	130		
4	9-12	120		
5	12-14	120	12-14	Grn-brn sand w/ pebbles
BHS 6	14	<20	14	White-Tan pebble alluvium
6 samples			Remarks:	Water table at 3 feet
				Hard rock at 14 feet

47

596049

AUGER HOLE REPORT

NO. 64

LOCATION Kara North

DATE February 7, 1974

PROJECT EI 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 9 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	120	0-9	Gry-brn sd-cl w/ pebbles
2	3-6	110		
3	6-9	150		
BHS 4	9	110		
4 samples			Remarks:	Water table at 2 feet
				Hit alluvium at 9 feet

48

596050

AUGER HOLE REPORT

NO. 65

LOCATION KARA NORTH

DATE February 7, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 6 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Lt gry. alluvium
2	3-6	<20		
3	6	20		
3 samples				

596051

AUGER HOLE REPORT

NO. 66

LOCATION KARA NORTH

DATE February 7, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 6 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	20	0-6	lt. Gry allavium
2	3-6	20		
BHS 3	C	20		
3 samples				

5/

596052

AUGER HOLE REPORT

NO. 67

LOCATION Rara North

DATE February 12, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Lt. Rd-brn. basaltic soil
2	3-6	<20		
3	6-9	30	6-24	Med dk-brn basaltic clay
4	9-12	40		
5	12-15	30		
6	15-18	40		
7	18-21	70		
8	21-24	40		
9	24-27	60	24-81	Dk brn basalt (weathered)
10	27-30	50		
11	30-33	60		
12	33-36	60		
13	36-39	<20		
14	39-42	40		
15	42-45	70		
16	45-48	90		
17	48-51	60		
18	51-54	40		
19	54-57	80		
20	57-60	110		

051

596053

AUGER HOLE REPORT

NO. 67 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	70		
22	63-66	80		
23	66-69	110		
24	69-72	120		
25	72-75	80		
26	75-78	110		
27	78-81	70	81	
NS	81-84	-	81-87	No recovery
NS	84-87	-		
28	87-90	<20	87-90	Black magnetite
28 samples			Remarks:	Water table at 24 feet
				Ran out of rods at 90 feet

052

596054

AUGER HOLE REPORT

NO. 68

LOCATION Kara North

DATE February 12, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 8 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-8	Basaltic soil w/ solid basalt
2	3-6	<20		at 8 feet
3	6-8	<20		
BHS 4	8	20		
4 samples			Remarks:	Did not reach water table.
				Hard rock at 8 feet

28

596055

AUGER HOLE REPORT

NO. 69

LOCATION KARA NORTH

DATE February 12, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	40	0-18	Rd-brn basaltic soil
2	3-6	40		
3	6-9	<20		
4	9-12	<20		
5	12-15	20		
6	15-18	20		
7	18-21	<20	18-24	Lt. brn. weathered basalt
8	21-24	30		
9	24-27	<20	24-33	Med brn weathered basalt w/
10	27-30	20		quartz pebbles
11	30-33	50		
12	33-36	40	33-90	Med brn. basalt sludge
13	36-39	40		
14	39-42	60		
15	42-45	60		
16	45-48	80		
17	48-51	70		
18	51-54	80		
19	54-57	50		
20	57-60	30		

54

596056

AUGER HOLE REPORT

NO. 69 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	90		
22	63-66	90		
23	66-69	40		
24	69-72	100		
25	72-75	50		
26	75-78	20		
27	78-81	60		
28	81-84	90		
29	84-87	80		
30	87-90	40		
30 samples			Remarks: Water table at 33 feet	
				Ran out of rods at 90 feet

J55

596057

AUGER HOLE REPORT

NO. 70

LOCATION Kara North

DATE February 12, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Lt brn weathered granitic soil
2	3-6	<20		
3	6-9	<20	6-21	Lt pk.-brn weathered granite
4	9-12	<20		coarsely crystalline
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20	21-33	Lt tan-Gry weathered coarsely
9	24-27	<20		crystalline granite
10	27-30	<20		
11	30-33	<20		
12	33-36	<20	33-90	Fine-med crystalline granite
13	36-39	<20		
14	39-42	<20		
15	42-45	<20		
16	45-48	<20		
17	48-51	<20		
18	51-54	<20		
19	54-57	<20		
20	57-60	<20		

596058

AUGER HOLE REPORT

NO. 70 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	<20		
23	66-69	<20		
24	69-72	<20		
25	72-75	<20		
26	75-78	<20		
27	78-81	<20		
28	81-84	<20		
29	84-87	<20		
30	87-90	<20		
30 samples			Remarks:	Water table at 6 feet
				Ran out of rods at 90 feet

57/

596059

AUGER HOLE REPORT

NO. 71

LOCATION KARA NORTH

DATE February 12, 1974

PROJECT EL 17 /68

DRILLER Peter McCormick

TOTAL DEPTH 90 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-12	Med brn basaltic soil
2	3-6	<20		
3	6-9	<20		
4	9-12	<20		
5	12-15	<20	12-18	Lt. brn coarselly crystallme granite
6	15-18	<20		
7	18-21	<20	18-30	Brn-Pk medium crystalline granite
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20	30-42	Lt Pk med. crystalline granite
12	33-36	<20.		
13	36-39	<20		
14	39-42	30		
15	42-45	<20		
16	45-48	<20		
17	48-51	<20		
18	51-54	<20		
19	54-57	<20		
20	57-60	<20	57-90	Lt Pink fine crystallme granite

596060

NO. 71 cont'd

AUGER HOLE REPORT

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63			
22	63-66			
23	66-69			
24	69-72			
25	72-75			
26	75-78			
27	78-81			
28	81-84			
29	84-87			
30	87-90			
30 samples			Remarks:	Water table at 30 feet
				Ran out of rods at 90 feet.

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596061

AUGER HOLE REPORT

NO. 72

LOCATION Kara North

DATE February 12, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 90 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-6	Rd-brn basaltic soil
2	3-6	<20		
3	6-9	<20	6-15	Dk Gry-blk Clay, some magnetite
4	9-12	110		pebs & qtz pebs.
5	12-15	160		
6	15-18	160	15-27	Dk brn. clay w/ Yel-brn skarn
7	18-21	110		chips
8	21-24	80		
9	24-27	150		
10	27-30	90	27-51	Med brn clay sludge
11	30-33	100		
12	33-36	70		
13	36-39	90		
14	39-42	110		
15	42-45	100		
16	45-48	100		
17	48-51	90		
18	51-54	100	51-90	Lt brn clay sludge
19	54-57	90		
20	57-60	110		

596062

AUGER HOLE REPORT

NO. 72 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	110		
22	63-66	110		
23	66-69	100		
24	69-72	120		
25	72-75	140		
26	75-78	130		
27	78-81	150		
28	81-84	140		
29	84-87	170		
30	87-90	160		
BHS 31	90	60	90	Brn sticky clay w/ lt gry patches
31 samples			Remarks:	Water table at 27 feet
				Ran out of rods at 90 feet

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596063

AUGER HOLE REPORT

NO. 73

LOCATION Kara North

DATE February 13, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 78 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-3	Rd-brn basaltic soil
2	3-6	<20	3-24	Med brn. basalt
3	6-9	<20		
4	9-12	<20		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20		
9	24-27	50	24-39	Grn-Brn sludge (basalt?)
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20	39-54	Grn-Brn Clayey sludge w/some
15	42-45	<20		chips of hematite
16	45-48	<20		
17	48-51	60		
18	51-54	20		
19	54-57	50	54-78	Dk Grn-brn Clayey sludge
20	57-60	80		

596064

AUGER HOLE REPORT

NO. 73 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	70		
22	63-66	70		
23	66-69	50		
24	69-72	40		
25	72-75	50		
26	75-78	50		
BHS 27	78	<20		
27 samples			Remarks: Water table at 24 feet	
				Ran out of rods at 78 feet

93

596065

AUGER HOLE REPORT

NO. 74

LOCATION KARA NORTH

DATE February 13, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 78 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-3	Rd-brn basaltic soil
2	3-6	<20	3-9	Med brn weathered basalt
3	6-9	<20		
4	9-12	<20	9-12	Lt brn weathered basalt
5	12-15	<20	12-39	Lt brn-pink weathered med. crystalline
6	15-18	<20		granite
7	18-21	30		
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20	39-51	Tan weathered granite
15	42-45	<20		
16	45-48	<20		
17	48-51	20		
18	51-54	<20	51-90	V. Lt. tan weathered granite
19	54-57	<20		
20	57-60	<20		

64

596066

AUGER HOLE REPORT

NO. 74 cont'd

LOCATION Kara North

DATE February 13, 1974

PROJECT

DRILLER Peter Mcormick

TOTAL DEPTH 78 feet

SAMPLER Jimmy Smith

DESCRIPTION BY

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	<20		
23	66-69	<20		
24	69-72	<20		
25	72-75	<20		
26	75-78	<20		
BHS 27	78	<20		
27 samples			Remarks:	Water table at 15 feet?
				Ran out of rods at 78 feet

5

596067

AUGER HOLE REPORT

NO. 75

LOCATION: KARA NORTH

DATE: February 13, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 48 feet

SAMPLER: Reg Miller

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	8680	0-12	Brn weathered magnetite skarn
2	3-6	4290		
3	6-9	6720		
4	9-12	4500		
5	12-15	3410	12-27	Brn weathered diopside-garnet skarn
6	15-18	4920		
7	18-21	1940		
8	21-24	1600		
9	24-27	1620		
10	27-30	1870	27-45	Brn diopside skarn
11	30-33	1480		
12	33-36	1250		
13	36-39	1040		
14	39-42	1090		
15	42-45	1080		
16	45-48	1980	45-48	Gry-brn. garnet-diopside skarn
BHS 17	48	2200	48	Grn amphibole (actinolite?) skarn
17 samples			Remarks:	Hit hard rock at 48 feet
				Water table at 27 feet

596068

AUGER HOLE REPORT

NO. 76

LOCATION: KARA NORTH

DATE: February 14, 1971

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 57 feet

SAMPLER: Reg Miller

DESCRIPTION BY: D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	8640	0-3	Weathered magnetite skarn
2	3-6	7500	3-9	Diopside magnetite skarn
3	6-9	5890		
4	9-12	6330	9-15	Mottled brn. weathered diopside skarn
5	12-15	6020		
6	15-18	4140	15-48	Magnetite skarn w/ some diopside-garnet
7	18-21	3570		
8	21-24	2080		
9	24-27	1390		
10	27-30	1260		
11	30-33	1500		
12	33-36	960		
13	36-39	1000		
14	39-42	860		
15	42-45	930		
16	45-48	1210		
17	48-51	1500	48-54	Grn-brn diopside-garnet tactite
18	51-54	1040		
19	54-57	1170	54-57	Grn amphibolite-diopside tactite
BHS 20	57	1090		

20 samples

Remarks: Water table at 42 feet
Hard rock at 57 feet

596069

AUGER HOLE REPORT

NO. 77

LOCATION: KARA NORTH

DATE: February 14, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 30 feet

SAMPLER: Reg Miller

DESCRIPTION BY: D. R. Kruge

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	220	8-21	Brn.-Pk medium crystalline
2	3-6	5070		granite
3	6-9	240		
4	9-12	90		
5	12-15	260		
6	15-18	40		
7	18-21	50		
8	21-24	60	21-30	Brn sand w/pink granite chips
9	24-27	50		
10	27-30	40		
BHS 11	30	40	30	Granite
11 samples			Remarks:	Didn't reach water table
				Hard rock at 30 feet

168

596070

AUGER HOLE REPORT

NO. 78

LOCATION KARA NORTH

DATE February 14, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 78 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	240	0-6	Brn. basaltic soil
2	3-6	200		
3	6-9	50	6-12	Lt. Pk-brn weathered granite
4	9-12	70		
5	12-15	80	12-21	Pink granite
6	15-18	40		
7	18-21	40		
8	21-24	40	21-24	Lt Pk-brn granite
9	24-27	20	24-39	Lt brn. granite
10	27-30	<20		
11	30-33	<20		
12	33-36	20		
13	36-39	<20		
14	39-42	<20	39-54	Lt. gry granite
15	42-45	<20		
16	45-48	<20		
17	48-51	30		
18	51-54	<20		
19	54-57	<20	54-78	Tan sludge - granite
20	57-60	<20		

596071

NO. 78 cont'd

AUGER HOLE REPORT

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	30		
23	66-69	30		
24	69-72	<20		
25	72-75	30		
26	75-78	<20		
26 samples			Remarks:	Water table at 54 feet
				Hard rock at 78 feet

570

596072

AUGER HOLE REPORT

NO. 79

LOCATION Track to KARA NORTH

DATE February 15, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 84 feet

SAMPLER Reg Miller

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-12	lt Pk-brn sandy soil
2	3-6	20		
3	6-9	<20		
4	9-12	<20		
5	12-15	<20	12-21	Lt brn sd-cl w/ pebble conglomerate
6	15-18	20		(rounded tan pebbles).
7	18-21	30		
8	21-24	<20	21-24	Med brn. quartzite pebble cong.
9	24-27	130	24-27	Dk gry weathered mag. w/ quartzite pebs.
10	27-30	250	27-30	Black Magnetite
11	30-33	300	30-63	Dk brn sludge - skarn?
12	33-36	210		
13	36-39	230		
14	39-42	170		
15	42-45	150		
16	45-48	140		
17	48-51			
18	51-54			
19	54-57			
20	57-60			

571

596073

AUGER HOLE REPORT

NO. 79 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63			
22	63-66		63-84	Med brn sludge - skarn?
23	66-69			
24	69-72			
25	72-75			
26	75-78			
27	78-81			
28	81-84			
BHS 29	84			
29 samples			Remarks:	Water table at 30 feet
				Hard rock at 84 feet

,72

596074

AUGER HOLE REPORT

NO. 80

LOCATION Track South of Kara North

DATE February 18, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 12 feet

SAMPLER Reg Miller

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-12	Medium brn sandy soil with
2	3-6	<20		pebbles of conglomerate (river
3	6-9	<20		alluvium)
4	9-12	<20		
4 samples			Remarks:	Hard rock at 12 feet
				Tryed three time to get down

173

596075

AUGER HOLE REPORT

NO. 81

LOCATION: TRACK SOUTH OF KARA NORTH

DATE: February 18, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 36 feet

SAMPLER: Reg Miller

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-3	Rd-brn sandy soil
2	3-6	<20	3-12	Lt Rd-brn sandy soil w/ rounded
3	6-9	<20		sandstone pebbles
4	9-12	<20		
5	12-15	30	12-15	Med. brn. med. grain sand (weathered granite)
6	15-18	40	15-24	Lt. Pink weathered granite w/ iron
7	18-21	20		replacement in Quartz matrix
8	21-24	30		
9	24-27	<20	24-36	Medium brn. weathered granite
10	27-30	<20		
11	30-33	<20		
12	33-36	30		
BHS 13	36	30	36	Granite chips
13 samples			Remarks:	Didn't reach water table
				Hard rock at 36 feet

596076

AUGER HOLE REPORT

NO. 82

LOCATION: KARA JUNCTION

DATE: February 19, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 12 feet

SAMPLER: Jimmy Smith

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
BHS 1	12		0-12	Mixed gravel (river alluvium)
1 sample			Remarks:	Hard drilling through gravel stopped hole at 12 feet

075

596077

AUGER HOLE REPORT

NO. 83

LOCATION KARA ~~ELOS~~ JUNCTION

DATE February 19, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 45 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. KRUGER

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20		
2	3-6	<20		
3	6-9	30		
4	9-12	<20		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20		
15	42-45	<20		
15 samples			Remarks: Didn't have a chance to log hole but the whole hole consisted of Black magnetite	

10

596078

AUGER HOLE REPORT

NO. 84

LOCATION Kara Junction

DATE February 19, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 48 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	60		
2	3-6	30		
3	6-9	120		
4	9-12	90		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20		
15	42-45	<20		
16	45-46	<20		
BHS 17	46	120		
17 samples			Remarks: Didn't have a chance to log hole before they were destroyed	

596079

AUGER HOLE REPORT

NO. 85

LOCATION KARA JUNCTION

DATE February 19, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 29 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	110		
2	3-6	110		
3	6-9	<20		
4	9-12	<20		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20		
9	24-27	<20		
10	27-29	<20		
BHS 11	29	<20		
11 samples			Remarks: Didnt have a chance to log hole before they were destroyed	

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596080

AUGER HOLE REPORT

NO. 86

LOCATION: KARA CLOSURE

DATE: February 20, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 39 feet

SAMPLER: Jimmy Smith

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	1220	0-18	Rd-brn. hematitic soil w/ hem. &
2	3-6	1120		mag. pebbles
3	6-9	1170		
4	9-12	1120		
5	12-15	1080		
6	15-18	1110		
7	18-21	900	18-24	Gry-Rd-brn hematitic soil w/
8	21-24	890		abundant magnetite pebbles
9	24-27	1210	24-30	Gry-brn Clay w/ Yel-brn magnetite
10	27-30	870		skarn chips
11	30-33	490	30-36	Grn-brn Clay w/ Lt. Grn. amphibole
12	33-36	450		carrying disseminated magnetite
13	36-39	330	36-39	Grn-brn clay w/ Lt. brn weathered
				diopside-actinolite tactite chips
13 samples			Remarks:	Didn't reach water table
				Hard rock at 39 feet but no chips

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596081

AUGER HOLE REPORT

NO. 87

LOCATION KARA CLOSURE

DATE February 20, 1974

PROJECT EL 17/68

DRILLER Peter Mccormick

TOTAL DEPTH 50 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	780	0-9	Rd-brn hematitic soil
2	3-6	850		
3	6-9	770		
4	9-12	340	9-15	Med brn Clay w/ magnetite chips
5	12-15	280		& magnetite skarn chips
6	15-18	350	15-27	Grn-brn clay w/ mag. & mag skarn
7	18-21	500		chips
8	21-24	280		
9	24-27	270		
10	27-30	200	27-50	Lt Grn clay with.....
11	30-33	180		27-33 Grn weath. diop.-trem. skarn
12	33-36	140		33-36 Same as above w/ fresh qtz-garnet
13	36-39	220		36-50 qtz-mag-trem. tactite
14	39-42	190		
15	42-45	150		
16	45-48	260		
17	48-50	190		
BHS 18	50	180		
18 samples			Remarks:	Hard rock at 50 feet
				Didn't reach water table

80/

596082

AUGER HOLE REPORT

NO. 88

LOCATION: KARA CLOSURE

DATE: February 20, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 83 feet

SAMPLER: Jimmy Smith

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	490	0-6	Lt Rd-brn hematitic soil
2	3-6	330		
3	6-9	120	6-9	Med brn clay-weathered basalt
4	9-12	270	9-15	Gry-Grn clay w/ Yel-brn weathered
5	12-15	140		basalt chips and black goerthite
6	15-18	80	15-18	Grn. clay, weathered Ta.
7	18-21	100	18-24	Grn-brn sandy clay
8	21-24	240		
9	24-27	170	24-30	Brn. clay
10	27-30	180		
11	30-33	40	30-48	Sticky Med brn sludge
12	33-36	40		
13	36-39	40		
14	39-42	<20		
15	42-45	<20		
16	45-48	<20		
17	48-51	<20	48-83	Lt. brn fluid sludge. Granite?
18	51-54	<20		
19	54-57	<20		
20	57-60	<20		

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596083

AUGER HOLE REPORT

NO. 88 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	<20		
23	66-69	40		
24	69-72	–		
25	72-75	<20		
26	75-78	40		
27	78-81	30		
28	81-83	40		
BHS 29	83	90		
29 samples			Remarks:	Water table at 30 feet
				Hard rock at 83 feet

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596084

AUGER HOLE REPORT

NO. 89

LOCATION Kara Closure

DATE February 20, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 19 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	350	0-6	Rd-brn hematitic & basaltic soil
2	3-6	320		
3	6-9	240	6-19	Grn-brn weathered basalt
4	9-12	90		
5	12-15	80		
6	15-18	100		
7	18-19	120		
BHS 8	19	<20	19	Basalt
8	samples		Remarks:	Didn't reach water table
				Hard rock at 19 feet

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596085

AUGER HOLE REPORT

NO. 90

LOCATION KARA CLOSURE

DATE February 21, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 46 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D.R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	380	0-6	Lt Med brn. basaltic soil
2	3-6	110		
3	6-9	110	6-20	Med. brn weathered basalt
4	9-12	<20		
5	12-15	<20		
6	15-18	<20		
7	18-21	<20	20-46	Dk brn weathered basalt-sludge
8	21-24	40		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20		
15	42-45	<20		
16	45-46	70		
BHS 17	46	40	46	Gry resistant basalt
17 samples			Remarks: Water table at 20 feet	
			Hard rock at 46 feet	

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596086

AUGER HOLE REPORT

NO. 91

LOCATION KARA CLOSURE

DATE February 21, 1974

PROJECT EL17/68

DRILLER Peter Mcormick

TOTAL DEPTH 37 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	300	0-9	Mixed qtz, magnetite and basaltic
2	3-6	110		soil (Gry-brn)
3	6-9	160		
4	9-12	50	9-18	Med brn basalt (weathered)
5	12-15	<20		
6	15-18	<20		
7	18-21	<20	18-33	Dk brn weathered basalt
8	21-24	<20		
9	24-27	<20		
10	27-30	<20		
11	30-33	<20		
12	33-36	<20	33-37	Lt brn. basal? basalt
13	36-37	<20		
13 samples			Remarks:	Water table at 18 feet
				Hard rock at 37 feet

596087

AUGER HOLE REPORT

NO. 92

LOCATION Kara Closure

DATE February 21, 1974

PROJECT EI 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 114 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	80	0-9	Rd-brn basaltic soil
2	3-6	<20		
3	6-9	<20		
4	9-12	<20	9-24	Med brn weathered basalt
5	12-15	<20		
6	15-18	<20		
7	18-21	20		
8	21-24	<20		
9	24-27	<20	24-36	Med brn weathered Clayey basalt
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20	36-45	Grn-brn weathered basalt
14	39-42	<20		
15	42-45	<20		
16	45-48	<20	45-75	Bright brn. weathered basalt sludge
17	48-51	<20		
18	51-54	<20		
19	54-57	<20		
20	57-60	<20		

596088

AUGER HOLE REPORT

NO. 92 cont'd

LOCATION _____ DATE February 21, 1974

PROJECT _____ DRILLER _____

TOTAL DEPTH 114 feet SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	<20		
22	63-66	<20		
23	66-69	<20		
24	69-72	<20		
25	72-75	<20		
26	75-78	<20	75-105	Med brn. sludge - weathered basalt
27	78-81	<20		
28	81-84	<20		
29	84-87	<20		
30	87-90	<20		
31	90-93	<20		
32	93-96	<20		
33	96-99	<20		
34	99-102	<20		
35	102-105	<20		
36	105-108	<20	105-114	Lt brn sludge - basal basalt
37	108-111	<20		
38	111-114	<20		
BHS 39	114	30	114	Lt tan weathered granite
39 Samples			Remarks: Water table at 45 feet	

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596089

AUGER HOLE REPORT

NO. 93

LOCATION Kara Closure

DATE February 21, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 63 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	<20	0-9	Gry-brn basaltic soil
2	3-6	<20		
3	6-9	<20		
4	9-12	<20	9-21	Dk-brn weathered basalt
5	12-15	<20		
6	15-18	<20		
7	18-21	<20		
8	21-24	<20	21-24	Dk Gry-brn clay-weath. basalt
9	24-27	<20	24-39	Dk brn clay - weath. basalt
10	27-30	<20		
11	30-33	<20		
12	33-36	<20		
13	36-39	<20		
14	39-42	<20	39-51	Brn-Gry Clay sludge-weath. basalt
15	42-45	<20		
16	45-48	<20		
17	48-51	<20		
18	51-54	<20	51-57	Med brn clay sludge w/weathered
19	54-57	50		skarn chips
20	57-60	40	57-63	Lt tan fine grain sand

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596090

AUGER HOLE REPORT

NO. 93 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	40		
BHS 22	63	110	63	Lt tan weathered coarsely crystalline granite
22 samples			Remarks:	Water table at 39 feet Hard rock at 63 feet

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596091

AUGER HOLE REPORT

NO. 94

LOCATION Kara Closure

DATE February 22, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 82 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	330	0-3	Lt Brn basaltic soil
2	3-6	320	3-9	Med. brn skarn soil
3	6-9	540		
4	9-12	160	9-39	Grn-brn clay w/ Rd-brn magnetite
5	12-15	160		skarn chips
6	15-18	130		
7	18-21	1300		
8	21-24	580		
9	24-27	260		
10	27-30	160		
11	30-33	300		
12	33-36	260		
13	36-39	600		
14	39-42	170	39-45	Med Grn.-brn sludge
15	42-45	200		
16	45-48	160	45-63	Med brn. sludge - not gritty
17	48-51	140		
18	51-54	150		
19	54-57	120		
20	57-60	70		

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596092

AUGER HOLE REPORT

NO. 94 cont'd

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
21	60-63	50		
22	63-66	40	63-82	Lt. tan sludge - gritty
23	66-69	50		
24	69-72	70		
25	72-75	40		
26	75-78	40		
27	78-81	60		
28	81-82	70		
BHS 29	82	380	82	Weathered white to pinkish med. cry. granite
29 samples			Remarks:	Water table at 39 feet
				Hard rock at 82 feet

51

596093

AUGER HOLE REPORT

NO. 95

LOCATION KABA CLOSURE

DATE February 22, 1974

PROJECT EL 17/68

DRILLER Peter Mcormick

TOTAL DEPTH 8 feet

SAMPLER Jimmy Smith

DESCRIPTION BY D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	1700	0-9	Grn-brn weathered skarn w/ Rd-brn
2	3-6	1500		chips probably diop.-actinolite-mag. skarn
3	6-8	910		
3 samples			Remarks:	Tried three times but hit hard
				rock each time

596094

AUGER HOLE REPORT

NO. 96

LOCATION: KARA CLOSURE

DATE: February 22, 1974

PROJECT: EL 17/68

DRILLER: Peter Mcormick

TOTAL DEPTH: 42 feet

SAMPLER: Jimmy Smith

DESCRIPTION BY: D. R. Kruger

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description
1	0-3	50	0-6	Black magnetite skarn
2	3-6	270		
3	6-9	110	6-36	Grn-brn clay-sludge w/ Rd-brn
4	9-12	160		weathered skarn and goethite chips
5	12-15	170		
6	15-18	250		
7	18-21	330		
8	21-24	130		
9	24-27	210		
10	27-30	270		
11	30-33	300		
12	33-36	290		
13	36-39	390	36-42	Same as above but bright brown
14	39-42	370		
BHS 15	42	460		
15 samples			Remarks:	Water table at 6 feet
				Hard rock at 42 feet

583

596095

AUGER HOLE REPORT

HOLES NOS. 97, 98A, 99B, 100B

LOCATION KARA NO.1 EAST LIMB DATE March 1974

PROJECT E.L. 17/68 DRILLER P. McCormick

TOTAL DEPTH 97-11', 98A-14', 99B-11', 100B-15' SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		Scheelite	PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description		
HOLE 97	0-3'	580	0-6'	Brown clay soil with frags	Few specks	
	6'	460		M x Ta.		
	9'	590	6'-9'	Mostly M.	Nil	
	11'	1000	9'-11'	All M.	Nil	
	B.H.S.	2000	11'	Hard magnetite		
HOLE 98A	0-3'	4500	0-6'	Dark soil with much M	Scat. specks	0.57%
	6'	1.33%			Good 0.5+	1.68%
	9'	3190	6'-14'	M with some clay and	Mod.	0.39%
	12'	5160		frags fresh Ta.	0.2-0.5	0.68%
	14'	2970	14'	Hard magnetite		0.5%
HOLE 99B	0-3'	540	0-9'	Dark soil with much M	Weak	
	6'	390		& some frags Ta.	Sparse	
	9'	390				
	11'	140	9'-11'	Mostly M	Scat. Specks.	
HOLE 100B	0-3'	190	0-9'	Dark brown clay soil with	Nil	
	6'	150		frags M & Ta.		
	9'	60				
	12'	90	9-15'	Black clay with much M	Few specks	
	15'	130	15'	Hard magnetite.		

034

596096

AUGER HOLE REPORT

HOLE NO. 101

LOCATION KARA NO. 1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 33 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0 – 3′	620	0 – 21′	Dark brown to black clay with	
	6′	300		fine M and some M′ frags.	
	9′	350			
	12′	560			
	15′	430			
	18′	1400			
	21′	1080			
	24′	540	21′–33′	Brown clay sludge with occas.	
	27′	160		frags M.	
	30′	170			
	33′	140			
	B.H.S.	90	33′	Stiff clay with M.	

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596097

AUGER HOLE REPORT

HOLE NO. 102

LOCATION KARA NO. 1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 26 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0-3'	120	0-21'	Dark brown clay with scat.	
	6'	280		frags M and occas. grains qtz.	
	9'	130		Mostly Ta but may be	
	12'	150		basaltic at top.	
	15'	220			
	18'	250			
	21'	220			
	24'	230	21'-26'	Dark brown clay sludge	
	26'	<20			
	B.H.S.	<20	26'	Stiff clay with M.	

596098

AUGER HOLE REPORT

HOLE NO. 103

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 28 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0-3'	90	0-28'	Soft black clayey material,	<20
	6'	210		probably carbonaceous deposit	250
	9'	70		under basalt.	<20
	12'	<20			<100
	15'	<20			<900
	18'	<20			<20
	21'	<20			<200
	24'	<20			<20
	27'	<20			<300
	28'	<20			<600
	B.H.S.	<20	28'	Hard rock.	<20

596099

AUGER HOLE REPORT

HOLE NO. 104

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 30 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0 - 3'	750	0 - 9'	Brown clay soil with some frags	1125
	6'	780		weathered Ta.	900
	9'	680			500
	12'	450	9' - 27'	Dark brown clay sludge	500
	15'	270			625
	18'	240			<1400
	21'	270			<400
	24'	340			<1000
	27'	330			1500
	30'	610	27' - 30'	Brown clay sludge with M.	1000
	B.H.S.	50	30'	Hard magnetite.	250

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596100

AUGER HOLE REPORT

HOLE NO. 105

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 33 feet

SAMPLER J. Smith

DESCRIPTION BY R.J.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0 - 3'	990	0 - 6'	Dark brown clay soil with	< 2700
	6'	960		frags M.	< 3000
	9'	1010	6' - 15'	Light brown clay sludge	3700
	12'	760			2500
	15'	660			3600
	18'	560	15' - 33'	Dark brown clay sludge	2700
	21'	370		with frags M.	2500
	24'	630			2400
	27'	600			1700
	30'	700			2900
	33'	600			2500
	B.H.S.	< 20	33'	Hard magnetite.	2300

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596101

106

AUGER HOLE REPORT

HOLES NOS. 107

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH Hole 106 - 26', Hole 107 - 15'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 106	0 - 3'	1060	0 - 6'	Dark brown clay soil with	2700
	6'	490		frags M.	2500
	9'	320	6' - 9'	Greenish clay (weathered Ta)	1500
	12'	1290	9' - 26'	Dark brown clay sludge	2600
	15'	1220		with M.	3500
	18'	1390			<3500
	21'	1300			3000
	24'	1310			3000
	26'	1190			2000
	B.H.S.	40	26'	Hard magnetite.	1700
HOLE 107	0 - 3'	1070	0 - 6'	Brown clay soil with frags	3500
	6'	810		weathered Ta.	2500
	9'	600	6' - 15'	Yellow-brown clay sludge	1700
	12'	670		with a few frags M.	<1700
	15'	640			2500
	B.H.S.	320	15'	Hard magnetite.	2000

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596102

AUGER HOLE REPORT

HOLES NOS. 108
109

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH Hole 108 - 22', Hole 109 - 22'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 108	0 - 3'	5500	0 - 18'	Dark brownish-black clay	7700
	6'	4610		with frags M.	5800
	9'	6020			6600
	12'	7660			1·2%
	15'	7380			9100
	18'	6520			7700
	21'	6440	18'-22'	Dark brown clay sludge	5000
	22'	2610		with frags M.	5800
	B.H.S.	270	22'	Hard magnetite.	<20
HOLE 109	0 - 3'	1180	0-3'	Dark brown clay with much M.	1900
	6'	820	3'-9'	Brown clay with few frags M.	2300
	9'	1300			2500
	12'	1750	9'-18'	Brown clay with little M.	3000
	15'	1940			3700
	18'	1520			3000
	21'	9800	18'-22'	Mostly M.	1·57%
	22'	7280			9900
	B.H.S.	780	22'	Hard magnetite.	2000

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596103

AUGER HOLE REPORT

HOLES NOS. 110, 111A, 111B

LOCATION KARA NO.1 EAST LIMB

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH Hole 110 - 14', Hole 111A - 9', Hole 111B - 14'

SAMPLER J. Smith.

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 110	0 - 3'	2420	0 - 3'	Brown clay soil with frags M x Ta.	2400
	6'	1410	3'-14'	Brownish - black clay with	1700
	9'	1250		much fine M.	1500
	12'	1990			2100
	14'	1390	14'	Hard magnetite	1800
HOLE 111A	0 - 3'	290	0 - 3'	Brown clay soil with frags Ta.	650
	6'	430	3 - 9'	Brownish black clay with fine M.	750
	9'	410	9'	Hard magnetite.	1600
HOLE 111B	0 - 3'	70	0 - 3'	Brown clay soil with frags Ta.	400
	6'	210	3'-14'	Dark brown clay with	650
	9'	270		frags M.	500
	12'	290			750
	14'	310			1900
	B.H.S.	170	14'	Hard magnetite.	2000

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596104

AUGER HOLE REPORT

HOLE NO. 112

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT E.L. 17/68 DRILLER P. McCormick

TOTAL DEPTH 47 feet SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0-3'		0-9'	Brown clay soil with grains qtz,	400
	6'			feldspar x limonite.	400
	9'			(Superficial deposits?)	500
	12'		9'-18'	Yellow-brown clay with grains	800
	15'			of qtz. (Sub-basalt deposit?)	<50
	18'				400
	21'		18'-47'	Light brown clay sludge with	200
	24'			grains of qtz and some feldspar.	<50
	27'			Probably sub-basalt deposit.	200
	30'				200
	33'				500
	36'				<50
	39'				300
	42'				<20
	45'				250
	47'				<50
	B.H.S.		47'	Hard rock, clayey sandstone.	<50

03

596105

AUGER HOLE REPORT

HOLE NO. 113

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 46 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0 - 3'		0 - 15'	Reddish-brown clay soil with	150
	6'			frags basalt.	100
	9'				400
	12'				650
	15'				750
	18'		15'-24'	Brown clay, after basalt.	300
	21'			Base of basalt at 24'	<50
	24'				400
	27'		24'-46'	Light brown clay sludge with	250
	30'			grains of qtz and feldspar.	150
	33'			Sub-basalt deposits.	250
	36'				<50
	39'				<20
	42'				200
	45'				<20
	46'				250
	B.H.S.		46'	Hard rock, sandstone.	<20

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596106

AUGER HOLE REPORT

HOLE NO. 114

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 83 feet

SAMPLER J. Smith,

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0-3'		0-6'	Brown clay soil	150
	6'				<20
	9'		6'-83'	Brown clay sludge with occas.	<20
	12'			frags basalt. Also some qtz	<20
	15'			and feldspar grains.	<20
	18'			Essentially basalt with some	<20
	21'			intercalated sedimentary	<20
	24'			material.	<20
	27'				<20
	30'				<20
	33'				<20
	36'				<20
	39'				<20
	42'				<20
	45'				150
	48'				<20
	51'				<20
	54'				<20
	57'				<20
	60'				<20
	63'				<20
	66'				<20
	69'				<20
	72'				<20
	75'				<20
	78'				<50
	81'				500
	83'				450
	B.H.S.		83'	Hard rock, probably basalt.	900

.05

596107

AUGER HOLE REPORT

HOLE NO. 115

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 84 feet

SAMPLER J. Smith.

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0 – 3'				100
	6'		0 – 15'	Brown clay soil with frags	<20
	9'				20
	12'			basalt, also some qtz & weathered	<20
	15'				20
	18'			granite. Probably superficial.	250
	21'				150
	24'		15'-84'	Brown clay sludge after	<20
	27'				150
	30'			basalt.	<20
	33'				<50
	36'				300
	39'				150
	42'				500
	45'				100
	48'				<50
	51'				<50
	54'				200
	57'				200
	60				375
	63'				<50
	66'				50
	69'				300
	72'				700
	75'				2000
	78'				1150
	81'				450
	84'				1050
	B.H.S.		84'	Hard basalt.	1650

596108

AUGER HOLE REPORT

HOLE NO. 116B

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT EL 17/68

DRILLER P. McCormick

TOTAL DEPTH 31 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0-3'		0-9'	Brown clay soil with frags	750
	6'			basalt x granite. Superficial.	1700
	9'				1850
	12'		9'-31'	Dark brown clay sludge	1650
	15'			after basalt.	1100
	18'				1100
	21'				200
	24'				200
	27'				100
	30'				400
	31'				500
	B.H.S.		31'	Hard basalt.	<50

596109

AUGER HOLE REPORT

HOLE NO. 117

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT E.L. 17/68 DRILLER P. McCormick

TOTAL DEPTH 89 feet SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	
	0 - 3'		0 - 6'	Dark brown clay soil with frags.	<50
	6'				<50
	9'			basalt & granite. Superficial.	<50
	12'				<50
	15'		6'-89	Dark brown clay sludge	<50
	18'				<50
	21'			after basalt.	300
	24'				<50
	27'				850
	30'				<50
	33'				100
	36'				600
	39'				<50
	42'				<50
	45'				<50
	48'				<50
	51'				<50
	54'				<50
	57'				<50
	60'				<50
	63'				<50
	66'				<50
	69'				1150
	72'				1750
	75'				175
	78'				50
	81'				1100
	84'				700
	87'				<50
	89'				<50
	B.H.S.		89'	Hard basalt.	<50

596110

AUGER HOLE REPORT

HOLES NOS. 118 119

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH Hole 118 - 32', Hole 119 - 24'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 118	0-3'	<20	0-12'	Dark brown clay soil with	<50
	6'	<20		frags basalt.	<50
	9'	<20			<50
	12'	<20			<50
	15'	<20	12'-32'	Dark brown clay sludge	<50
	18'	<20		after basalt	<50
	21'	<20			350
	24'	<20			1150
	27'	<20			<50
	30'	<20			<50
	32'	<20			<50
	B.H.S.	<20	32'	Hard basalt.	<50
HOLE 119	0-3'	80	0-18'	Pink clayey weathered	300
	6'	<20		granite.	<50
	9'	<20			<50
	12'	<20			<50
	15'	30			<50
	18'	<20			<50
	21'	110	18'-24'	Brown clay sludge with qtz	<50
	24'	60		grains, after granite.	<50
	B.H.S.	90	24'	Hard granite.	175

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596111 120

AUGER HOLE REPORT

HOLES NOS. 121

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT E.L. 17/68 DRILLER P. McCormick

TOTAL DEPTH HOLE 120 - 17', HOLE 121 - 34' SAMPLER J. Smith.

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 120	0-3'	60	0-12'	Brown clay soil with frags	<50
	6'	<20		basalt. Base of basalt at 12'.	<50
	9'	<20			125
	12'	<20			1300
	15'	80	12'-15'	Brown clay with frags Ta.	500
	17'	40	15'-17'	Black clay with much M.	175
			17'	Hard magnetite.	
HOLE 121	0-3'	260	0-3'	Black friable M.	350
	6'	<20	3-6'	Dark brown clay with frags M.	1400
	9'	<20	6'-34'	Dark brown clay sludge	2000
	12'	<20		with M.	1050
	15'	120			1300
	18'	40			500
	21'	40			950
	24'	<20			950
	27'	<20			700
	30'	50			1350
	33'	140			600
	34'	180			1300
	B.H.S.	70	34'	Hard magnetite.	1050

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596112

AUGER HOLE REPORT

HOLE NO. 122

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT E.L. 17/68 DRILLER P. McCormick

TOTAL DEPTH 38 feet SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0-3'	130	0-9'	Dark brown clay soil with	<50
	6'	210		frags M & weathered Ta	300
	9'	280			800
	12'	140	9'-24'	Light brown clay sludge,	550
	15'	100		after Ta	350
	18'	190			450
	21'	170			<50
	24'	150			<50
	27'	30	24'-33'	Dark brown clay with frags	<50
	30'	30		weathered Ta	<50
	33'	80			<50
	36'	<20	33'-38'	Dark brown clay sludge	<50
	38'	50			<50
	B.H.S.	<20	38'	Stiff clay & magnetite.	<50

596113

AUGER HOLE REPORT

HOLES NOS. 123A 123B ~~123C~~

LOCATION KARA CLOSURE, SECT. 117 W.

DATE March 1974

PROJECT E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 123A-20', 123B-8', 123C-7'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 123A	0-3'	70	0-20	Dark brown clay soil with	900
	6'	40		frags weathered Ta.	500
	9'	80			1100
	12'	100			500
	15'	80			900
	18'	60			800
	20'	<20			800
	B.H.S.	<20	20'	Hard tactite	2000
HOLE 123B	0-3'	<20	0-8'	Reddish-brown clayey	2100
	6'	<20		weathered Ta.	650
	8'	<20	8'	Hard tactite.	400
HOLE 123C	0-3'	<20	0-3'	Black clay with M.	700
	6'	40	3-7'	Dark brown clay with frags Ta.	1300
	7'	120	7'	Hard tactite	950

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596114

AUGER HOLE REPORT

HOLE NO. 124

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT 17/68 DRILLER P. McCormick

TOTAL DEPTH 27 feet SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
	0-3'	<20	0-12'	Dark brown clay soil with	700
	6'	<20		frags weathered Ta.	750
	9'	<20			1300
	12'	70			1050
	15'	<20	12'-27'	Dark brown clay sludge	2500
	18'	<20		with frags weathered Ta.	1500
	21'	<20			700
	24'	<20			<50
	27'	<20			<50
	B.H.S.	<20	27'	Hard tactite	<50

596115 125

AUGER HOLE REPORT

HOLES NOS 126

LOCATION KARA CLOSURE, SECT. 117 W. DATE March 1974

PROJECT 17/68 DRILLER P. McCormick

TOTAL DEPTH Hole 125 - 18', Hole 126 - 20' SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 125	0 - 3'	<20	0 - 3'	Dark brown soil.	850
	6'	<20	3'-18'	Dark brown clay sludge	<20
	9'	<20		after Ta.	600
	12'	<20			<20
	15'	<20			300
	18'	<20			350
	B.H.S.	50	18'	Hard tactite.	<20
HOLE 126	0 - 3'	<20	0-3'	Dark brown soil with frags Ta.	<100
	6'	<20	3'-9'	Dark brown to black sludge	<50
	9'	<20		with much M.	<50
	12'	<20	9'-20'	Brown clay sludge after Ta.	400
	15'	<20			400
	18'	<20			400
	20'	80	20'	Hard tactite.	<50

AUGER HOLE REPORT No. 134. 596116

LOCATION: L.13 PROSPECT. - TRENCH. A.1. DATE: MARCH. 13th 1974.

TOTAL DEPTH: 17 FEET. DRILLER: PETER McCORMICK.

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	160	0'-17' SKARN ZONE	SURFACE SKARN RUBBLE..
2	3'-6'	70		RUBBLY MAGNETITE SKARN MATERIAL
3	6'-9'	40		" " " "
4	9-12'	50		" " " "
5.	12'-15'	120		SKARN - MAGNETITE FRAGMENTS - MEDIUM BROWN COLORATION
6	15'-17'	100		" " " " " "

REMARKS:- 1) UNABLE TO PENETRATE 17' MARK DUE TO HARD GROUND.

2) WATER TABLE NOT ENCOUNTERED.

3) HOLE COLLARED 4 FEET WEST OF SURFACE SKARN/GRANITE CONTACT. DRILLING CONFIRMS EASTERLY DIP OF SKARN ZONE.

4) SAMPLES SUBMITTED FOR ANALYSIS TO McPHARS ON 18/3/74 - ASSAYS RECEIVED 21/3/74.

AUGER HOLE REPORT No. 134A

596117

LOCATION L13 PROSPECT TRENCH A1.

DATE MARCH 13th 1974

TOTAL DEPTH 13 FEET

DRILLER PETER McCORMICK.

DESCRIPTION BY C.H. WHITEHEAD.

SAMPLER JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0'-3'	140	0'-13'	RUBBLY SKARN MATERIAL. SMALL FRAGMENTS OF MAGNETITE
2	3'-6'	50		
3	6'-9'	<20		
4	9'-12'	80		
5	12'-13'	150		

REMARKS

1) HOLE POSITIONED 18" EAST OF AUGER HOLE No 134.
2) DUE TO HARD GROUND UNABLE TO PENETRATE 13 FEET.
3) NO WATER TABLE ENCOUNTERED.

596118

AUGER HOLE REPORT No. 134B.

LOCATION: L.13 PROSPECT. - TRENCH. A.1. DATE: MARCH. 13th 1974.

TOTAL DEPTH: 17 FEET. DRILLER: PETER McCORMICK.

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION		
Sample	Interval	McPHAR Assay	Footage Interval		Descriptions
1	0'-3'	30	0'-17'	SKARN ZONE.	RUBBLY MAGNETITE SKARN
2	3'-6'	20			" " "
3	6'-9'	60			" " "
4	9'-12'	140			DARK BROWN CHIPS REPRESENTING SKARN.
5	12'-15'	130			" " " " "
6	15'-17'	130			SKARN - LIGHTER IN COLOUR THAN 9'-15' SAMPLES.

REMARKS :- 1) HOLE COLLARED 3 FEET EAST OF AUGER HOLE 134.

2) UNABLE TO PENETRATE 17 FEET DUE TO HARD NATURE OF GROUND.

3) NO WATER TABLE ENCOUNTERED.

4) SAMPLES SUBMITTED TO McPHARS ON 18/3/74. - ASSAYS RECEIVED 21/3/74.

596119

AUGER HOLE REPORT No. 135

LOCATION: L.13 PROSPECT - TRENCH A.1. DATE: 13th MARCH 1974.

TOTAL DEPTH: 51 FEET. DRILLER: PETER McCORMICK.

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	1610		LIGHTISH BROWN SKARN RUBBLE.
2	3'-6'	2080		BROWN SKARN FRAGMENTS - SMALL QUANTITIES OF MAGNETITE.
3	6'-9'	2610		
4	9'-12'	1610		
5	12'-15'	1500		BROWNISH CLAY - NO MAGNETITE MATERIAL.
6	15'-18'	1660		
7	18'-21'	1630		
8	21'-24'	1170		BROWNISH CLAY, BECOMING LIGHTER IN COLOUR. STILL REPRESENTS SKARN, BUT ONLY FEW MAGNETITE PARTICLES.
9	24'-27'	1020	0'-15'	
10	27'-30'	720	SKARN ZONE.	
11	30'-33'	490		LIGHT BROWN CLAY REPRESENTING SKARN.
12	33'-36'	420		
13	36'-39'	570		
14	39'-42'	740		
15	42'-45'	630		BROWN CLAY WITH MAGNETITE PARTICLES. BECOMING DARKER IN COLOUR.
16	45'-48'	530		
17	48'-51'	590		
8	BOTTOM HOLE SAMPLE AT 51'	360.		BANDED MAGNETITE SKARN.

HOLE STOPPED - UNABLE TO PENETRATE HARD GROUND @ 51'

REMARKS - 1) HOLE COLLARED 25 FEET DUE WEST OF HOLE No 134.

2) WATER TABLE AT 19 FEET.

3) SAMPLES SUBMITTED FOR ANALYSIS TO McPHARS ON 18/3/74.

ASSAY RESULTS OBTAINED ON 21/3/74.

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596120

AUGER HOLE REPORT No. 136

LOCATION L13 PROSPECT - TRENCH A.1. DATE MARCH 13th 14th 1974

TOTAL DEPTH 29 FEET. DRILLER PETER McCORMICK.

DESCRIPTION BY C.H. WHITEHEAD. SAMPLER JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0'-3'	90		
2	3'-6'	90		RUBBLY SKARN MATERIAL, BUT ONLY A FEW FRAGMENTS OF MAGNETITE. RUBBLE BECOMES FINER IN DEPTH.
3	6'-9'	120		
4	9'-12'	140		
5	12'-15'	160	0'-29' SKARN ZONE.	
6	15'-18'	420		BROWN COLOURED CLAY ZONE.
7	18'-21'	400		
8	21'-24'	400		
9	24'-27'	690		DARK BROWN CLAY - NO FRAGMENTS OF MAGNETITE
10	27'-29'	770		
11.	BOTTOM HOLE AT 29'	670.		SKARN MATERIAL WITH MAGNETITE.

HOLE UNABLE TO PENETRATE 29 FEET DUE TO HARD GROUND.

REMARKS — 1) HOLE COLLARED - 50 FEET DUE WEST OF AUGER HOLE No 134.

2) WATER TABLE ENCOUNTERED AT 13 FEET.

3) SAMPLES SUBMITTED TO McPHARS ON 18/3/74. - ASSAYS RECEIVED ON 21/3/74.

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AUGER HOLE REPORT No. 137.

596121

LOCATION: L.13 PROSPECT - TRENCH. A.1. DATE: MARCH 14th 1974

TOTAL DEPTH: 65 FEET. DRILLER: PETER M°CORMICK.

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0'-3'	90		CLAY AND RUBBLE.
2	3'-6'	110		DARK BROWN CLAY AND LITTLE SKARN RUBBLE.
3	6'-9'	100		MEDIUM BROWN COLOURED CLAY - VERY FEW FRAGMENTS OF MAGNETITE
4	9'-12'	90		
5	12'-15'	110		
6	15'-18'	110		BROWN CLAYS
7	18'-21'	100		
	21'-24'	180		
9	24'-27'	170		
10	27'-30'	190		
11	30'-33'	530	0'-65' SKARN ZONE.	GREYISH BROWN CLAYS.
12	33'-36'	550		MEDIUM BROWN COLOURED CLAYS, BECOMING DARKER IN COLOUR WITH DEPTH. ALTERNATING HARD + SOFT BANDS.
13	36'-39'	400		
14	39'-42'	550		
15	42'-45'	490		
16	45'-48'	660		
17	48'-51'	680		
7	51'-54'	760		VERY DARK COLOURED CLAYS - PARTICLES OF MAGNETITE BECOMING MORE ABUNDANT WITH DEPTH.
19	54'-57'	780		
20	57'-60'	780		
21	60'-63'	850		
22	63'-65'	900		
23.	BOTTOM HOLE SAMPLE @ 65'.	520.		MAGNETITE SKARN MATERIAL.

HOLE UNABLE TO PENETRATE 65 FEET DUE TO EXTREMELY HARD GROUND.

121

AUGER HOLE REPORT No. ~~138~~ 596122

LOCATION 1.13 PROSPECT - TRENCH A.1. DATE MARCH 14th 1974.

TOTAL DEPTH 12 FEET DRILLER PETER McCORMICK.

DESCRIPTION BY C.H. WHITEHEAD. SAMPLER JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	390	↑	SKARN RUBBLE BECOMING DARKER IN COLOUR WITH DEPTH
2	3'-6'	1090	0'-12'	
3	6'-9'	440	SKARN.	
4	9'-12'	320		DARK BROWN CLAY REPRESENTING SKARN.
5	BOTTOM HOLE SAMPLE @ 12 FT.	320	↓	HARD MAGNETITE SKARN.

~~HOLE UNABLE TO PENETRATE 12 FEET. ATTEMPTED NEW HOLE (No. 13A) 18" TO THE EAST.~~

~~HOLE COLLARED 100 FEET DUE WEST OF AUGER HOLE No. 1~~

~~SAMPLES SUBMITTED FOR ANALYSIS AT McPHARS ON 18/3~~

ASSAYS RECEIVED ON 21/3/74.

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596123

AUGER HOLE REPORT No. 138A.

LOCATION: L.13 PROSPECT.
DATE: MARCH. 14th 1974.
TOTAL DEPTH: 58 FEET.
DRILLER: PETER McCORMICK
DESCRIPTION BY: C.H. WHITEHEAD.
SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	820		COARSE RUBBLY MAGNETITE SKARN.
2	3'-6'	150		LIGHT BROWN SKARN RUBBLE.
3	6'-9'	1390		DARK BROWN MAGNETITE SKARN.
4	9'-12'	920		MEDIUM BROWN COLOURED CLAY + RUBBLE.
5	12'-15'	940		
6	15'-18'	970		MAGNETITE SKARN – ALTERNATING BANDS
7	18'-21'	1090	0'-57' SKARN ZONE.	COARSE PARTICLES OF MAGNETITE. HEAVY + DARK COLOURED.
8	21'-24'	1060		
9	24'-27'	1120		SKARN – ~~MAGNETITE FRAGMENTS NOT QUITE AS ABUNDANT~~
10	27'-30'	1120		AS PREVIOUS FOUR SAMPLES (12'-24')
11	30'-33'	1200		SOFTER MATERIAL FOR DRILLING.
12	33'-36'	960		
13	36'-39'	790		LIGHTISH BROWN COLOURED CLAY.
14	39'-42'	580		
15	42'-45'	330		
16	45'-48'	280		
17	48'-51'	210		COARSE CLAY RUBBLE WITH FEW MAGNETITE FRAGMENTS
18	51'-54'	240		BECOMING DARKER IN COLOUR.
19	54'-57'	470		
20.	57'-58'.	430.	1 FOOT. GRANITE	PINKISH COARSE GRANITIC MATERIAL.

HOLE STOPPED DUE TO VERY HARD GROUND @ 58'.

REMARKS – 1) HOLE SITED 125' DUE WEST OF AUGER HOLE No 134.
2) WATER TABLE MET AT. 13 FEET.
3) SAMPLES SUBMITTED FOR ANALYSIS ON 18/3/74 – ASSAY

596124

AUGER HOLE REPORT No. 139

LOCATION: L.13. PROSPECT. DATE: MARCH. 14th. 1974

TOTAL DEPTH: 21 FEET. DRILLER: PETER McCORMICK.

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	250		SKARN RUBBLE WITH MAGNETITE FRAGMENTS.
2	3'-6'	290		SOFT PINKISH RED RUBBLE
3	6'-9'	280	0'-21'	REDDISH BROWN RUBBLE - CHANGES @ 10' TO BROWN RUBBLE.
4	9'-12'	240	SKARN ZONE.	
5	12'-15'	230		BROWNISH COLOURED MAGNETITE SKARN.
6	15'-18'	190		
7.	18'-21'	250.		SOFT BROWN CLAY.
				HOLE UNABLE TO PENTRATE GROUND AT 21 FEET.

REMARKS.

1) HOLE SITED 150 FEET DUE WEST OF AUGER HOLE No 134.
2) WATER TABLE MET @ 19 FEET.
3) SAMPLES SUBMITTED FOR ANALYSIS TO McPHARS ON 18/3/74. ASSAY RESULTS OBTAINED ON 21/3/74.

123

596125

AUGER HOLE REPORT No. 140

LOCATION L.13. PROSPECT. - TRENCH A1. DATE 14th MARCH 1974.

TOTAL DEPTH 15 FEET. DRILLER PETER McCORMICK.

DESCRIPTION BY C.H. WHITEHEAD. SAMPLER JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Assay	Footage Interval	Descriptions.
1	0'-3'	80	↑	
2	3'-6'	<20	15 FEET	
3	6'-9'	30	GRANITE.	Greenish pink granite chips.
4	9'-12'	60		
5	12'-15'	40	↓	
				HOLE NOT COMPLETED.

24

596126

AUGER HOLE REPORT No. 141.

LOCATION: L-13 PROSPECT TRENCH B1. DATE: 27th MARCH 1974

TOTAL DEPTH: 56 FEET DRILLER: PETER McCORMICK

DESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: JIM SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Assay	Footage Interval	Descriptions
1	0' - 3'	<20		Weathered decomposed granitic rubble - pinkish red colour
2	3' - 6'	<20		" " " " " " "
3	6' - 9'	"		" " " " - Becoming lighter in colour.
4	9' - 12'	"		
5	12' - 15'	"		
6	15' - 18'	"		
7	18' - 21'	"		
8	21' - 24'	"		Granitic rubble - greyish coloured cuts
9	24' - 27'	"		
10	27' - 30'	"	0' - 56' GRANITE.	
11	30' - 33'	"		
12	33' - 36'	"		
13	36' - 39'	"		
14	39' - 42'	"		
15	42' - 45'	20		
16	45' - 48'	<20		Granitic rubble - quite coarse, cream colouration.
17	48' - 51'	<20		
18	51' - 54'	<20		
19	54' - 56'	<20		
20.	BOTTOM HOLE SAMPLE AT 56 FEET			

Hard ground at 56 feet.

Samples submitted to McPhars for analysis on 29/3/74

596127

AUGER HOLE REPORT No. 142

LOCATION: L-13 PROSPECT - TRENCH B1 DATE: 27th MARCH 1974.

TOTAL DEPTH: 29 FEET. DRILLER: PETER McCORMICK

DESCRIPTION BY: CH WHITEHEAD. SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	<20		Greyish coloured rubble and clays
2	3'-6'	20	12 FEET CLAYS	Greyish coloured clays.
3	6'-9'	40		" " "
4	9'-12'	50		Greyish pink clays
5	12'-15'	350		Dark grey rubble + clays impregnated with iron - represents skarn zone
6	15'-18'	190	SKARN ZONE. 9 FEET.	" " " " " "
7	18'-21'	120		" " " " " "
8	21'-24'	20	6 FEET CONTACT ZONE	Contact zone - dark grey rubble to granite material
9	24'-27'	<20		" " "
10	27'-29'	20	2 FEET GRANITE.	Granite material - light grey colouration
11	BOTTOM HOLE SAMPLE @ 29'	<20		" "

Hard ground @ 29 feet.

Samples submitted for analysis to McPhar on 29/3/74.

596128

AUGER HOLE REPORT No. 143

LOCATION: L13 PROSPECT - TRENCH B2 DATE: 28th MARCH 1974

TOTAL DEPTH: 48 FEET DRILLER: PETER McCORMICK

DESCRIPTION BY: C.H. WHITEHEAD SAMPLER: JIM SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	200		Skarn rubble
2	3'-6'	<20		Darkish brown skarn rubble - few magnetite fragments
3	6'-9'	<20		" " " "
4	9'-12'	<20		" " " "
5	12'-15'	<20		Skarn rubble - few magnetite fragments - lighter colour
6	15'-18'	<20		"
7	18'-21'	<20	0'-48'	"
8	21'-24	<20	SKARN ZONE.	"
9	24'-27'	<20		"
10	27'-30'	30		"
11	30'-33	60		"
12	33'-36'	40		Skarn rubble - becoming darker brown in colour
13	36'-39'	40		" with depth
14	39'-42'	40		"
15	42'-45'	30		"
16	45'-48'	30		"

Hole stopped @ 48' due to very hard nature of ground.

16 Samples submitted to N.P. Laws for analysis on 29/3/74.

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596129

AUGER HOLE REPORT No. 144

LOCATION: L.13 PROSPECT - TRENCH B3. DATE: 28th-29th MARCH 1974

TOTAL DEPTH: 102 FEET. DRILLER: PETER McCORMICK.

DESCRIPTION BY: CH WHITEHEAD. SAMPLER: JIM SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Samp	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	100	6' ↑ BULLDOZED RUBBLE ↓	Surface bulldozed rubble
2	3'-6'	90		" " "
3	6'-9'	90		Rubble consisting of fragments of quartzite and magnetite pebbles
4	9'-12'	50		Fragments of quartzite material - rubble turn brown in colour
5	12'-15'	110		Fragments of Fe stained quartzite material - rubble becoming darker
6	15'-18'	410		Dark brown shedye - no fragments
7	18'-21'	270		Rubble containing fragments of good magnetite
8	21'-24'	160		" " "
9	24'-27'	180		" " "
10	27'-30'	140		Hard iron stained sandstone fragment.
11	30'-33'	180		Rubble and clay - no coarse fragments
12	33'-36'	180		" "
13	36'-39'	160		" "
14	39'-42'	200		" "
15	42'-45'	150		" "
16	45'-51'	110		Rubble and clay - becoming darker (Only small rock sample)
17	51'-57'	240		" " "
?	57'-60'	340		
19	60'-63'	310		"
20	63'-66'	350		"
21	66'-69'	330		Brown slurry
22	69'-72'	360		
23	72'-75'	370		"
24	75'-78'	370		"
25	78'-81'	340		"
26	81-84'	340		"
27	84'-87'	250		"
28	87'-90	270		"
29	90'-93'	220		"
30	93'-96'	210		"
31	96'-99'	210		"
32	99'-102'	150		"
33	BOTTOM HOLE SAMPLE @ 102'	190		Sharn material.

Very hard formation @ 102'

33 samples submitted to McPhar for analysis on 29/3/74

128

596130

AUGER HOLE REPORT No. 145

CATION: L13 PROSPECT - TRENCH B3 DATE: MARCH 29 '74

AL DEPTH: 64 FEET DRILLER: P. McCORMICK

SCRIPTION BY: C.H WHITEHEAD. SAMPLER: J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	40		
2	3'-6'	70		
3	6'-9'	70		
4	9'-12'	70		
5	12'-15'	50		
6	15'-18'	210		
7	18'-21'	40		
8	21'-27'	170		
9	27'-30'	200		
10	30'-33'	210		
11	33'-36	190		UNABLE TO LOG HOLE. - SAMPLES SUBMERGED IN
12	36-39	200		RAINWATER IN TRENCH SHORTLY AFTER DRILLING.
13	39-42	—		
14	42-45	220		
15	45-48	180		
16	48-51	120		
17	51-54	150		
18	54-57	140		
19	57-60	140		
20	60-63	100		
21	63-64	130		
22.	BH.	40.		
				HARD GROUND @ 40 FEET.
				SAMPLES SUBMITTED TO McPHARS ON 4/4/74.

129

596131

AUGER HOLE REPORT No. 146

CATION L.13 PROSPECT - TRENCH B3. DATE 1st APRIL 1974

AL DEPTH 30 FEET. DRILLER P. McCORMICK.

SCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
1	0'-3'			BLACK IRON IMPREGNATED SUB BASALTIC MATERIAL.
2	3'-6'			DARK BROWN TO BLACKISH RUBBLE (PROBABLY " ")
3	6'-9'			
4	9'-12'			
	12'-15'			DARK BROWN RUBBLE REPRESENTING SKARN.
6	15'-18'			
7	18'-21'			
8	21'-24'			
9	24'-27'			CLAYS - BROWN COLOUR.
10	27'-30'			
11.	BOTTOM HOLE SAMPLE.			
				HARD FORMATION @ 30 FT.
				SAMPLES SUBMITTED TO McPHARS ON 4/4/74
				HOLE SITED 75' FROM AUG HOLE 144 +50' FROM AUG HOLE 145

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596132

AUGER HOLE REPORT No. 147 + 147A + 147B

CATION: L.13. PROSPECT – TRENCH B.3. DATE: 1st APRIL 1974.

AL DEPTH: 8FT, 15FT, 5FT. DRILLER: P. McCORMICK

SCRIPTION BY: C.H. WHITEHEAD SAMPLER: J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	40	↑	RUBBLE – DARK BROWN COLOUR
2	3'-6'	70	0'-8' SKARN.	DARK BROWN CLAYS AND RUBBLE
3	6'-8'	160.	↓	
				NO PROGRESS @ 8 FT – HARD FORMATION
1	0'-3'	30	↑	BROWNISH RUBBLE
2	3'-6'	<20		
3	6'-9'	190	0'-15' SKARN	LIGHT BROWN CLAYS.
4	9'-12'	350		DARK BROWN MAGNETITE SKARN RUBBLE
5	12'-15'	110		
6.	ROTARY HOLE SAMPLE.	50.	↓	
				HARD FORMATION @ 15FT – NO PROGRESS.
1	0'-3'	1170	↑ 0'-5' SKARN.	MAGNETITE RUBBLE – BLACKISH COLOUR
2	3'-5'	690.	↓ 5'→ QUARTZITE.	HARD FORMATION AT 5 FEET – QUARTZITE
				SAMPLES SUBMITTED TO McPHARS ON 4/4/74

131

596133

AUGER HOLE REPORT No. 148

CATION: L-13 PROSPECT – TRENCH B2 DATE: 1st APRIL 1974

AL DEPTH: 40 FEET DRILLER: P. McCORMICK

SCRIPTION BY: C.H. WHITEHEAD SAMPLER: J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McAHAR. Assay	Footage Interval	Descriptions
1	0'-3'	30		
2	3'-6'	110		
3	6'-9'	150		RUBBLE AND CLAY – MEDIUM BROWN COLOUR – REPRESENTS SLAPN
4	9'-12'	80		
	12'-15'	60		
6	15'-18'	30		
7	18'-21'	<20		
8	21'-24'	<20		
9	24'-27'	<20		
10	27'-30'	<20		FAWN COLOURED CLAYS AND SAND.
11	30'-33'	<20		
12	33'-36'	40		
13	36'-39'	<20		
14.	39'-40.'	40.		
				NO PROGRESS AT 40 FEET.
				SAMPLES SUBMITTED TO McAHARS ON 4/4/74.

132

596134

AUGER HOLE REPORT No. 149

CATION L.13 PROSPECT – TRENCH B2 · DATE 2nd APRIL 1974

AL DEPTH 107 FEET DRILLER P. McCORMICK.

SCRIPTION BY C.H WHITEMEAD SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	30		
2	3'-6'	160		
3	6'-9'	50		
4	9'-12'	30		LIGHTISH BROWN RUBBLE – REPRESENTS SKARN MATERIA
5	12'-15'	20		
6	15'-18'	70		
7	18'-21'	40		
8	21'-24'	30		
9	24'-27'	100		
10	27'-30'	310		
11	30'-33'	300		
12	33'-36'	310		DARK BROWN RUBBLE – APPRECIABLE FRAGMENTS OF MAGNETITE MATERIAL
13	36'-39'	330		
14	39'-42'	200		
15	42'-45'	310		
16	45'-48'	300		
17	48'-51'	290		
18	51'-54'	250		
19	54'-57'	260		BROWN CLAYS – REPRESENTS SKARN.
20	57'-60'	240		
21	60'-63'	250		
22	63'-66'	240		
23	66'-69'	270		
24	69'-72'	190		
25	72'-75'	210		
26	75'-78'	160		FINE BROWN MUD AND SLURRY
27	78'-81'	200		"
28	81'-84'	120		"
29	84'-87'	130		"
30	87'-90'	170		"
31	90'-93'	120		"

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596135

AUGER HOLE REPORT No. 149 (CONTINUED)

CATION: K13 PROSPECT - TRENCH B2 DATE: 2nd APRIL 1974

AL DEPTH: 107 FEET DRILLER: P McCORMICK

SCRIPTION BY: C.H. WHITEMEAD SAMPLER: J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
32	93-96'	140		
33	96'-99'	130		FINE BROWN MUD AND SLURRY.
34	99'-102'	80		
35	102'-105'	100		
36	105'-107'	110		
				HOLE STOPPED @ 107 FEET - NO FURTHER FLIGHTS TO CONTINUE DRILLING
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS 4/4/74.

134

596136

AUGER HOLE REPORT No. 150

CATION: L 13 PROSPECT – TRENCH B2. DATE: 2nd APRIL 1974

AL DEPTH: 39 FEET. DRILLER: P. McCORMICK

SCRIPTION BY: C.H WHITEHEAD. SAMPLER: J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	<20		CLAYS + RUBBLE, REPRESENTING SKARN.
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	20		SKARN RUBBLE – BROWN COLOUR.
	12'-15'	40		
6	15'-18'	90		
7	18'-21'	<20		BROWN CLAY.
8	21'-27'	140		SKARN RUBBLE – MEDIUM BROWN COLOUR. MAGNETITE MORE ABUNDANT.
9	27'-30'	170		
10	30'-33'	200		
11	33'-36'	200		
12	36'-39'	120.		
13	BOTTOM HOLE SAMPLE AT 39'			GRANITE.
				HOLE STOPPED AT 39 FEET DUE TO HARD NATURE OF FORMATION
				SAMPLES SUBMITTED TO McPHARS 4/4/74.

135

596137

AUGER HOLE REPORT No. 151 + 151A

OCATION 12- SUTTONS SKARN. - SOUTHERN AREA. DATE 3rd APRIL 1974

OTAL DEPTH 6 FT + 35 FEET DRILLER P. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR. Assay	Footage Interval	Descriptions
	HOLE 151			HOLE 151.
1	0'-3'	210		IRON STAINED SANDSTONE RUBBLE
2	3'-6'	560		
				HOLE STOPPED @ 6FT DUE TO HARD GROUND
				SAMPLES SUBMITTED TO McPHAR FOR ANALYSIS ON 4/4/74.
	HOLE 151A.			HOLE 151A.
1	0'-3'	100		SURFACE RUBBLE
2	3'-6'	510		SANDSTONE IMPREGNATED WITH IRON - LIGHT BROWN COLOURED.
3	6'-9'	190		
4	9'-12'	80		
5	12'-15'	20		
6	15'-18'	<20		
7	18'-21'	<20		SANDSTONE IMPREGNATED WITH IRON - DARKER BROWN IN COLOUR
8	21'-24'	<20		
9	24'-27'	<20		
10	27'-30'	<20		
11	30'-33'	<20		FINE HARD SANDSTONE CHIPS - LIGHT COLOURED.
12	33'-35'	<20		
13	BOTTOM HOLE SAMPLE.	<20.		
				HOLE DRILLED 2 FEET TO SOUTH OF HOLE 151
				HOLE STOPPED IN HARD GROUND
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 4/4/74

136

596138

AUGER HOLE REPORT No. 152

OCATION 12 - SUTTON'S SKARN - SOUTHERN AREA. DATE 3rd APRIL 1974

OTAL DEPTH 27 FEET DRILLER P. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	130		SURFACE RUBBLE + SOIL
2	3'-6'	100		LIGHT GREY CLAYS - LITTLE IRON MATERIAL
3	6'-9'	100		SANDSTONE RUBBLE - DARK BROWN COLORATION
4	9'-12'	120		SKARN MATERIAL - QUITE LARGE AMOUNT IRON MATERIAL
5	12'-15'	120		SANDSTONE RUBBLE IMPREGNATED WITH IRON.
6	15'-18'	150		
7	18'-21'	90		SANDSTONE RUBBLE - GREENISH BROWN COLOUR
8	21'-24'	70		
9	24'-27'	30		
10	BOTTOM HOLE SAMPLE.	30		
				HOLE STOPPED IN HARD GROUND @ 27 FEET
				SAMPLES SUBMITTED FOR ANALYSIS ON 4/4/74.

137

AUGER HOLE REPORT No. 153 + 153A

LOCATION 12 - SUTTONS SKARN - SOUTHERN AREA. DATE 3rd APRIL 1974

TOTAL DEPTH 21 FEET + 21 FEET. DRILLER P McCORMICK

DESCRIPTION BY C H WHITEHEAD. SAMPLER J SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	Assay	Footage Interval	Descriptions
	HOLE 153			HOLE 153
1	0' - 3'	60		SURFACE SOIL AND RUBBLE.
2	3' - 6'	130		RUBBLE AND GREYISH CLAYS.
3	6' - 9'	90		SKARN + SANDSTONE - MEDIUM BROWN COLOURED RUBBLE
4	9' - 12'	80		
	12' - 15'	50		
6	15' - 18'	70		GREENISH COLOURED SANDSTONE RUBBLE.
7	18' - 21'	40		
				HOLE STOPPED IN HARD GROUND @ 21 FEET.
				SAMPLES SUBMITTED TO McAMORS FOR ANALYSIS ON 2/4/74.
	HOLE 153A			HOLE 153 A.
1	0' - 3'	60		RUBBLE AND GREYISH CLAYS.
2	3' - 6'	110		GREY CLAYS - IRON CONTENT BECOMING MORE ABUNDANT.
3	6' - 9'	150		SKARN + SANDSTONE RUBBLE.
4	9' - 12'	120		
5	12' - 15'	80		
6	15' - 18'	70		HARD WHITISH QUARTZITE RUBBLE
7	18' - 21'	40		
				HOLE SITED 2 FEET NORTH OF AUGER HOLE 153
				NO DRILLING PROGRESS AT 21 FEET - HARD GROUND
				SAMPLES SUBMITTED FOR ANALYSIS TO McAMORS ON 2/4/74

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596140

AUGER HOLE REPORT No. 154

OCATION: 12 - SUTTONS SKARN - SOUTHERN AREA. DATE: 3rd APRIL 1974

OTAL DEPTH: 24 FEET. DRILLER: P. MCCORMICK

ESCRIPTION BY: C.H. WHITEHEAD. SAMPLER: J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		MAGNETITE SKARN RUBBLE.
2	3'-6'	<20		SKARN RUBBLE - LESS MAGNETITE
3	6'-9'	<20		RUBBLE - MAINLY SANDSTONE FRAGMENTS - BUFF BROWN COLOUR
4	9'-12'	<20		
5	12'-15'	<20		FINE POWDERY SAND - BUFF BROWN COLOUR
6	15'-18'	<20		
7	18'-21'	<20		SANDSTONE RUBBLE FINE GRAINED GREENISH GREY
8	21'-24'	<20		
				HARD GROUND ENCOUNTERED @ 24 FEET
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 4/4/74

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596141

AUGER HOLE REPORT No. 155

LOCATION L2 - SUTTON'S SKARN - SOUTHERN AREA. DATE 26th APRIL 1974

TOTAL DEPTH 32 FEET. DRILLER P McCORMICK

DESCRIPTION BY C.A. WHITEHEAD. SAMPLER J SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	20.		SKARN RUBBLE - 4 FEET
2	3'-6'	40		4'-6' - SANDSTONE RUBBLE.
3	6'-9'	<20		
	9'-12'			FINE SAND - BUFF YELLOW COLOUR.
	12'-15'			
	15'-18'			
	18'-21'			
	21'-24'	NOT SUBMITTED FOR ANALYSIS.		
	24'-27'			SANDS - LIGHT BROWN COLOUR
	27'-30'			
	30'-32'			
				DRILLING - NOT PROGRESS AT 32 FT.
				SAMPLES 0' TO 9' SUBMITTED FOR ANALYSIS TO McPHARS - 9/4/74

140

596142

AUGER HOLE REPORT No. 156

OCATION 12 - CUTTONS SKARN - SOUTHERN AREA DATE 4th April 1974

OTAL DEPTH 30 FEET DRILLER P. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		SURFACE RUBBLE - LITTLE MAGNETITE
2	3'-6'	20		SANDSTONE RUBBLE.
3	6'-9'	<20		
	9'-12'	NOT SUBMITTED FOR ANALYSIS.		FINE, LIGHT BROWN SAND
	12'-15'			
	15'-18'			
	18'-21'			
	21'-24'			
	24'-27'			
	27'-30'			
				HARD GROUND @ 30 FEET.
				SAMPLES 0'-9' SUBMITTED TO McPHARS FOR ANALYSIS ON 9/4/74

141

596143

AUGER HOLE REPORT No. 157

LOCATION L2- SUTTONS SKARN - SOUTHERN AREA DATE 4th APRIL 1974

TOTAL DEPTH 33 FEET DRILLER P. MCCLAMMER

DESCRIPTION BY C.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	30		SURFACE MATERIAL (MAINLY MAGNETITE SKARN RUBBLE)
2	3'-6'	30		
3	6'-9'	<20		
4	9'-12'	<20		
	12'-15'			
	15'-18'			
	18'-21'	SAMPLES NOT SUBMITTED FOR ANALYSIS		SANDSTONE RUBBLE - LITTLE Fe IMPREGNATION AT HIGHEST LEVELS
	21'-24'			
	24'-27'			
	27'-30'			
	30'-33'			
				HARD GROUND ENCOUNTERED @ 33 FEET.
				SAMPLES 0'-12' SUBMITTED TO McPHARS ON 9/4/74.

142

596144

AUGER HOLE REPORT No. 158, 158A + 158B

OCATION L2 - SUTTONS SKARN - SOUTHERN AREA DATE 12th APRIL 1974

OTAL DEPTH 8FT, 5FT, 14FT. DRILLER P McCORMICK

ESCRIPTION BY C.H. WHITEHEAD SAMPLER F. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR. Assay	Footage Interval	Descriptions
	HOLE 158			HOLE 158
1	0'-3'	<20		BROWNISH IRON STAINED RUBBLE
	3'-6'	30		
3	6'-8'	<20		LIGHT BROWN QUARTZITIC + SANDSTONE FRAGMENTS
4	BOTTOM HOLE SAMPLE	20		
				SAMPLES 0'-8' SUBMITTED TO McPHARS ON 9/4/74.
				HOLE TO HARD @ 8 FEET TO CONTINUE DRILLING
	HOLE 158A.			HOLE 158A.
	0'-3'	NOT SUBMITTED FOR ANALYSIS.		SKARN RUBBLE.
	3'-5'			SANDSTONE.
				GROUND TOO HARD AT 5 FEET - NO DRILLING PROGRESS
				SAMPLES NOT SUBMITTED FOR ANALYSIS.
				HOLE SITED 2FT WEST OF AUGER HOLE 158
	HOLE 158B			HOLE 158B
	0'-3'	NOT SUBMITTED FOR ANALYSIS		SURFACE SKARN RUBBLE MATERIAL.
	3'-6'			LIGHT BROWN FINE SAND.
	6'-9'			
	9'-12'			
	12'-14'			
				NO FURTHER DRILLING PROGRESS @ 14FT - HARD GROUND
				SAMPLES NOT SUBMITTED FOR ANALYSIS.
				HOLE SITED 4FT WEST OF AUGER HOLE 159

143

596145

AUGER HOLE REPORT No. 159 + 159A + 159B

LOCATION L2 - SUTTONS SKARN - SOUTHERN AREA DATE 2nd APRIL 1974

TOTAL DEPTH 22FT, 11FT, 11FT DRILLER P McCORMICK

DESCRIPTION BY C.H. WHITEHEAD SAMPLER F. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
	HOLE 159			HOLE 159
1	0'-3'	50		SURFACE RUBBLE.
2	3'-6'	<20		IRON STAINED QUARTZITE RUBBLE - MEDIUM BROWN COLOUR
	6'-9'	30		
4	9'-12'	<20		
5	12'-15'	30		QUARTZITE FRAGMENTS - HARD WHITISH, FINE GRAINED
	15'-18'	—	NOT SUBMITTED FOR ASSAY	SAND - MEDIUM BROWN COLOUR.
	18'-21'	—		
	21'-22'	—		SAND - LIGHT COLOURED
				HARD GROUND @ 22 FEET.
				SAMPLES (0'-15') SUBMITTED FOR ANALYSIS ON 4/4/74.
	HOLE 159A			HOLE 159A
1	0'-3'	30		SURFACE RUBBLE - FRAGMENTS OF MAGNETITE + SANDSTONE
	3'-6'	20		SANDSTONE IMPREGNATED WITH IRON
3	6'-9'	20		
4	9'-11'	30		
				HARD GROUND AT 11 FEET.
				SAMPLES SUBMITTED FOR ANALYSIS ON 9/4/74.
				HOLE SITED 2 FT WEST OF AUGER HOLE 159
	HOLE 159B			HOLE 159B
1	0'-3'	20		SURFACE RUBBLE - FRAGMENTS OF SANDSTONE + MAGNETITE
2	3'-6'	<20		SANDSTONE, IMPREGNATED WITH IRON.
3	6'-9'	<20		
4	9'-11'	30		
				HARD GROUND AT 11 FEET.
				SAMPLES SUBMITTED FOR ANALYSIS ON 9/4/74.
				HOLE SITED 4 FT WEST OF AUGER HOLE 159

144

596146

AUGER HOLE REPORT No. 160, 160A + 160B

OCATION X2 - SUTTONS SAMARN - SOUTHERN TAKEN DATE 5th APRIL 1974

OTAL DEPTH 7FT, 9FT, 6FT. DRILLER C. McCORMICK

ESCRIPTION BY C.M. WHITEHEAD. SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McAMAR Assay	Footage Interval	Descriptions
	HOLE 160.			HOLE 160.
1	0' - 3'	<20		SURFACE RUBBLE.
2	3' - 6'	<20		IRON IMPREGNATED SANDSTONE RUBBLE — BUFF YELLOW COLOUR.
3	6' - 7	30		
	BOTTOM HOLE SAMPLE.	40		
				HARD GROUND ENCOUNTERED @ 7 FEET.
				SAMPLES SUBMITTED TO McAMARS ON 9/4/74.
	HOLE 160 A.			HOLE 160 A.
1	0' - 3'	<20		SANDSTONE RUBBLE - IMPREGNATED WITH IRON
2	3' - 6'	<20		
3	6' - 9'	30		
				HARD GROUND @ NINE FEET
				SAMPLES SUBMITTED TO McAMARS ON 9/4/74.
				HOLE SITED 3' WEST OF HOLE 160.
	HOLE 160B			HOLE 160 B
1	0' - 3'	<20		SANDSTONE RUBBLE - FEW MAGNETITE FRAGMENTS.
2	3' - 6'	<20		
3	BOTTOM HOLE SAMPLE.	<20		
				HARD GROUND ENCOUNTERED @ 6 FT
				SAMPLES SUBMITTED FOR ANALYSIS ON 9/4/74.
				HOLE SITED 4 FT WEST OF AUGER HOLE No 160.

145

596147

AUGER HOLE REPORT No. 161

OCATION 12 SUTHERS SKARN - SOUTHERN AREA. DATE 5th APRIL 1974

TAL DEPTH 44 FEET. DRILLER P. McCORMICK

ESCRIPTION BY P.H. WHITEHEAD SAMPLER I. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	Assay	Footage Interval	Descriptions
1	0'-3'	30		SANDSTONE RUBBLE - MOTTLED BROWN DECOMPOSED FRAGMENTS
2	3'-6'	30		
3	6'-9'	30		
4	9'-12'	<20		
[illegible]	12'-15'	20		
6	15'-18'	<20		
7	18'-21	<20		MEDIUM BROWN COLOURED IRON IMPREGNATED SANDSTONE
8	21'-24'	<20		
9	24'-27'	30		
10	27'-30'	80		
11	30'-33'	20		
12	33'-39'	<20		
13	39'-42'	20		BROWN CLAYS.
14	42'-44' BOTTOM HOLE SAMPLE.	40		
[illegible]				
				NO FURTHER DRILLING PROGRESS POSSIBLE @ 44' - HARD
				SAMPLES SUBMITTED FOR ANALYSIS TO McPHARS
				ON 9/4/74.

146

596148

AUGER HOLE REPORT No. 162 + 162A

OCATION 12 - SUTTONS SKARN - SOUTHERN AREA DATE 5th APRIL 1974

OTAL DEPTH 23 FT + 24 FT DRILLER C MYCHOMIK

ESCRIPTION BY CH WHITEHEAD SAMPLER J SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ample	Interval	McPHAR Assay	Footage Interval	Descriptions
	HOLE 162.			HOLE 162.
1	0'-3'	<20		
2	3'-6'	30		
3	6'-9'	<20		SANDSTONE RUBBLE - BUFF YELLOW IN COLOUR
4	9'-12'	<20		
5	12'-15'	<20		SANDSTONE FRAGMENTS - MOTTLED COLOURATION
6	15'-18'	<20		
	18'-21'		40	SANDSTONE RUBBLE WITH IRON IMPREGNATION
	21'-23'		<20	
				DRILLING UNABLE TO PENETRATE 23 FT DUE TO HARD NATURE OF GROUND
				SAMPLES SUBMITTED FOR ASSAY ON 9/4/74.
	HOLE 162A.			HOLE 162A.
	0'-3'			
	3'-6'			
	6'-9'			BUFF YELLOW SANDSTONE RUBBLE
	9'-12'	SAMPLES NOT SUBMITTED FOR ASSAY		
	12'-15'			
	15'-18'			
	18'-21'			SANDSTONE RUBBLE - SHOWING SLIGHT IRON IMPREGNATION
	21'-24'			
				HOLE SITED 2 FEET WEST OF AUGER HOLE No 162
				DRILLING UNABLE TO PENETRATE 24 FT DUE TO HARD GROUND
				NO SAMPLES SUBMITTED FOR ASSAY

147

596149

AUGER HOLE REPORT No. 163

LOCATION L2 - SUTTONS SKARN - SOUTHERN AREA DATE 5th AUG 1974

TOTAL DEPTH 26 FEET DRILLER P McCORMACK

DESCRIPTION BY C H WHITEHEAD SAMPLER J SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0' - 3'	<20		SURFACE RUBBLE
2	3' - 6'	<20		
3	6' - 9'	<20		MAGNETITE SKARN RUBBLE
4	9' - 12'	<20		GETTING LIGHTER IN COLOUR WITH DEPTH
5	12' - 15'	<20		
6	15' - 18'	<20		
7	18' - 21'	<20		SANDSTONE RUBBLE - IRON IMPREGNATED.
8	21' - 24'	<20		
9	24' - 26'	<20.		SANDSTONE.
				HOLE UNABLE TO BE PENETRATED PAST 26 FEET.
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 9/4/74.

148

596150

AUGER HOLE REPORT No. 164 + 164 A + 164 B

CATION L2- SUTTONS SKARN - NORTHERN AREA DATE 5th APRIL 1974

AL DEPTH 7FT, 15FT, 9FT DRILLER P McCORMICK

SCRIPTION BY C.H. WHITEHEAD SAMPLER J SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
	HOLE 164			HOLE 164
1	0'-3'	<20		SKARN WITH SOME MAGNETITE FRAGMENTS.
2	3'-6'	<20		
3.	6'-7'	60		CONTACT MATERIAL - SKARN GRADING INTO SANDSTONE
				DUE TO HARD NATURE OF GROUND - NO FURTHER PROGRESS.
	HOLE 164A			HOLE 164A
1	0'-3'	<20		MAGNETITE SKARN
2	3'-6'	70		CONTACT ZONE - SKARN CHANGING TO SANDSTONE.
3	6'-9'	<20		WHITE QUARTZITIC MATERIAL.
4	9'-12'	30		BUFF YELLOW SAND MATERIAL
5	12'-15'	30		
				HOLE STOPPED @ 15 FEET.
				HOLE SITED 18" WEST OF HOLE No 164.
	HOLE 164B			HOLE 164B
1	0'-3'	<20		MAGNETITE SKARN TO 7 FEET.
2	3'-6'	<20		
3	6'-9'	<20		SANDSTONE 7' TO 9'
				HOLE STOPPED AT 9 FT.
				HOLE SITED 10" WEST OF AUGER HOLE No 164A.
				ALL THE ABOVE SAMPLES SUBMITTED TO McPHARS
				FOR ANALYSIS ON 9/4/74

149

596151

AUGER HOLE REPORT No. 165

OCATION 12 - SUTTONS SKARN - NORTHERN AREA DATE 5th APRIL 1974

OTAL DEPTH 24 FEET DRILLER P McCORMICK

ESCRIPTION BY CH WHITEHEAD SAMPLER T. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	MPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		MAGNETITE SKARN
2	3'-6'	<20		
3	6'-9'	<20		CONTACT ZONE - SKARN GRADING INTO SANDSTONE.
4	9'-12'	40		SANDSTONE / QUARTZITE RUBBLE - MEDIUM BROWN CHALCOPYRITE.
5	12'-15	<20		
6	15'-18'	<20		
7	18'-21'	30		SAND - FINE TEXTURE WHITISH.
8	21'-24'	40.		
				NO FURTHER PROGRESS POSSIBLE @ 24 FEET.
				SAMPLES SUBMITTED FOR ASSAY ON 9/4/74.

150

596152

AUGER HOLE REPORT No. 166

OCATION 12 - SUTTONS SIDING - NORTHERN AREA. DATE 2nd APRIL 1976.

OTAL DEPTH 21 FEET DRILLER P. MYURMICK

ESCRIPTION BY P.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		SURFACE RUBBLE + SANDSTONE
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	30		FINE, WHITE SAND.
6	15'-18	<20		
7	18'-21'	20		
				HOLE STOPPED AT 21 FEET.
				SAMPLES SENT TO McPHARS FOR ANALYSIS ON 9/4/76.

151

596153

AUGER HOLE REPORT No. 167

LOCATION L2 - SUTTONS SIDARN - NORTHERN AREA DATE 8th APRIL 1974

TOTAL DEPTH 12 FEET DRILLER P McCORMICK

DESCRIPTION BY C.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		
2	3'-6'	<20		FINE WHITISH SAND.
3	6'-9'	<20		
4	9'-12'	<20		
				HOLE STOPPED AT 12 FEET.
				SAMPLES SENT TO McPHARS ON 4/4/74.

152

596154

AUGER HOLE REPORT No. 168

LOCATION K2 - SUTTON'S SKARN - NORTHERN AREA DATE 8th APRIL 1974

TOTAL DEPTH 18 FEET DRILLER P McCORMICK

DESCRIPTION BY C.H. WHITEHEAD SAMPLER I. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		SKARN - WITH MAGNETITE
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		FINE WHITE SANDSTONE.
5	12'-15'	<20		
6	15'-18'	<20		
				HARD GROUND @ 15 FEET
				SAMPLES SUBMITTED TO McPHAR ON 9/4/74

153

596155

AUGER HOLE REPORT No. 169 + 169A

LOCATION L.2 - SUTTONS SKARN - NORTHERN AREA DATE 7th APRIL 1974

TOTAL DEPTH 18 FEET + 14 FEET DRILLER P McCORMICK

DESCRIPTION BY C H WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR Assay	Footage Interval	Descriptions
	HOLE 169			HOLE - 169
1	0'-3'	<20		RUBBLE REPRESENTING MAGNETITE SKARN TO A DEPTH OF 14 FT
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	<20		
6	15'-18	<20		CONTAMINATED (Fe) SANDSTONE.
				HARD GROUND @ 18 FEET.
	HOLE 169A			HOLE 169A
1	0'-3'	<20		RUBBLE REPRESENTING MAGNETITE SKARN
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-14'	<20		
				HARD GROUND @ 14 FEET - NO PROGRESS
				ALL ABOVE SAMPLES SUBMITTED TO McPHARS ON 7/4/74

154

596156

AUGER HOLE REPORT No. 170

OCATION L2 - SULTANS SKARN - NORTHERN AREA DATE 2nd APRIL 1974.

OTAL DEPTH 27 FEET DRILLER P. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0' to 3'	<20		RUBBLE REPRESENTING MAGNETITE SKARN.
2	3' to 6'	<20		
3	6' - 9'	<20		
4	9' - 12'	<20		CLAY SLUDGE REPRESENTING SKARN. - HEAVY.
5	12' - 15'	<20		
6	15' - 18'	<20		
7	18' - 21'	<20		CONTACT MATERIAL.
8	21' - 24'	<20		FINE WHITE SAND.
9	24' - 27'	<20		
				HOLE STOPPED @ 27 FEET
				ALL SAMPLES SUBMITTED TO McPHARS ON 9/4/74

155

596157

AUGER HOLE REPORT No. 171

OCATION K2 - SUTTONS SKARN - NORTHERN AREA. DATE 8th APRIL 1971

OTAL DEPTH 30 FEET DRILLER P. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ample	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	<20		RUBBLE REPRESENTING MAGNETITE SKARN
6	15'-18'	<20		
7	18'-21'	<20		
8	21'-24'	<20		
9	24'-27'	20		FINE WHITE SAND
10	27'-30'	20		
				HARD GROUND @ 30 FEET
				SAMPLES SUBMITTED TO McPHARS ON 9/4/71

156

596158

AUGER HOLE REPORT No. 172

OCATION L2 - SUTTONS SKARN - NORTHERN AREA DATE 5th APRIL 1974

OTAL DEPTH 26 FEET DRILLER P. McCORMICK

ESCRIPTION BY CH WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		SANDSTONE + SKARN RUBBLE
2	3'-6'	60		
3	6'-9'	20		
4	9'-12'	<20		RUBBLE REPRESENTING SKARN.
5	12'-15'	<20		
6	15'-18'	<20		
7	18'-21'	90		GREENISH COLOURED SANDSTONE RUBBLE
8	21'-24'	80		
9	24'-26'	110		
				HARD GROUND ENCOUNTERED @ 26 FEET
				SAMPLES SUBMITTED TO McPHARS on 9/4/74

157

596159

AUGER HOLE REPORT No. 173 + 173A

OCATION L2 - SUTTONS SKARN - NORTHERN AREA DATE 9th APRIL 1974

OTAL DEPTH 10 FT + 21 FT DRILLER C. McCORMICK

ESCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
mple	Interval	Assay	Footage Interval	Descriptions
	HOLE 173			HOLE 173
	0'-3'	NOT SUBMITTED FOR ASSAY		SANDSTONE RUBBLE, IMPREGNATED WITH IRON - DARK BROWN COLOUR
	3'-6'			
	6'-9'			AS ABOVE - MUCH FINER GROUND MATERIAL.
	9'-10'			
				HOLE UNABLE TO PENETRATE 10 FEET MORE - HARD.
	HOLE 173A			HOLE 173A
1	0'-3'	<20		IRON IMPREGNATED RUBBLE - DARK BROWN COLOUR.
2	3'-6'	30		
3	6'-9'	<20		AS ABOVE, BUT FINER RUBBLE IN TEXTURE.
	9'-12'	<20		
5	12'-15'	<20		FINE-GRAINED, GREY, SANDSTONE
6	15'-18'	30		LIGHT COLOURED SANDSTONES.
7	18'-21'	50		
				HOLE SITED 2FT TO SOUTH OF AUGER HOLE 173.
				HOLE STOPPED @ 21 FEET.
				SAMPLES SUBMITTED TO McPHARS ON 16/4/74.

158

596160

AUGER HOLE REPORT No. 174

LOCATION L2 - SUTTONS SKARN - NORTHERN AREA DATE 9th APRIL 1974

TOTAL DEPTH 22 FEET DRILLER P. McCORMICK

DESCRIPTION BY M.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
Sample	Interval	Methane Assay	Footage Interval	Descriptions
1	0'-3'	<20		
2	3'-6'	20		RUBBLE REPRESENTING MAGNETITE SKARN
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	<20		TRANSITION ZONE GRADING INTO SANDSTONE.
6	15'-18'	<20		GREENISH COLOURED SANDSTONE.
7	18'-21'	20		WHITE SANDS
8	21'-22'	40		
				HARD GROUND @ 22 FEET.

159

596161

AUGER HOLE REPORT No. 175 + 175A + 175B

CATION L2-Lillooet SKARN - NORTHERN POINT DATE 9th APRIL 1974

AL DEPTH 17FT, 21FT, 21FT DRILLER P. McCORMICK

SCRIPTION BY C.H. WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
	HOLE 175			HOLE 175
1	0'-3'	SAMPLES NOT SUBMITTED FOR ASSAY		IRON STAINED RUBBLE, REPRESENTING SKARN.
2	3'-6'			
3	6'-9'			
4	9'-12'			
5	12'-15'			
6	15'-17'			AS ABOVE - FINER TEXTURE.
				HARD GROUND @ 17' - NO PROGRESS POSSIBLE.
	HOLE 175A			HOLE 175A
	0'-3'	SAMPLES NOT SUBMITTED FOR ASSAY.		IRON STAINED RUBBLE REPRESENTING SKARN.
	3'-6'			
	6'-9'			
	9'-12'			
	12'-15'			
	15'-18'			
	18'-21'			
				HARD GROUND @ 21' - NO PROGRESS.
	HOLE 175B			HOLE 175B
1	0'-3'	<20		RUBBLE - MAGNETITE FRAGMENTS.
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	<20		DARK BROWN MUD
6	15'-18'	<20		
7.	18'-21.	20		GREEN QUARTZITIC MATERIAL - SOME PYRITES
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 18/4/74.

160

596162

AUGER HOLE REPORT No. 176.

CATION 22-SUTTONS SAARN - NORTHERN AREA. DATE 9th APRIL 1974.

AL DEPTH 24 FEET. DRILLER P. McCORMICK.

SCRIPTION BY C H WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
nple	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0'-3'	<20		
2	3'-6'	<20		
3	6'-9'	20		
4	9'-12'	<20		SANDSTONE - HIGHLY IMPREGNATED WITH IRON.
	12'-15'	20		EXTREMELY HEAVY RUBBLE BETWEEN 12' AND 21'
6	15'-18'	<20		
7	18'-21	<20		
8.	21'-24.	<20		APPEARS TO BE GRADING INTO SANDSTONE AT 24 FT.
				TOO HARD @ 24 FT FOR FURTHER PROGRESS.
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 10/4/74

161

596163

AUGER HOLE REPORT No. 177

CATION L2 - SUTTONS SKARN - NORTHERN AREA. DATE 9th APRIL 1974.

AL DEPTH 27 FEET. DRILLER P. McCORMICK.

SCRIPTION BY C.H WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
nple	Interval	McAMAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		
2	3'-6'	<20		
3	6'-9'	<20		
4	9'-12'	<20		
5	12'-15'	<20		RUBBLE - MAGNETITE IMPREGNATED SANDSTONE
6	15'-18'	<20		IRON CONTENT DECREASING WITH DEPTH.
7	18'-21'	<20		
8	21'-24'	<20		
9	24'-27.	<20		SANDSTONE.
				HARD GROUND @ 27 FEET.
				SAMPLES SUBMITTED TO McPHARS ON 10/4/74

162

596164

AUGER HOLE REPORT No. 178

CATION 12 - SUTTONS SKARN - NORTHERN AREA DATE 9th APRIL 1974.

AL DEPTH 29 FEET. DRILLER P. McCORMICK.

SCRIPTION BY C.H WHITEHEAD SAMPLER J. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	<20		IRON STAINED SURFACE RUBBLE.
2	3'-6'	<20		
3	6'-9'	<20		RUBBLE — DARK BROWN COLOUR - REPRESENTS IRON IMPREGNATED SANDSTONE.
4	9'-12'	<20		
	12'-15'	<20		
6	15'-18'	<20		DARK BROWN CLAY - HEAVY MATERIAL.
7	18'-21'	<20		
8	21'-24'	<20		
9	24'-27'	<20		~~SANDSTONE RUBBLE~~
10	27'-29'	<20.		
				HARD GROUND @ 29 FT
				SAMPLES SUBMITTED TO McPHARS ON 10/4/74.

163

596165

AUGER HOLE REPORT No. 179

CATION L2 - SUTTONS SKARN - NORTHERN AREA. DATE 10th APRIL 1974.

AL DEPTH 9 FEET DRILLER P McCORMICK

SCRIPTION BY C.H WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
1.	0'-3'	<20		SURFACE RUBBLE — MAGNETITE FRAGMENTS
2	3'-6'	<20		GRADING INTO SANDSTONE
3.	6'-9'	<20		SOFT FINE BUFF YELLOW SAND
				HOLE STOPPED
				SAMPLES SUBMITTED FOR ASSAY ON 18/4/74

164

596166

AUGER HOLE REPORT No. 180

CATION L2 - SUTTONS SKARN - NORTHERN AREA. DATE 9th APRIL 1974

AL DEPTH 14 FEET. DRILLER P. McCORMICK

SCRIPTION BY CM WHITEHEAD - SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	670	↑	GRANITE AND TOURMALINISED VEIN
2	3'-6'	280		
3	6'-9'	140	0' TO 14' GRANITE.	GRANITE RUBBLE
4	9'-12'	60		
	12'-14'	80	↓	
				NO PROGRESS MADE @ 14 FEET.
				SAMPLES SUBMITTED TO McPHARS FOR ANALYSIS ON 16/4/74

165

596167

AUGER HOLE REPORT No. 181

CATION L2 - SUTTONS GLARN - NORTHERN AREA DATE 9th APRIL 1974

AL DEPTH 23 FEET DRILLER P. McCORMICK

SCRIPTION BY C.H. WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	140	↑	
2	3'-6'	230		
3	6'-9'	120		
4	9'-12'	900		
[illegible]	12'-15'	800	0' to 23' GRANITE.	GRANITE RUBBLE.
6	15'-18'	480		
7	18'-21'	320		
8	21'-23'	260	↓	
				NO FURTHER PROGRESS AT 23FT - HARD GROUND
				SAMPLES SUBMITTED TO McPHARS ON 16/4/64

166

596168

AUGER HOLE REPORT No. 182

CATION 12 - SUTTONS SKARN - NORTHERN AREA DATE 10th APRIL 1970

AL DEPTH 11 FEET. DRILLER P McCORMICK

SCRIPTION BY C.H WHITEHEAD. SAMPLER F. SMITH

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR Assay	Footage Interval	Descriptions
1	0'-3'	30		CLAY AND RUBBLE.
2	3'-6'	<20	0' TO 11' SANDSTONE.	YELLOWISH SANDSTONE RUBBLE.
3	6'-9'	30		
4	9'-11'	<20		RUBBLE, CONSISTING MAINLY OF GREENISH GREY SANDSTONE PEBBLES
				SAMPLES SUBMITTED TO McPHARS ON 16/4/70.
				HARD GROUND ENCOUNTERED AT 11'

167

596169

AUGER HOLE REPORT No. 183 + 183A + 183B

CATION L2 - SUTTONS SLARN - SOUTHERN AREA. DATE 10th APRIL 1974.

AL DEPTH 18FT, 18FT, 18FT DRILLER P. McCORMICK

SCRIPTION BY C.H WHITEHEAD. SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	Assay	Footage Interval	Descriptions
	HOLE 183			HOLE 183.
1	0'-3'	<20		
2	3'-6'	<20		SANDSTONE RUBBLE, HIGHLY IMPREGNATED WITH IRON.
3	6'-9'	<20		
4	9'-12'	<20		
	12'-15'	SAMPLES NOT SUBMITTED		YELLOWISH SANDSTONE RUBBLE, GETTING QUARTZITIC AT 18 FEET.
	15'-18'			
				NO PROGRESS POSSIBLE @ 18FT
				SAMPLES 0' TO 12' SUBMITTED TO McMYARS ON 16/4/74
	HOLE 183A			HOLE 183A
	0'-3'			
	3'-6'			SANDSTONE RUBBLE IMPREGNATED WITH IRON TO 18 FEET.
	6'-9'	SAMPLES NOT SUBMITTED.		
	9'-12'			
	12'-15'			YELLOWISH SANDSTONE RUBBLE.
	15'-18'			
				NO PROGRESS POSSIBLE @ 18FT
	HOLE 183B			HOLE 183B.
	0'-3'			
	3'-6'			SANDSTONE RUBBLE (IMPREGNATED WITH IRON TO 9FT)
	6'-9'			
	9'-12'	SAMPLES NOT SUBMITTED.		
	12'-15'			YELLOWISH [illegible]

168

596170

AUGER HOLE REPORT No. 184 + 184A + 184B

CATION L2 - SUTTONS SKARN - SOUTHERN AREA DATE 10th APRIL 1974.

AL DEPTH 10 FT, 21 FT, + 16 FT DRILLER P. McCORMICK

SCRIPTION BY CH WHITEHEAD SAMPLER J. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR. Assay	Footage Interval	Descriptions
	HOLE 184			HOLE 184.
	0'-3'	NOT SUBMITTED FOR ASSAY.		SANDSTONE IMPREGNATED WITH IRON
	3'-6'			
	6'-9'			
	9'-10'			
				HARD GROUND @ 10 FT.
				S
	HOLE 184A.			HOLE 184A.
1	0'-3'	<20		
2	3'-6'	<20		SANDSTONE IMPREGNATED WITH IRON.
3	6'-9'	<20		
4	9'-12'	<20		
	12'-15'	NOT SUBMITTED FOR ASSAY.		BUFF YELLOW SANDSTONE RUBBLE
	15'-18'			
	18'-21'			
				HARD GROUND AT 21'
				SAMPLES SUBMITTED TO McPHARS ON 16/4/74.
	HOLE 184B.			HOLE 184B.
	0'-3'	NOT SUBMITTED FOR ASSAY.		SANDSTONE IMPREGNATED WITH IRON.
	3'-6'			
	6'-9'			
	9'-12'			
	12'-15'			BUFF YELLOW SANDSTONE RUBBLE
	15'-16'			
				HARD GROUND @ 16 FT.

9

596171

AUGER HOLE REPORT No. 165

CATION 12 - SUTTON'S SKARN - SOUTHERN AREA. DATE 10th APRIL 1976.

AL DEPTH 32 FEET. DRILLER P. McCORMICK.

SCRIPTION BY C.H. WHITEHEAD. SAMPLER T. SMITH.

SAMPLE ANALYSIS			LITHOLOGY DESCRIPTION	
ple	Interval	McPHAR. Assay	Footage Interval	Descriptions
1	0'-3'	<20		BROWN SANDSTONE RUBBLE.
2	3'-6'	40		BROWN SANDSTONE RUBBLE - SLIGHTLY IMPREGNATED WITH IRON.
3	6'-9'	80		
4	9'-12'	50		BROWNISH SANDSTONE - VERY SLIGHTLY IMPREGNATED WITH IRON.
	12'-15'	<20		
6	15'-18'	<20		
7	18'-21'	<20		SKARN - MAGNETITE FRAGMENTS + SOME SANDSTONE.
8	21'-24'	<20		
9	24'-27'	<20		
10	27'-30'	<20		MEDIUM BROWN COLOURED SILLOGE.
11.	30'-32'.	<20		- LIGHT GREEN COLOURED SANDSTONE
				NO DRILLING PROGRESS @ 32FT.
				ALL SAMPLES SUBMITTED TO McPHARS ON 16/4/76

596172

AUGER HOLE REPORT

NO. 188 / 188A / 188B

LOCATION: LOCATION. L.5 (WEST)

DATE: 16th APRIL 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 9FT, 5FT, 8FT.

SAMPLER: R. MILLER.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO3.
HOLE 188.					
1	0'-3'				100
2	3'-6'			BASALT RUBBLE	175
3.	6'-9'				205.
				HARD GROUND @ 9'	
HOLE 188A.					
1	0'-3'				<20
2.	3'-5'			BASALT RUBBLE.	<20.
				Hard Ground @ 5'	
HOLE. 188B.					
1	0'-3'				<20.
2	3'-6'			Dark brown basaltic rubble.	<20
3	6'-8'				<20
				Hard ground @ 8'	

596173

AUGER HOLE REPORT

NO. 189 / 189A

LOCATION: LOCATION - L.5 (WEST)

DATE: 16th April 1974

PROJECT: KARA - EL. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 9FT + 4FT

SAMPLER: R. MILLER

DESCRIPTION BY: CH.W

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
HOLE 189.					
1	0'-3'				< 20
2	3'-6'			Basalt Rubble.	< 20
3.	6'-9'				< 20.
				Unable to penetrate past 9'	
HOLE 189A.					
1	0'-3'			Basalt Rubble.	< 20
2.	3'-4'				20
				Hard ground at 4'	

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596174

190B
190A

AUGER HOLE REPORT

NO. 190.

LOCATION: Location L.5 - West.

DATE: 16th April 1974

PROJECT: Kara - E.L. 17165.

DRILLER: P. McCormick.

TOTAL DEPTH: 8ft. 15ft, 6ft.

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPhar.	Interval (feet)	Description	Portable XRF ppm - WO_3
HOLE 190.					
1	0'-3'				<20
2	3'-6'			Basalt Rubble.	150
3.	6'-8'				<20.
				Hard ground @ 8ft.	
HOLE 190A.					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Basalt Rubble	<20
4	9'-12'				100
5.	12'-15'			— Rubble - basalt?	175.
				Unable to penetrate 15'	
HOLE 190B.					
1	0'-3'			Basaltic Rubble.	<20
2.	3'-6'				<20
				Very hard ground at 6ft.	

13

596175

AUGER HOLE REPORT

NO. 191 / 191B. / 191A.

LOCATION: Location 25 - West

DATE: 17th April 1974.

PROJECT: Kara - E.L. 17168.

DRILLER: P. McCormick

TOTAL DEPTH: 6 ft - 6 ft. - 6 ft.

SAMPLER: R. Miller

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
HOLE 191					
1	0'-3'			Basaltic fragments	<20
2	3'-6'				<20.
				Hard ground @ 6 ft.	
HOLE 191B.					
1	0'-3'			Rubble - fragments of basalt.	<20
2.	3'-6'				<20.
				Unable to penetrate 6 ft.	
HOLE 191A.					
1	0'-3'			Basalt.	<20
2.	3'-6'				45.
				Hard Ground at 6 ft.	

174

596176

AUGER HOLE REPORT

NO. 192 / 192A / 192B.

LOCATION: Location 15 - West.

DATE: 17th April 1974.

PROJECT: KARA - E.L. 17/67.

DRILLER: P. McCormick

TOTAL DEPTH: 5ft, 5ft, 4ft.

SAMPLER: J. Smith.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McMAR.	Interval (feet)	Description	Portable X.R.F. ppm - WO_3
HOLE 192.					
1	0'-3'			Basalt Rubble.	< 20
2.	3'-5'				200
				Hard ground @ 5ft.	
HOLE 192A.					
1	0'-3'			Basalt Rubble.	< 20
2.	3'-5'				< 20.
				Hard Ground @ 5ft.	
HOLE 192B.					
1	0'-3'			Basalt Rubble	< 20
2.	3'-4'				< 20.
				Hard ground @ 4ft.	

175

596177

NO. 193 / 193A / 193B.

AUGER HOLE REPORT

LOCATION: Location 15 - WEST.

DATE: 18th April 1974.

PROJECT: KARA - EL. 17168.

DRILLER: P. McCormack.

TOTAL DEPTH: 4FT, 6FT, 6FT.

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
HOLE 193.					
1	0'-3'			Dark brown rubble.	150/1350
2	3'-4'				250/1350.
				Hard ground at 4 ft.	
HOLE 193A.					
1	0'-3'			Basalt Rubble.	150/600
2.	3'-6'				<20.
				Unable to penetrate 6 ft.	
HOLE 193B					
1	0'-3'			Basalt Rubble.	500/300
2.	3'-6'				<20.
				Unable to penetrate 6 ft.	

176

596178

194B.
194A

AUGER HOLE REPORT

NO. 194

LOCATION: LOCATION 25 - WEST

DATE: 12th April 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCormack

TOTAL DEPTH: 10', 10', 12'

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
HOLE 194.					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Rubble containing fragments basalt.	<20
4.	9'-10'				<20
5.	10'			Hard ground at 10'	<20
HOLE 194A.					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Basalt Rubble	<20
4	9'-10'				<20
5.	10'			Hard Ground at 10 ft.	<20.
HOLE 194B.					
1	0'-3'				<20
2	3'-6'			Basalt.	650
3	6'-9'				750.
4.	9'-12'				<20.
				Unable to penetrate 12 ft.	

177

596179

195B
195A

AUGER HOLE REPORT

NO. 195

LOCATION: Location 25 - West.

DATE: 22nd April

PROJECT: Kara - E.L. 17/68.

DRILLER: P. McCormick.

TOTAL DEPTH: 16ft, 14ft, 14ft.

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
HOLE 195.					
1	0'-3'				<20
2	3'-6'				<20
3	6-9'			BASALT RUBBLE.	<20
4	9'-12'				<20
5	12'-15'				<20
6.	15'-16'			Hard ground at 16ft.	<20
HOLE 195A.					
1.	0'-3'				<20
2	3'-6'				1800 ?
3	6'-9'			Basalt.	1250 ?
4	9'-12'				<20
5	12'-14'			Unable to penetrate 14ft.	<20.
HOLE 195B.					
1	0'-3'				20
2	3'-6'				<20
3	6'-9'			Basalt.	<20
4	9'-12'				<20
5.	12'-14'				<20
				Hard ground at 14ft.	

b

596180

196B
196A

AUGER HOLE REPORT

NO. 196

LOCATION: Location 15 - West

DATE: 23rd April 1974

PROJECT: Kara - E.L. 17/67

DRILLER: P. McCormick

TOTAL DEPTH: 17ft, 14ft, 14ft.

SAMPLER: R. Miller

DESCRIPTION BY: P.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	Portable X.R.F. ppm - WO_3.
HOLE 196.					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Rubble representing basalt	<20
4	9'-12'				30
5	12'-15'				175
6.	15'-17'			Hard ground @ 17'	<20.
HOLE 196A.					
1	0'-3'				250
2	3'-6'				<20
3	6'-9'			BASALT.	<20
4	9'-12'				<20
5	12'-14'			Unable to penetrate. 14'	<20
HOLE 196B.					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Basalt Rubble!	300
4	9'-12'				200
5	12'-14'				550
				Hard ground @ 14'	

9

596181

197B.
197A

AUGER HOLE REPORT

NO. 197

LOCATION: Location L.5 - West

DATE: 24th April 1974.

PROJECT: Hara - E.L. 17/68.

DRILLER: P. McCormick.

TOTAL DEPTH: 6ft., 11ft., 13ft.

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	Portable X.R.F. ppm - WO_3.
HOLE 197					
1	0'-3'			Basalt Rubble.	20
2.	3'-6'				300
				Hard ground at 6ft.	
HOLE 197A					
1	0'-3'				<20
2	3'-6'			Basaltic material	700
3	6'-9'				<20
4.	9'-11'			Hard ground at 11'	<20.
HOLE 197B					
1	0'-3'				<20
2	3'-6'				<20
3	6'-9'			Basalt.	<20
4	9'-12'				600
5.	12'-13'				300
6.	13'				<20
				Hard ground at 13ft.	

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596182

AUGER HOLE REPORT

NO. 198 + 198B.

LOCATION: L.13 – TRPCK H

DATE: 27th APRIL 1974

PROJECT: KARP – E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 14 FEET + 21 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W	Interval (feet)	Description	PORTABLE X.R.F. ppm WO_3.
HOLE 198					
1	0'-3'		0'-3' BASALT	Dark brown rubble – basalt.	< 20
2	3'-6'				50
3	6'-9'			Brown clays and sludge	< 20
4	9'-12'		3'-14' CLAYS.		< 20
5	12'-14'				< 20.
				Hole stopped @ 14' – Hard Ground.	
HOLE 198B.					
1	0'-3'		3' BAS.	Dark brown rubble – basalt.	< 20
2	3'-6'				< 20.
3	6'-9'				60
4	9'-12'				< 20
5	12'-15'			Brown clays and sludge.	< 20
6	15'-18'				< 20
7	18'-21'				< 20.
				Hole stopped @ 21' – hard ground.	

596183

AUGER HOLE REPORT

NO. 199

LOCATION: Location L.13 - Track H.

DATE: 28th April 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCormick.

TOTAL DEPTH: 18'

SAMPLER: R. Miller.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
1	0'-3'				< 20
2	3-6'				< 20
3	6'-9'			Basalt Rubble	< 20
4	9'-12'				< 20
5	12'-15'				< 20
6	15'-18'			Brown rubble and sand.	< 20
7.	18'				< 20.
				Hard ground at 18'.	

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596184

AUGER HOLE REPORT

NO. 201

LOCATION: LOCATION. L.13 - TRACK H.

DATE: 27th APRIL 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 33 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
1	0'-3'				
2	3'-6'				
3	6'-9'			BROWNISH CLAYS + RUBBLE.	
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'			CREAMISH WHITE CLAYS + FINE RUBBLE.	
9	24'-27'				
10	27'-30'				
11	30'-33'				
				Hard ground @ 33'	

183

596185

AUGER HOLE REPORT

NO. 202.

LOCATION: LOCATION L13 - TRACK H.

DATE: 27th APRIL 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 24 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W MPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
1	0'-3'				100
2	3'-6'				150
3	6'-9'				250
4	9'-12'			Creamish white fine rubble.	100
5	12'-15'			grading into clays.	< 20
6	15'-18'				200
7	18'-21'				500
8.	21'-24'				400.
9	24'			Rods too tight at 24'	375.

84

596186

AUGER HOLE REPORT

NO. 203

LOCATION: LOCATION L.13 - TRACK H.

DATE: 27th APRIL 1974.

PROJECT: KARA - E.L. 17/6E.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 77 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
1	0'-3'				
2	3'-6'			REDDISH BROWN BASALTIC RUBBLE.	
3	6'-9'				
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'			BROWNISH RUBBLE + SAND.	
8	21'-24'				
9	24'-27'				
10	27'-30'				
11	30'-33'			DARK GREY SAND.	
12	33'-36'				
13	36'-39'				
14	39'-42'				
15	42'-45'				
16	45'-48'				
17	48'-51'			Light brown clay + fine sand	
18	51'-54'				
19	54'-57'				
20	57'-60'				
21	60'-63'				
22	63'-66'				
23	66'-69'				
24	69'-72'				
25	72-75'				
26	75'-77'			Creamish white granite sand	

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596187

AUGER HOLE REPORT

NO. 204.

LOCATION: L.13 PROSPECT. - TRENCH. A1.

DATE: 29th APRIL 1974.

PROJECT: KARA E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 44 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description
1	0'-3'	1550		
2	3'-6'	2700	0'-9'	Dark brown rubble with magnetite fragments.
3	6'-9'	1030		
4	9'-12'	650		
5	12'-15'	460		
6	15'-18'	790		
7	18'-21'	650		Brown rubble - representing shear.
8	21'-24'	610		
9	24'-27'	680		
10	27'-30'	560		
11	30'-33'	570		
12	33'-36'	550		Brown clay sludge - representing shear.
13	36'-39'	560		
14	39'-42'	630		
15.	42'-44'	540.		
				Hole stopped @ 44 ft owing to hard nature of ground.

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596188

AUGER HOLE REPORT

NO. 205

LOCATION: L.13 PROSPECT - TRENCH A1.

DATE: 28th April 1974

PROJECT: Kara - E.L. 17/68.

DRILLER: P. McCormick.

TOTAL DEPTH: 48 FEET

SAMPLER: T. Smith.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION	
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description
1	0'-3'	790		Dark brown rubble.
2	3'-6'	510		
3	6'-9'	380		
4	9'-12'	250		
5	12'-15'	280		Brown clay and shale representing skarn.
6	15'-18'	200		
7	18'-21'	270		
8	21'-24'	430	0'-48'	
9	24'-27'	500	SKARN.	
10	27'-30'	670		
11	30'-33'	730		
12	33'-36'	730		Dark brown clay and shale. - skarn.
13	36'-39'	650		
14	39'-42'	630		
15	42'-45'	600		
16	45'-48'	630		
17.	B.H.	860.		
				Hole stopped at 48' in hard ground.

596189

AUGER HOLE REPORT

NO. 206

LOCATION: KARA NORTH PROSPECT

DATE: 29th APRIL 1974

PROJECT: KARA - E.L. 17168.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 20 FEET.

SAMPLER: J. SMITH

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
1	0'-3'			BASALTIC RUBBLE	20
2	3'-6'				<20
3	6'-9'			BROWN RUBBLE - Iron stained	175
4	9'-12'			sandstone fragments	<20
5	12'-15'				80
6.	15'-20'				<20.
				Ground too hard @ 20ft.	

68

596190

AUGER HOLE REPORT

HOLE NO. 207

LOCATION KARA EASTERN RIDGE SECTION 117

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 42 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'		0-3'	Dark brown soil with some M	<20
	6'		3'-42'	Light brown sludge, mostly	<20
	9'			sandstone	<20
	12'				<20
	15'				<20
	18'				20
	21'				<20
	24'				20
	27'				70
	30'				<20
	33'				<20
	36'				<20
	39'				
	42'				
	B.H.S.	<20	42'	Hard sandstone	

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596191

AUGER HOLE REPORT

HOLE NO. 208

LOCATION KARA EASTERN RIDGE SECTION 117

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 34 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	290	0-9'	Dark red-brown soil with M	700
	6'	550			1200
	9'	300			900
	12'	590	9'-34'	Dark brown sludge with some M.	140
	15'	680			1000
	18'	490			650
	21'	490			650
	24'	470			700
	27'	640			170
	30'	780			550
	33'	800			–
	34'	520			350
	B.H.S.	30	34'	Hard magnetite.	20

596192

AUGER HOLE REPORT

HOLE NO. 209

LOCATION KARA EASTERN RIDGE SECTION 117

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 24 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	470	0-9'	Dark brown soil with some M.	1100
	6'	1890			2200
	9'	2430			2400
	12'	510	9-24'	Dark brown sludge	1100
	15'	330			1300
	18'	330			1300
	21'	570			300
	24'	610			700
	B.H.S.	300	24'	Hard magnetite.	900

596193

AUGER HOLE REPORT

HOLE NO. 210

LOCATION KARA EASTERN RIDGE NEAR SECTION 114

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 20 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	3.64%	0-12'	Dark brown clay and M	1.66%
	6'	2.48%			1.53%
	9'	1.42%			1.91%
	12'	1.28%			1.76%
	15'	3230	12'-20'	Dark brown sludge with M	3000
	18'	4040			2400
	20'	9840	20'	Hard	1.07%

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596194

AUGER HOLE REPORT

HOLE NO. 211

LOCATION KARA EASTERN RIDGE NEAR SECTION 114

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 17 feet

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	2400	0-12'	Brown clay soil, slightly sandy	2800
	6'	1190			2500
	9'	990			1100
	12'	770			1200
	15'	460	12'-15'	Light brown clay-sand	650
	17'	950	15'-17'	Light brown sludge	900
			17'	Hard sandstone	

3

596195

AUGER HOLE REPORT

HOLE NO. 212

LOCATION: KARA EASTERN RIDGE SECTION 114

DATE: April 1974

PROJECT: KARA E.L. 17/68

DRILLER: P. McCormick

TOTAL DEPTH: 22 feet

SAMPLER: J. Smith

DESCRIPTION BY: R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	1.01%	0-12'	Dark brown clay soil with M.	4700
	6'	6230			8800
	9'	7310			5900
	12'	5950			3100
	15'	2710	12'-22'	Dark brown clay sludge with M.	2500
	18'	4900			3300
	21'	4600			3100
	22'	4570	22'	Hard magnetite.	3300
	B.H.S.	1.08%			1.90%

596196

AUGER HOLE REPORT

HOLES NOS. 213, 213A, 213B

LOCATION: KARA EASTERN RIDGE SECTION 114

DATE: April 1974

PROJECT: KARA E.L. 17/68

DRILLER: P. McCormick

TOTAL DEPTH: 213 - 17', 213A - 18', 213B - 22'

SAMPLER: J. Smith

DESCRIPTION BY: R.T.B

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
HOLE 213	0 - 3'	5570	0 - 15'	Dark brown clay.	4900
	6'	4180			3800
	9'	1730			1700
	12'	1180			1000
	15'	670			50
	17'	410	15' - 17'	Sandstone sludge	< 20
HOLE 213A	0 - 3'	5010	0 - 12'	Dark brown clay with some M	3600
	6'	4100			7300
	9'	2770			1500
	12'	1540			1100
	15'	640	12' - 18'	Brown clay sludge	< 20
	18'	410			400
	B.H.S.	2870	18'	Hard magnetite	2500
HOLE 213B	0 - 3'	7260	0 - 9'	Dark brown clay with M.	4620
	6'	1.20%			1.06%
	9'	7960			1.05%
	12'	6790	9' - 21'	Brown clay sludge	4775
	15'	3040			4100
	18'	2760			3400
	21'	1110	21' - 22'	Light brown sandstone sludge.	360
	22'	350	22'	Sandstone.	30

596197

AUGER HOLE REPORT

HOLES NOS. 215 216

LOCATION KARA EASTERN RIDGE BETWEEN SECTIONS 117 & 119

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 215 - 27' 216 - 23'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		PORTABLE XRF WO_3
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	
HOLE 215	0-3'	180	0-6'	Dark brown clay	20
	6'	150			80
	9'	90	6'-24'	Brown clay sludge	<20
	12'	90			<20
	15'	200			25
	18'	260			<20
	21'	300			<20
	24'	340			<20
	27'	440			<20
HOLE 216	0-3'	<20	0-6'	Dark brown clay	70
	6'	20			<20
	9'	<20	6'-23	Dark brown clay sludge	<20
	12'	60			100
	15'	<20			20
	18'	30			45
	21'	60			130
	23'	40			130
	B.H.S.	20	23'	Stiff clay with M	160

596198

AUGER HOLE REPORT

HOLES NOS. 217 218

LOCATION KARA EASTERN RIDGE BETWEEN SECTIONS 117 x 119

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 217 - 17' 218 - 28'

SAMPLER J. Smith

DESCRIPTION BY R.T.B.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
HOLE 217	0-3'	450	0-6'	Dark brown clay	<20
	6'	790			50
	9'	680	6'-9'	Dark brown clay sludge	200
	12'	420	9'-17'	Black clay sludge with much M.	270
	15'	470			290
	17'	470			750
	B.H.S.	270	17'	Hard magnetite.	550
HOLE 218	0-3'	1810	0-12'	Dark brown clay with M	2000
	6'	1250			650
	9'	2160			3350
	12'	2320			2950
	15'	1010	12'-28	Brown clay sludge with some M	850
	18'	970			700
	21'	790			450
	24'	750			120
	27'	650			<20
	28'	910			200
	B.H.S.	690	28'	Hard magnetite.	250

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596199

AUGER HOLE REPORT

HOLE NO. 219

LOCATION KARA EASTERN RIDGE BETWEEN SECTIONS 117 & 119

DATE April 1974

PROJECT KARA E.L. 17/68

DRILLER P. McCormick

TOTAL DEPTH 27 feet

SAMPLER J. Smith

DESCRIPTION BY

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W (McPhar)	Interval (feet)	Description	PORTABLE XRF WO_3
	0-3'	400			200
	6'	380			100
	9'	230			20
	12'	210			<20
	15'	190			<20
	18'	260			<20
	21'	1000			150
	24'	3740			2700
	27'	2750			1350

596200

AUGER HOLE REPORT

NO. 220.

LOCATION: KARA - N°1 - EAST OF TASHINEX N°1 TRENCH.

DATE: 6th MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 25 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	X.R.F. ppm WO_3.
1	0'-3'	470		DARK BROWN RUBBLE - WITH MAGNETITE.	100
2	3'-6'	210			25
3	6'-9'	120		MEDIUM BROWN FINE RUBBLE.	<20
4	9'-12'	160			20
5	12'-15'	100			100
6	15'-18'	150			80
7	18'-21'	110			<20
8	21'-24'	80		BROWN CLAY + SLUDGE.	150
9	24'-25'	100.			250
				Hole stopped @ 25' - Rods too tight.	

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596201

AUGER HOLE REPORT

NO. 221.

LOCATION: KARA No 1 - EAST OF TASMINEX No 1 TRENCH.

DATE: 6th MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 24 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm WO_3.
1	0'-3'	1810			175
2	3'-6'	760		Dark brown rubble - sharn.	<20
3	6'-9'	180			500
4	9'-12'	200			<20
5	12'-15'	370			150
6	15'-18'	230			450
7	18'-21'	180		Brown sludge - sharn.	650
8	21'-24'	180.			400.
				Hole stopped @ 24 feet - Ground too hard to penetrate	

596202

NO. 222. 222A 222B.

AUGER HOLE REPORT

LOCATION: KARA. N°1 - EAST OF TASMIVEX TRENCH. IN DRILLERS DUMP TRENCH.

DATE: 7th MAY. 1974

PROJECT: KARA - E.L. 17/67.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 15FT, 15FT, 16FT.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm. WO_3.
HOLE 222.					
1	0'-3'	3760			3750
2	3'-6'	1110		Dark brown rubble, highly magnetiferous.	1300
3	6'-9'	1540			600
4	9'-12'	240			100
5.	12'-15'	<20.		Brown clays and sludge.	200.
				Ground too hard at 15'	
HOLE 222A.					
1	0'-3'	4390			
2	3'-6'	990		Magnetite sharn rubble.	
3	6'-9'	1060			
4	9'-12'	130			
5	12'-15'	130.		Dark brown fine rubble.	
HOLE 222B.	0'-3'	1820			400
2	3'-6'	1510		Magnetite sharn rubble.	1400
3	6'-9'	200			275
4	9'-12'	20		Brown clays.	275
5	12'-15'	360			300
6.	15'-16'	300.			350.
				Hole stopped @ 16' - Ground too hard	

201

596203

AUGER HOLE REPORT

NO. 223 223A 223B.

LOCATION: KARA No 1 - EAST OF TASMINEX TRENCH No 1.

DATE: 1st MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 5FT, 5FT, 7FT.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3.
HOLE 223.					
1	0'-3'	1240	~~1240~~	Dark brown rubble - representing skarn.	550
2.	3'-5'	320	~~320~~		600.
				Ground too hard to penetrate.	
HOLE 223 A.					
1	0'-3'	670	~~670~~	Dark brown rubble.	
2.	3'-5'	1370	~~1370~~		
				Ground too hard to penetrate.	
HOLE 223 B.					
1	0'-3'	1260	~~1260~~	Brown rubble with magnetite fragments.	1600
2	3'-6'	1120	~~1120~~		100
3.	6'-7'	430	~~430~~		650.
				Unable to penetrate past 7'.	

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596204

AUGER HOLE REPORT

NO. 224 / 224 A.

LOCATION: KARA No 1 - CLOSURE AREA.

DATE: 9th MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 21 FT + 27 FT.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO3.
HOLE 224.					
1	0'-3'		650	Dark brown rubble with magnetite fragments	2675
2	3'-6'		120		350
3	6'-9'		70	Brown rubble and clays - representing skarn?	600
4	9'-12'		140		275
5	12'-15'		60		425
6	15'-18'		90		300
7	18'-21'		80		250
8	B.H. SAMP		70	Ground too hard to penetrate @ 21'	450.
HOLE 224 A.					
1	0'-3'		770	- surface rubble	750
2	3'-6'		620	Medium brown rubble and clays. Low magnetite particles.	700
3	6'-9'		120		500
4	9'-12'		60		300
5	12'-15'		90		200
6	15'-18'		80		300
7	18'-21'		130		50
8	21'-24'		90		325
9	24'-27'		70		600.
				Ground too hard @ 27 feet.	

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596205

AUGER HOLE REPORT

NO. 225

LOCATION: KARA. N°1 - CLOSURE AREA.

DATE: 9th MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 25 FEET

SAMPLER: J. SMITH

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm WO_3.
1	0'-3'		<20		200
2	3'-6'		<20		400
3	6'-9'		<20		150
4	9'-12'		<20		450
5	12'-15'		40	Dark brown rubble and clays.	150
6	15'-18'		60	Representing skarn?	500
7	18'-21'		70		450
8	21'-24'		140		400
9	24'-25'		90		600
				Ground too hard to penetrate 25'.	

596206

AUGER HOLE REPORT

NO. 226 / 226 A / 226 B.

LOCATION: KARA No 1 - CLOSURE AREA.

DATE: 10th MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 11 FT, 11 FT, 18 FT.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE XRF ppm - WO_3.
HOLE 226					
1	0'-3'		70		300
2	3'-6'		<20	Dark brown rubble - few magnetite fragments.	<20
3	6'-9'		<20		<20
4.	9'-11'		<20.		275.
				Ground too hard at 11 feet.	
HOLE 226A.					
1	0'-3'	40		Dark brown rubble and clays.	220
2	3'-6'	20			350
3	6'-9'	<20			300
4.	9'-11'	<20			<20.
				Ground hard @ 11'	
HOLE 226B.					
1	0'-3'	<20		Dark brown rubble with magnetite.	800
2	3'-6'	<20			275
3	6'-9'	<20		Dark brown rubble.	650
4	9'-12'	<20			1600
5	12'-15'	<20			500
6.	15'-18'	<20		Brown clay and shale.	750
				Ground too hard to penetrate @ 18 ft.	

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596207

AUGER HOLE REPORT

NO. 227 / 227A / 227B

LOCATION: KARA No 1 - CLOSURE AREA.

DATE: 10th MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 12FT, 11FT, 16FT.

SAMPLER: J. SMITH

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
HOLE 227.					
1	0'-3'	<20			450
2	3'-6'	<20		BROWN RUBBLE + CLAYS	~~750~~ <20
3	6'-9'	<20			300
4	9'-12'	<20			<20.
				HARD GROUND @ 12 FT.	
HOLE 227 A.					
1	0'-3'	20			<20
2	3'-6'	<20		MEDIUM BROWN COLOURED RUBBLE.	200
3	6'-9'	20			175
4.	9'-11'	<20			250
				GROUND HARD @ 12 FT.	
HOLE 227 B.					
1	0'-3'	30			525
2	3'-6'	20			625
3	6'-9'	20		Medium brown rubble.	<20
4	9'-12'	<20			350
5	12'-15'	<20			<20
6.	15'-16'	<20			350
				Hard ground @ 16feet	

596208

AUGER HOLE REPORT

NO. 228 / 228A.

LOCATION: KARA. - BOG TRENCH SOUTH OF SEC LINE 122.

DATE: 12th MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P McCORMICK.

TOTAL DEPTH: 5 FT + 22 FT.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm WO3.
HOLE 228.					
1	0'-3'	4560		DARK BROWN RUBBLE.	550
2.	3'-5'	2570		GROUND HARD @ 5'	225.
HOLE 228A.					
1	0'-3'	170			
2	3'-6'	60		Dark brown coloured rubble.	
3	6'-9'	220			
4	9'-12'	630			
5	12'-15'	680			
6	15'-18'	630			
7	18'-21'	700			
8	21'-24'	1330		Brown clay and sludge.	
9	24'-27'	2240			
10	27'-30'	2230			
11	30'-32'	1760			
	B.H.S.	280		Hard ground @ 32 feet.	

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596209

AUGER HOLE REPORT

NO. 229.

LOCATION: KARA - BOG TRENCH SOUTH OF SEC LINE 122

DATE: 12th May 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCormick

TOTAL DEPTH: 29 FEET

SAMPLER: J. Smith.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3
1	0'-3'	2680			90
2	3'-6'	1740		MAGNETITE-SKARN RUBBLE.	90
3	6'-9'	5220			450
4	9'-12'	4650			30
5	12'-15'	2580		DARK BROWN RUBBLE	300
6	15'-18'	2080		WITH MAGNETITE FRAGMENTS.	850
7	18'-21'	2060			675
8	21'-24'	1320			850
9	24'-27'	1140			250
10.	27'-29'	860		BROWN CLAYS + SLUDGE.	500
11	B.H. SAMP	240			75.
				Ground too hard to penetrate.	

-08

596210

AUGER HOLE REPORT

NO. 230.

LOCATION: KARA – BOG TRENCH. SOUTH OF SEC LINE 122.

DATE: 12th MAY 1974

PROJECT: KARA – E.L. 17/66.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 40 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
1	0'-3'				
2	3'-6'			DARK BROWN RUBBLE. – SKARN.	
3	6'-9'				
4	9'-12'				
5	12'-15'				
6	15'-18'			BROWN RUBBLE BECOMING FINER.	
7	18'-21'				
8	21'-24'				
9	24'-27'				
10	27'-30'				
11	30'-33'				
12	33'-36'			Brown clays and sludge.	
13	36'-39'				
14	39'-40'				
				Hard ground at 40'.	

596211

AUGER HOLE REPORT

NO. 231 / 231A / 231B

LOCATION: KARA – DOG TRENCH SOUTH OF SEC LINE. 122

DATE: 13th MAY 1974.

PROJECT: KARA – E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 17FT, 2FT, 21FT

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
HOLE 231.	0'-3'				
	3'-6'				
	6'-9'				400
	9'-12'			SAMPLES DESTROYED.	
	12'-15'				
	15'-17'			Ground too hard @ 17'.	500.
HOLE 231 A.					
	0'-2'			No sample - destroyed.	
HOLE 231B.					
1	0'-3'				380
2	3'-9'				2100
3	9'-15'			~~Brown Clays + Fine Rubble~~	420
4	15'-18'				250
5.	18'-21'				500
6.	B.H. SAMP.				470.
				Ground too hard to penetrate @ 21'	

.11

596212

AUGER HOLE REPORT

NO. 232.

LOCATION KARA NORTH.

DATE 16th MAY 1974.

PROJECT KARA - E.L. 17/68.

DRILLER P. McCORMICK.

TOTAL DEPTH 81 FEET.

SAMPLER J. SMITH.

DESCRIPTION BY C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3.
1	0'-3'				
2	3'-6'				
3	6'-9'				
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'				
9	24'-27'				
10	27'-30'			SAMPLES DESTROYED BY RAINS PRIOR TO EXAMINATION.	
11	30'-36'				
12	36'-39'				
13	39'-42'				
14	42'-45'				
15	45'-48'				<20
16	48'-51'				<20
17	51'-54'				175
18	54'-57'				<20
19	57'-60'				<20
20	60'-63.				<20

~10

596213

AUGER HOLE REPORT

NO. 232 (CONTINUE

LOCATION _____ DATE _____

PROJECT _____ DRILLER _____

TOTAL DEPTH _____ SAMPLER _____

DESCRIPTION BY _____

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
21	63'-66'				175
22	66'-69'				1200
23	69'-72'				100
24	72'-75'				<20
25	75'-78'				500
26	78'-81'				<20

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596214

AUGER HOLE REPORT

NO. 233

LOCATION: KARA NORTH.

DATE: 17th MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 36 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
1	0'-3'				
2	3'-6'				
3	6'-9'				
4	9'-12'				
5	12'-15'				
6.	15'-18'			Clays representing granite	
7	18'-21'				
8	21'-24'				
9	24'-27'				
10	27'-30'				
11	30'-33'				
12.	33-36'				

596215

AUGER HOLE REPORT

NO. 234.

LOCATION: KARA NORTH.

DATE: 17th MAY 1974.

PROJECT: KARA – E.L 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 36 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm – WO_3
1	0'-3'				
2	3'-6'			BROWNISH CLAYS + SLUDGE.	
3	6'-9'				
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'			FINE RUBBLE REPRESENTING SKARN. CONTAINS MAGNETITE FRAGMENTS.	
9	24'-27'			DARKER IN COLOUR.	
10	27'-30'				
11	30'-36'				
				HARD GROUND ENCOUNTERED @ 36 FT.	

14

596216

AUGER HOLE REPORT

NO. 235.

LOCATION: KARA NORTH.

DATE: 17th MAY. 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 33 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
1	0'-3'				
2	3'-6'				
3	6'-9'				
4	9'-12'			Brown rubble and clays	
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'				
9	24'-27'				
10	27'-33'			Buff yellow clays.	
				Hard ground @ 33	

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596217

AUGER HOLE REPORT

NO. 236 236A 236B

LOCATION: KARA NORTH

DATE: 11 MAY 1974.

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 11 FT, 9 FT, 9 FT

SAMPLER: I. SMITH

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
HOLE 236.					
	0'-3'				
	3'-6'				
	6'-9'			BROWN RUBBLE + CLAYS.	
	9'-11'			Hard ground at 11'	
HOLE 236A.					
	0'-3'				
	3'-6'			Brown rubble and clay.	
	6'-9'			Hard ground at 9'	
HOLE 236B.					
	0'-3'				
	3'-6'			Rubble and clay.	
	6'-9'				

596218

AUGER HOLE REPORT

NO. 237

LOCATION: KARA NORTH PROSPECT.

DATE: 20th MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK

TOTAL DEPTH: 24

SAMPLER: J. SMITH

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3.
1	0'-3'			- soil and landslip rubble.	
2	3'-6'				
3	6'-9'				
4	9'-12'				
5	12'-15'			clay and rubble representing GRANITE.	
6	15'-18'				
7	18'-21'				
8	21'-24'				
				Rods too tight @ 24'	

-17

596219

AUGER HOLE REPORT

NO. 238

LOCATION: KARA NORTH PROSPECT

DATE: 20th MAY 1974

PROJECT: KARA - E.L. 17/18.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 18 FEET.

SAMPLER: T. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE XRF ppm - WO_3.
1	0'-3'				
2	3'-6'				
3	6'-9'			Brown rubble representing shown	
4	9'-12'			Only small proportion of	
5	12'-15'			magnetite material	
6	15'-18				
				Hard ground @ 18 feet.	

218

596220

AUGER HOLE REPORT

NO. 239

LOCATION: KARA NORTH PROSPECT.

DATE: 20-21st May 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P McCORMICK

TOTAL DEPTH: 75 FEET

SAMPLER: J. SMITH.

DESCRIPTION BY: CH W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3.
1	0'-3'				
2	3'-6'			DARK BROWN RUBBLE WITH ABUNDANT MAGNETITE FRAGMENTS	
3	6'-9'				
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'			BROWN RUBBLE BECOMING FINER WITH DEPTH. — REPRESENTS SKARN	
9	24'-27'				
10	27'-30'				
11	30'-33'				
12	33'-36'				
13	36'-39'				
14	39'-45'				
15	45'-51'				
16	51'-57'				
17	57'-63'			BROWN CLAYS - SLUDGE.	
18	63'-66'				
19	66'-69'				
20	69'-72'				
21.	72-75'				

HARD GROUND @ 75 FEET.

596221

AUGER HOLE REPORT

NO. 240

LOCATION: KARA NORTH PROSPECT.

DATE: 21st MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 45 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3.
1	0'-3'				
2	3'-6'				
3	6'-9'			BLACK SOFT FINE DECOMPOSED MAGNETITE SKARN RUBBLE.	
4	9'-12'				
5	12'-15'				
6	15'-18'				
7	18'-21'				
8	21'-24'			DARK GREY FINE RUBBLE-SKARN.	
9	24'-27'				
10	27'-30'				
11	30'-33'				
12	33'-36'			BROWNISH RUBBLE (FINE) + CLAYS	
13	36'-39'				
14	39'-42'				
15	42'-45'				
				Hard ground at 45'	

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596222

AUGER HOLE REPORT

NO: 241

LOCATION: KARA NORTH PROSPECT.

DATE: 21st MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 9 FEET.

SAMPLER: J. SMITH.

DESCRIPTION BY: CHW.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	X.R.F. ppm - WO_3
1	0'-3'				
2	3'-6'			BROWNISH RUBBLE - SKARN.	
3	6'-9'				
				Unable to penetrate past 9'	

596223

AUGER HOLE REPORT

NO. 242 A. 242.

LOCATION: KARA EASTERN RIDGE - NORTH OF SEC 114.

DATE: 21st May 1974

PROJECT: KARA - E.L. 17/68

DRILLER: P. McCORMICK.

TOTAL DEPTH: 7' + 18'

SAMPLER: J. SMITH.

DESCRIPTION BY: C.H.W.

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR.	Interval (feet)	Description	PORTABLE X.R.F ppm - WO_3
HOLE 242.					
1	0'-3'			DARK COLOURED RUBBLE — BASALT.	
2	3'-6'				
3.	6'-7'				
				GROUND TOO HARD TO PENETRATE @ 7'	
HOLE 242 A.					
1	0'-3'			DARK COLOURED RUBBLE — BASALT	
2	3'-6'				
3	6'-9'				
4.	9'-12'				
5	12'-15'				
6.	15'-18'			BASALT RUBBLE ?	
				HARD GROUND @ 18'	

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596224

AUGER HOLE REPORT

NO. 243

LOCATION: KARA EAST RIDGE- NORTH SEC 1/4

DATE: 21st MAY 1974

PROJECT: KARA - E.L. 17/68.

DRILLER: P. McCORMICK.

TOTAL DEPTH: 3 FEET

SAMPLER: J. SMITH.

DESCRIPTION BY: CHW

ANALYTICAL RESULTS			LITHOLOGIC DESCRIPTION		
Sample No.	Interval (feet)	ppm W McPHAR	Interval (feet)	Description	PORTABLE X.R.F. ppm - WO_3
1	0'- 3'			RUBBLE - REPRESENTING BASALT	
				UNABLE TO PENETRATE 3'.	