ASTRONOMIC NORTH

ELSIE LAKE

MAIN FAULT

Au Showing

16680

16614

4869

4230

6863

9810

6842

6845

9813

9812

9814

9809

9811

476845

476847

476846

892080

927914

927927

BLANCHE RIVER

AMALGAMATED KIRKLAND- BLANCHE RIVER FAULT

ONTARIO NORTHLAND RAILROAD

L 196 V L 194 V L 190 V L 188 V L 186 V L 184 V L 182 V L 180 V L 178 V L 176 V L 174 V L 172 V L 170 V L 168 V L 166 V L 164 V L 162 V L 160 V L 158 V L 156 V L 154 V L 152 V L 150 V L 148 V L 146 V L 144 V L 142 V L 140 V L 138 V L 136 V L 134 V L 132 V L 130 V L 128 V L 126 V L 124 V L 122 V L 120 V L 118 V

24+00 N 32+00 N 16+00 N 8+00 N 0+00 8+00 S 16+00 S 24+00 S

J. Carmichael Aug./07

200 0 200 400 600 800 FEET

SCALE 1" = 400 FT.

KIRKLAND LAKE GOLD/QUEENSTON MINING
GRACIE WEST PROJECT

SURFACE PLAN/COMPILATION
TECK TOWNSHIP, DISTRICT OF TIMISKAMING, ONT
LARDER LAKE MINING DIVISION

DWG NO: 1	DATE: August /07	DRAWN BY:		DESIGNED	
PROJECT:	NTS:	SCALE:		CHECKED	
				APPROVED	

LEGEND

ROCK TYPES
- Conglomerate
- Basic Syenite
- Porphyry Syenite
- Late Biotite Lamprophyre
- Schist
- Tuff

SYMBOLS
- SWAMP/MARSH LAND
- TRAIL
- CLIFF
- DW 078 — SAMPLE LOCATION
- DW 060 41.20G/T — SAMPLE LOCATION WITH GOLD ASSAY IN PPB'S
- DW 032 (1320 ppb) — SAMPLE LOCATION WITH ANOMALOUS GOLD ASSAY IN PPB'S (>100 PPB'S)
- DDH-2M2001 Dip: -45° Azi: 330° L = 742' — KIRKLAND LAKE GOLD INC. DRILL HOLE (c. 2005)
- KINROSS KM97-002 — KINROSS DRILL HOLE (c. 1997)
- O'BRIEN #12 — M.J. O'BRIEN LTD. DRILL HOLE (c. 1937)
- A — AREAS RECOMMENDED FOR FUTURE WORK

STRUCTURE
- FAULT/BREAK
- Subvertical — SHEARING/SCHISTOSITY 78
- Subvertical — JOINT / FRACTURE CLEAVAGE 78
- MAFIC DIKE ARRAY (mostly subvertical)
- BEDDING with dip
- QUARTZ / CARBONATE VEIN 78
- LINEAMENTS

DRILL HOLE SECTION 155+00W
SECTION LOOKING 060°
CLAIM 6863

Surface Grab Sample
1320 ppb Au

MAIN BREAK?

2100 N | 2000 N | 1900 N | 1800 N | 1700 N | 1600 N | 1500 N | 1400 N | 1300 N | 1200 N | 1100 N

−100 EL
−200 EL
−300 EL
−400 EL
−500 EL
−600 EL
−700 EL
−800 EL

CONGLOMERATE
DIABASE
GREYWACKE
TUFF

KIRKLAND LAKE GOLD INC.

GRACIE WEST PROJECT

DRILL HOLE SECTION 155+00W
SECTION LOOKING GRID EAST

2 0 2 4 6 8 Feet
SCALE 1: 40

LEGEND

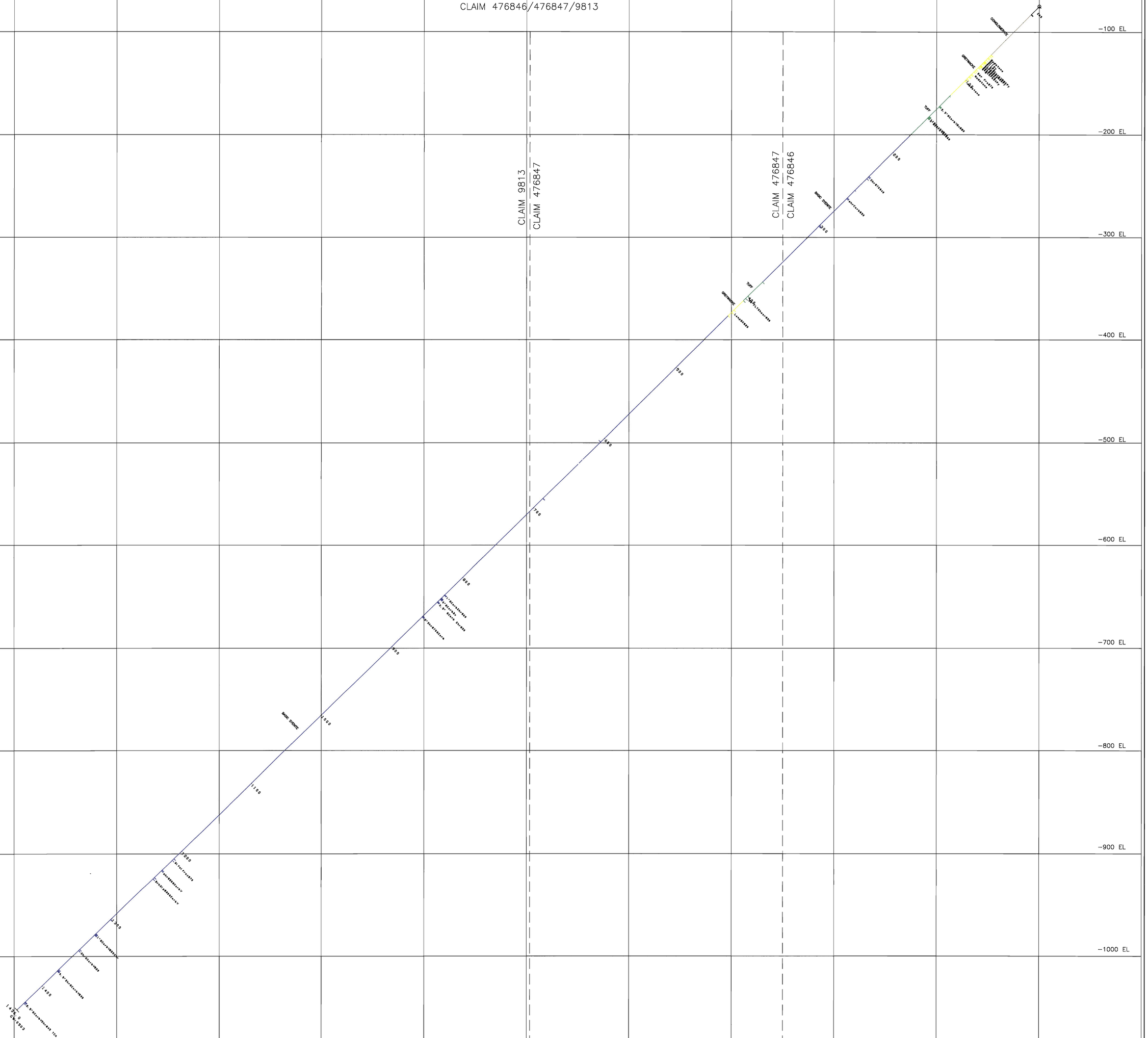
- BASIC SYENITE
- CONGLOMERATE
- DYKE
- FELSIC SYENITE
- GREYWACKE
- PORPHYRY
- TRACHYTE
- TUFF

DATE: Aug/07		DRAWN: S.C.			
DRAWING No.2					

Aug. 1/07

DRILL HOLE SECTION 137+75W
SECTION LOOKING 060°
CLAIM 476846/476847/9813

CLAIM 9813
CLAIM 476847
CLAIM 476847
CLAIM 476846



-100 EL
-200 EL
-300 EL
-400 EL
-500 EL
-600 EL
-700 EL
-800 EL
-900 EL
-1000 EL
-1100 EL
-1200 EL
-1300 EL

300 S | 400 S | 500 S | 600 S | 700 S | 800 S | 900 S | 1000 S | 1100 S | 1200 S | 1300 S | 1200 N

KIRKLAND LAKE GOLD INC.

GRACIE WEST PROJECT

DRILL HOLE SECTION 137+75W
SECTION LOOKING GRID EAST

20 0 20 40 80 FEET
SCALE 1: 40

LEGEND

BASIC SYENITE
CONGLOMERATE
DYKE
FELSIC SYENITE
GREYWACKE
PORPHYRY
TRACHYTE
TUFF

DATE: Aug/07		DRAWN: S.C.	
DRAWING No. 3		S. Cermichael Aug/07	