YOUNG-DAVIDSON MINES, LIMITED

2002-2003
DIAMOND DRILL HOLE LOGS

M02-01 TO M03-68 (inclusive)

(including extension holes as:
M02-02x
M03-34a
M03-58x
M03-59x)

for the

MATACHEWAN GOLD PROJECT

Larder Lake Mining Division,
Powell and Cairo Townships,
Ontario, Canada

NTS 41P/15

Aug 3/04

PROFESSIONAL GEOSCIENTIST
R. V. ZALNIERIUNAS
PRACTISING MEMBER
0391
ONTARIO

Drill Log Format:

a) Collar and Drilling Data

b) Lithology and Assay Data

from (ft) *to*(ft) *lithology name* Assay Data Columns
lithology description

alteration codes [1]

significant mineralization

- *sub-lithology description*
- .
- .
- .

c) Downhole (EZ-Shot) Survey Data

Note 1: **Alteration Letter Codes**

as *L#* (*L*= letter code of alteration, #= number strength code of alteration) where:

A /ank = iron carbonate (ankerite / ferro-dolomite as defined by staining using using potassium ferricynide)
C /cc = calcium carbonate (calcite reaction with 10% dilute HCl)
M /mag = magnetic response of core to hand magnet

Other alteration that may be noted includes:
K/ser= sericite
Epid= epidote
H/hem= hematite
chl= chlorite

Alteration Strength Code Matrix

	Spotty	Pervasive
Strong	5	6
Moderate	3	4
Weak	1	2

Examples: M6 = strong pervasive magnetic response
C1-0= weak spotty to no calcite
hem2= weak pervasive hematite
etc...

Other Abbreviations:

t	thin	py	pyrite
th	thick	cp	chalcopyrite
b	bed/bedded	gn	galena
l	laminated	hem	hematite
thd	thread	spec	specular hematite
fg/mg/cg	fine/medium/coarse grained	VG	visible gold
fol'd/foln	foliated/foliation	qv, qstr	quartz vein, quartz stringer
schty	schistosity	cv	carbonate vein
dca	degrees to core angle	cc	calcite
ptf/pts/ptb	parallel to foliation/schty/bedding	qc	quartz-carbonate
TC	top contact	cls	chlorite schist
BC	bottom contact	gr	green
WAC	white alteration spots - calcite	gy	grey
WAA	white alteration spots - ankerite	bl	black
WAD	white alteration spots - dolomite		
fuch	fuchsite		

GEOLOGICAL DRILL LOGGING LEGEND

PHANEROZOIC
(2) Overburden, Casing, lost core etc.

PRECAMBRIAN
PROTEROZOIC

(Ndia) Nipissing Diabase

(8) HURONIAN SEDIMENTS (PSED)
m-mudstone
a-arkose
w-greywacke
c-conglomerate

(5) Matachewan Diabase (Dia)

ARCHEAN

INTRUSIVES
(6) LATE GREY INTRUSIVES
(6grn) Granite
(6ctz) Contact Zone
(6fpp) Feldspar Porphyry
(6syn) Syenite

(3) Mineralized / Altered Zone
(3) Grey Carbonate / Qtz-breccia
(3fuch) Green Carbonate
(10) Barite Vein

ALKALIC INTRUSIVES
(9) Lamprophyre

(7) ALKALIC INTRUSIVES
(Red & Brown Mine Series)
(7ctz) Contact Zone
(7qfp) Quartz-Feldspar Porphyry
(7syp) Trachy Syenite Porphyry
(7syn) Syenite
(7fpp) Feldspar porphyry

SEDIMENTS

(11) Iron Formation (oxide & sulf.)

STRUCTURAL FOOTWALL

(1) TEMISKAMING SEDIMENTS (Tsed)
m-mudstone
a-arkose
w-greywacke
c-conglomerate

STRUCTURAL HANGING WALL

(4) GREENSTONE

(4sed) Interflow Sediments (ifs)
(4ms) Massive Sulfides
(4cht) Chert
(4lsed) Turbidites
m-mudstone
a-arkose
w-greywacke
c-conglomerate
pc-pebble conglomerate
(4msed) mafic sediments
(4ums) ultramafic sediment

SCHISTS

(4cls) chlorite
(4ses) sericite
(4tcs) talc-chlorite

METAVOLCANICS

(4tuf) Tuff unsubdivided
(4fvo) felsic
(4ivo) intermediate
(4mvo) mafic
(4umv) ultramafic

Volcanic Modifiers
b - breccia
fb - flow top breccia
pb - pillow breccia
p - pillowed
m - massive
t - tuffaceous
v - variolitic

MINERALIZATION:
asp - arsenopyrite
cp - chalcopyrite
gn - galena
hem - hematite
mag - magnetite
mo _ molybdenite
po - pyrrhotite
py - pyrite
sp - sphalerite
spec - specularite
VG - gold

GANGUE
amp - amphibole
ba - barite
bio - biotite
carb - carbonate
ank - ankerite
cc - calcite
dol - dolomite
sid - siderite
Fe-carb - iron carbonate
chl - chlorite
epid - epidote
flu - fluorite
fuch - fuchsite
gf - graphite
tour - tourmaline

NOTES:
v, qv, cv - vein, qtz vein, carb.vein
str(s) - stringer(s)
sil - silicified
u/g - underground

YOUNG-DAVIDSON MINES, LIMITED

2002-2003
DIAMOND DRILL HOLE COLLAR DATA
and
SIGNIFICANT GOLD INTERSECTIONS

Young-Davidson Mines, Limited
MATACHEWAN GOLD PROJECT
2002-2003 DDH Collars

Hole_No	Eastings	Northings	Elevation	Depth (EOH)	Length (ft)	Dip	Bearing	Core Size	Rig Type	Drilling Dates	Logged By	Log Date	Township / Claim / Grid Location
M02-01	5905	2911	7980	816.90	816.90	-45	1	BQ	B-20	Oct. 28-31/02	R. V. Zalnieriunas	2-Nov-02	POWELL TP. CLAIM: MR 5380 L59+05E/29+11N
M02-02	6198	2100	7980	482.30	482.30	-45	360	BQ	B-20	Oct.31-Nov.1/02	R. V. Zalnieriunas	3-Nov-02	POWELL TP; CL:MR5401 & 5380 L62E/21+00N
M02-02x	6198	2100	7980	650.20	**167.90**	-45	360	BQ	B-20	Nov.13/02 ext'n	R. V. Zalnieriunas	18-Nov-02	POWELL TP.; CL: MR 5401 & 5380 L62E/21+00N
M02-03	7197	2300	7965	1138.30	1138.30	-45	1	BQ	B-20	Nov.1-5/02	R.V. Zalnieriunas	7-Nov-02	POWELL TP.; CLAIM: MR 5401 L72E/23+00N
M02-04	7602	2000	7968	551.10	551.10	-45	1	BQ	B-20	Nov.5-6/02	R. V. Zalnieriunas	9-Nov-02	POWELL TP.; CLAIM: 1224878 L76E/20+00N
M02-05	7602	2000	7968	406.60	406.60	-70	1	BQ	B-20	Nov. 6-7/02	R. V. Zalnieriunas	10-Nov-02	POWELL TP.; CLAIM: 1224878 L76E/ 20+00N
M02-06	7070	2140	7968	981.00	981.00	-45	54	BQ	B-20	Nov.7-12/02	R. V. Zalnieriunas	16-Nov-02	POWELL TP.; CLAIM: MR 5401
M02-07	7802	2430	7963	298.10	298.10	-45	1	BQ	B-20	Nov.14/02	R. V. Zalnieriunas	19-Nov-02	POWELL TP.; CLAIMS: 122487 & MR5402 L78E/24+30N
M02-08	8200	2660	7972	1332.00	1332.00	-45	335	BQ	B-20	Nov. 15-20/02	R. V. Zalnieriunas	24-Nov-02	POWELL TP.; CLAIM: MR 5402 L82E/26+60N
M02-09	9401	3230	7984	859.40	859.40	-45	341	BQ	B-20	Nov. 21-25/03	Dan McCormack	26-Nov-02	POWELL TP; CLAIM:MR5712 Line:94+00E Stat:32+50N
M02-10	9400	3084	7992	78.70	78.70	-45	1	BQ	B-20	Nov.25-27/03	R.V. Zalnieriunas	29-Nov-03	POWELL TP; CLAIM:MR5712 Line:93+95E Stat:31+04N
M02-11	9400	3090	7992	492.10	492.10	-45	2	BQ	B-20	Nov.27-28/02	R.V. Zalnieriunas	1-Dec-02	POWELL TP; CLAIM:MR5712 Line:93+95E Stat:31+10N
M02-12	9600	2835	7982	790.60	790.60	-45	335	BQ	B-20	Nov.29-Dec.2/02	R.V. Zalnieriunas	5-Dec-02	POWELL TP; CLAIM:MR5396 Line:96+00E Stat:31+00N
M02-13	9000	3091	8025	235.40	235.40	-45	360	BQ	B-20	Dec.2-3/02	D. McCormack	5-Dec-02	POWELL TP; CL:MR5712 L90E,31+00N
M02-14	9000	3221	8028	235.90	235.90	-45	360	BQ	B-20	Dec.4/02	R.V. Zalnieriunas	6-Dec-02	POWELL TP; CLAIM:MR5712 Line:90E Stat:32+30N
M02-15	9000	3392	8029	232.30	232.30	-45	360	BQ	B-20	Dec.4-5/02	R.V. Zalnieriunas	8-Dec-02	POWELL TP; CLAIM:MR5712 Line:90E Stat:34+00N
M02-16	9600	2835	7960	229.70	229.70	-45	360	BQ	B-20	Dec.6/02	R.V. Zalnieriunas	9-Dec-02	POWELL TP; CLAIM:MR5396 Line:96E Stat:28+50N
M02-17	9609	3832	7962	197.00	197.00	-45	355	BQ	B-20	Dec.7/02	R.V. Zalnieriunas	9-Dec-02	POWELL, CL 1207550 L96+15E 38+45N
M02-18	10370	2918	7914	1125.50	1125.50	-45	335	BQ	B-20	Dec.8-14/02	R.V. Zalnieriunas	13-Dec-02	CAIRO & POWELL TP; CLAIM:MR5707 L104E/29+00N
M02-19	10425	2368	7936	879.80	879.80	-45	270	BQ	B-20	Dec.13-15/02	R.V. Zalnieriunas	17-Dec-03	CAIRO & POWELL TP; CLAIM:537316 L104+50E/23+50N
M02-20	10640	2118	7940	954.70	954.70	-45	180	BQ	B-20	Dec.15-19/02	D. McCormack	20-Dec-02	CAIRO TP; CLAIM:537316 L106+50E Stat:21+00N
M02-21	10635	2118	7940	308.00	308.00	-45	270	BQ	B-20	Dec. 19-20/02	R.V. Zalnieriunas	9-Jan-03	CAIRO TP; CLAIM:537316 L106+45E Stat:21+00N
M03-22	11370	2390	7939	430.30	430.30	-45	360	BQ	B-20	Jan.6-8/03	R.V. Zalnieriunas	12-Jan-03	CAIRO TP; CLAIM:MR5417 Line:114E Stat:23+50N
M03-23	11652	2456	7929	226.40	226.40	-45	360	BQ	B-20	Jan.8-9/03	R.V. Zalnieriunas	12-Jan-03	CAIRO TP; CLAIM:MR5417 L116+80E Stat:24+00N
M03-24	11358	2990	7954	328.20	328.20	-45	360	BQ	B-20	Jan.9-10/03	R.V. Zalnieriunas	13-Jan-03	CAIRO TP; CLAIM:MR5417 L114E Stat:29+50N
M03-25	11348	3340	7972	295.30	295.30	-45	360	BQ	B-20	Jan.10-11/03	R.V. Zalnieriunas	14-Jan-03	CAIRO TP; CLAIM:MR5417 Line:114E Stat:33+00N
M03-26	11600	4150	8005	452.80	452.80	-45	360	BQ	B-20	Jan.11-12/03	R.V. Zalnieriunas	17-Jan-03	CAIRO TP; CLAIM:MR5455 L117+28E/41+00N
M03-27	11868	4121	7983	453.30	453.30	-45	360	BQ	B-20	Jan.13-14/03	R.V. Zalnieriunas	19-Jan-03	CAIRO TP; CLAIM:MR5455 Line:120E Stat:40+50N
M03-28	11323	3980	8008	885.70	885.70	-45	360	BQ	B-20	Jan.14-18/03	R.V. Zalnieriunas	23-Jan-03	CAIRO TP; CLAIM:MR5454 Line:114E Stat:39+40N
M03-29	11335	3620	7978	157.50	157.50	-45	178	BQ	B-20	JAn.18/03	R.V. Zalnieriunas	23-Jan-03	CAIRO TP; CLAIM:MR5417 L114E Stat:33+80N
M03-30	11905	3070	7947	403.70	403.70	-45	355	BQ	B-20	Jan.19-20/03	R.V. Zalnieriunas	26-Jan-03	CAIRO TP; CLAIM:537314 L120E Stat:30+00N
M03-31	11832	2457	7942	318.70	318.70	-45	47	BQ	B-20	Jan.23/03	R.V. Zalnieriunas	26-Jan-03	CAIRO TP; CLAIM:MR5417&537314 L118+95,24+00N
M03-32	12060	2472	7925	393.60	393.60	-45	45	BQ	B-20	Jan.23-24/03	R.V. Zalnieriunas	28-Jan-03	CAIRO TP; CLAIM:537314 L121+25E Stat:22+00N
M03-33	9965	1378	7935	1063.00	1063.00	-45	45	BQ	B-20	Jan.25-30/03	R.V. Zalnieriunas	31-Jan-03	POWELL TP; CLAIM:MR5396 L99+85E Stat:14+05N
M03-34	10220	200	7918	291.10	291.10	-45	90	BQ	B-20	Jan.31-Feb.2/03	R.V. Zalnieriunas	3-Feb-03	CAIRO & POWELL; CLAIMS:1207518-1207508 L102+50E 2N
M03-34a	10320	175	7917	394.50	394.50	-45	90	BQ	B-20	Feb.2-4/03	R.V. Zalnieriunas	6-Feb-03	CAIRO TP; CLAIM:1207518 L103+55E Stat:1+75N
M03-35	11367	1565	7917	773.70	773.70	-45	360	BQ	B-20	Feb.4-8/03	R.V. Zalnieriunas	11-Feb-03	CAIRO TP; CLAIM:537316 L114E Stat:15+25N

Young-Davidson Mines, Limited
MATACHEWAN GOLD PROJECT
2002-2003 DDH Collars

Hole_No	Eastings	Northings	Elevation	Depth (EOH)	Length (ft)	Dip	Bearing	Core Size	Rig Type	Drilling Dates	Logged By	Log Date	Township / Claim / Grid Location
M03-36	400	1802	8087	2579.70	2579.70	-80	360	**NQ**	B-20 & H&S35	Feb.22-Mar.19/03	A. W. Beecham	21-Mar-03	POWELL TP. CL:MR5922(Shirriff) L4E, 18+02.3N
M03-37	7292	2165	7965	401.50	401.50	-45	55	BQ	B-25	March 4-7/03	Reno Pressacco	7-Mar-03	POWELL TP.; CLAIM: MR 5401 XL26+73NE, 19+97NW
M03-38	6342	2721	7970	202.00	202.00	-45	325	BQ	B-25	March 7-8/03	Reno Pressacco	14-Mar-03	POWELL TP.; CLAIM: MR 5380 XL 22+00NE, 29+95NW
M03-39	6341	2564	7965	251.80	251.80	-58	325	BQ	B-25	March 17-18/03	Reno Pressacco	20-Mar-03	POWELL TP.; CLAIM: MR 5380 XL21+16NE, 28+67NE
M03-40	6265	2498	7965	251.40	251.40	-58	325	BQ	B-25	March 18-19/03	Reno Pressacco	21-Mar-03	POWELL TP.; CLAIM: MR 5380 XL20+15NE, 28+57NW
M03-41	6361	2361	7965	573.40	573.40	-45	325	BQ	B-25	March 15-17/03	Reno Pressacco	19-Mar-03	POWELL TP.; CLAIM: MR 5380 XL20+18NE, 26+87NW
M03-42	2200	2010	7878	692.20	692.20	-45	360	BQ	H&S35	Mar. 20-23/03	A.W. Beecham	24-Mar-03	POWELL TP.; CLAIM: MR 5372
M03-43	6280	2302	7969	433.00	433.00	-45	325	BQ	B-25	March 19-21/03	Reno Pressacco	23-Mar-03	POWELL TP.; CLAIM: MR 5380 XL19+18NE, 26+82NW
M03-44	3600	1600	7903	229.30	229.30	-45	360	BQ	H&S35	March 24-25/03	R. V. Zalnieriunas	25-Mar-03	POWELL TP. CLAIM: MR 5375
M03-45	6196	2246	7975	646.00	646.00	-45	325	BQ	B-25	March 21-23/03	Reno Pressacco	26-Mar-03	POWELL TP.; CLAIM: MR 5380 XL18+16NE,26+87NW
M03-46	6270	2143	7985	593.40	593.40	-58	325	BQ	B-25	March 23-25/03	Reno Pressacco	28-Mar-03	POWELL TP.; CLAIM: MR 5401 XL18+16NE,25+60NW
M03-47	6101	2033	7975	681.50	681.50	-45	325	BQ	B-25	March 25-27/03	Reno Pressacco	31-Mar-03	POWELL TP.; CLAIM: MR 5401 XL16+20NE,25+61NW
M03-48	6470	2709	7965	196.80	196.80	-45	325	BQ	B-25	March 31-April 1/03	Reno Pressacco	5-Apr-03	POWELL TP.; CLAIM: MR 5380 XL23+00NE, 29+10NW
M03-49	5848	1999	7958	585.50	585.50	-75	325	BQ	B-25	March 29-30/03	Reno Pressacco	3-Apr-03	POWELL TP.; CLAIM: MR 5401 XL14+00NE,26+75NW
M03-50	3405	1827	7948	1348.10	1348.10	-67	359	BQ	H&S35	March 25-30/03	R. V. Zalnieriunas	31-Mar-03	POWELL TP; CLAIM:MR5371 Line:34+05E Stat:18+27N
M03-51	2600	2170	7878	364.20	364.20	-45	360	BQ	H&S35	Mar.30-31/03	R. V. Zalnieriunas	2-Apr-03	POWELL TP; CLAIM:MR5372 Line:26+00E Stat:21+70N
M03-52	2800	2407	7939	305.10	305.10	-45	359	BQ	H&S35	Apr.1-2/03	R. V. Zalnieriunas	6-Apr-03	POWELL TP; CL:MR5372 L:28+00E Stat:24+07N
M03-53	2406	2590	7900	237.30	237.30	-45	360	BQ	H&S35	Apr.2-3/03	Reno Pressacco	3-Apr-03	POWELL TP; CLAIM:MR5372 Line:24+06E Stat:25+90N
M03-54	1600	2940	7884	999.80	999.80	-45	180	BQ	H&S35	Apr.3-10/03	Reno Pressacco	4-Apr-03	POWELL TP; CLAIM:MR5376 Line:16+00E Stat:29+40N
M03-55	6101	2033	7975	468.10	468.10	-60	325	BQ	B-25	Mar.27-28/03	Reno Pressacco	2-Apr-03	POWELL TP.; CLAIM: MR 5401 XL16+20NE,2561NW
M03-56	6372	2676	7965	300.00	300.00	-70	325	BQ	B-25	March 30-31/03	Reno Pressacco	4-Apr-03	POWELL TP.; CLAIM: MR 5380 XL22+00NE,2940NW
M03-57	6502	2474	7965	246.00	246.00	-90	vertical	BQ	B-25	April 2-3/03	Reno Pressacco	5-Apr-03	POWELL TP.; CLAIM: MR 5380 XL22+00NE,27+00NW
M03-58	6395	2279	7967	349.60	349.60	-90	vertical	BQ	B-25	April 3-4/03	Reno Pressacco	7-Apr-03	POWELL TP.; CLAIM: MR 5380 XL20+00NE,26+00NW
M03-58x	6395	2279	7967	547.90	**198.30**	-90	vertical	BQ	B-25	May 9-10/03 ext'n	R.V. Zalnieriunas	13-May-03	POWELL TP.; CLAIM: MR 5380 XL20+00NE,26+00NW
M03-59	6288	2081	7980	359.80	359.80	-90	vertical	BQ	B-25	April 4-5/03	Reno Pressacco	7-Apr-03	POWELL TP.; CLAIM: MR 5401 XL18+00NE,25+00NW
M03-59x	6288	2081	7980	685.00	**325.20**	-90	vertical	BQ	B-25	May 10-12/03 ext'n	R.V. Zalnieriunas	14-May-03	POWELL TP.; CLAIM: MR 5401 XL18+00NE,25+00NW
M03-60	1600	2916	7884	416.00	416.00	-45	360	BQ	H&S35 & B-25	Apr.10-11/03	Reno Pressacco	14-Apr-03	POWELL TP; CLAIM:MR5376 Line:16+00E Stat:29+16N
M03-61	5400	1900	7955	251.70	251.70	-45	360	BQ	B-25	Apr.12-13/03	Reno Pressacco	16-Apr-03	POWELL TP; CLAIM:MR5406 Line:54+00E Stat:19+00N
M03-62	5400	1200	7962	681.70	681.70	-45	360	BQ	B-25	Apr.14-24/03	Reno Pressacco	26-Apr-03	POWELL TP; CLAIM:MR5406 Line:54+00E Stat:12+00N
M03-63	5000	1600	7955	537.00	537.00	-45	360	BQ	B-25	Apr.24-25/03	Reno Pressacco	28-Apr-03	POWELL TP; CLAIM:MR5406 Line:50+00E Stat:16+00N
M03-64	4600	1800	7955	397.60	397.60	-45	360	BQ	B-25	Apr.26-27/03	Reno Pressacco	29-Apr-03	POWELL TP; CLAIM:MR5383 Line:46+00E Stat:18+00N
M03-65	4600	1016	7900	417.10	417.10	-45	360	BQ	B-25	Apr.28-29/03	Reno Pressacco	1-May-03	POWELL TP; CLAIM:MR5383 Line:46+00E Stat:10+16N
M03-66	6268	1936	7975	799.00	799.00	-55	325	BQ	B-25	Apr.29-May 2/03	Reno Pressacco	3-May-03	POWELL TP.; CLAIM: MR 5401 XL17+00NE,23+93NW
M03-67	6310	2228	7980	847.00	847.00	-65	325	BQ	B-25	May 2-5/03	Reno Pressacco	6-May-03	POWELL TP.; CLAIM: MR 5380 XL19+00NE,26+08NW
M03-68	6468	2347	7965	711.80	711.80	-45	325	BQ	B-25	May 5-9/03	Pressacco & Zalnieriunas	12-May-03	POWELL TP.; CLAIM: MR 5380 XL21+00NE,26+12NW

72 drill logs **38,539.00 ft drilled by Heath & Sherwood Drilling (1986) Inc.** **Logged during: October 28, 2002 to May 12, 2003**

Young-Davidson Mines, Limited
MATACHEWAN GOLD PROJECT
2002-2003 Significant Drilled Gold Intersections

Hole_No	From (ft)	Eastings	Northings	Elevation	To (ft)	Eastings	Northings	Elevation	Estimated Core Angle*	Core length (ft)	Estimated True Width (ft)	Weighted Average Au (opt)	Interval	Oz/T * Ft
M02-01	151.50	5908.39	3020.65	7875.52	156.50	5908.52	3024.31	7872.11	55	5.00	4.10	0.110	3	0.45
M02-02	**458.40**	**6201.91**	**2439.28**	**7672.34**	**476.90**	**6201.91**	**2446.36**	**7666.40**	**N.A.**	**18.50**	------	**0.432**	**2**	------
M02-02x	**486.30**	**6201.73**	**2460.67**	**7654.43**	**504.40**	**6201.21**	**2474.61**	**7642.91**	**N.A.**	**18.10**	------	**0.084**	**3**	------
M02-02x	**534.10**	**6200.34**	**2497.50**	**7624.00**	**549.60**	**6199.89**	**2509.44**	**7614.13**	**N.A.**	**15.50**	------	**0.070**	**4**	------
M02-02x	**556.70**	**6199.57**	**2514.93**	**7609.64**	**560.10**	**6199.40**	**2517.57**	**7607.50**	**N.A.**	**3.40**	------	**0.170**	**5**	------
M02-04	146.70	7604.18	2104.07	7864.63	150.00	7604.24	2106.42	7862.31	65	3.30	2.99	0.143	1	0.43
M03-36	**1904.00**	**373.71**	**2185.41**	**6222.55**	**1909.00**	**373.63**	**2186.59**	**6217.70**	**39**	**5.00**	**3.15**	**2.381**	**1**	**7.49**
M03-38	35.60	6328.09	2741.96	7944.96	37.60	6327.31	2743.15	7943.55	**N.A.**	2.00	------	0.176	1	------
M03-40	27.30	6256.27	2510.33	7942.03	29.30	6255.65	2511.21	7940.34	**N.A.**	2.00	------	0.206	1	------
M03-43	**188.20**	**6200.88**	**2417.28**	**7843.58**	**191.70**	**6199.37**	**2419.45**	**7841.30**	**N.A.**	**3.50**	------	**3.336**	**1**	------
M03-43	386.00	6114.24	2541.08	7715.96	387.00	6113.80	2541.72	7715.33	**N.A.**	1.00	------	0.248	2	------
M03-43	**408.00**	**6104.49**	**2555.01**	**7702.00**	**410.30**	**6103.47**	**2556.47**	**7700.54**	**N.A.**	**2.30**	------	**0.509**	**3**	------
M03-45	**104.00**	**6152.89**	**2306.46**	**7901.97**	**109.40**	**6150.64**	**2309.59**	**7898.20**	**N.A.**	**5.40**	------	**0.101**	**1**	------
M03-45	624.20	5941.07	2635.46	7559.75	628.00	5939.45	2637.98	7557.41	**N.A.**	3.80	------	0.107	2	------
M03-46	**405.30**	**6137.54**	**2325.23**	**7648.11**	**423.60**	**6131.24**	**2333.80**	**7633.22**	**N.A.**	**18.30**	------	**0.145**	**1**	------
M03-47	**421.30**	**5920.67**	**2285.67**	**7690.08**	**428.70**	**5917.44**	**2290.27**	**7685.26**	**N.A.**	**7.40**	------	**0.077**	**2**	------
M03-50	**830.00**	**3390.53**	**2189.06**	**7201.99**	**835.00**	**3390.44**	**2191.60**	**7197.68**	**55**	**5.00**	**4.10**	**0.262**	**6**	**1.07**
M03-50	845.00	3390.24	2196.87	7189.19	850.00	3390.14	2199.56	7184.98	58	5.00	4.24	0.113	7	0.48
M03-50	870.70	3389.73	2210.71	7167.54	873.70	3389.67	2212.32	7165.01	58	3.00	2.54	0.135	8	0.34
M03-50	**1266.80**	**3377.22**	**2429.63**	**6837.71**	**1277.40**	**3376.84**	**2435.63**	**6828.98**	**59**	**10.60**	**9.09**	**0.127**	**10**	**1.15**
M03-54	66.00	1599.01	2893.62	7837.05	71.00	1598.90	2890.12	7833.49	**N.A.**	5.00	------	0.124	1	------
M03-56	**22.20**	**6367.79**	**2682.49**	**7944.22**	**28.00**	**6366.64**	**2684.18**	**7938.79**	**N.A.**	**5.80**	------	**0.184**	**1**	------
M03-56	**279.80**	**6310.40**	**2770.06**	**7709.10**	**288.70**	**6308.15**	**2773.52**	**7701.21**	**N.A.**	**8.90**	------	**0.277**	**3**	------
M03-58	308.60	6394.58	2298.06	7659.06	310.30	6394.59	2298.20	7657.37	**N.A.**	1.70	------	0.100	2	------
M03-59	168.60	6286.81	2084.11	7811.43	169.60	6286.80	2084.15	7810.43	**N.A.**	1.00	------	0.124	3	------
M03-66	**31.00**	**6258.47**	**1951.33**	**7949.50**	**35.20**	**6257.23**	**1953.37**	**7946.04**	**N.A.**	**4.20**	------	**0.447**	**1**	------
M03-67	113.00	6283.91	2270.11	7878.28	114.80	6283.48	2270.80	7876.68	**N.A.**	1.80	------	0.207	1	------
M03-67	413.70	6210.02	2387.29	7611.41	416.20	6209.39	2388.27	7609.20	**N.A.**	2.50	------	0.147	2	------
M03-68	**452.50**	**6283.56**	**2619.85**	**7655.30**	**465.00**	**6278.46**	**2627.66**	**7646.97**	**N.A.**	**12.50**	------	**0.188**	**2**	------

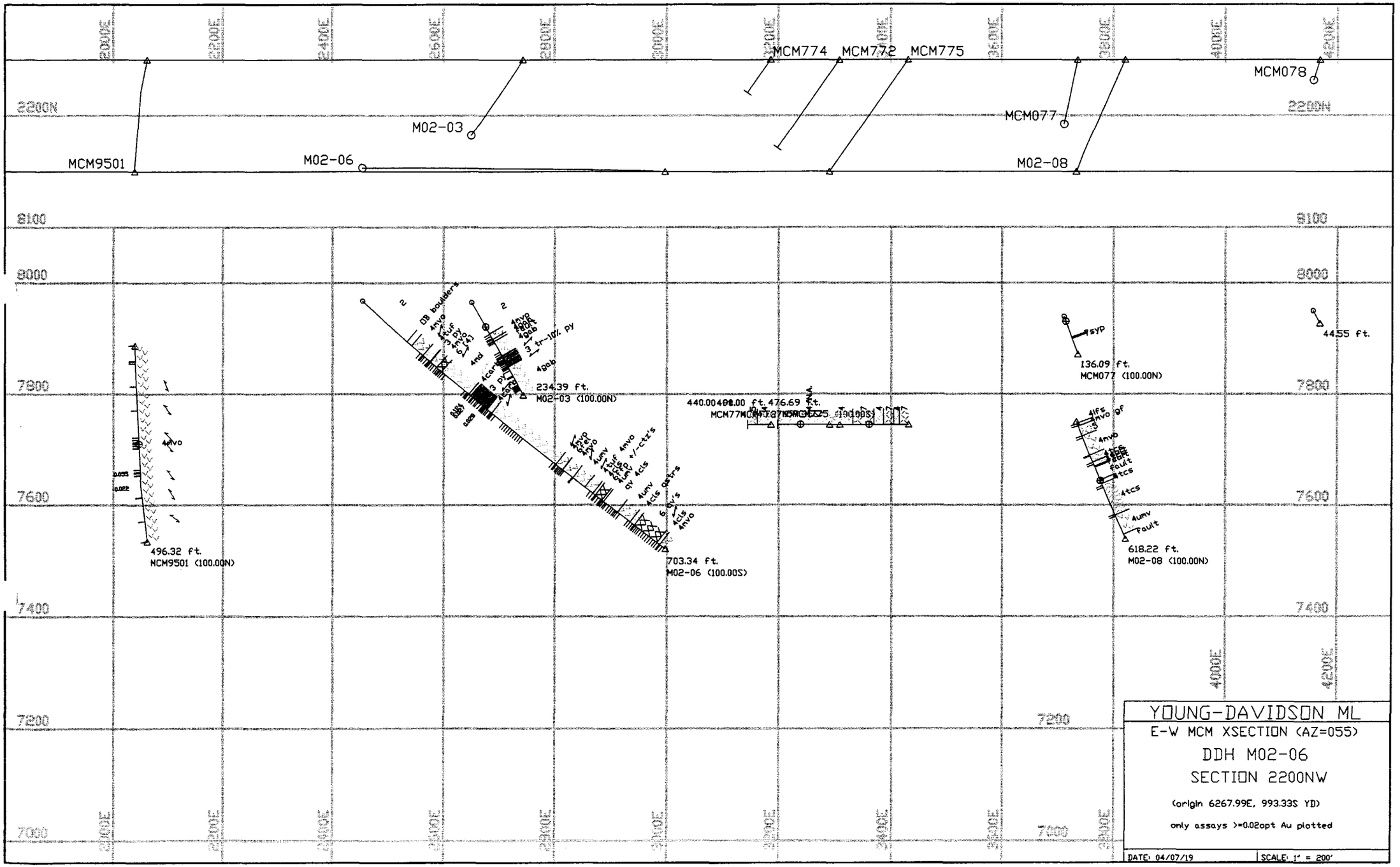
*** NOTES:**

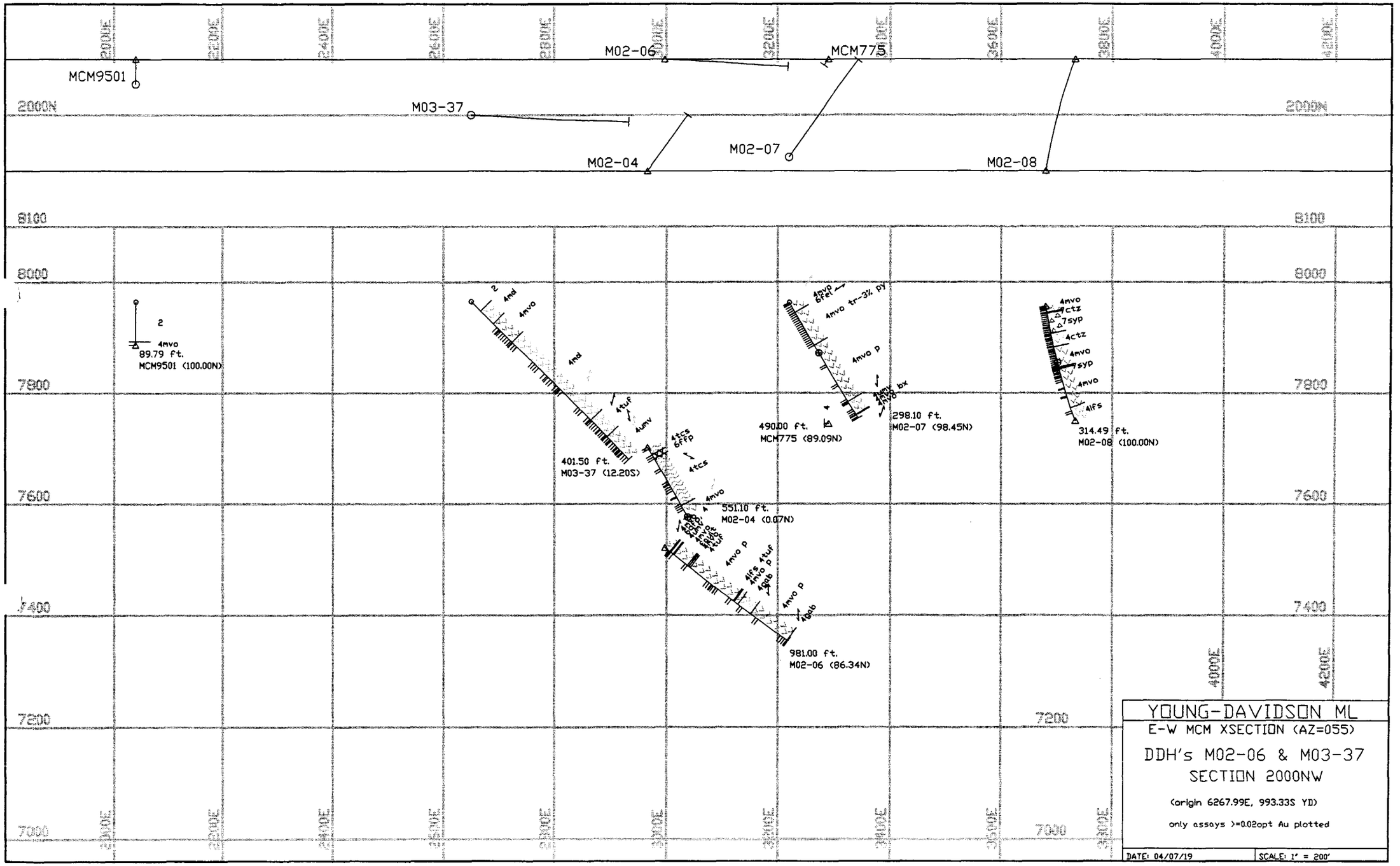
1 Apparent core angles defined relative to mineralized attitudes as follows:
YD (west of 55+00E): strike 090, dip -65deg south
MCM (55+00E to 88+00E): strike 055, dip -65 southeast
East of Otisse Lake: no ore grade intersections; avg strike 090, variable dips
Hollinger Lake Shear strikes 000 and dips -70deg West

2 Core angles at the 2-2x Zone area not computed and are reported as NA. Some mineralization is associated with a narrow 010 to 015 subvertical striking fault? structure located parallel to a NE striking diabase dyke, while the 2-2x Zone mineralization is probably associated with a flat (tension?) structure of unknown attitude. Some mineralization noted at the bottom of these holes are most likely oriented parallel to the main MCM ore zones, parallel to bedding, striking 055 / dipping -65SE. All mineralization in this area needs to be critically reviewed and modelled prior to estimating true widths -rvz

YOUNG-DAVIDSON MINES, LIMITED

2002-2003
DIAMOND DRILL HOLE CROSS SECTIONS
(scale varies)


2000E
2200E
2400E
2600E
2800E
3000E
3200E
3400E
3600E
3800E
4000E
4200E
2200N
MCM9501
M02-06
M02-03
MCM774
MCM772
MCM775
MCM077
M02-08
MCM078
8100
8000
7800
7600
7400
7200
7000
DB boulders
234.39 ft.
M02-03 (100.00N)
496.32 ft.
MCM9501 (100.00N)
703.34 ft.
M02-06 (100.00S)
136.09 ft.
MCM077 (100.00N)
44.55 ft.
618.22 ft.
M02-08 (100.00N)
YOUNG-DAVIDSON ML
E-W MCM XSECTION (AZ=055)
DDH M02-06
SECTION 2200NW
(origin 6267.99E, 993.33S YD)
only assays >=0.02opt Au plotted
DATE: 04/07/19
SCALE: 1" = 200'



YOUNG-DAVIDSON ML

E-W MCM XSECTION (AZ=055)

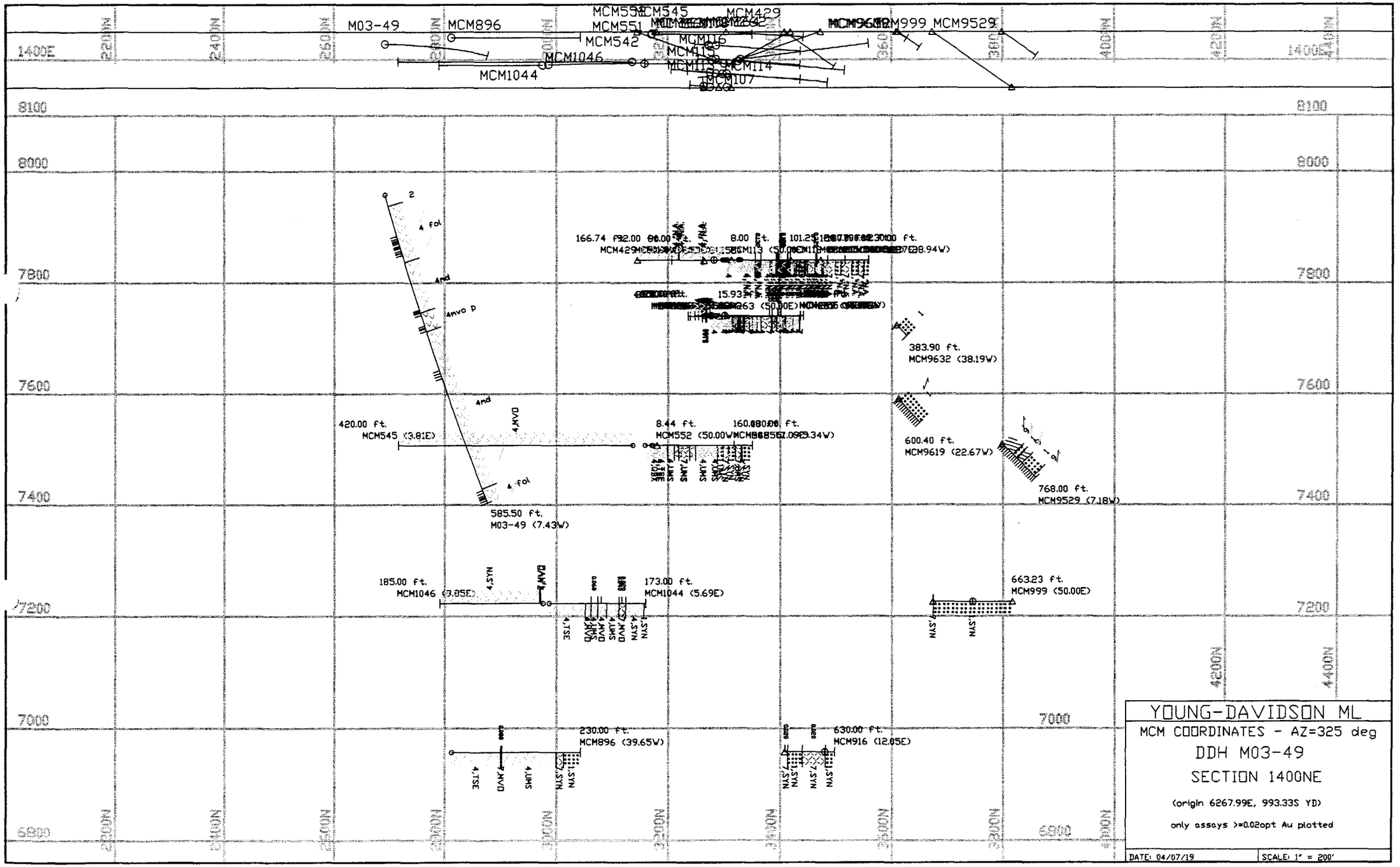
DDH's M02-06 & M03-37

SECTION 2000NW

(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

MCM COORDINATES - AZ=325 deg

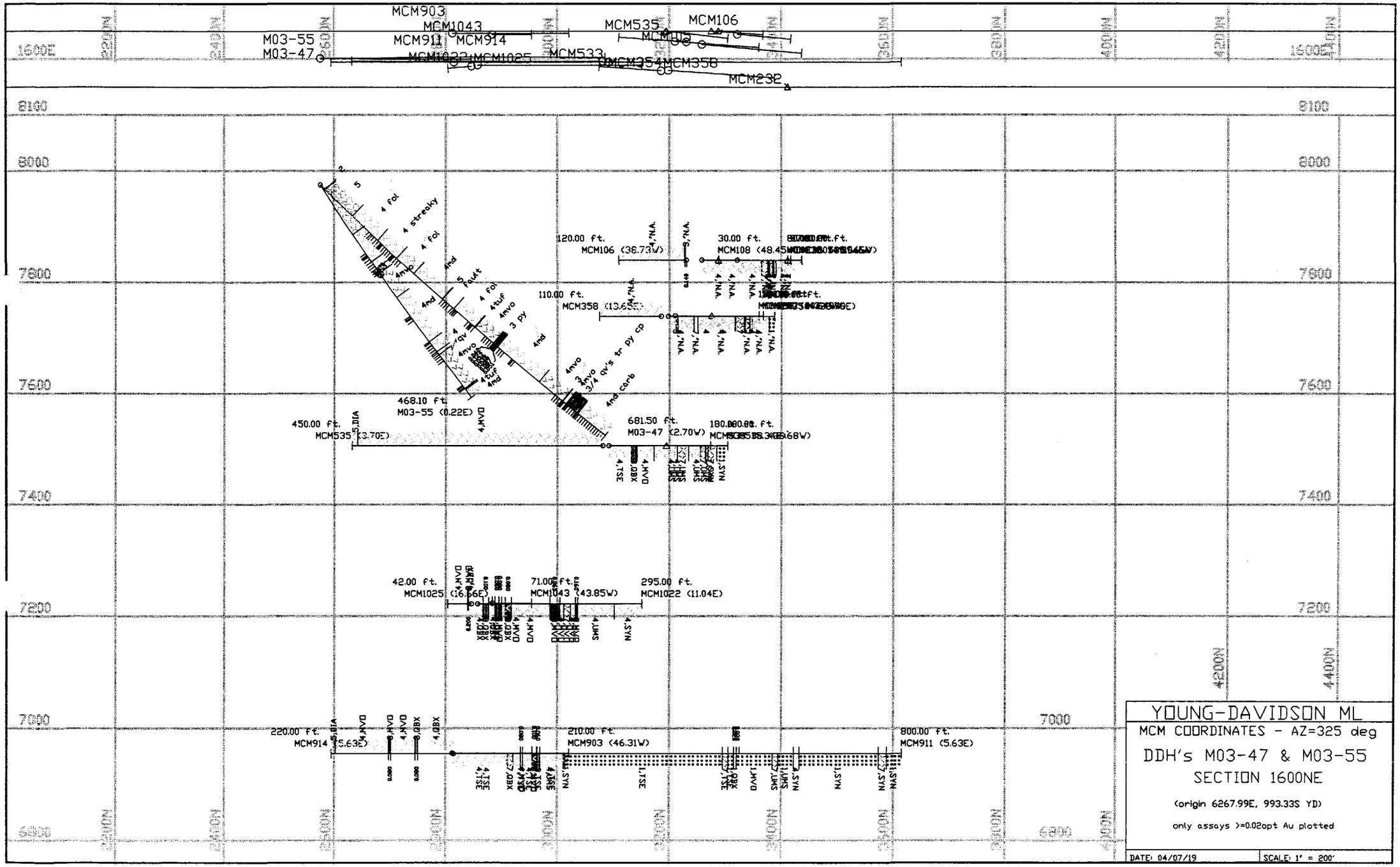
DDH M03-49

SECTION 1400NE

(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

MCM COORDINATES - AZ=325 deg

DDH's M03-47 & M03-55

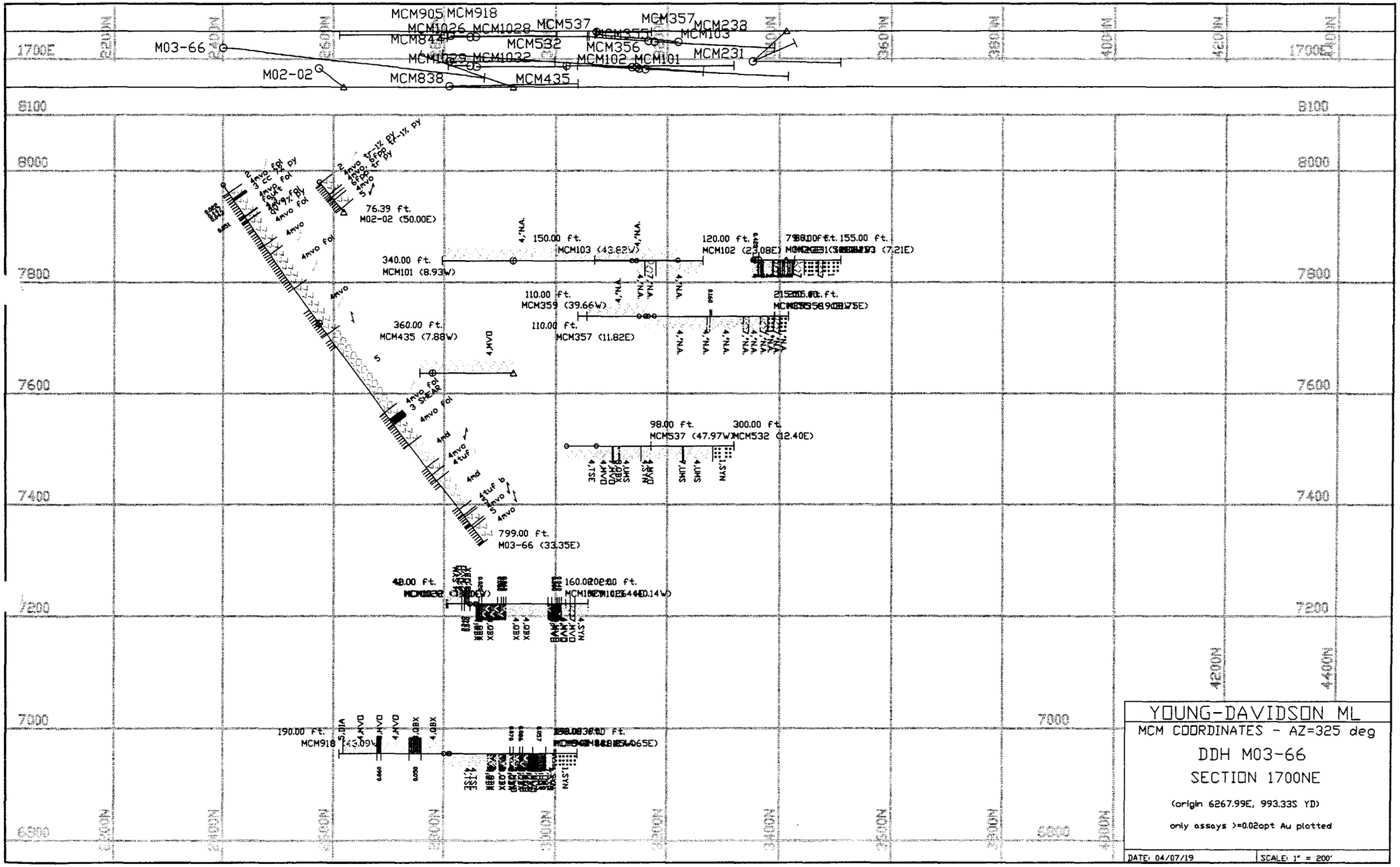
SECTION 1600NE

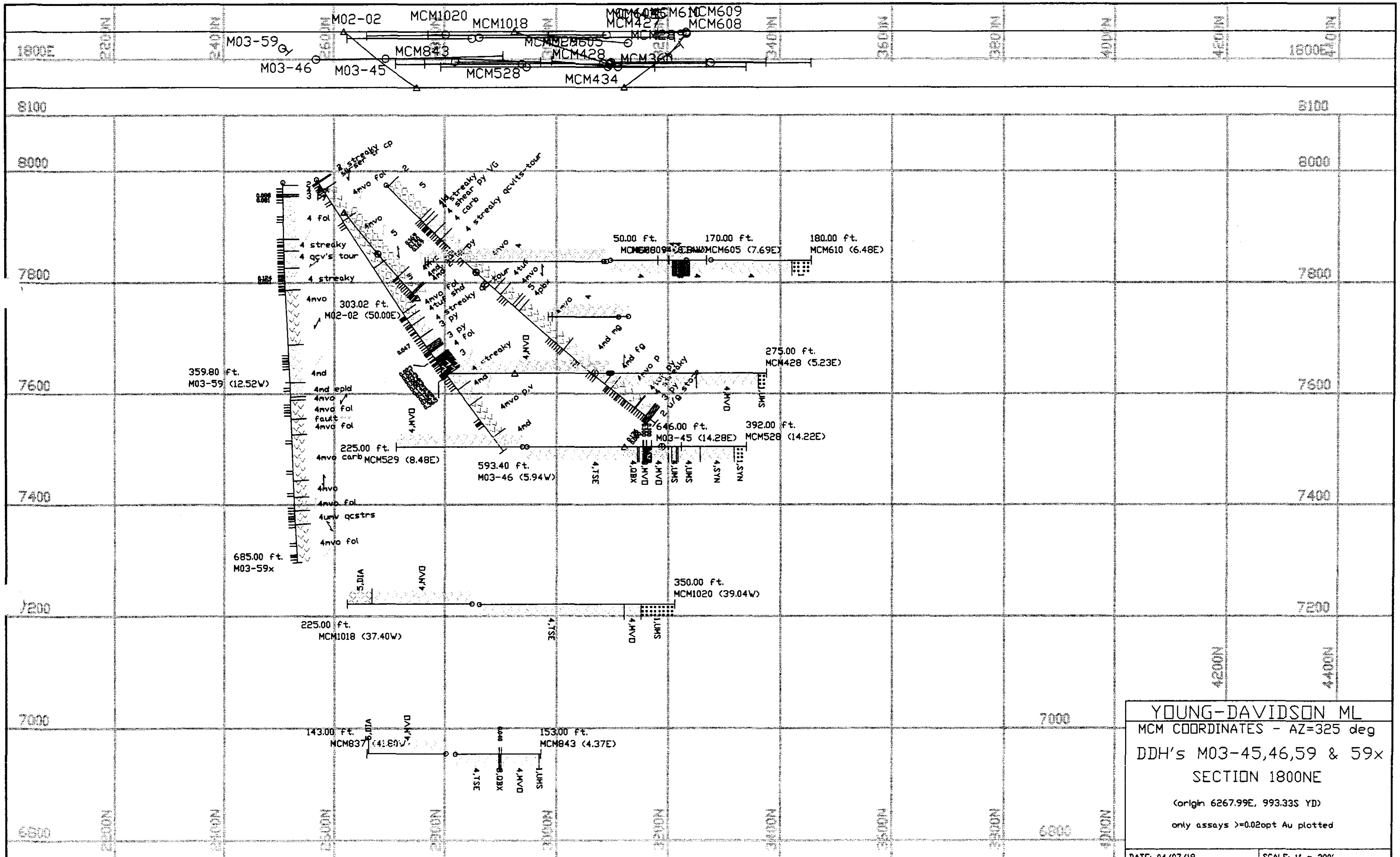
(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

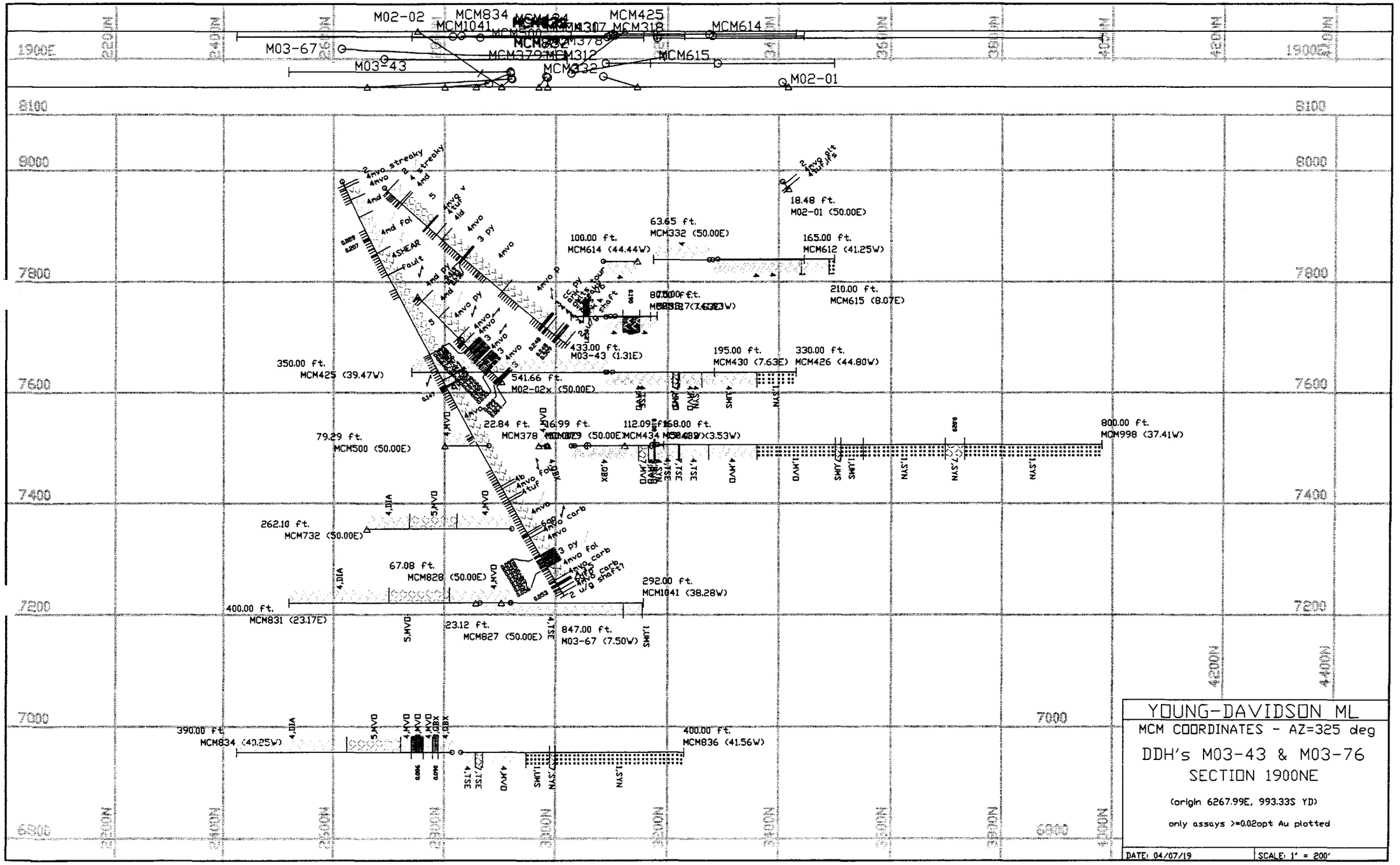
DATE: 04/07/19

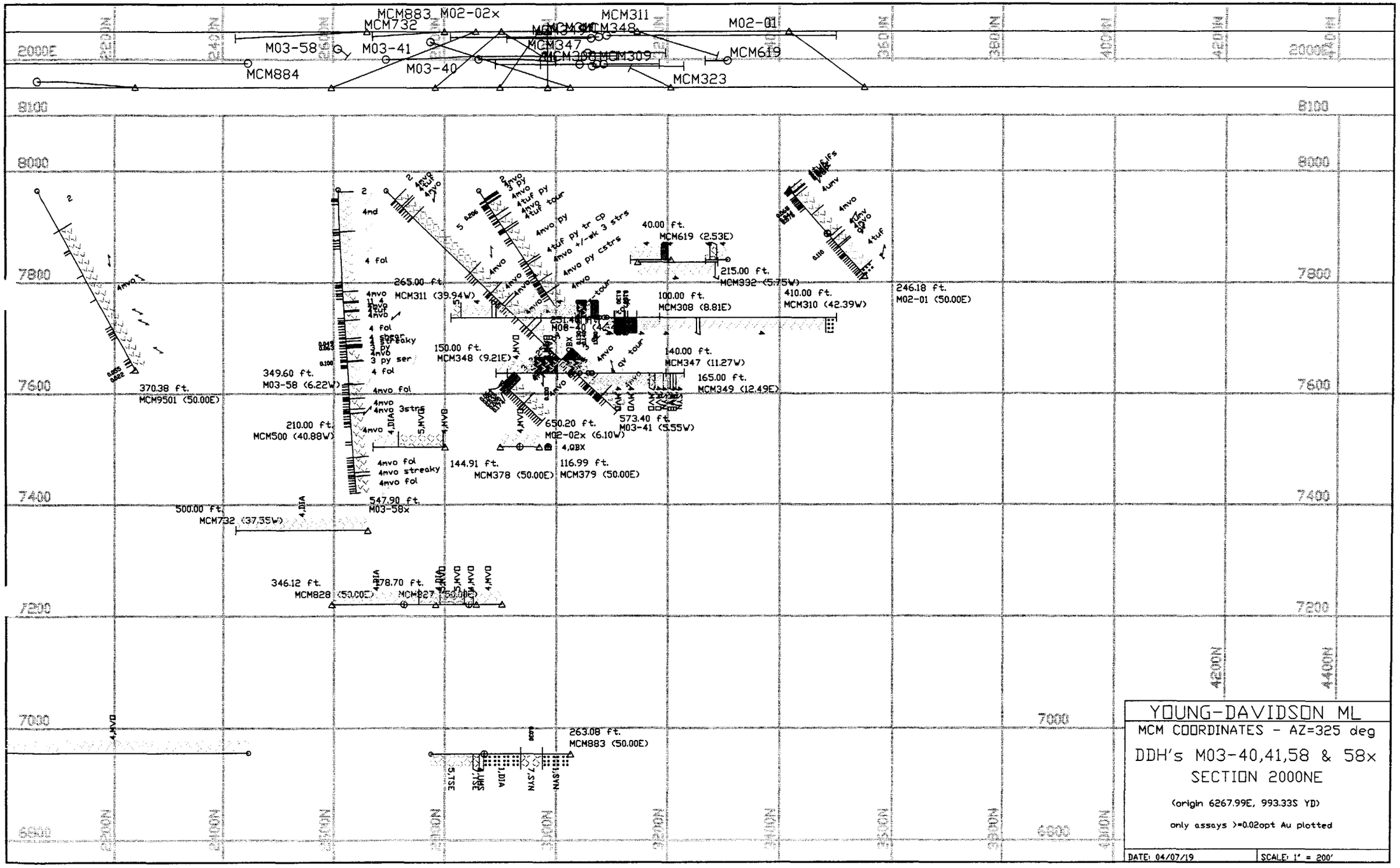
SCALE: 1" = 200'


MCM905 MCM918
MCM1026 MCM1028
MCM844
MCM537
MCM357
MCM238
MCM103
MCM532
MCM356
MCM102 MCM101
MCM231
MCM1029 MCM1032
M03-66
M02-02
MCM838
MCM435
1700E
8100
8000
7800
7600
7400
7200
7000
6800
76.39 ft.
M02-02 (50.00E)
150.00 ft.
MCM103 (43.62W)
120.00 ft.
MCM102 (23.08E)
340.00 ft.
MCM101 (8.93W)
110.00 ft.
MCM359 (39.66W)
360.00 ft.
MCM435 (7.88W)
110.00 ft.
MCM357 (11.82E)
98.00 ft.
MCM537 (47.97W)
300.00 ft.
MCM532 (12.40E)
799.00 ft.
M03-66 (33.35E)
190.00 ft.
MCM918 (43.09W)
YOUNG-DAVIDSON ML
MCM COORDINATES - AZ=325 deg
DDH M03-66
SECTION 1700NE
(origin 6267.99E, 993.33S YD)
only assays >=0.02opt Au plotted
DATE: 04/07/19
SCALE: 1" = 200'



YOUNG-DAVIDSON ML
MCM COORDINATES - AZ=325 deg
DDH's M03-45,46,59 & 59x
SECTION 1800NE
(origin 6267.99E, 993.33S YD)
only assays >=0.02opt Au plotted
DATE: 04/07/19
SCALE: 1" = 200'
M02-02
MCM1020
MCM1018
M03-59
M03-46
M03-45
MCM843
MCM528
MCM428
MCM434
MCM605
MCM609
MCM608
1800E
8100
8000
7800
7600
7400
7200
7000
6800
50.00 ft.
170.00 ft.
MCM605 (7.69E)
180.00 ft.
MCM610 (6.48E)
303.02 ft.
M02-02 (50.00E)
275.00 ft.
MCM428 (5.23E)
359.80 ft.
M03-59 (12.52W)
646.00 ft.
M03-45 (14.28E)
392.00 ft.
MCM528 (14.22E)
225.00 ft.
MCM529 (8.48E)
593.40 ft.
M03-46 (5.94W)
685.00 ft.
M03-59x
350.00 ft.
MCM1020 (39.04W)
225.00 ft.
MCM1018 (37.40W)
143.00 ft.
MCM837 (41.80W)
153.00 ft.
MCM843 (4.37E)


M02-02
MCM834
MCM1041
MCM425
MCM318
MCM614
M03-67
MCM379
MCM312
MCM615
M03-43
MCM332
M02-01
1900E
8100
8000
7800
7600
7400
7200
7000
6800
4200N
4400N
18.48 ft.
M02-01 (50.00E)
63.65 ft.
MCM332 (50.00E)
100.00 ft.
MCM614 (44.44W)
165.00 ft.
MCM612 (41.25W)
210.00 ft.
MCM615 (8.07E)
433.00 ft.
M03-43 (1.31E)
195.00 ft.
MCM430 (7.63E)
330.00 ft.
MCM426 (44.80W)
350.00 ft.
MCM425 (39.47W)
541.66 ft.
M02-02x (50.00E)
22.84 ft.
MCM378 (50.00E)
16.99 ft.
MCM379 (50.00E)
112.09 ft.
MCM434 (3.53W)
800.00 ft.
MCM998 (37.41W)
79.29 ft.
MCM500 (50.00E)
262.10 ft.
MCM732 (50.00E)
67.08 ft.
MCM828 (50.00E)
292.00 ft.
MCM1041 (38.28W)
400.00 ft.
MCM831 (23.17E)
23.12 ft.
MCM827 (50.00E)
847.00 ft.
M03-67 (7.50W)
390.00 ft.
MCM834 (40.25W)
400.00 ft.
MCM836 (41.56W)
ASHEAR
Fault
YOUNG-DAVIDSON ML
MCM COORDINATES - AZ=325 deg
DDH's M03-43 & M03-76
SECTION 1900NE
(origin 6267.99E, 993.33S YD)
only assays >=0.02opt Au plotted
DATE: 04/07/19
SCALE: 1" = 200'



YOUNG-DAVIDSON ML

MCM COORDINATES - AZ=325 deg

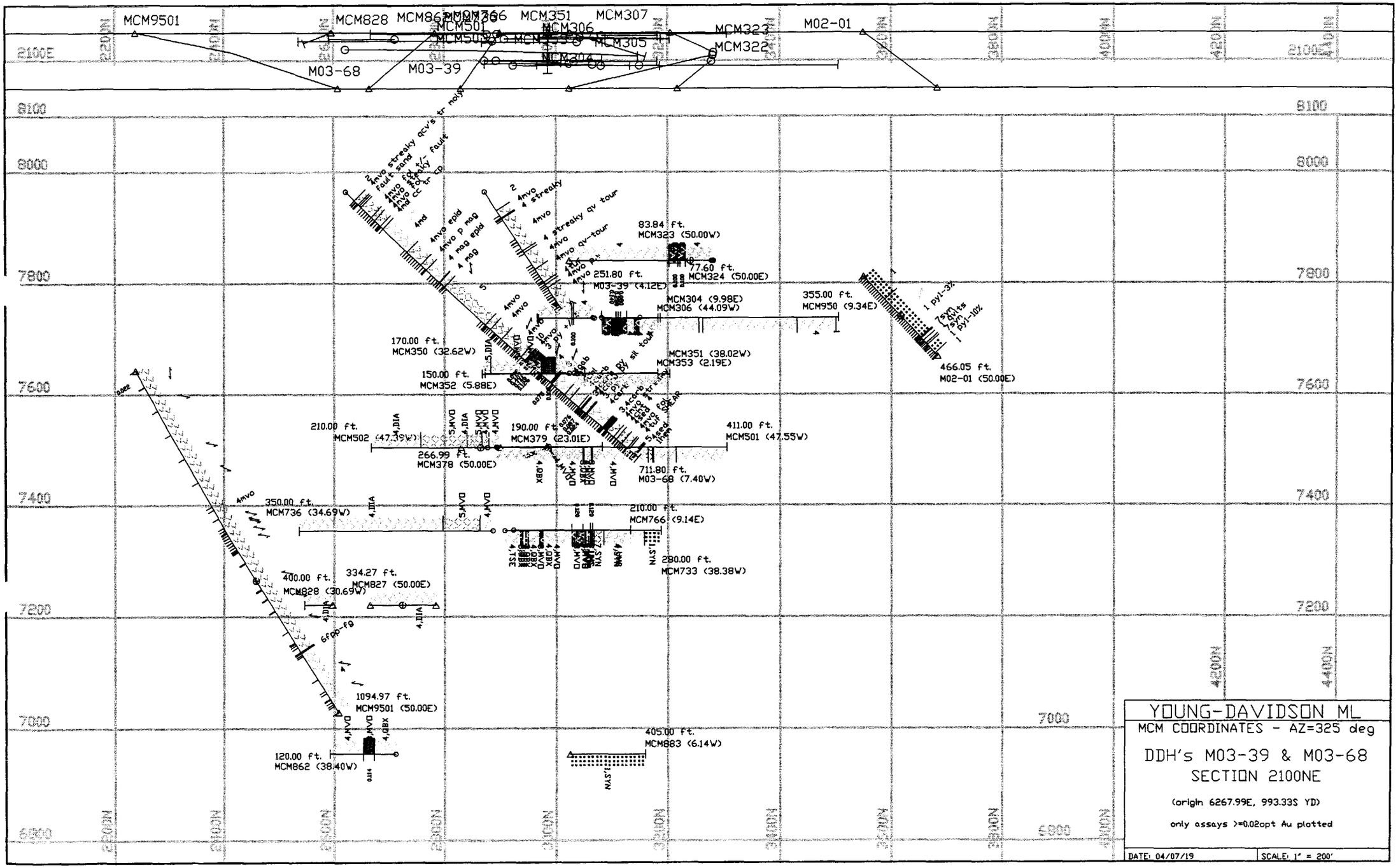
DDH's M03-40,41,58 & 58x

SECTION 2000NE

(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

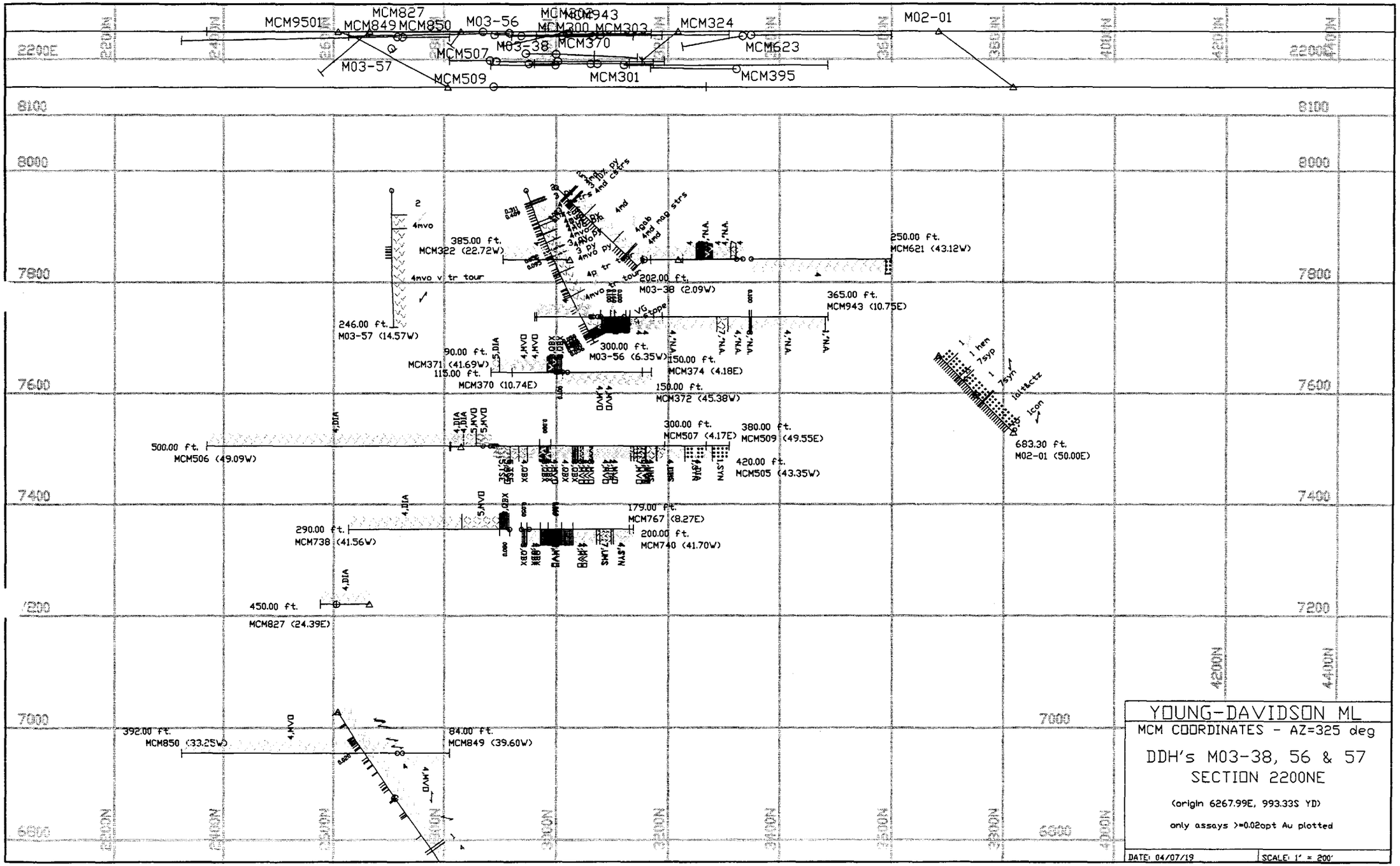
MCM COORDINATES - AZ=325 deg

DDH's M03-39 & M03-68
SECTION 2100NE

(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

MCM COORDINATES - AZ=325 deg

DDH's M03-38, 56 & 57

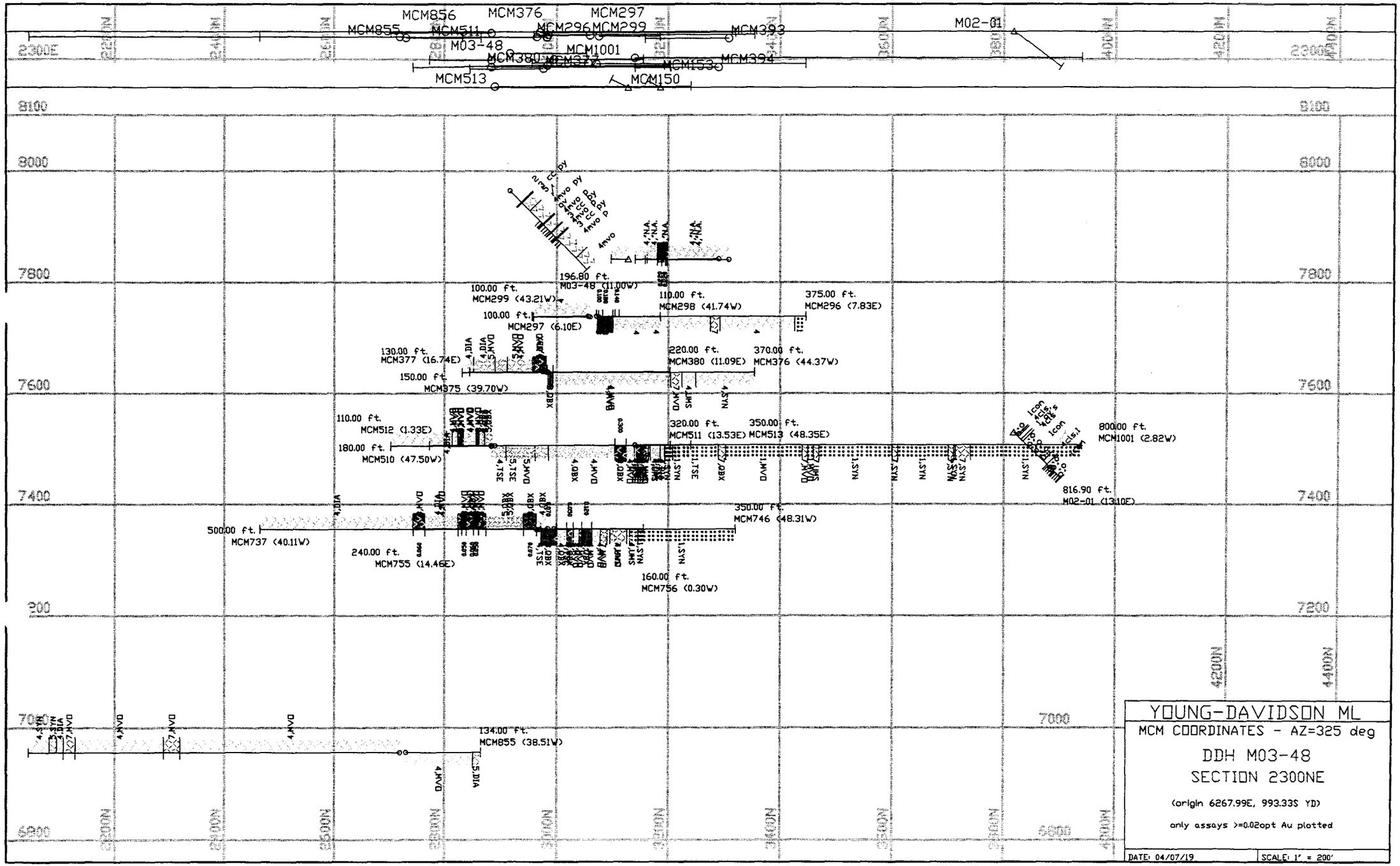
SECTION 2200NE

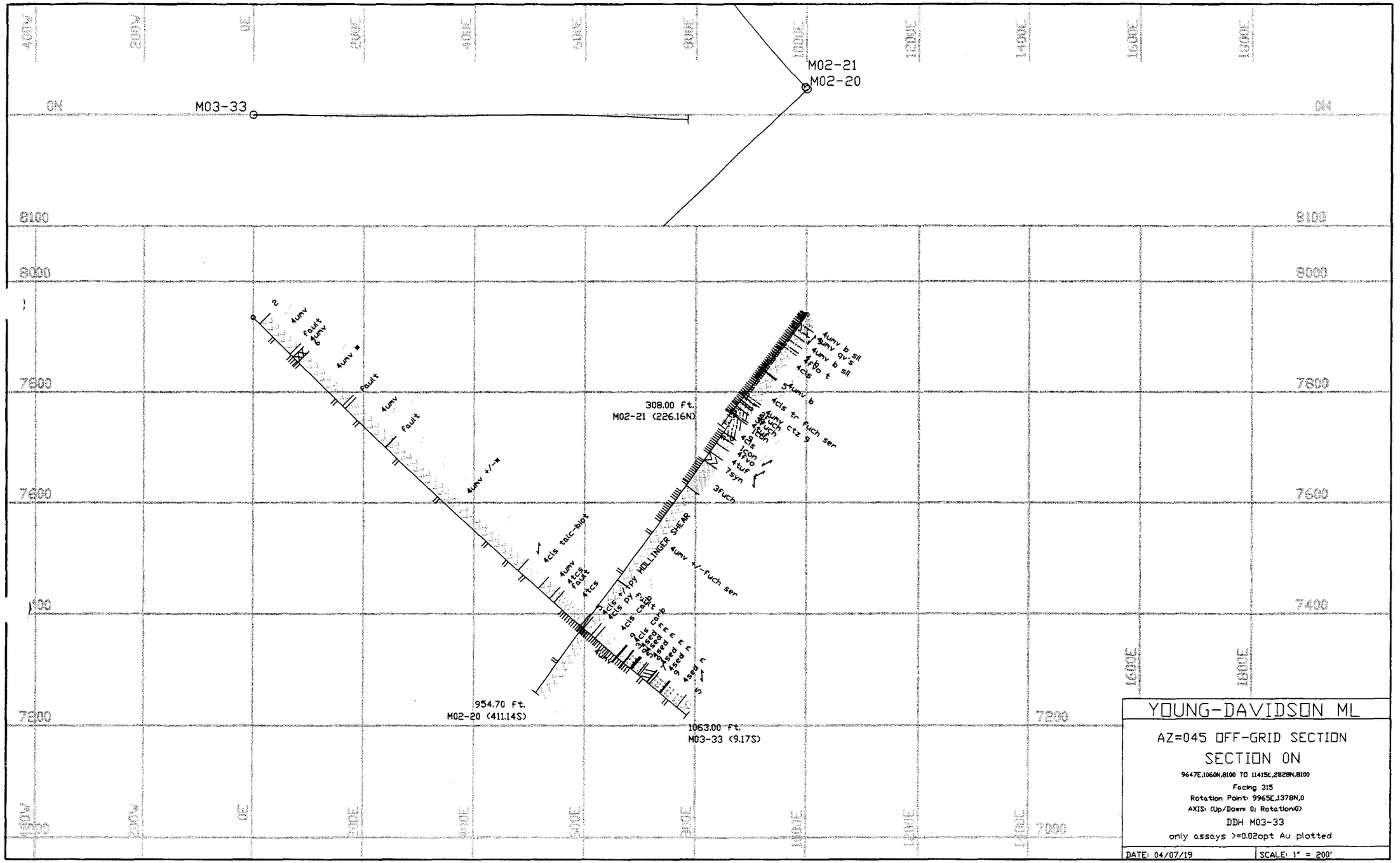
(origin 6267.99E, 993.33S YD)

only assays >=0.02opt Au plotted

DATE: 04/07/19

SCALE: 1" = 200'


MCM856
MCM376
MCM297
MCM855
MCM511
MCM296
MCM299
MCM393
M02-01
M03-48
MCM1001
MCM380
MCM377
MCM1536
MCM394
MCM513
MCM150
2300E
2400N
2500N
2600N
2700N
2800N
2900N
3000N
3100N
3200N
3300N
3400N
3500N
3600N
3700N
3800N
3900N
4000N
4100N
4200N
4300N
4400N
9100
8000
7800
7600
7400
7200
7000
6800
6600
6400
6200
6000
100.00 ft.
MCM299 (43.21W)
196.80 ft.
M03-48 (11.00W)
110.00 ft.
MCM298 (41.74W)
375.00 ft.
MCM296 (7.83E)
100.00 ft.
MCM297 (6.10E)
130.00 ft.
MCM377 (16.74E)
220.00 ft.
MCM380 (11.09E)
370.00 ft.
MCM376 (44.37W)
150.00 ft.
MCM375 (39.70W)
110.00 ft.
MCM512 (1.33E)
320.00 ft.
MCM511 (13.53E)
350.00 ft.
MCM513 (48.35E)
180.00 ft.
MCM510 (47.50W)
800.00 ft.
MCM1001 (2.82W)
816.90 ft.
M02-01 (13.10E)
350.00 ft.
MCM746 (48.31W)
500.00 ft.
MCM737 (40.11W)
240.00 ft.
MCM755 (14.46E)
160.00 ft.
MCM756 (0.30W)
134.00 ft.
MCM855 (38.51W)
YOUNG-DAVIDSON ML
MCM COORDINATES - AZ=325 deg
DDH M03-48
SECTION 2300NE
(origin 6267.99E, 993.33S YD)
only assays >=0.02opt Au plotted
DATE: 04/07/19
SCALE: 1" = 200'



YOUNG-DAVIDSON ML

AZ=045 OFF-GRID SECTION

SECTION 0N

9647E,1060N,8100 TO 11415E,2828N,8100

Facing 315

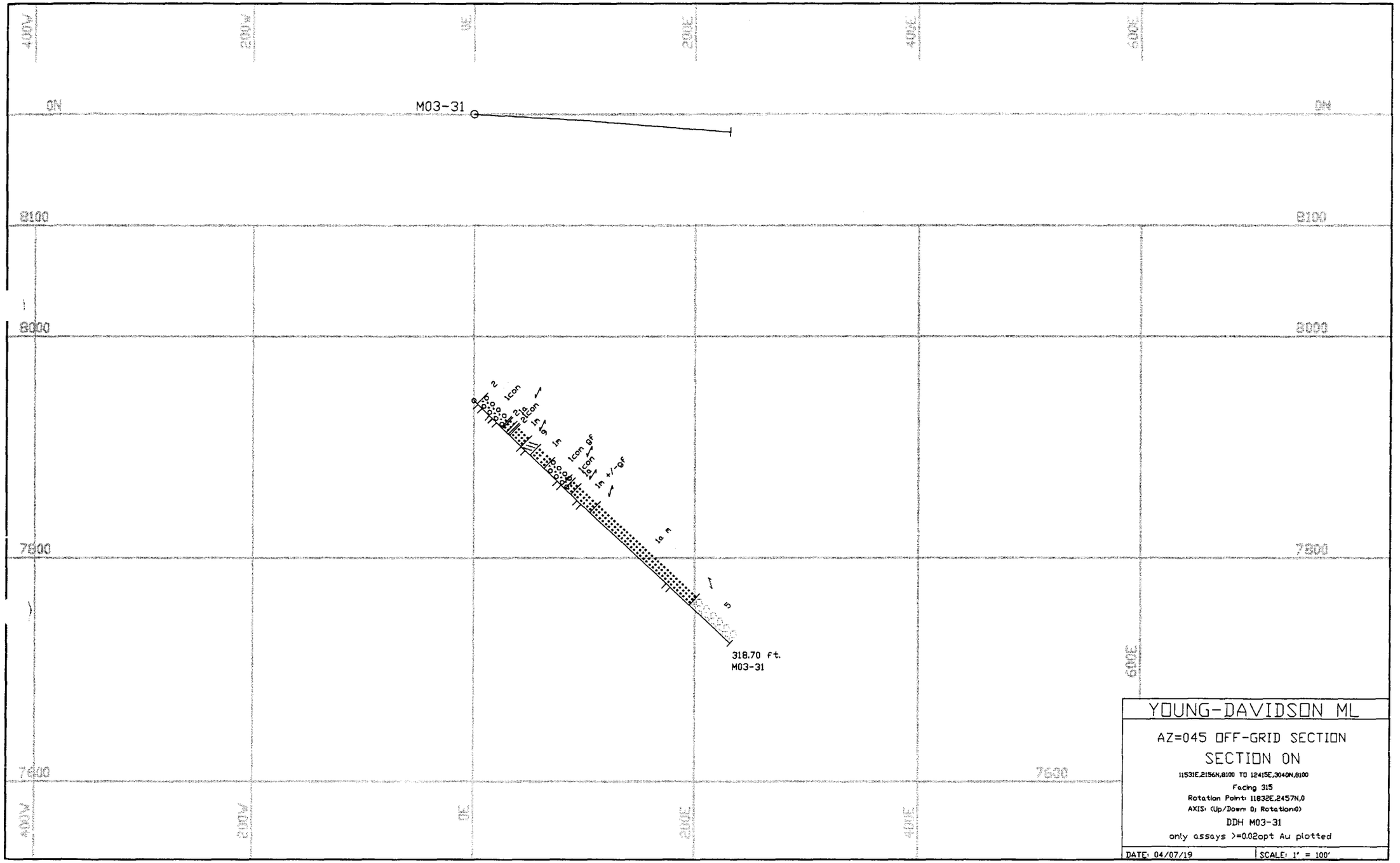
Rotation Point: 9965E,1378N,0

AXIS: (Up/Down 0; Rotation0)

DDH M03-33

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

AZ=045 OFF-GRID SECTION

SECTION 0N

11531E,2156N,8100 TO 12415E,3040N,8100

Facing 315

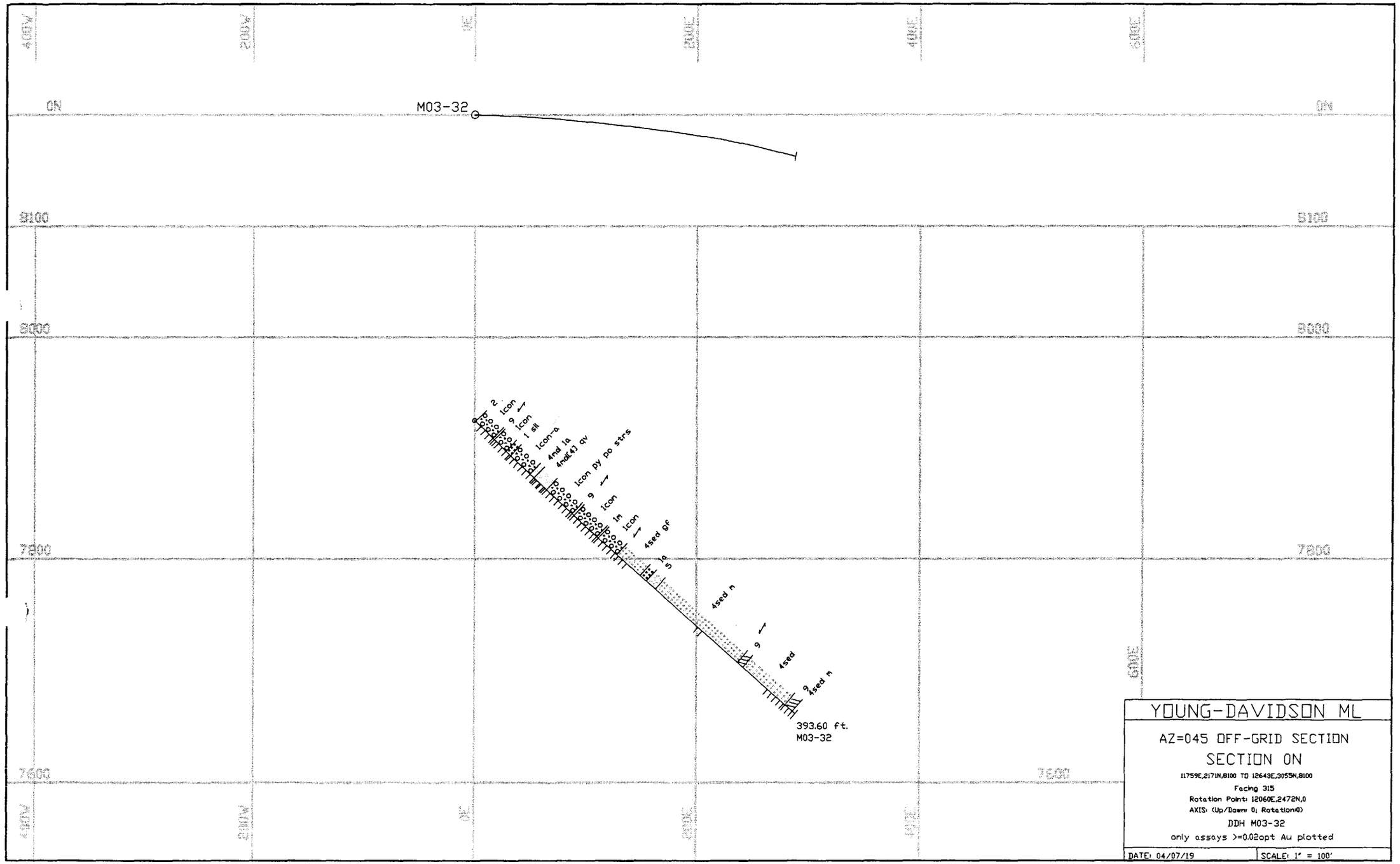
Rotation Point: 11832E,2457N,0

AXIS: (Up/Down= 0; Rotation=0)

DDH M03-31

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 100'



YOUNG-DAVIDSON ML

AZ=045 OFF-GRID SECTION

SECTION 0N

11759E,2171N,8100 TO 12643E,3055N,8100

Facing 315

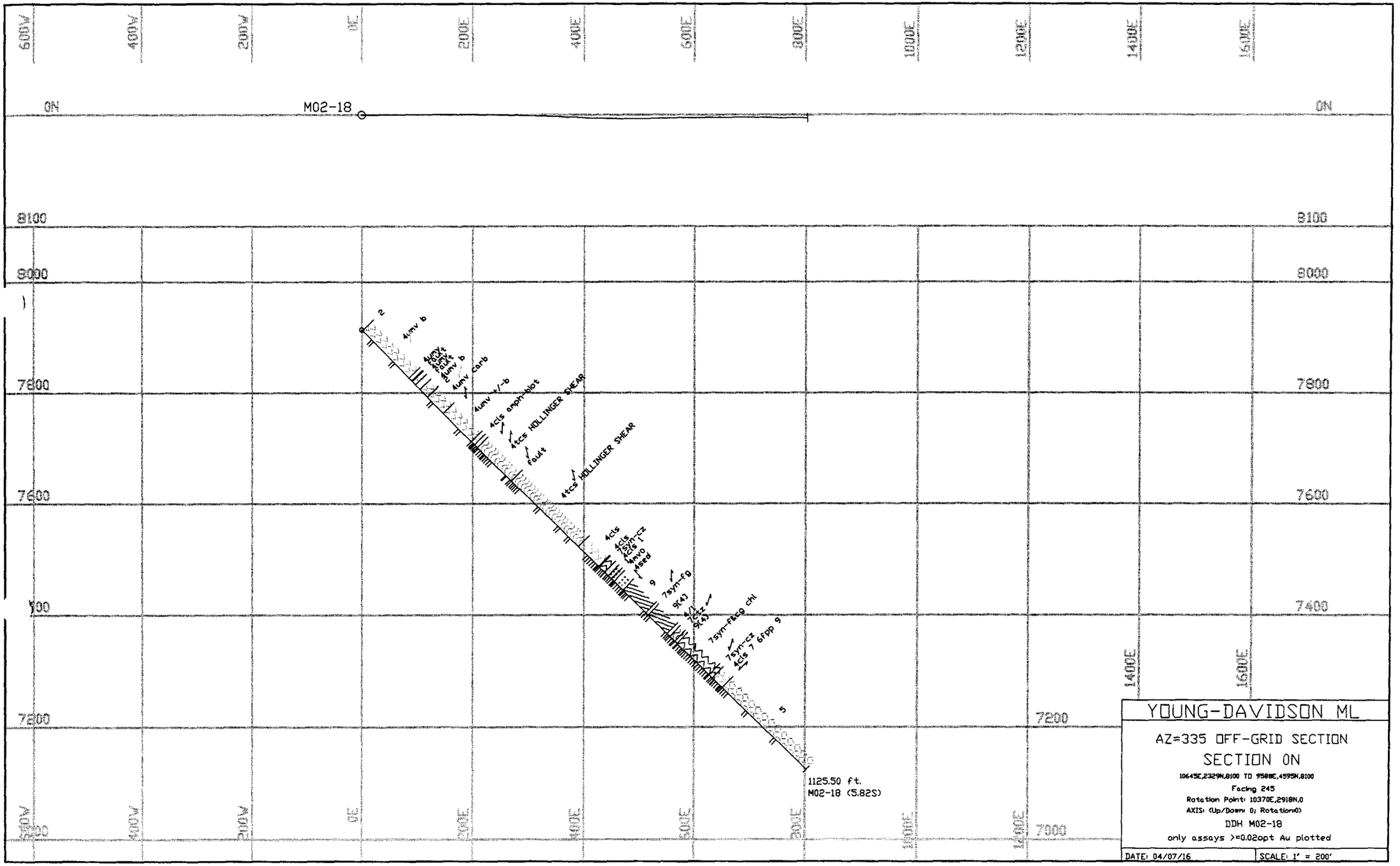
Rotation Point: 12060E,2472N,0

AXIS: (Up/Down 0; Rotation 0)

DDH M03-32

only assays >=0.02opt Au plotted

DATE: 04/07/19 | SCALE: 1" = 100'



YOUNG-DAVIDSON ML

AZ=335 OFF-GRID SECTION

SECTION 0N

10645E,2329N,8100 TO 9588E,4595N,8100

Facing 245

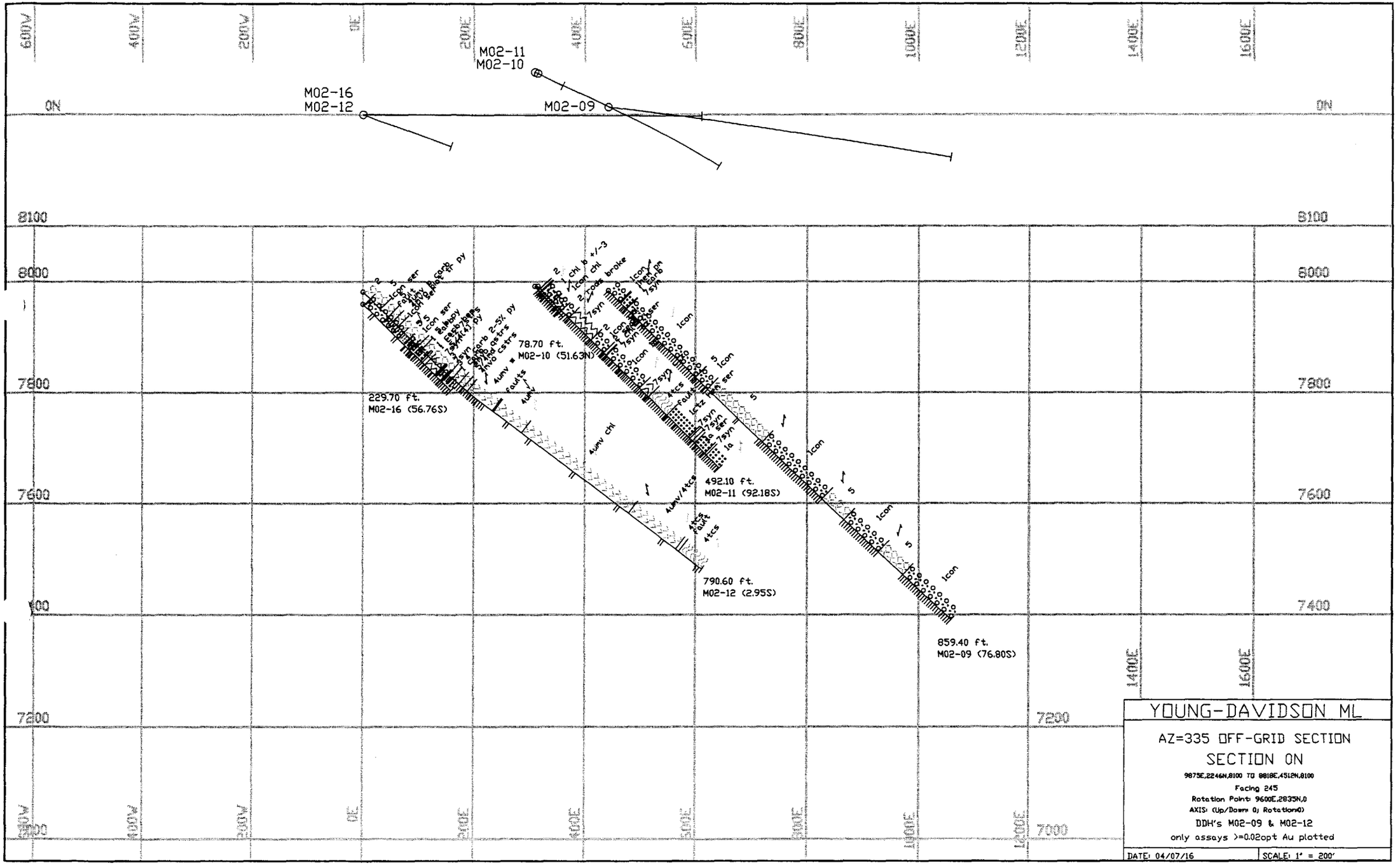
Rotation Point: 10370E,2918N,0

AXIS: (Up/Down: 0; Rotation0)

DDH M02-18

only assays >=0.02opt Au plotted

DATE: 04/07/16 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

AZ=335 OFF-GRID SECTION

SECTION ON

9875E,2246N,8100 TO 8818E,4512N,8100

Facing 245

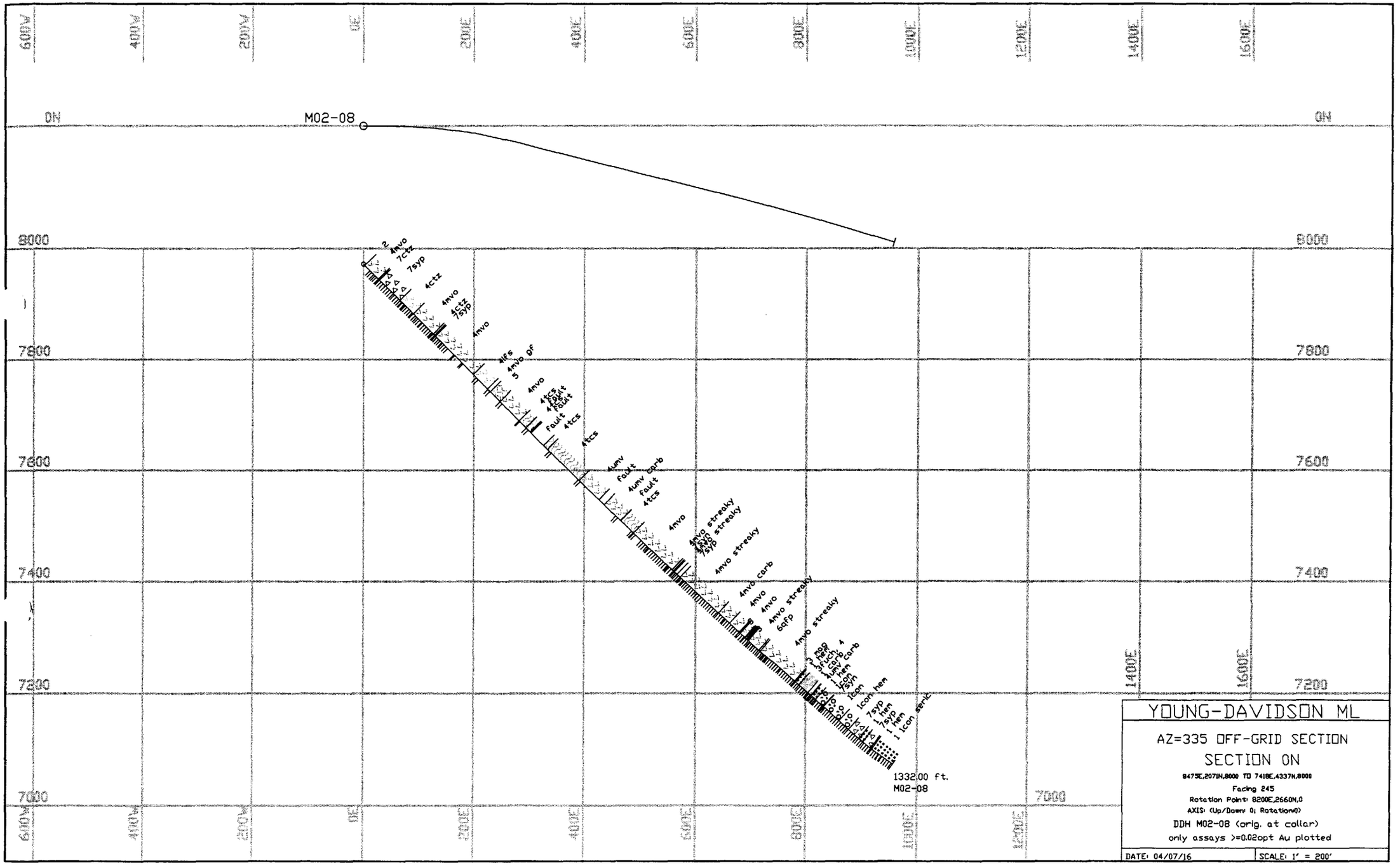
Rotation Point 9600E,2835N,0

AXIS: (Up/Down 0; Rotation0)

DDH's M02-09 & M02-12

only assays >=0.02opt Au plotted

DATE: 04/07/16 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

AZ=335 OFF-GRID SECTION

SECTION 0N

8475E,2071N,8000 TO 7418E,4337N,8000

Facing 245

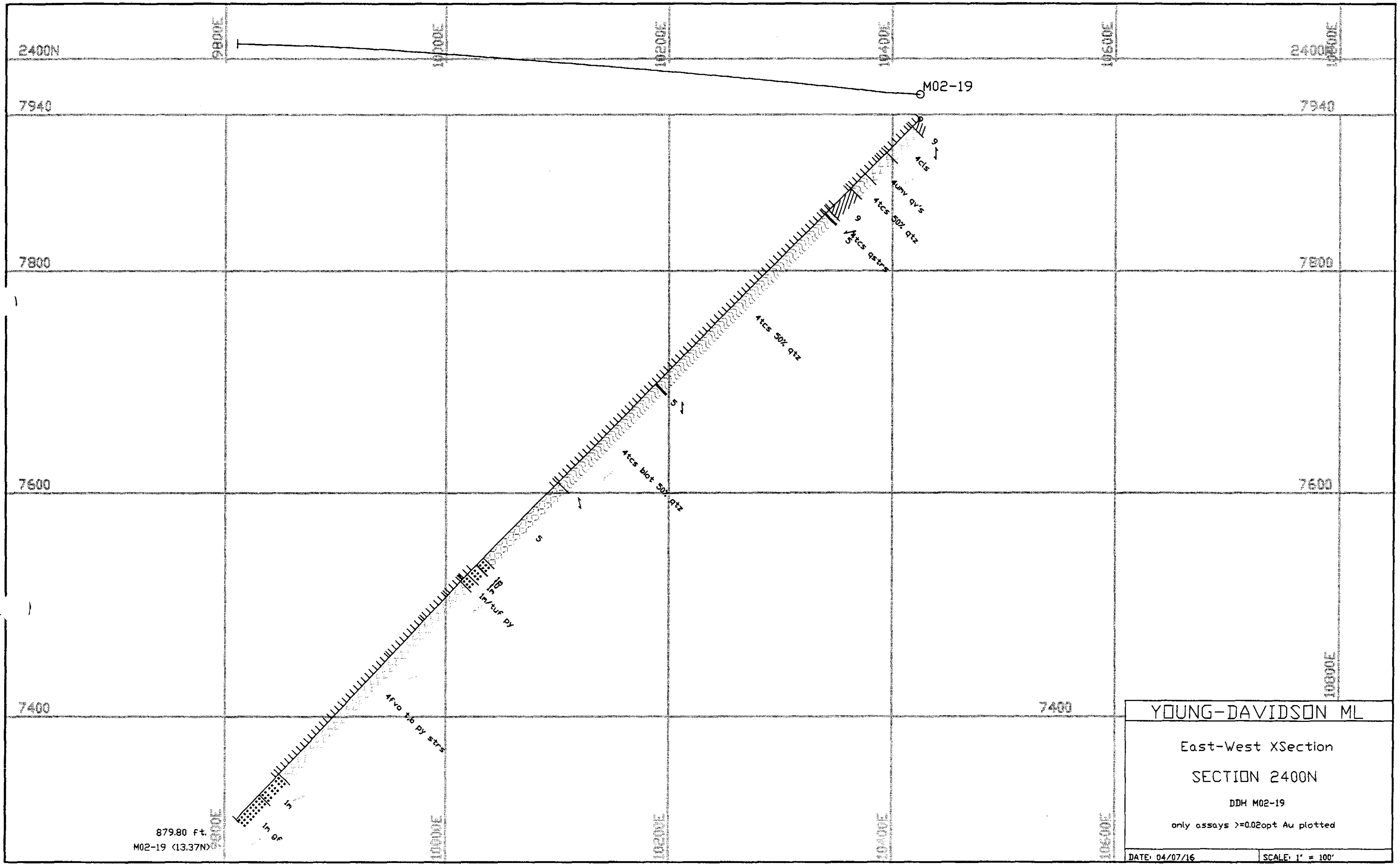
Rotation Point: 8200E,2660N,0

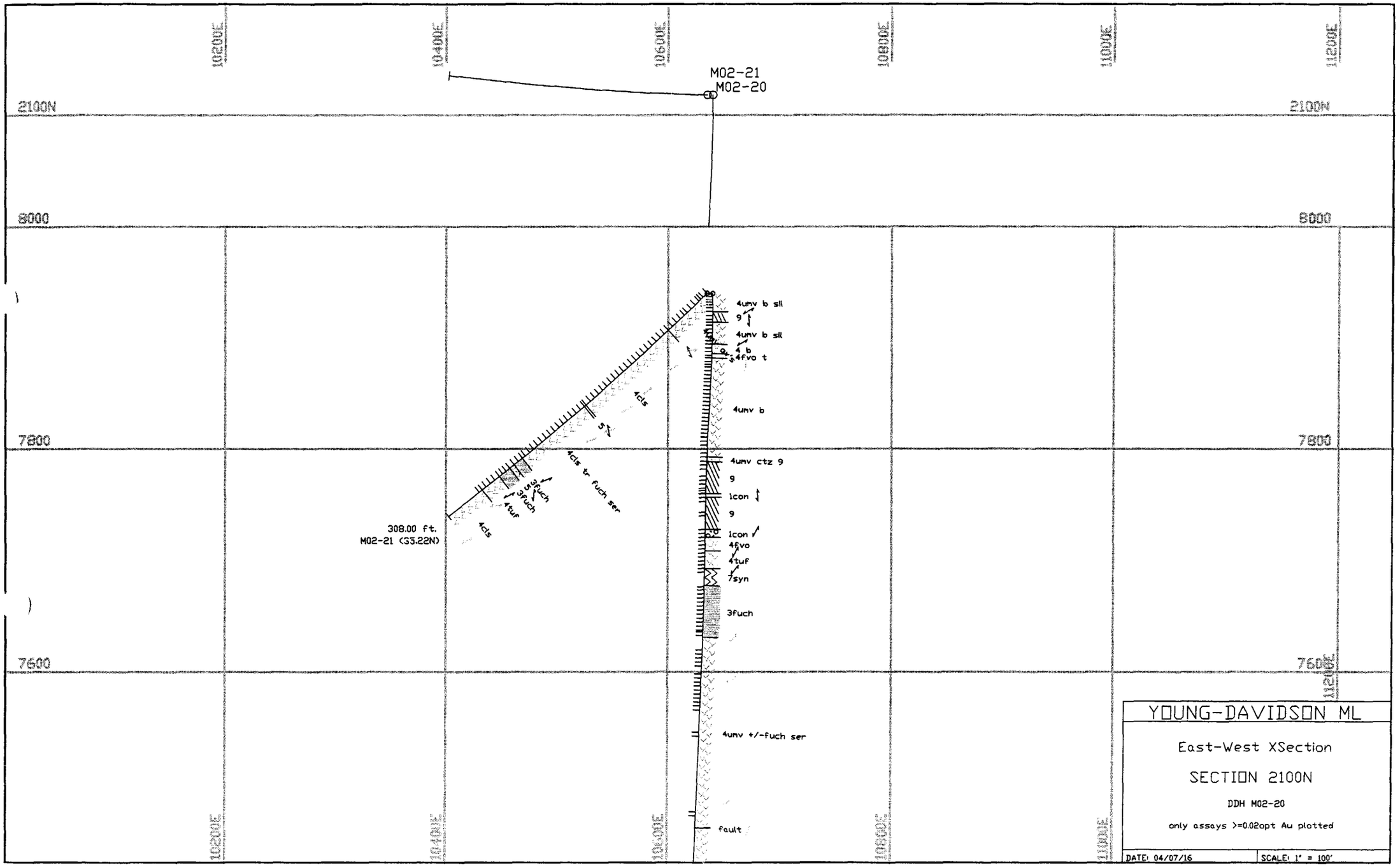
AXIS: (Up/Down 0; Rotation0)

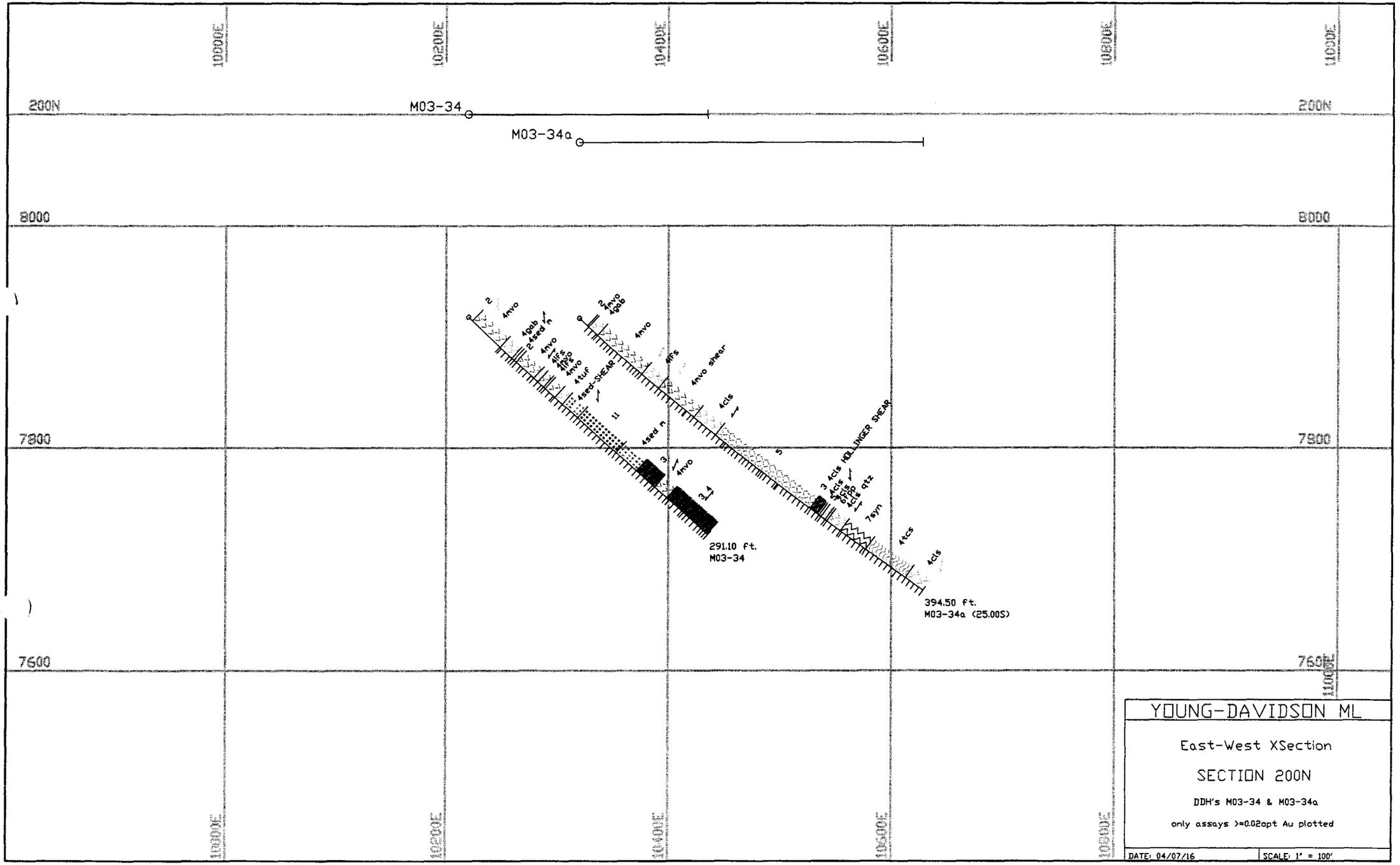
DDH M02-08 (orig. at collar)

only assays >=0.02opt Au plotted

DATE: 04/07/16 | SCALE: 1" = 200'


2400N
9800E
10000E
10200E
10400E
10600E
10800E
M02-19
7940
7800
7600
7400
9
4cls
4umv qv's
4tcs 50% qtz
9
4tcs qstrs
5
4tcs 50% qtz
5
4tcs biot 50% qtz
5
1n
1n/tuf py
4fvo tb py strs
1n
1n gf
879.80 ft.
M02-19 (13.37N)
YOUNG-DAVIDSON ML
East-West XSection
SECTION 2400N
DDH M02-19
only assays >=0.02opt Au plotted
DATE: 04/07/16
SCALE: 1" = 100'


10200E
10400E
10600E
10800E
11000E
11200E
M02-21
M02-20
2100N
8000
7800
7600
4umv b sll
9
4umv b sll
4fvo t
4umv b
4cls
5
4cls tr fuch ser
4umv ctz 9
9
1con
9
1con
4fvo
4tuf
7syn
3fuch
308.00 ft.
M02-21 (33.22N)
4umv +/-fuch ser
fault
YOUNG-DAVIDSON ML
East-West XSection
SECTION 2100N
DDH M02-20
only assays >=0.02opt Au plotted
DATE: 04/07/16
SCALE: 1" = 100'



YOUNG-DAVIDSON ML

East-West XSection

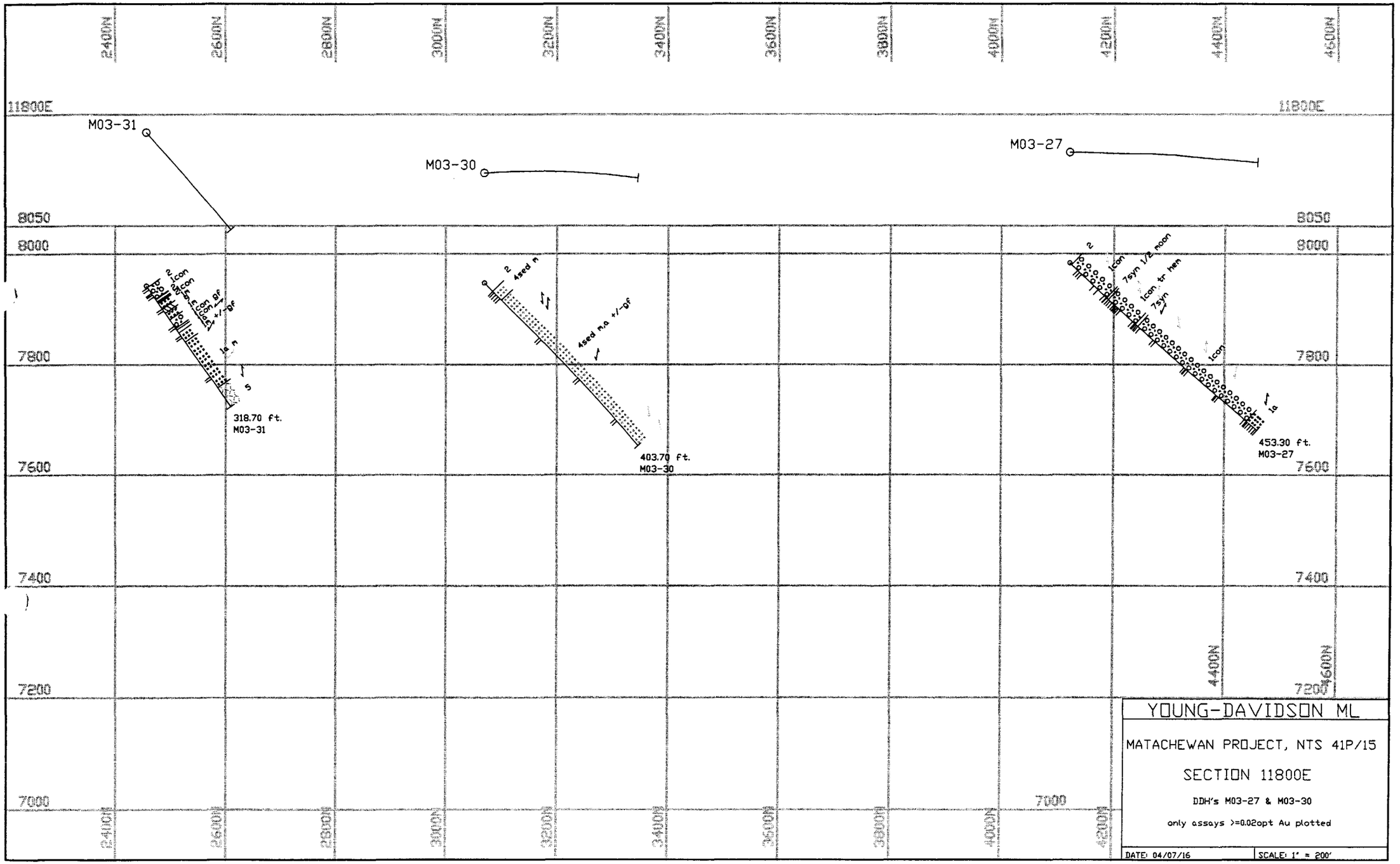
SECTION 200N

DDH's M03-34 & M03-34a

only assays >=0.02opt Au plotted

DATE: 04/07/16

SCALE: 1" = 100'


2400N
2600N
2800N
3000N
3200N
3400N
3600N
3800N
4000N
4200N
4400N
4600N
11800E
M03-31
M03-30
M03-27
8050
8000
7800
7600
7400
7200
7000
318.70 ft.
M03-31
403.70 ft.
M03-30
453.30 ft.
M03-27
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 11800E
DDH's M03-27 & M03-30
only assays >=0.02opt Au plotted
DATE: 04/07/16
SCALE: 1" = 200'

2400N 2600N 2800N 3000N 3200N 3400N 3600N 3800N 4000N 4200N 4400N 4600N

11600E

M03-23

M03-26

11600E

8050

8000

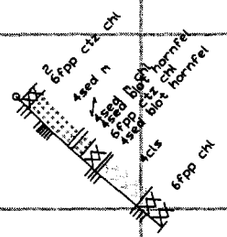
7800

7600

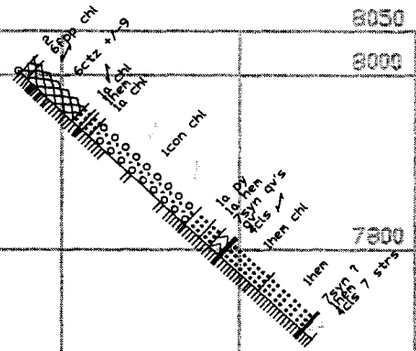
7400

7200

7000



226.40 ft.
M03-23 (60.91E)



452.80 ft.
M03-26

4400N

4600N

YOUNG-DAVIDSON ML

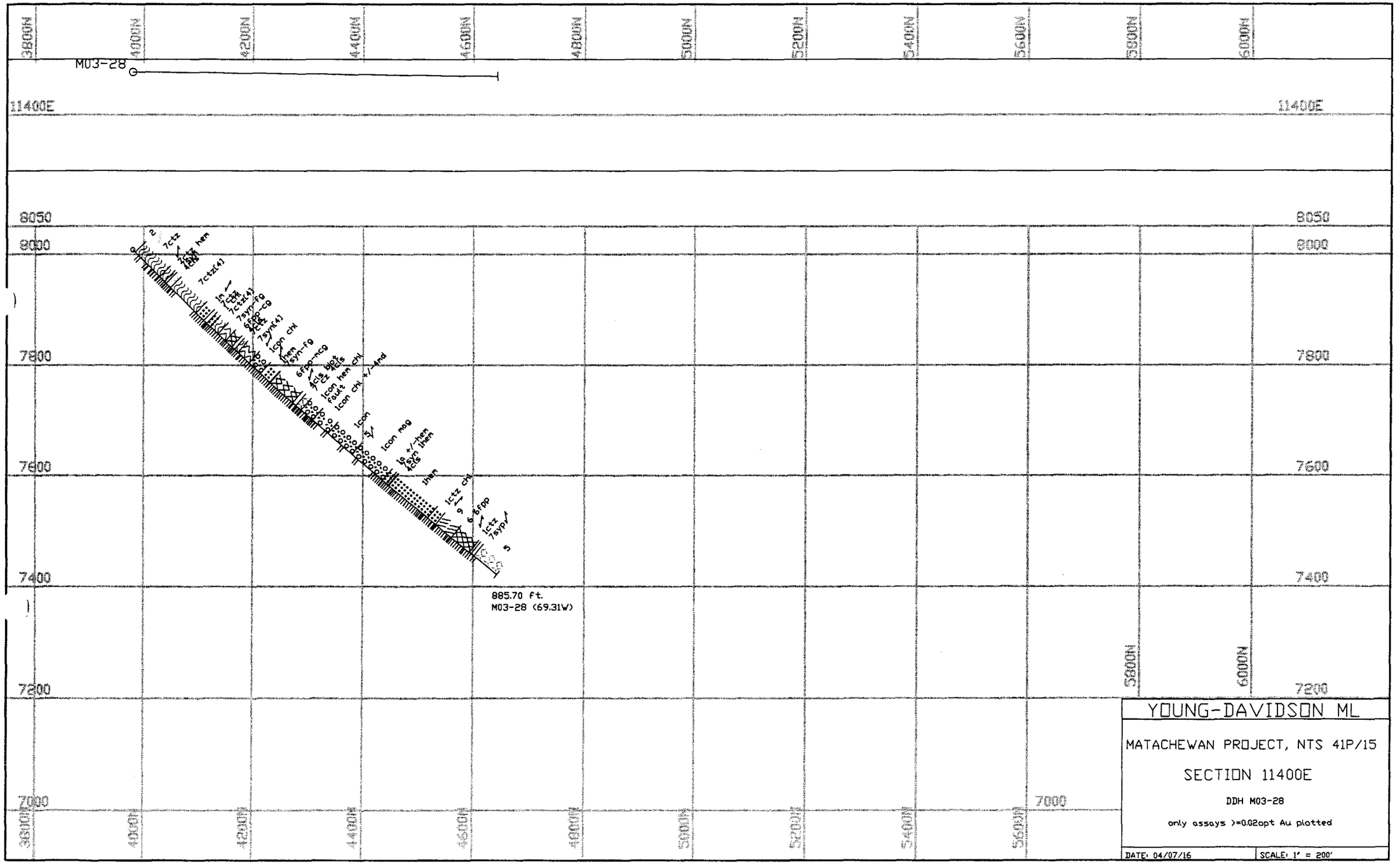
MATACHEWAN PROJECT, NTS 41P/15

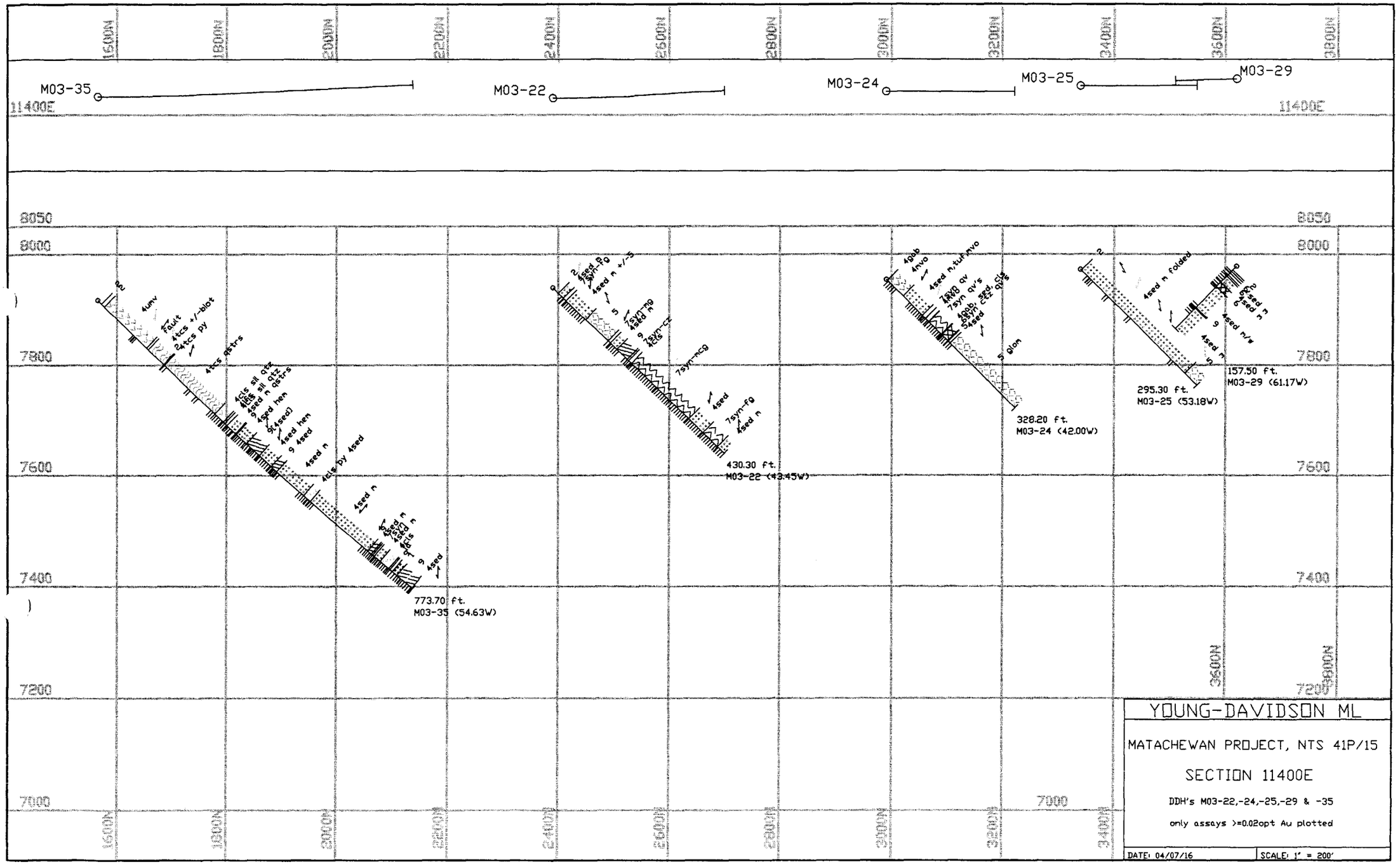
SECTION 11600E

DDH's M03-23 & M03-26

only assays >=0.02opt Au plotted

DATE: 04/07/16 | SCALE: 1" = 200'


3800N
4000N
4200N
4400N
4600N
4800N
5000N
5200N
5400N
5600N
5800N
6000N
M03-28
11400E
8050
8000
7800
7600
7400
7200
7000
885.70 ft.
M03-28 (69.31W)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 11400E
DDH M03-28
only assays >=0.02opt Au plotted
DATE: 04/07/16
SCALE: 1" = 200'



YOUNG-DAVIDSON ML

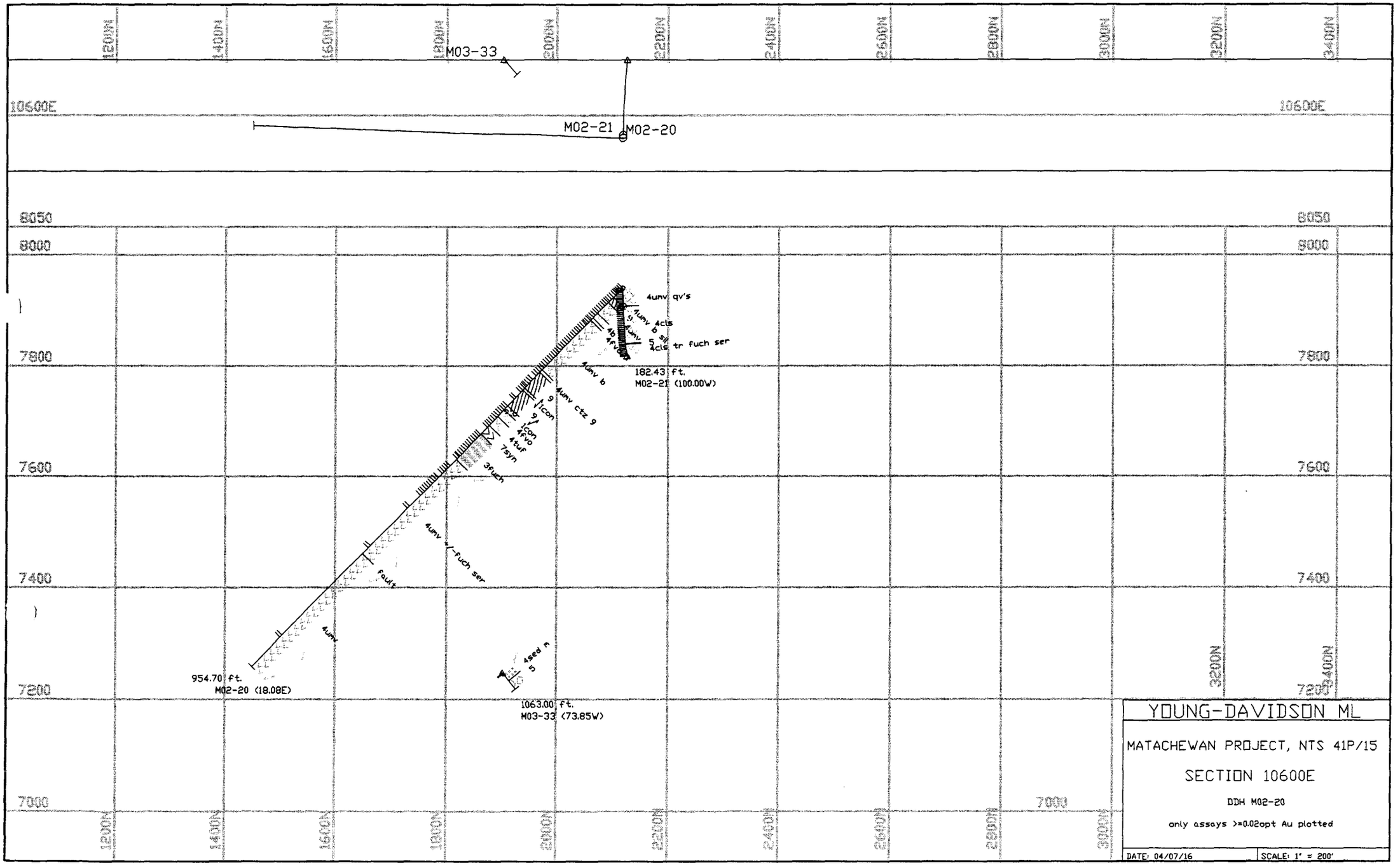
MATACHEWAN PROJECT, NTS 41P/15

SECTION 11400E

DDH's M03-22,-24,-25,-29 & -35

only assays >=0.02opt Au plotted

DATE: 04/07/16 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML

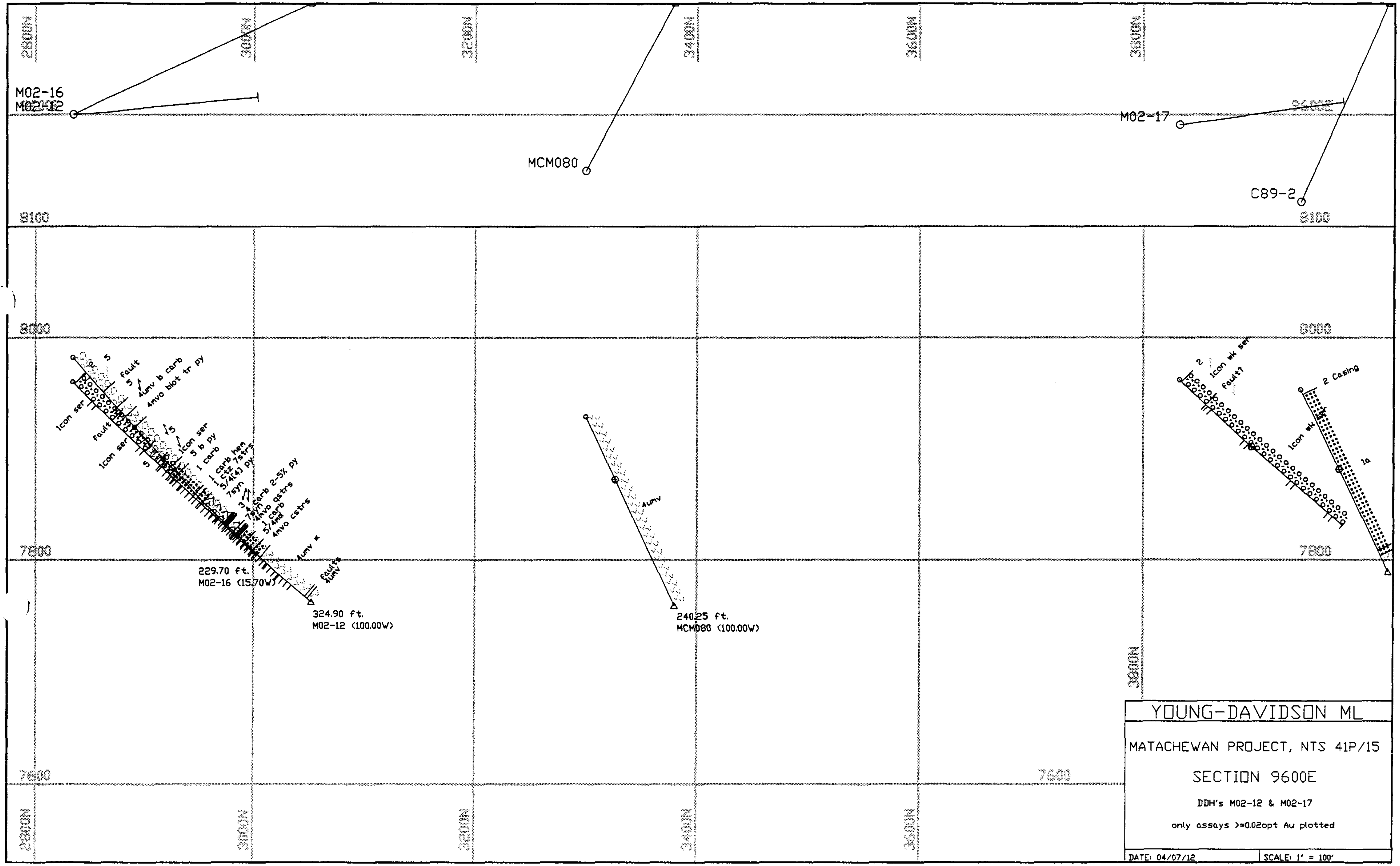
MATACHEWAN PROJECT, NTS 41P/15

SECTION 10600E

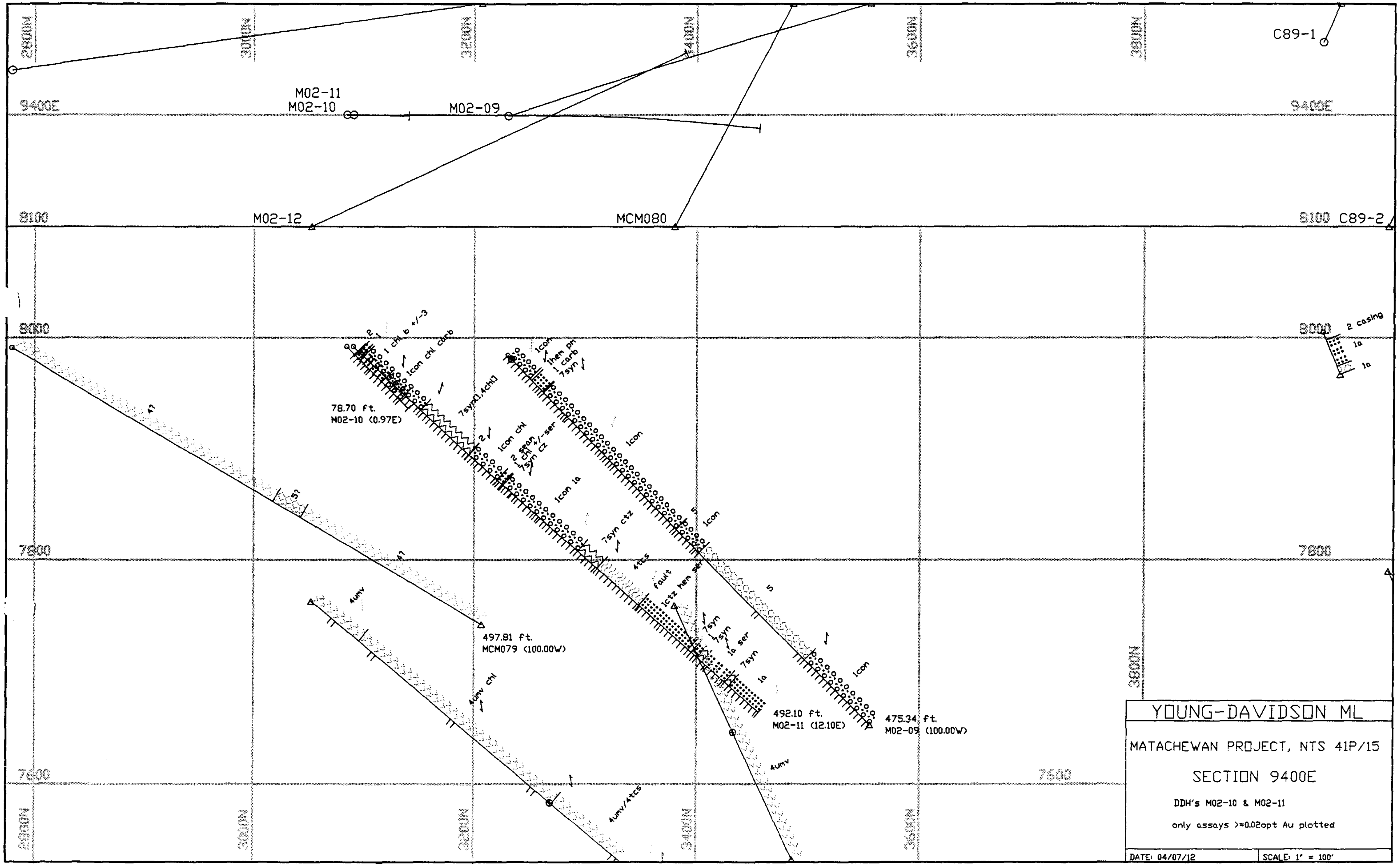
DDH M02-20

only assays >=0.02opt Au plotted

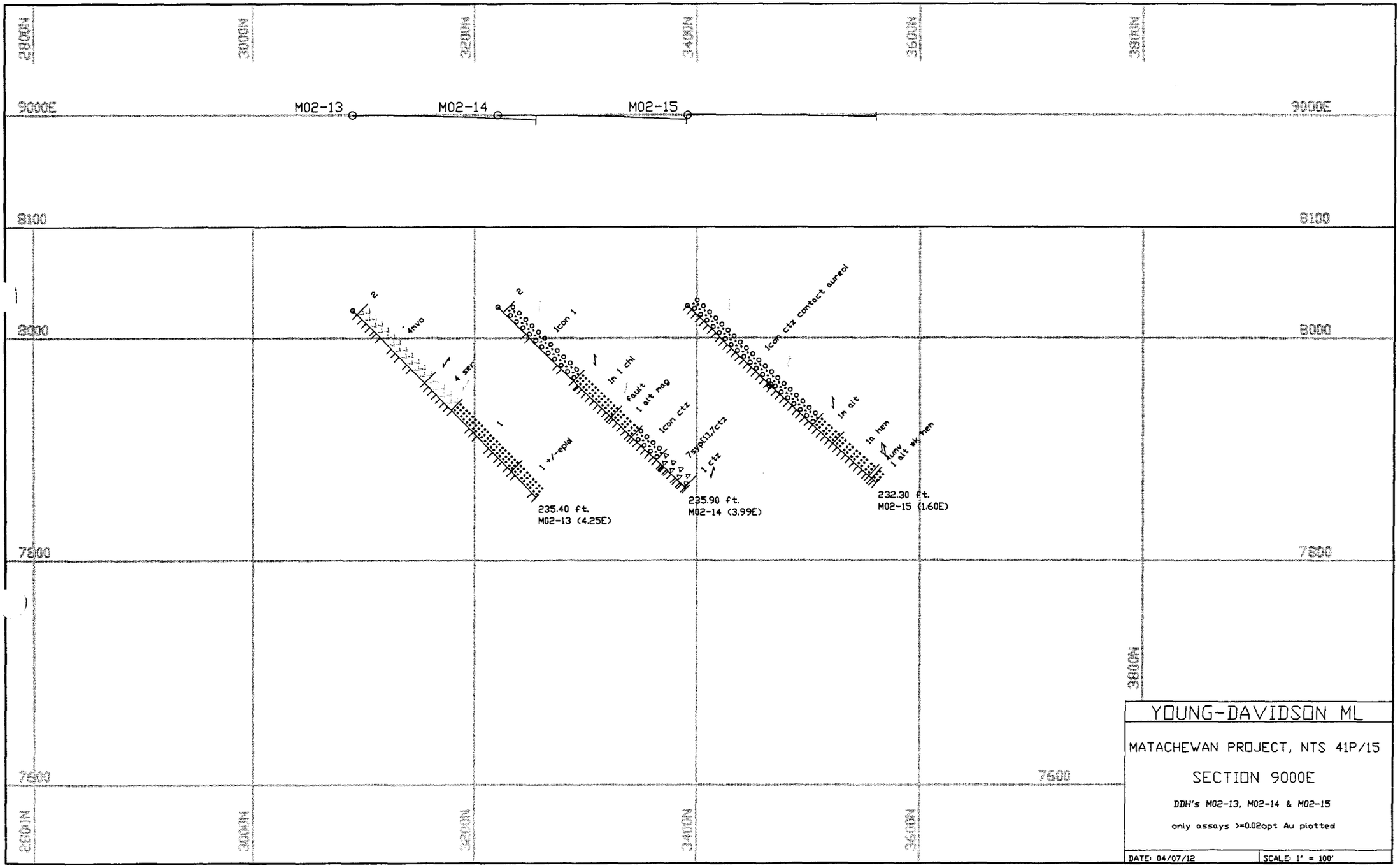
DATE: 04/07/16 | SCALE: 1" = 200'



M02-16
M02-12
M02-17
MCM080
C89-2
8100
8000
7800
7600
2800N
3000N
3200N
3400N
3600N
3800N
229.70 ft.
M02-16 (15.70W)
324.90 ft.
M02-12 (100.00W)
240.25 ft.
MCM080 (100.00W)
4umv
2 Casing
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 9600E
DDH's M02-12 & M02-17
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'



YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 9400E
DDH's M02-10 & M02-11
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'
2800N
3000N
3200N
3400N
3600N
3800N
9400E
8100
8000
7800
7600
C89-1
C89-2
M02-11
M02-10
M02-09
M02-12
MCM080
78.70 ft.
M02-10 (0.97E)
497.81 ft.
MCM079 (100.00W)
492.10 ft.
M02-11 (12.10E)
475.34 ft.
M02-09 (100.00W)
2 casing
1a
1con
7syn
4umv
4umv chl
4umv/4tcs
fault
5



YOUNG-DAVIDSON ML

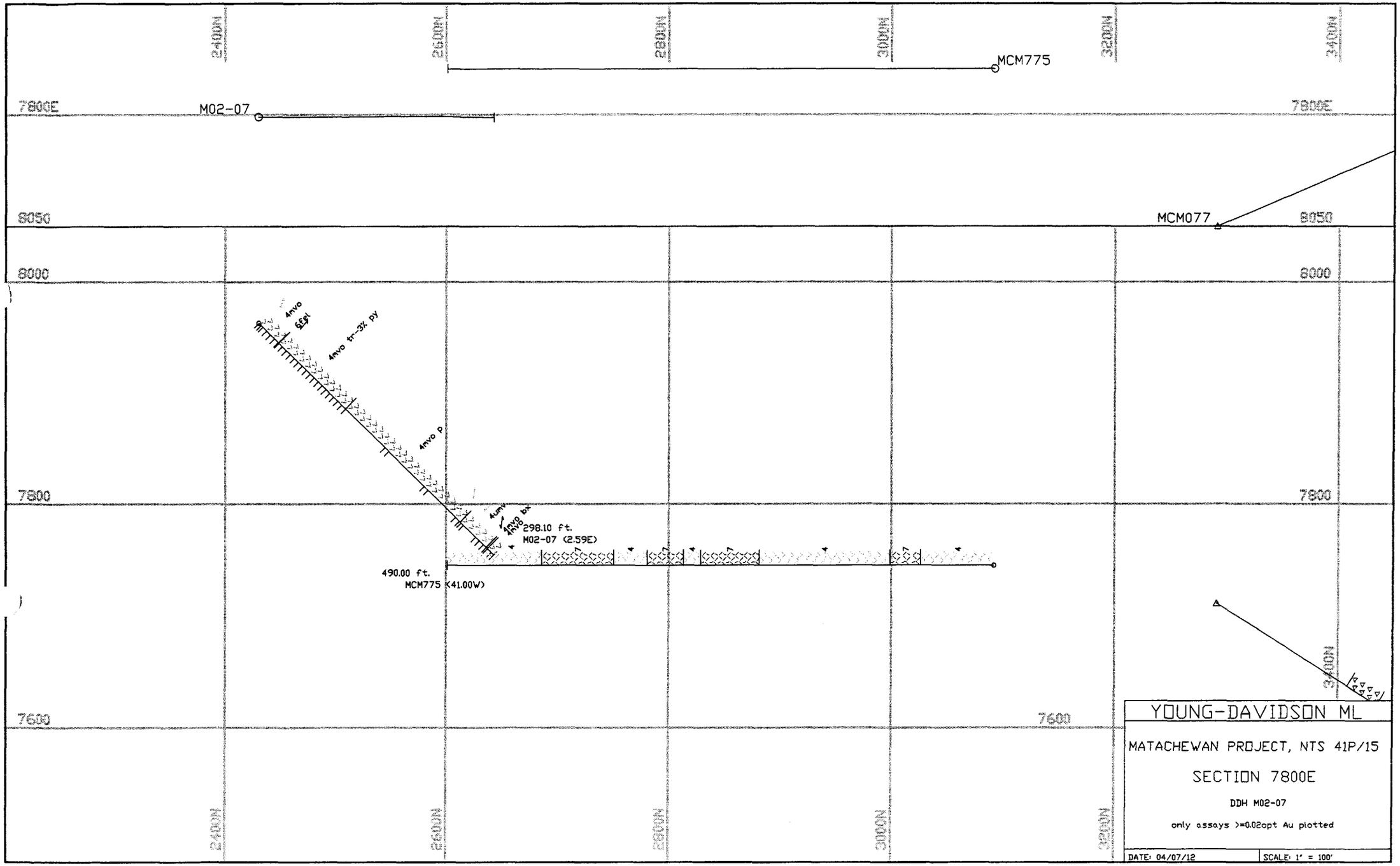
MATACHEWAN PROJECT, NTS 41P/15

SECTION 9000E

DDH's M02-13, M02-14 & M02-15

only assays >=0.02opt Au plotted

DATE: 04/07/12 | SCALE: 1" = 100'



YOUNG-DAVIDSON ML

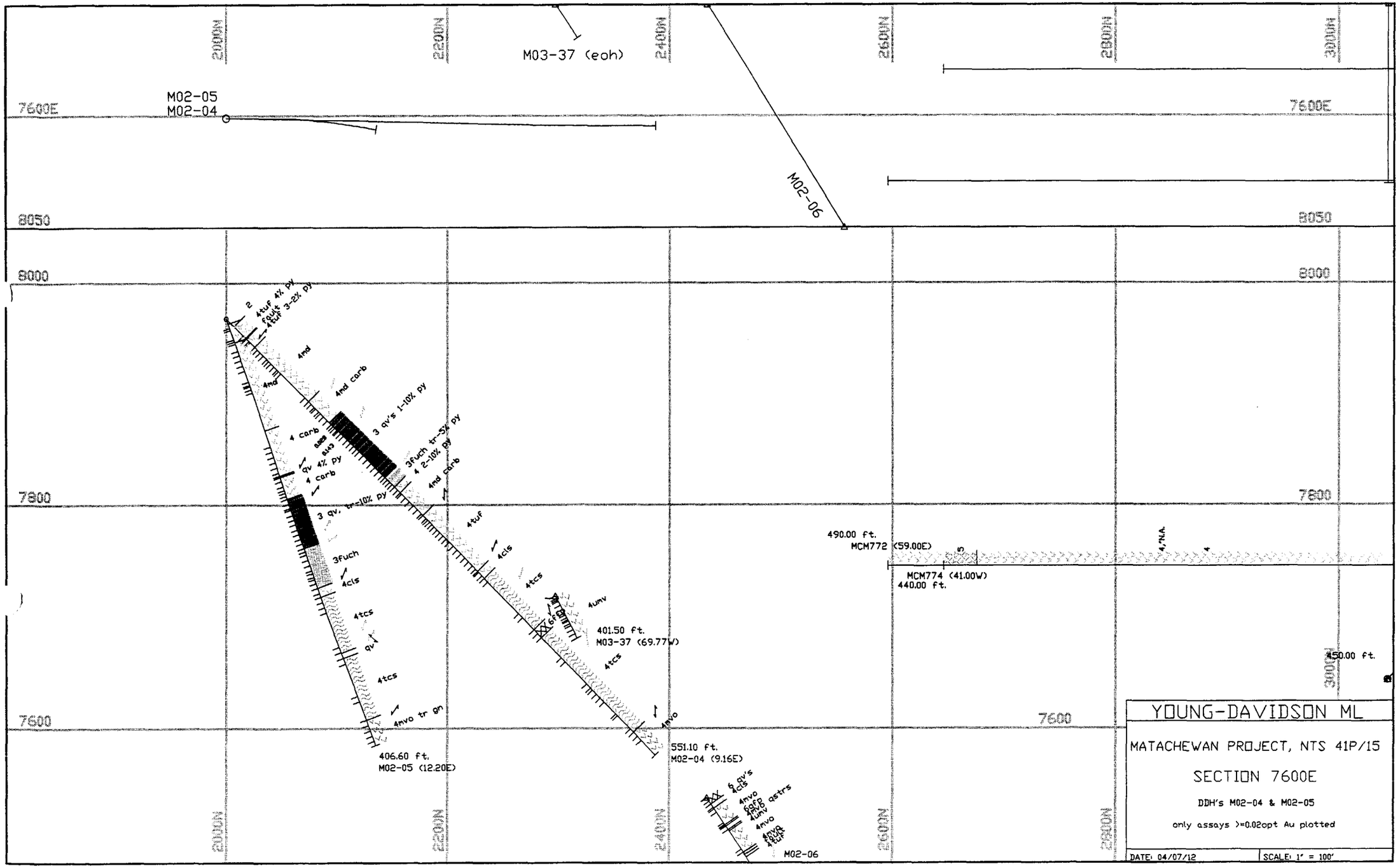
MATACHEWAN PROJECT, NTS 41P/15

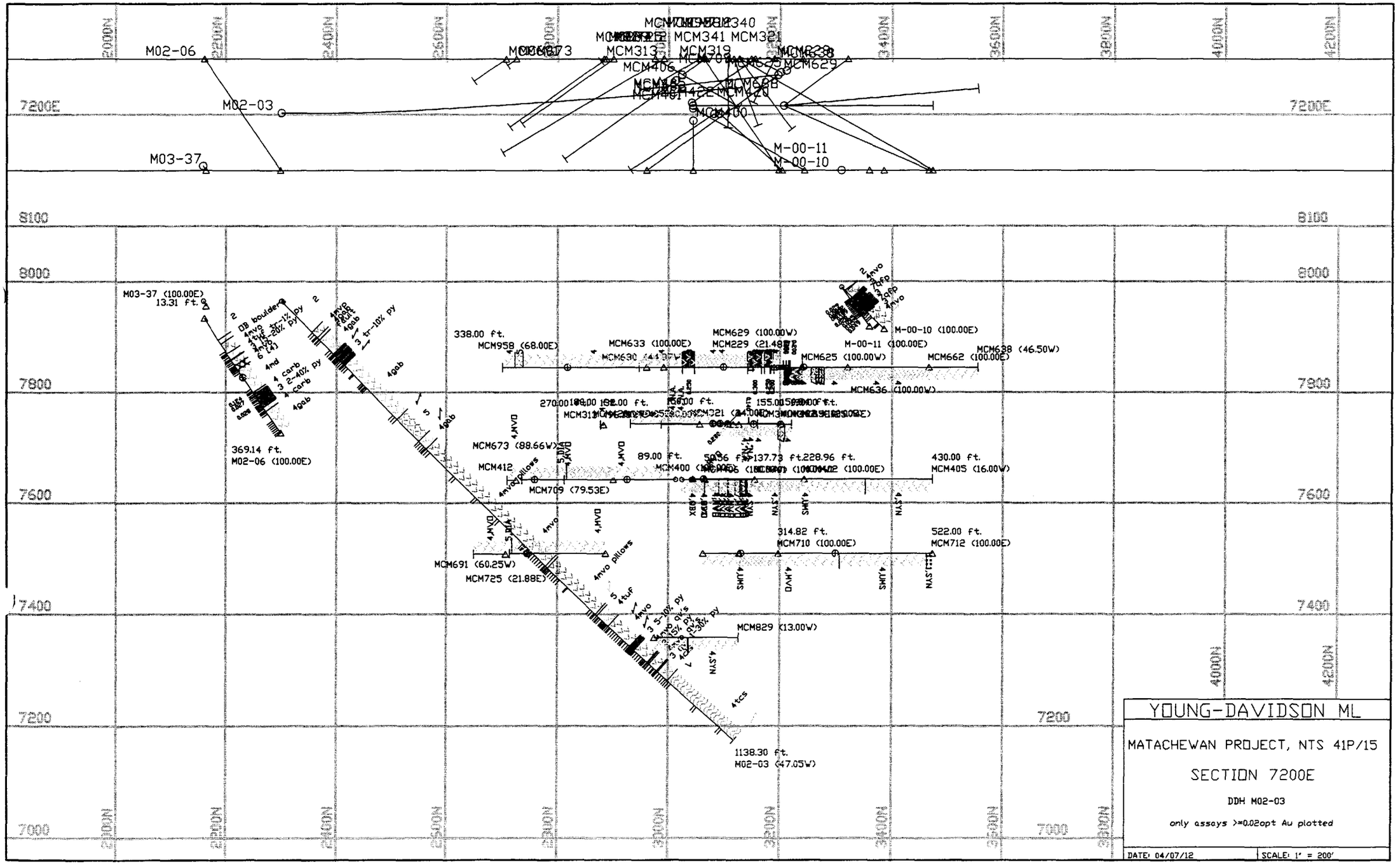
SECTION 7800E

DDH M02-07

only assays >=0.02opt Au plotted

DATE: 04/07/12 | SCALE: 1" = 100'


2000N
2200N
2400N
2600N
2800N
3000N
7600E
M03-37 (eoh)
M02-05
M02-04
M02-06
8050
8000
7800
7600
2 4tuf 4% py
4fuch 4tuf 3-2% py
4md
4md carb
3 qv's 1-10% py
4 carb
3fuch tr-5% py
4 2-10% py
qv 4% py
3 qv, tr-10% py
3fuch
4cls
4tcs
qv
4mvo tr gn
406.60 ft.
M02-05 (12.20E)
4tuf
4mvo
401.50 ft.
M03-37 (69.77W)
551.10 ft.
M02-04 (9.16E)
5 qv's
4mvo qstrs
490.00 ft.
MCM772 (59.00E)
MCM774 (41.00W)
440.00 ft.
4,NA.
450.00 ft.
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 7600E
DDH's M02-04 & M02-05
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'



YOUNG-DAVIDSON ML

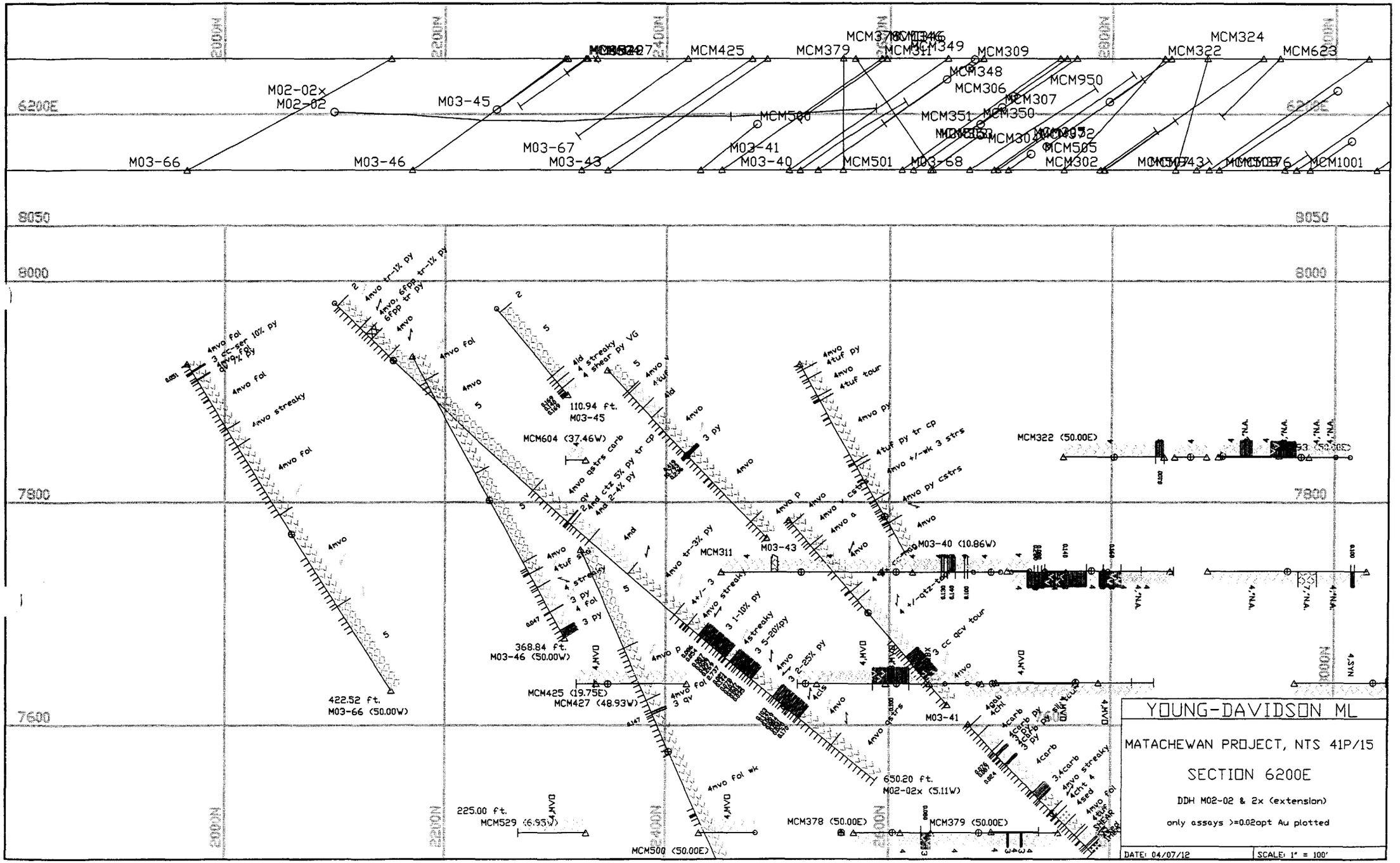
MATACHEWAN PROJECT, NTS 41P/15

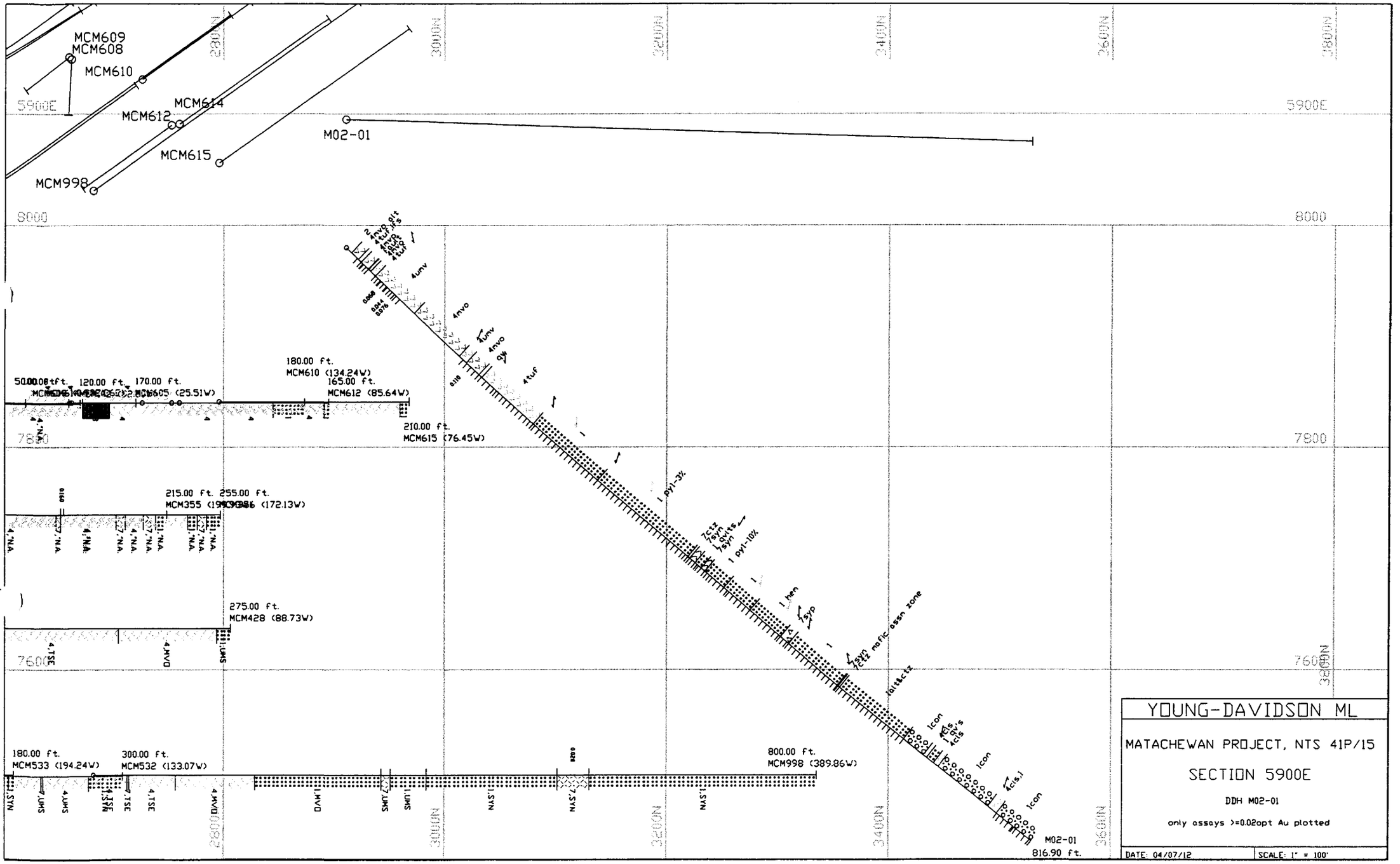
SECTION 7200E

DDH M02-03

only assays >=0.02opt Au plotted

DATE: 04/07/12 | SCALE: 1" = 200'


6200E
8050
8000
7800
7600
M02-02x
M02-02
M03-45
M03-66
M03-46
M03-67
M03-43
M03-41
M03-40
MCM425
MCM379
MCM311
MCM309
MCM348
MCM306
MCM307
MCM950
MCM322
MCM623
MCM324
MCM500
MCM351
MCM350
MCM505
MCM302
MCM501
M03-68
MCM1001
110.94 ft.
M03-45
MCM604 (37.46W)
422.52 ft.
M03-66 (50.00W)
368.84 ft.
M03-46 (50.00W)
MCM425 (19.75E)
MCM427 (48.93W)
MCM322 (50.00E)
M03-40 (10.86W)
M03-41
650.20 ft.
M02-02x (5.11W)
225.00 ft.
MCM529 (6.93W)
MCM500 (50.00E)
MCM378 (50.00E)
MCM379 (50.00E)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 6200E
DDH M02-02 & 2x (extension)
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'



YOUNG-DAVIDSON ML

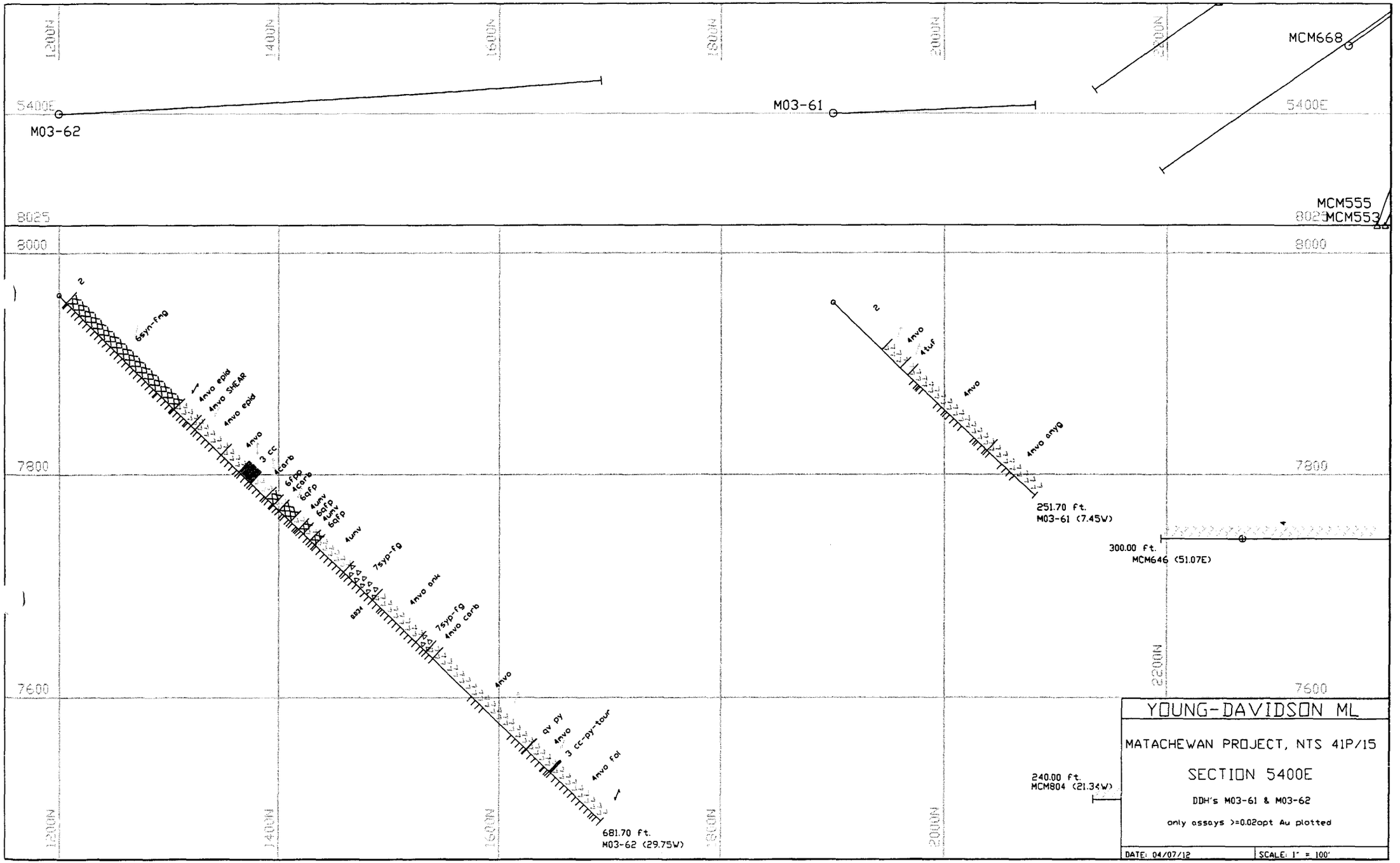
MATACHEWAN PROJECT, NTS 41P/15

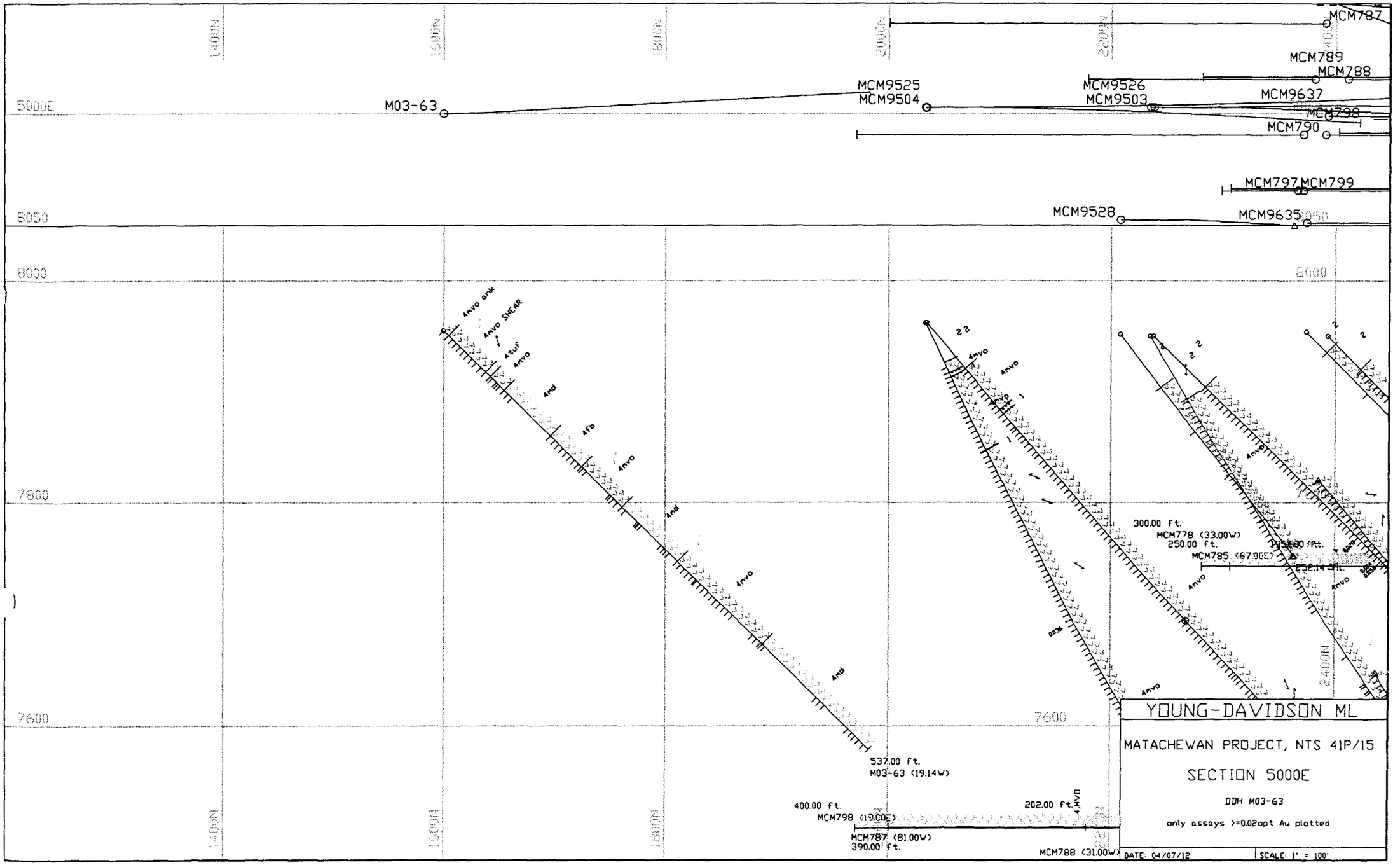
SECTION 5900E

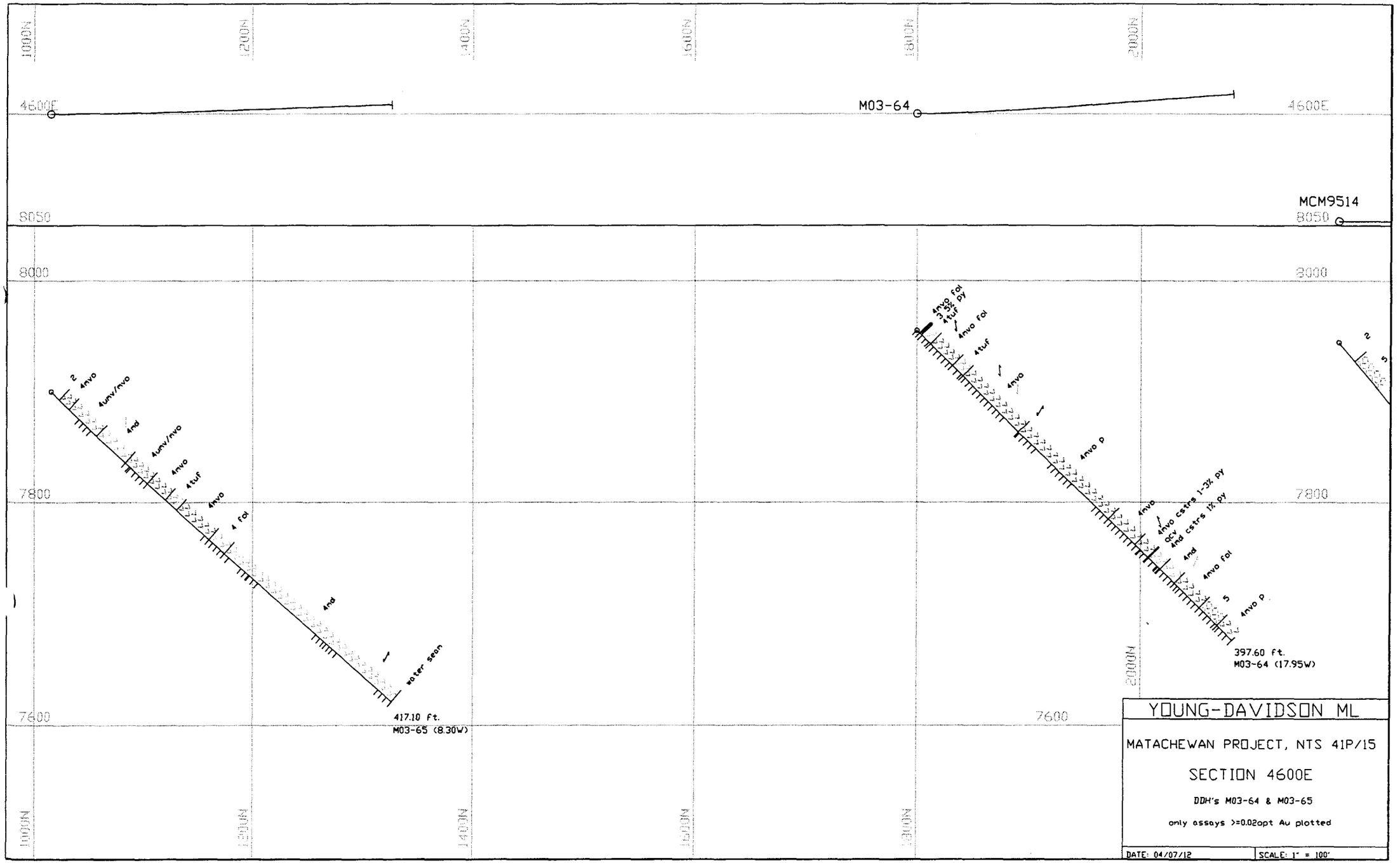
DDH M02-01

only assays >=0.02opt Au plotted

DATE: 04/07/12 | SCALE: 1" = 100'


1200N
1400N
1500N
1800N
2000N
2200N
5400E
M03-62
M03-61
MCM668
MCM555
MCM553
8025
8000
7800
7600
6syn-fng
4nvo epid
4nvo SHEAR
4nvo epid
4nvo
3 cc
4carb
6fpo
4carb
6qfp
4unv
6qfp
4unv
6qfp
4unv
7syp-fg
4nvo ank
7syp-fg
4nvo carb
4nvo
qv py
4nvo
3 cc-py-tour
4nvo fol
681.70 ft.
M03-62 (29.75W)
4nvo
4tuf
4nvo
4nvo anyg
251.70 ft.
M03-61 (7.45W)
300.00 ft.
MCM646 (51.07E)
240.00 ft.
MCM804 (21.34W)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 5400E
DDH's M03-61 & M03-62
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'


1400N
1600N
1800N
2000N
2200N
2400N
5000E
8050
8000
7800
7600
MCM787
MCM789
MCM788
MCM9525
MCM9504
M03-63
MCM9526
MCM9503
MCM9637
MCM798
MCM790
MCM797
MCM799
MCM9528
MCM9635
4nvo ank
4nvo SHEAR
4tuf
4nvo
4nd
4fb
4nvo
4nd
4nvo
4nd
537.00 ft.
M03-63 (19.14W)
400.00 ft.
MCM798 (19.00E)
MCM787 (81.00W)
390.00 ft.
202.00 ft.
MCM788 (31.00W)
300.00 ft.
MCM778 (33.00W)
250.00 ft.
MCM785 (67.00E)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 5000E
DDH M03-63
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'



YOUNG-DAVIDSON ML

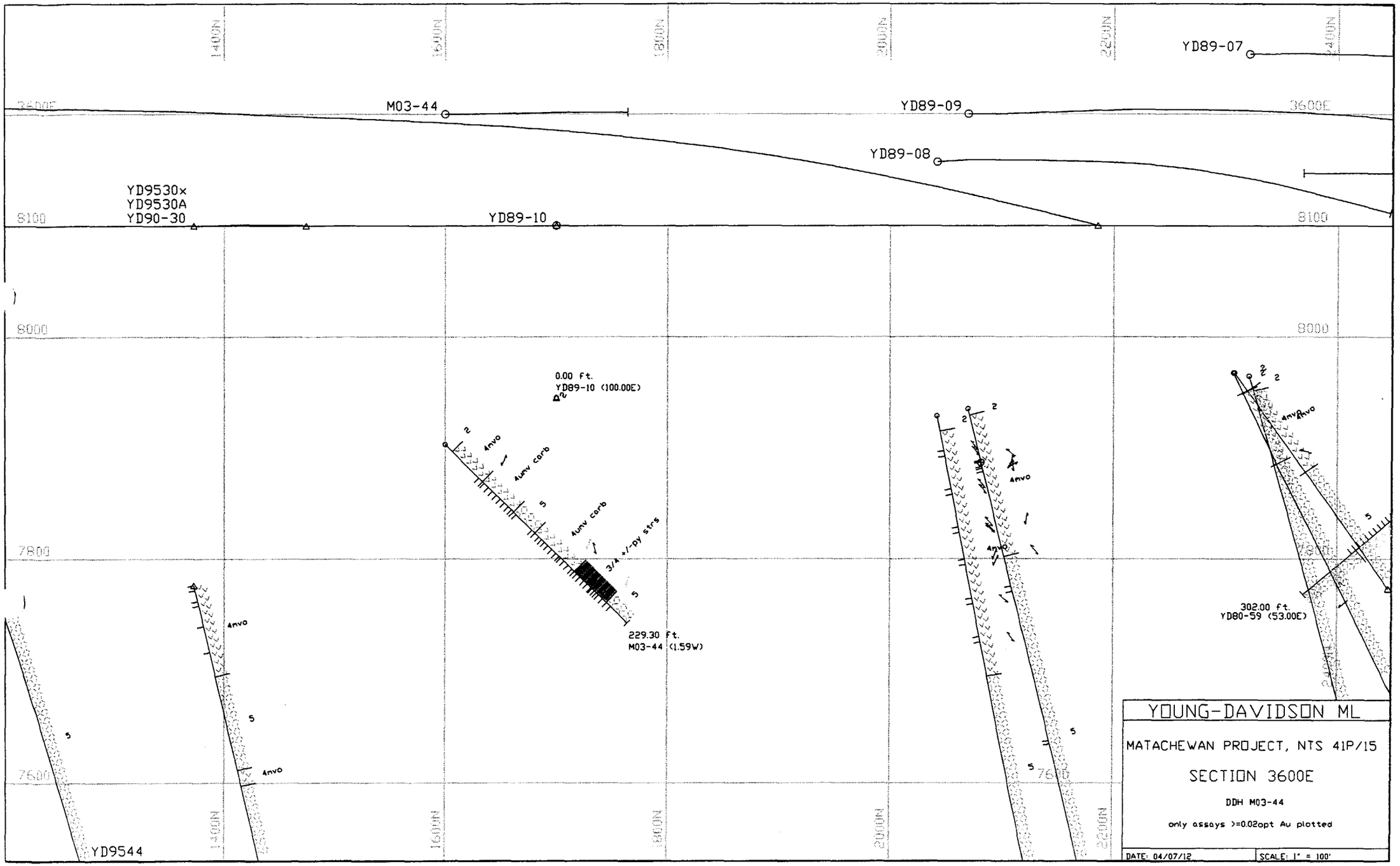
MATACHEWAN PROJECT, NTS 41P/15

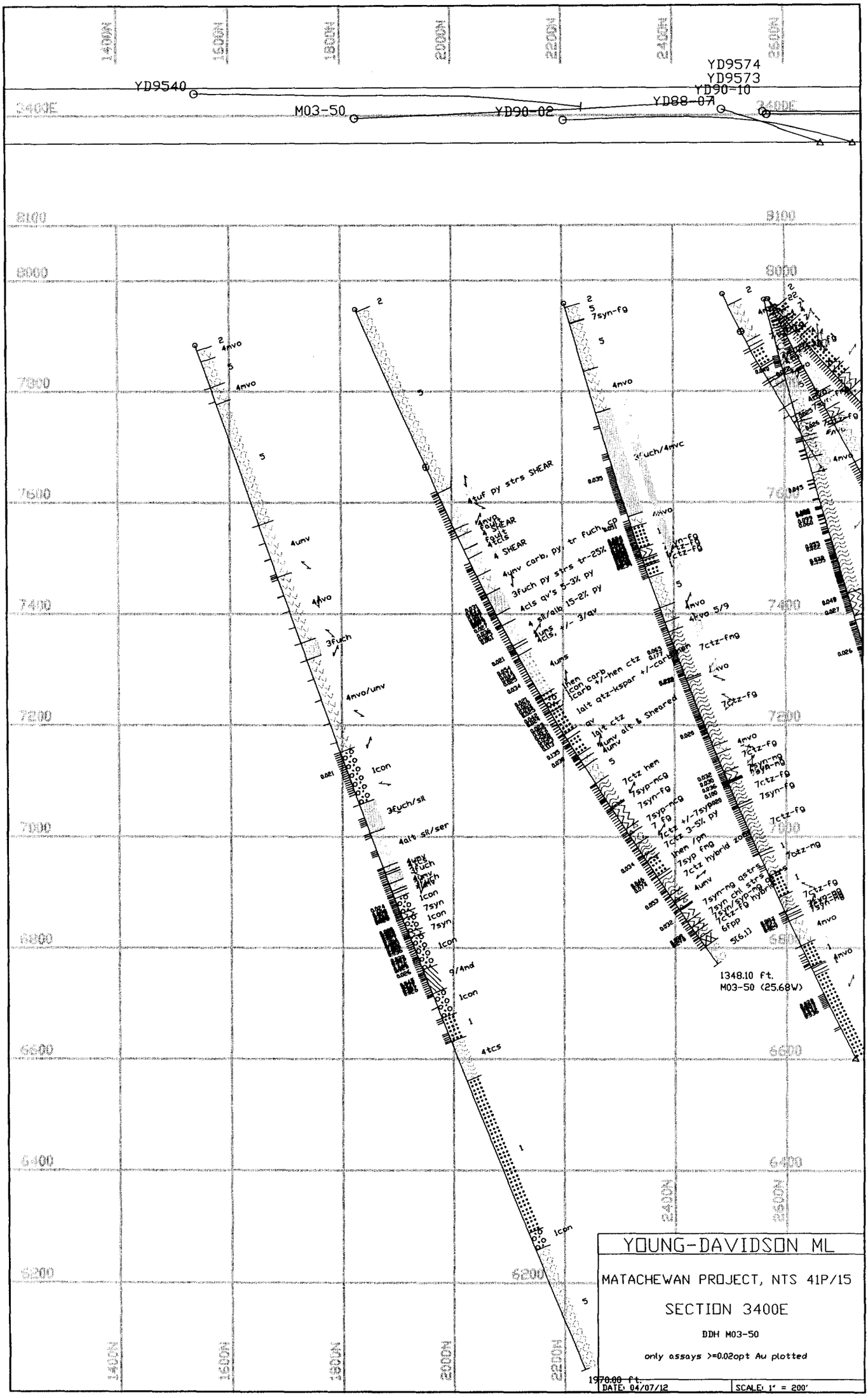
SECTION 4600E

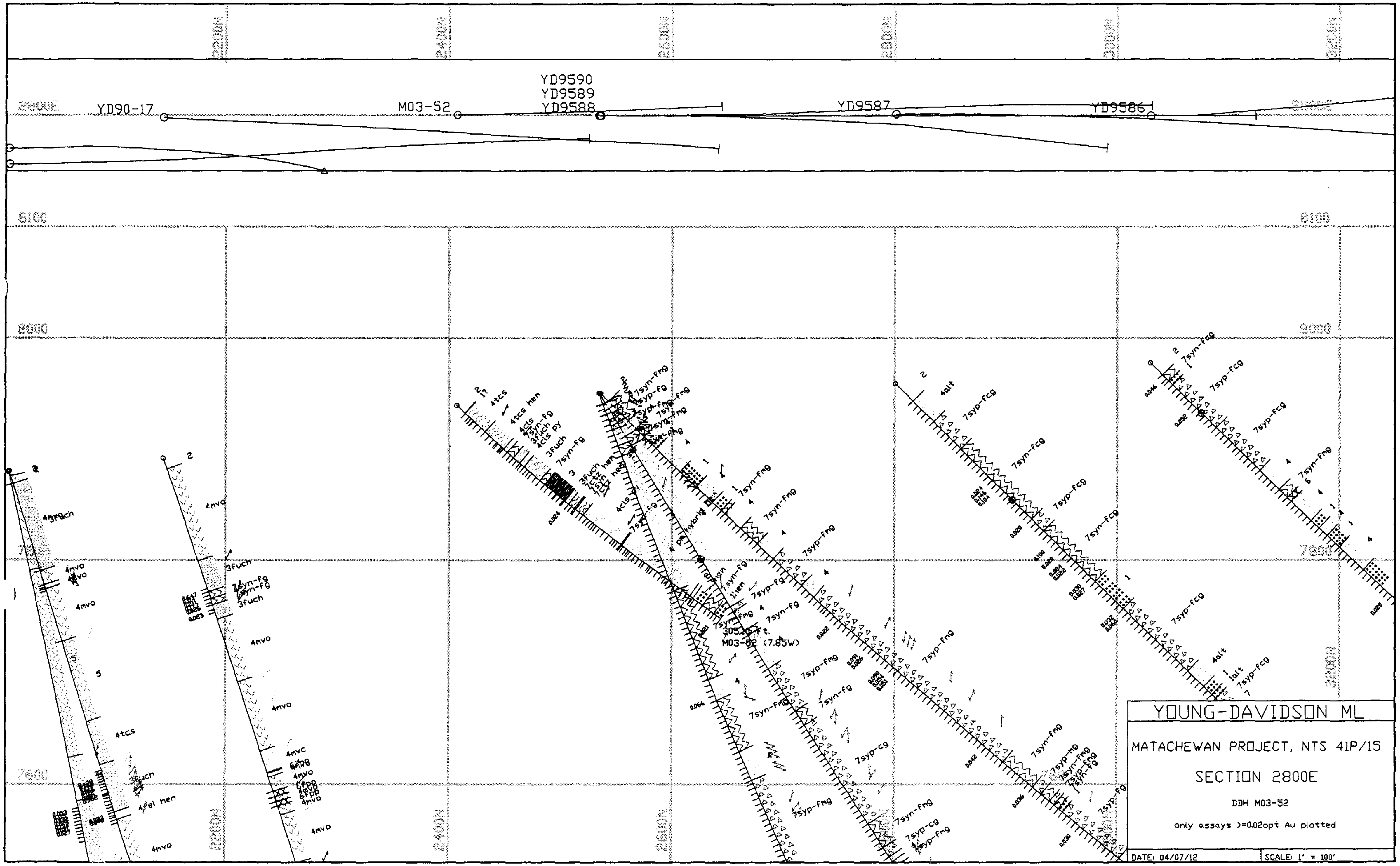
DDH's M03-64 & M03-65

only assays >=0.02opt Au plotted

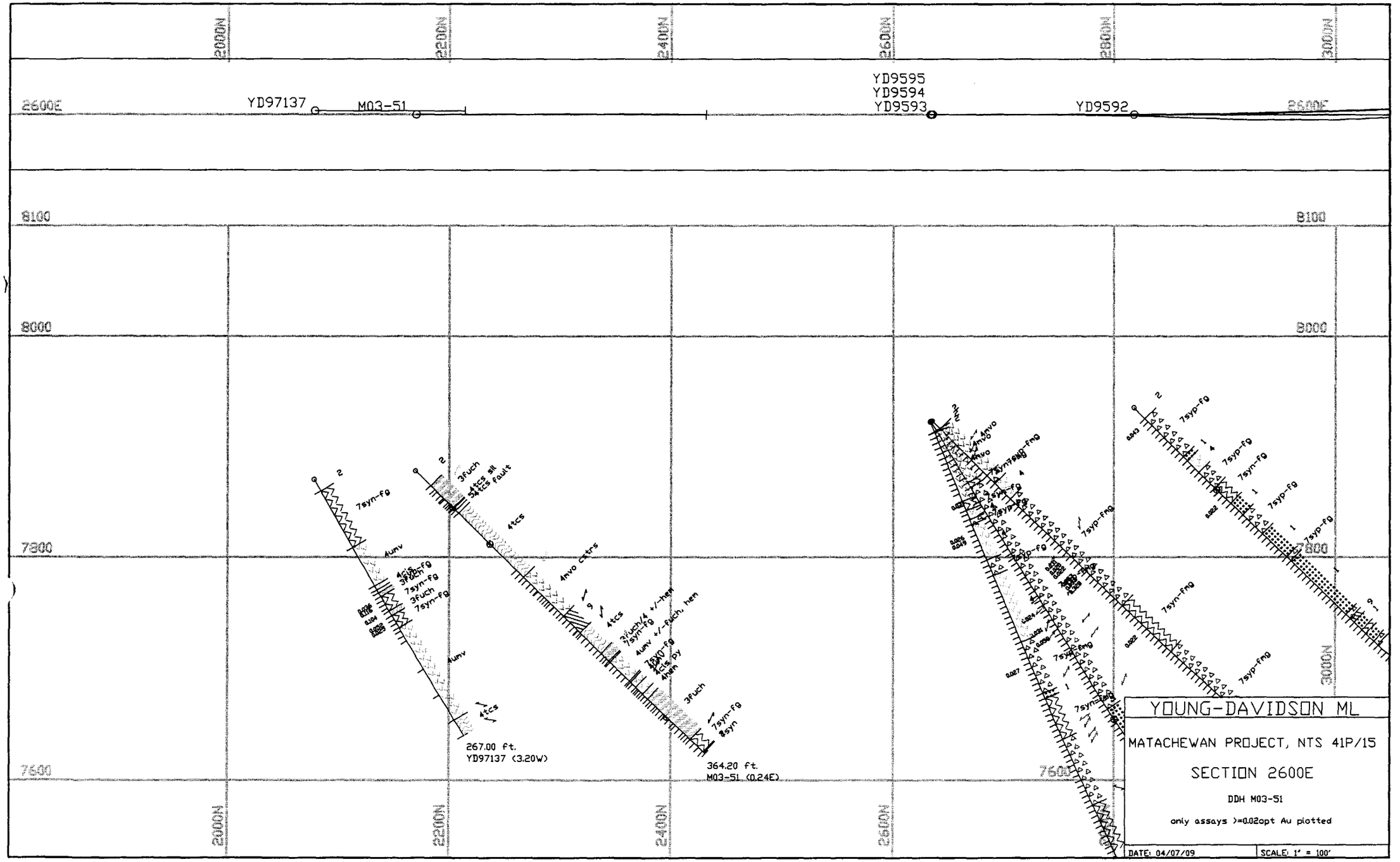
DATE: 04/07/12 | SCALE: 1" = 100'

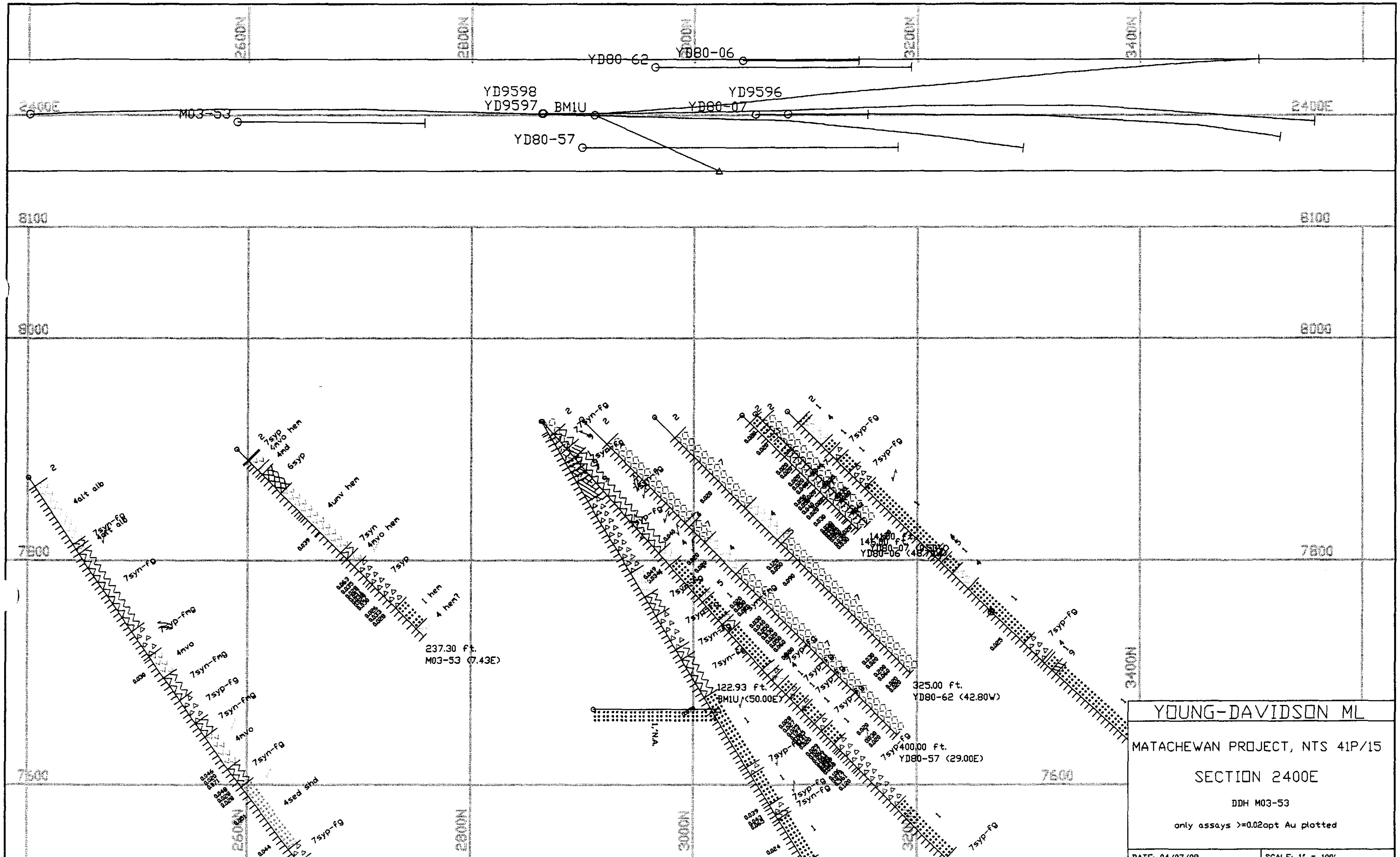

1400N
1600N
1800N
2000N
2200N
2400N
3600E
M03-44
YD89-09
YD89-07
YD89-08
YD9530x
YD9530A
YD90-30
YD89-10
8100
8000
7800
7600
0.00 ft.
YD89-10 (100.00E)
4nvo
4unv carb
5
4unv carb
3/4 +/-py strs
5
229.30 ft.
M03-44 (1.59W)
4nvo
5
4nvo
YD9544
302.00 ft.
YD80-59 (53.00E)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 3600E
DDH M03-44
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'


1400N
1600N
1800N
2000N
2200N
2400N
2600N
YD9574
YD9573
YD90-10
YD88-07
YD9540
M03-50
YD90-02
3400E
8100
8000
7900
7800
7700
7600
7500
7400
7300
7200
7100
7000
6900
6800
6700
6600
6500
6400
6300
6200
1348.10 ft.
M03-50 (25.68W)
1970.00 ft.
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 3400E
DDH M03-50
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 200'



2200N
2400N
2600N
2800N
3000N
3200N
YD9590
YD9589
YD9588
YD90-17
M03-52
YD9587
YD9586
2800E
8100
8000
7900
7800
305.10 Ft.
M03-52 (7.85W)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 2800E
DDH M03-52
only assays >=0.02opt Au plotted
DATE: 04/07/12
SCALE: 1" = 100'


2000N
2200N
2400N
2600N
2800N
3000N
2600E
YD97137
M03-51
YD9595
YD9594
YD9593
YD9592
8100
8000
7800
7600
7syn-fg
4mv
3fuch
4tcs
4tcs silt
4tcs fault
4mvo cstrs
7syp-fg
7syn-fmg
267.00 ft.
YD97137 (3.20W)
364.20 ft.
M03-51 (0.24E)
YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 2600E
DDH M03-51
only assays >=0.02opt Au plotted
DATE: 04/07/09
SCALE: 1" = 100'



YOUNG-DAVIDSON ML

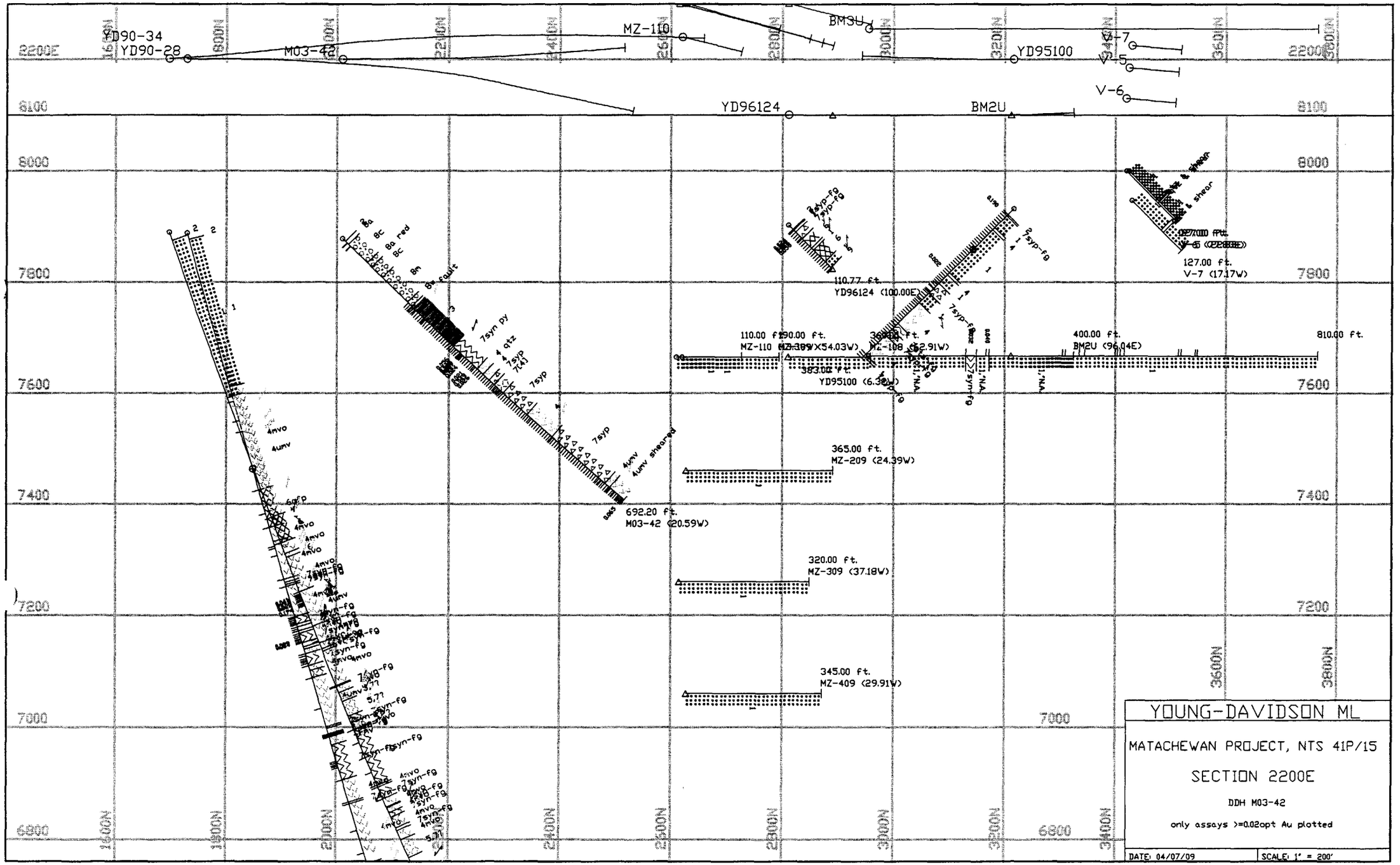
MATACHEWAN PROJECT, NTS 41P/15

SECTION 2400E

DDH M03-53

only assays >=0.02opt Au plotted

DATE: 04/07/09 | SCALE: 1" = 100'



YOUNG-DAVIDSON ML

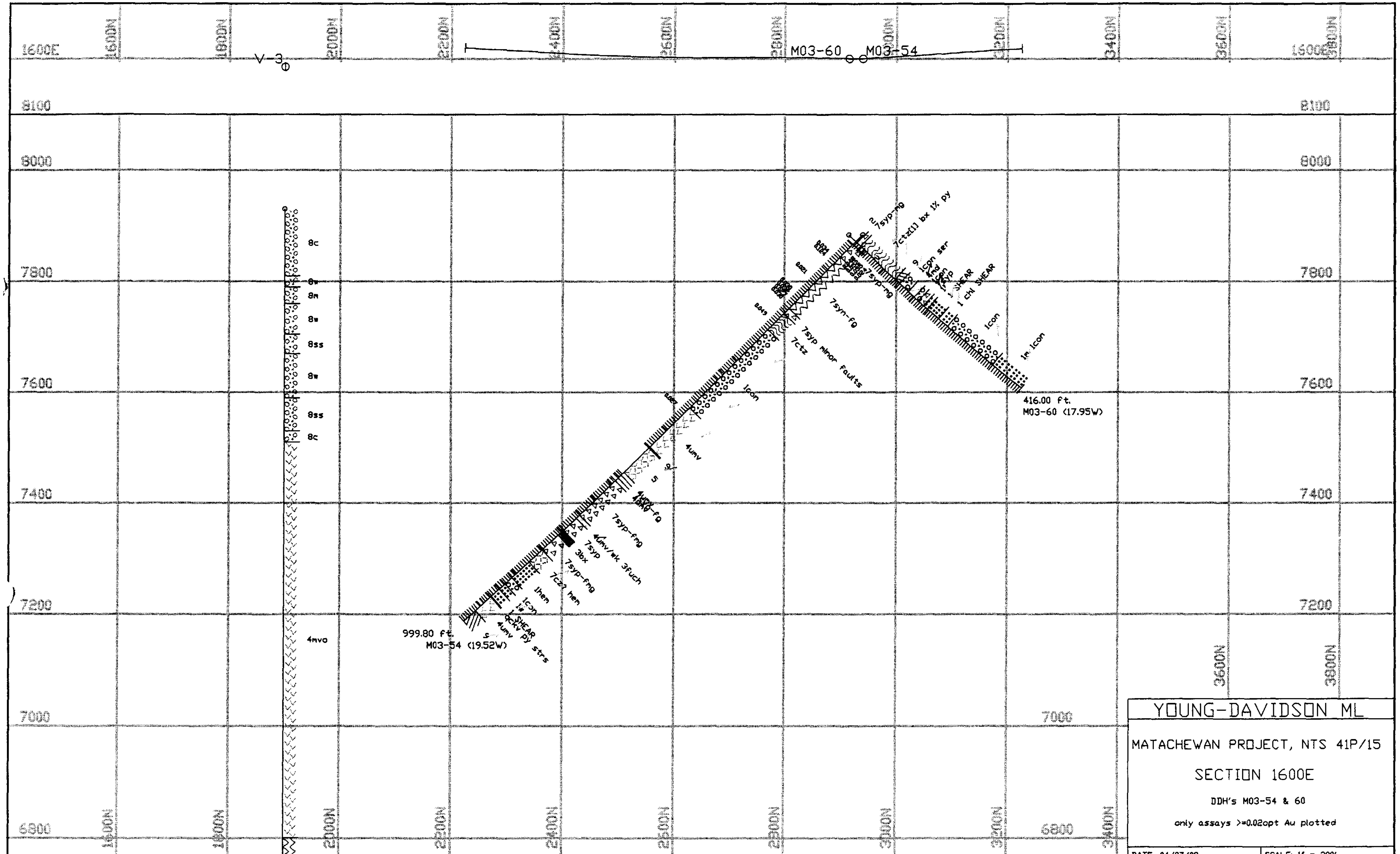
MATACHEWAN PROJECT, NTS 41P/15

SECTION 2200E

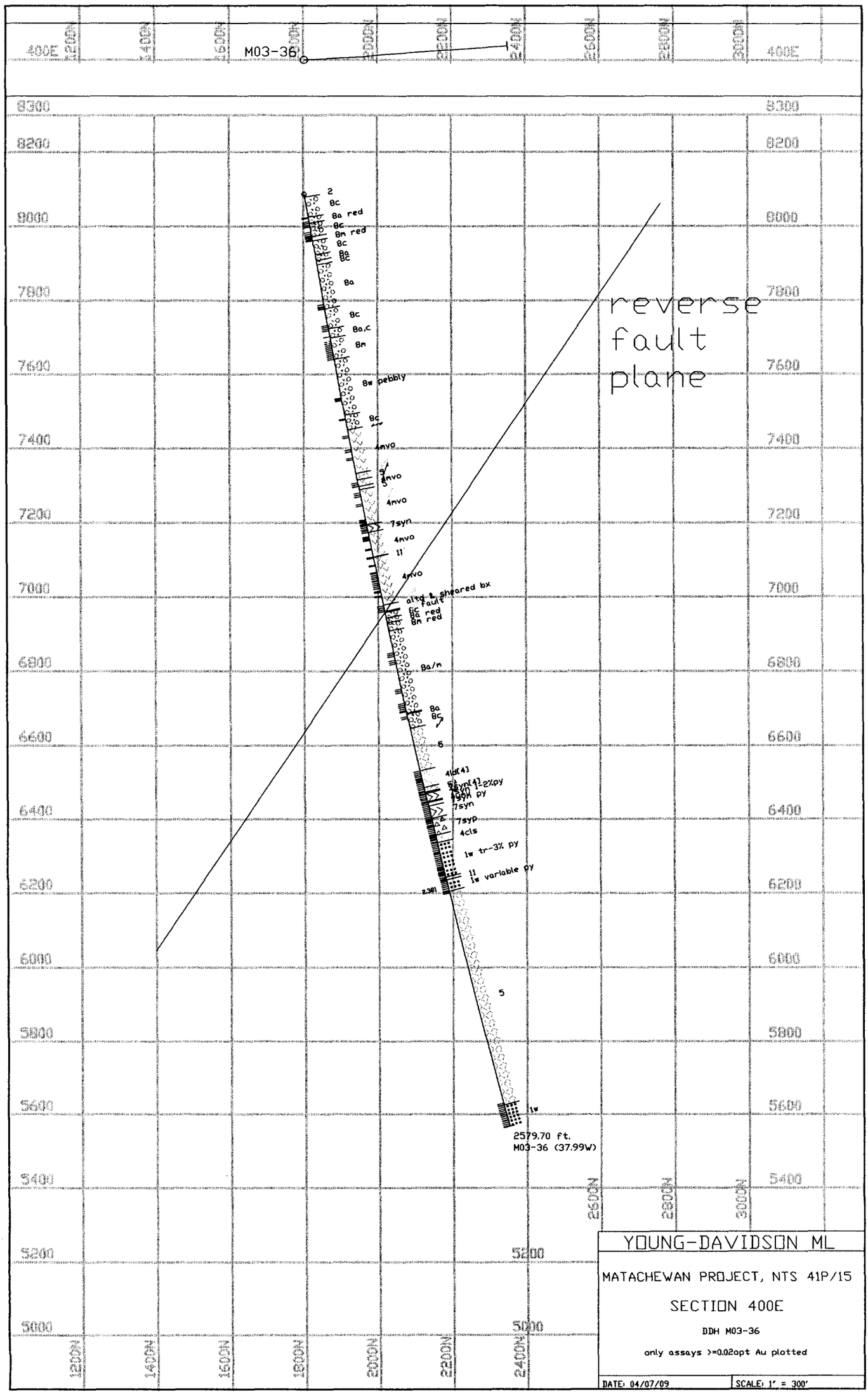
DDH M03-42

only assays >=0.02opt Au plotted

DATE: 04/07/09 | SCALE: 1" = 200'



YOUNG-DAVIDSON ML
MATACHEWAN PROJECT, NTS 41P/15
SECTION 1600E
DDH's M03-54 & 60
only assays >=0.02opt Au plotted
DATE: 04/07/09
SCALE: 1" = 200'
M03-60
M03-54
V-3
416.00 ft.
M03-60 (17.95W)
999.80 ft.
M03-54 (19.52W)
8100
8000
7800
7600
7400
7200
7000
6800
1600E
1600N
1800N
2000N
2200N
2400N
2600N
2800N
3000N
3200N
3400N
3600N
3800N



YOUNG-DAVIDSON ML

MATACHEWAN PROJECT, NTS 41P/15

SECTION 400E

DDH M03-36

only assays >=0.02apt Au plotted

DATE: 04/07/09 | SCALE: 1" = 300'

YOUNG-DAVIDSON MINES, LIMITED

2002-2003
DIAMOND DRILL HOLE ASSAY CERTIFICATES

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Geochemical Analysis Certificate

3W-0083-RG1

Company: **1519864 ONTARION LIMITED**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted JAN-09-03 by .

Sample Number	Au PPB	Au Check PPB
13356	58	-
13357	15	-
13358	7	-
13359	19	27
13360	Nil	-
13361	12	19
13362	9	-
13363	Nil	-
13364	Nil	-
13365	7	-
13366	5	-
13367	Nil	-
13368	Nil	-
13369	5	-
13370	10	-
13371	55	50
13372	Nil	-
13373	Nil	-
13374	2	-
13375	21	-
13376	10	5
13377	17	-
13378	27	-
13379	45	-
13380	24	-
13381	2	-
13382	14	-
13383	10	-
13384	22	9
13385	2	-

Certified by Denis Charette

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Geochemical Analysis Certificate

3W-0083-RG1

Company: **1519864 ONTARION LIMITED**
Project: YD Matachewan
Attn: T. Oliradovich

Date: JAN-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted JAN-09-03 by .

Sample Number	Au PPB	Au Check PPB
13386	24	-
13387	79	105
13388	10	-
13389	Nil	-
13390	27	-
13391	22	-
13392	17	-
13393	Nil	-
13394	Nil	-
13395	3	-
13396	Nil	-
13397	24	-
13398	34	-
13399	38	-
13400	69	65
13401	38	-
13402	2	-
13403	31	-
13404	15	-
13405	Nil	-
13406	7	-
13407	12	-
13408	Nil	-
13409	14	-
13410	Nil	-
13411	Nil	-
13412	9	-
13413	5	-
13414	7	-
13415	98	94

Certified by Denis Chartrand

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3W-0083-RG1

Company: **1519864 ONTARION LIMITED**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted JAN-09-03 by .

Sample Number	Au PPB	Au Check PPB
13416	70	62
13417	41	-
13418	Nil	-
13419	29	-
13420	26	-

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3W-0118-RG1

Company: **1519864 ONTARIO LTD**
Project: TD Matachewan
Attn: T. Bradovich

Date: JAN-16-03

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13421	5	-
13422	31	38
13423	2	-
13424	5	-
13425	Nil	-
13426	Nil	-
13427	Nil	-
13428	Nil	-
13429	Nil	-
13430	Nil	-
13431	5	-
13432	Nil	-
13433	15	-
13434	Nil	-
13435	Nil	-
13436	Nil	-
13437	Nil	-
13438	24	17
13439	Nil	-
13440	Nil	-
13441	Nil	-
13442	Nil	-
13443	Nil	-
13444	Nil	-
13445	79	91
13446	3	-
13447	12	-
13448	Nil	-
13449	Nil	-
13450	Nil	-

Certified by Denis Chamberland

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3W-0118-RG1

Company: **1519864 ONTARIO LTD**
Project: TD Matachewan
Attn: T. Obradovich

Date: JAN-16-03

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13451	5	-
13452	15	-
13453	7	-
13454	2	-
13455	Nil	-
13456	Nil	-

Certified by Denis Chartrand

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3W-0119-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-17-03

We hereby certify the following Geochemical Analysis of 48 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13457	5	-
13458	3	7
13459	10	-
13460	27	-
13461	19	-
13462	5	-
13463	2	-
13464	3	-
13465	24	62
13466	5	-
13467	10	-
13468	12	-
13469	5	-
13470	24	-
13471	21	-
13472	17	-
13473	9	-
13474	Nil	-
13475	Nil	-
13476	Nil	-
13477	17	-
13478	2	-
13479	10	-
13480	14	-
13481	5	-
13482	3	2
13483	3	-
13484	Nil	-
13485	Nil	-
13486	Nil	-

Certified by J. Dean

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3W-0119-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-17-03

We hereby certify the following Geochemical Analysis of 48 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13487	Nil	-
13488	3	-
13489	5	-
13490	15	-
13491	Nil	-
13492	Nil	-
13493	Nil	-
13494	Nil	-
13495	2	-
13496	3	-
13497	Nil	-
13498	9	-
13499	10	-
13500	5	-
13501	3	-
13502	Nil	-
13503	Nil	-
13504	Nil	-

Certified by

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3W-0120-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-17-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13505	12	-
13506	26	-
13507	14	-
13508	5	3
13509	3	-
13510	7	-
13511	14	-
13512	7	-
13513	2	-
13514	Nil	-
13515	5	-
13516	Nil	-
13517	Nil	-
13518	26	-
13519	3	-
13520	Nil	-
13521	26	-
13522	5	-
13523	17	-
13524	57	-
13525	34	27
13526	29	-
13527	26	-
13528	31	-
13529	33	-
13530	24	-
13531	74	-
13532	34	-
13533	48	-
13534	72	77

Certified by

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3W-0120-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-17-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13535	24	-
13536	Nil	-
13537	Nil	-
13538	10	-
13539	2	-
13540	Nil	-
13541	Nil	-
13542	60	77
13543	31	-
13544	39	-
13545	70	-
13546	Nil	-
13547	48	-
13548	111	-
13549	41	-
13550	17	-
13551	14	-
13552	101	-
13553	81	-
13554	17	-
13555	146	135
13556	67	-
13557	2	-
13558	10	-

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3W-0121-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-16-03

We hereby certify the following Geochemical Analysis of 25 Core samples submitted JAN-14-03 by .

Sample Number	Au PPB	Au Check PPB
13559	24	21
13560	15	-
13561	9	-
13562	21	-
13563	118	-
13564	24	-
13565	22	-
13566	Nil	-
13567	17	-
13568	17	-
13569	36	-
13570	19	-
13571	79	89
13572	34	-
13573	22	-
13574	141	-
13575	43	-
13576	10	-
13577	14	-
13578	75	65
13579	33	-
13580	Nil	-
13581	14	-
13582	3	-
13583	26	-

Certified by Denis Charette

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3W-0161-RG1

Company: **1519864 ONTARIO**
Project: YD MATACHEWAN
Attn: T. Obradovich

Date: JAN-22-03

We hereby certify the following Geochemical Analysis of 35 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13584	14	-
13585	10	17
13586	9	-
13587	12	-
13588	24	-
13589	26	-
13590	14	-
13591	51	-
13592	Nil	-
13593	38	-
13594	27	-
13595	22	-
13596	29	-
13597	Nil	-
13598	27	-
13599	39	-
13600	118	123
13601	22	-
13602	Nil	-
13603	9	-
13604	17	-
13605	5	-
13606	3	-
13607	7	-
13608	21	-
13609	31	-
13610	57	-
13611	178	120
13612	96	-
13613	51	-

Certified by Denis Thanton

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3W-0161-RG1

Company: **1519864 ONTARIO**
Project: YD MATACHEWAN
Attn: T. Obradovich

Date: JAN-22-03

We hereby certify the following Geochemical Analysis of 35 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13614	381	290
13615	77	-
13616	110	-
13617	41	-
13618	22	-

Certified by Denis Chartier

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3W-0162-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-02-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13619	84	-
13620	120	101
13621	50	-
13622	39	-
13623	243	214
13624	39	-
13625	7	-
13626	5	-
13627	7	-
13628	12	-
13629	19	-
13630	Nil	-
13631	12	-
13632	19	-
13633	10	-
13634	5	-
13635	27	-
13636	45	-
13637	41	-
13638	22	-
13639	41	-
13640	57	67
13641	3	-
13642	17	-
13643	9	-
13644	5	-
13645	10	-
13646	3	-
13647	2	-
13648	7	-

Certified by Denis Chartier

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3W-0162-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-02-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13649	Nil	-
13650	43	41
13651	27	-
13652	34	-
13653	29	-
13654	Nil	-
13655	46	-
13656	2	-
13657	24	-
13658	27	-
13659	31	-
13660	75	111
13661	14	-
13662	34	-
13663	70	-
13664	17	-
13665	Nil	-
13666	45	-
13667	261	293
13668	Nil	-
13669	38	-
13670	22	-
13671	33	-
13672	7	-

Certified by Denis Thomas

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3W-0163-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-22-03

We hereby certify the following Geochemical Analysis of 32 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13673	Nil	-
13674	17	-
13675	82	-
13676	34	-
13677	29	-
13678	108	117
13679	91	-
13680	3	-
13681	5	-
13682	Nil	-
13683	15	-
13684	17	-
13685	36	-
13686	103	111
13687	5	-
13688	3	-
13689	5	-
13690	10	-
13691	22	-
13692	17	-
13693	6	-
13694	Nil	-
13695	5	-
13696	10	-
13697	19	-
13698	3	-
13699	5	-
13700	19	-
13701	2	-
13702	5	-

Certified by Denis Chamberland

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3W-0163-RG1

Date: JAN-22-03

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 32 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13703	12	-
13704	19	17

Certified by [signature]

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3W-0164-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-22-03

We hereby certify the following Geochemical Analysis of 28 Core samples submitted JAN-17-03 by .

Sample Number	Au PPB	Au Check PPB
13705	Nil	-
13706	10	12
13707	Nil	-
13708	19	-
13709	33	-
13710	Nil	-
13711	5	-
13712	Nil	-
13713	Nil	-
13714	17	-
13715	38	-
13716	57	86
13717	43	-
13718	2	-
13719	7	-
13720	12	-
13721	3	-
13722	5	-
13723	Nil	-
13724	Nil	-
13725	31	-
13726	81	-
13727	137	125
13728	Nil	-
13729	27	-
13730	36	-
13731	72	99
13732	17	-

Certified by Denis Chamberland

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3W-0223-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Geochemical Analysis of 58 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13733	17	-
13734	Nil	-
13735	Nil	3
13736	5	-
13737	7	-
13738	7	-
13739	3	-
13740	Nil	-
13741	Nil	-
13742	5	-
13743	10	-
13744	3	-
13745	2	-
13746	12	-
13747	Nil	-
13748	3	-
13749	5	-
13750	2	-
13751	3	10
13752	2	-
13753	Nil	-
13754	5	-
13755	111	-
13756	10	-
13757	36	94
13758	5	-
13759	5	-
13760	Nil	-
13761	Nil	-
13762	Nil	-

Certified by Denis Chartre

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3W-0223-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Geochemical Analysis of 58 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13763	Nil	-
13764	Nil	-
13765	Nil	-
13766	Nil	-
13767	Nil	-
13768	Nil	Nil
13769	Nil	-
13770	12	-
13771	14	-
13772	5	-
13773	Nil	-
13774	Nil	-
13775	Nil	-
13776	41	-
13777	Nil	-
13778	5	-
13779	2	-
13780	9	-
13781	7	-
13782	5	-
13783	Nil	-
13784	Nil	-
13785	Nil	Nil
13786	5	-
13787	3	-
13788	10	-
13789	3	-
13790	2	-

Certified by Denis Charette

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3W-0225-RA1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Assay of 52 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13791	53	-
13792	Nil	-
13793	26	-
13794	9	10
13795	Nil	-
13796	57	-
13797	Nil	-
13798	Nil	-
13799	206	115
13800	48	-
13801	Nil	-
13802	Nil	-
13803	Nil	-
13804	Nil	-
13805	93	75
13806	Nil	-
13807	34	33
13808	Nil	-
13809	Nil	-
13810	Nil	-
13811	Nil	-
13812	Nil	-
13813	2	-
13814	10	-
13815	Nil	-
13816	Nil	-
13817	Nil	-
13818	Nil	5
13819	Nil	-
13820	Nil	-

Certified by Denis Chartre

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3W-0225-RA1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Assay of 52 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13821	Nil	-
13822	5	-
13823	9	-
13824	Nil	-
13825	Nil	-
13826	9	-
13827	Nil	-
13828	Nil	-
13829	Nil	-
13830	Nil	-
13831	Nil	2
13832	Nil	-
13833	Nil	-
13834	Nil	-
13835	2	-
13836	3	Nil
13837	Nil	-
13838	Nil	-
13839	Nil	-
13840	Nil	-
13841	Nil	-
13842	Nil	-

Certified by Denis Chamberland

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3W-0228-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13843	2	-
13844	Nil	-
13845	10	-
13846	Nil	-
13847	3	5
13848	Nil	-
13849	10	-
13850	2	-
13851	10	-
13852	3	-
13853	9	-
13854	15	-
13855	3	-
13856	Nil	2
13857	31	-
13858	3	-
13859	5	-
13860	Nil	-
13861	Nil	-
13862	27	33
13863	108	75
13864	5	-
13865	5	-
13866	Nil	-
13867	Nil	-
13868	Nil	-
13869	Nil	-
13870	Nil	-
13871	9	-
13872	2	-

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3W-0228-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: JAN-31-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13873	5	-
13874	3	-
13875	2	-
13876	10	-
13877	3	-
13878	5	2
13879	Nil	-
13880	3	-
13881	5	-
13882	Nil	-
13883	2	-
13884	Nil	-
13885	Nil	-
13886	Nil	-
13887	24	-
13888	146	201
13889	269	-
13890	53	-
13891	22	-
13892	27	-
13893	38	-
13894	29	-
13895	12	-
13896	29	-
13897	33	-
13898	65	-

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3W-0229-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-03-03

We hereby certify the following Geochemical Analysis of 59 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13899	38	48
13900	45	-
13901	Nil	-
13902	31	-
13903	26	-
13904	Nil	-
13905	58	-
13906	21	-
13907	27	-
13908	Nil	-
13909	Nil	-
13910	Nil	-
13911	5	-
13912	10	-
13913	Nil	-
13914	Nil	-
13915	Nil	Nil
13916	Nil	-
13917	19	-
13918	Nil	-
13919	Nil	-
13920	Nil	-
13921	14	14
13922	5	-
13923	21	-
13924	Nil	-
13925	39	-
13926	55	-
13927	Nil	-
13928	27	-

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3W-0229-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-03-03

We hereby certify the following Geochemical Analysis of 59 Core samples submitted JAN-23-03 by .

Sample Number	Au PPB	Au Check PPB
13929	10	-
13930	15	-
13931	Nil	Nil
13932	5	-
13933	Nil	-
13934	Nil	-
13935	Nil	-
13936	34	-
13937	10	-
13938	5	-
13939	3	Nil
13940	21	-
13941	19	-
13942	Nil	-
13943	Nil	-
13944	Nil	-
13945	Nil	-
13946	Nil	-
13947	15	-
13948	207	201
13949	266	357
13950	50	-
13951	21	-
13952	Nil	-
13953	Nil	-
13954	Nil	-
13955	Nil	-
13956	Nil	-
13957	Nil	-

Certified by Denis Charbonneau

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3W-0258-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-03-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
13958	Nil	-
13959	3	14
13960	Nil	-
13961	3	-
13962	Nil	-
13963	7	-
13964	12	-
13965	39	-
13966	3	-
13967	Nil	-
13968	10	-
13969	46	-
13970	75	94
13971	33	-
13972	Nil	-
13973	38	-
13974	2	-
13975	Nil	-
13976	24	-
13977	26	-
13978	530	451
13979	98	-
13980	15	-
13981	5	-
13982	14	-
13983	5	-
13984	3	-
13985	22	-
13986	29	-
13987	2	-

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3W-0258-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-03-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
13988	7	-
13989	21	-
13990	12	-
13991	79	-
13992	46	-
13993	75	-
13994	82	70
13995	21	-
13996	72	-
13997	Nil	-
13998	Nil	-
13999	Nil	-
14000	Nil	-
14001	7	-
14002	10	-
14003	3	-
14004	7	-
14005	2	-
14006	Nil	-
14007	9	-
14008	3	-
14009	Nil	-
14010	3	-
14011	22	-
14012	10	-

Certified by Denis Chartier

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3W-0259-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14013	7	-
14014	22	27
14015	2	-
14016	Nil	-
14017	21	-
14018	27	-
14019	5	-
14020	Nil	-
14021	10	-
14022	5	-
14023	Nil	-
14024	Nil	-
14025	15	-
14026	7	-
14027	19	-
14028	3	-
14029	22	-
14030	22	-
14031	26	-
14032	17	-
14033	5	-
14034	41	38
14035	27	-
14036	9	-
14037	21	-
14038	22	-
14039	22	-
14040	33	-
14041	17	-
14042	98	72

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3W-0259-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14043	22	-
14044	Nil	-
14045	10	-
14046	36	-
14047	69	70
14048	57	-
14049	58	-
14050	51	-
14051	Nil	-
14052	41	-
14053	82	-
14054	62	-
14055	50	57
14056	134	-
14057	Nil	-
14058	65	-
14059	291	255
14060	63	-
14061	31	-
14062	41	-
14063	17	-
14064	22	-
14065	29	-

Certified by Denis Christie

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3W-0260-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14066	58	-
14067	Nil	-
14068	45	36
14069	9	-
14070	3	-
14071	17	-
14072	48	-
14073	21	-
14074	74	-
14075	Nil	-
14076	29	-
14077	3	-
14078	5	-
14079	27	-
14080	53	63
14081	69	-
14082	5	-
14083	182	170
14084	115	-
14085	158	-
14086	86	-
14087	2	-
14088	81	-
14089	3	-
14090	33	-
14091	5	-
14092	22	-
14093	17	-
14094	7	-
14095	7	-

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3W-0260-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14096	Nil	-
14097	Nil	5
14098	Nil	-
14099	Nil	-
14100	Nil	-
14101	10	-

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3W-0261-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T.Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 32 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14102	9	-
14103	24	-
14104	17	-
14105	22	-
14106	17	-
14107	15	-
14108	10	-
14109	3	-
14110	62	72
14111	9	-
14112	15	-
14113	Nil	-
14114	Nil	-
14115	Nil	-
14116	Nil	-
14117	5	-
14118	14	-
14119	22	-
14120	19	-
14121	43	-
14122	127	183
14123	96	-
14124	21	-
14125	33	-
14126	27	-
14127	33	-
14128	45	-
14129	285	240
14130	3	-
14131	48	-

Certified by Denis Chartrand

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3W-0261-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T.Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 32 Core samples submitted JAN-27-03 by .

Sample Number	Au PPB	Au Check PPB
14132	27	-
14133	9	5

Certified by Denis Chamberlain

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3W-0310-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted FEB-02-03 by .

Sample Number	Au PPB	Au Check PPB
14134	9	14
14135	21	-
14136	2	-
14137	Nil	-
14138	Nil	-
14139	Nil	-
14140	9	-
14141	2	-
14142	Nil	-
14143	33	19
14144	Nil	-
14145	3	-
14146	7	-
14147	Nil	-
14148	Nil	-
14149	Nil	-
14150	Nil	-
14151	2	-
14152	5	10
14153	Nil	-
14154	Nil	-
14155	Nil	-
14156	10	-
14157	Nil	-
14158	Nil	-
14159	Nil	-
14160	Nil	-
14161	10	-
14162	Nil	-
14163	Nil	-

Certified by Denis Chamberland

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3W-0310-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-05-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted FEB-02-03 by .

Sample Number	Au PPB	Au Check PPB
14164	19	17
14165	Nil	-
14166	9	-
14167	Nil	-
14168	Nil	-
14169	5	-
14170	24	-
14171	5	-
14172	Nil	-
14173	10	-
14174	2	-
14175	15	19
14176	Nil	-
14177	Nil	-
14178	17	-
14179	3	-
14180	5	-
14181	Nil	-
14182	Nil	-
14183	Nil	-
14184	Nil	Nil
14185	5	-
14186	2	-
14187	5	-
14188	Nil	-

Certified by Denis Christy

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3W-0311-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-07-03

We hereby certify the following Geochemical Analysis of 49 Core samples submitted FEB-02-03 by .

Sample Number	Au PPB	Au Check PPB
14189	17	-
14190	19	-
14191	14	-
14192	3	-
14193	Nil	-
14194	31	17
14195	12	-
14196	5	-
14197	Nil	-
14198	10	-
14199	17	-
14200	24	-
14201	Nil	-
14202	Nil	-
14203	21	-
14204	12	-
14205	9	-
14206	7	-
14207	Nil	-
14208	Nil	-
14209	7	-
14210	65	72
14211	Nil	-
14212	Nil	-
14213	Nil	-
14214	12	-
14215	Nil	-
14216	24	-
14217	Nil	-
14218	3	-

Certified by Denis Obradovich

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3W-0311-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-07-03

We hereby certify the following Geochemical Analysis of 49 Core samples submitted FEB-02-03 by .

Sample Number	Au PPB	Au Check PPB
14219	9	-
14220	Nil	-
14221	2	-
14222	3	-
14223	3	-
14224	12	12
14225	2	-
14226	3	-
14227	5	-
14228	2	-
14229	7	-
14230	5	-
14231	Nil	-
14232	27	26
14233	5	-
14234	Nil	-
14235	Nil	-
14236	Nil	-
14237	Nil	-

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3W-0352-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted FEB-05-03 by .

Sample Number	Au PPB	Au Check PPB
14238	Nil	-
14239	Nil	-
14240	7	-
14241	3	-
14242	2	-
14243	Nil	-
14244	245	-
14245	255	278
14246	137	-
14247	69	-
14248	254	-
14249	57	-
14250	79	86
14251	86	-
14252	17	-
14253	3	-
14254	5	-
14255	96	-
14256	21	-
14257	79	-
14258	2	-
14259	10	-
14260	72	51
14261	3	-
14262	9	-
14263	3	-
14264	2	-
14265	10	-
14266	Nil	-
14267	79	-

Certified by Denis Chartrand

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3W-0352-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted FEB-05-03 by .

Sample Number	Au PPB	Au Check PPB
14268	3	-
14269	Nil	-
14270	5	-
14271	14	5
14272	3	-
14273	2	-
14274	Nil	-
14275	Nil	-
14276	Nil	-
14277	Nil	-
14278	2	-
14279	2	2
14280	Nil	-
14281	Nil	-
14282	Nil	-
14283	2	-
14284	3	-
14285	Nil	-
14286	Nil	-
14287	3	-
14288	5	-
14289	Nil	-
14290	2	-
14291	2	Nil
14292	7	-

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3W-0353-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-10-03

We hereby certify the following Geochemical Analysis of 39 Core samples submitted FEB-05-03 by .

Sample Number	Au PPB	Au Check PPB
14293	Nil	-
14294	3	2
14295	Nil	-
14296	Nil	-
14297	Nil	-
14298	Nil	-
14299	Nil	-
14300	7	-
14301	Nil	-
14302	Nil	-
14303	Nil	-
14304	Nil	-
14305	Nil	-
14306	3	-
14307	3	-
14308	Nil	-
14309	Nil	-
14310	Nil	Nil
14311	Nil	-
14312	Nil	-
14313	Nil	-
14314	Nil	-
14315	Nil	-
14316	Nil	-
14317	Nil	-
14318	2	-
14319	Nil	-
14320	Nil	-
14321	Nil	-
14322	Nil	-

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3W-0353-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-10-03

We hereby certify the following Geochemical Analysis of 39 Core samples submitted FEB-05-03 by .

Sample Number	Au PPB	Au Check PPB
14323	Nil	-
14324	Nil	Nil
14325	Nil	-
14326	Nil	-
14327	Nil	-
14328	9	-
14329	3	-
14330	7	-
14331	10	-

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3W-0389-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 35 Core samples submitted FEB-07-03 by .

Sample Number	Au PPB	Au Check PPB
14332	Nil	-
14333	14	-
14334	Nil	-
14335	Nil	-
14336	Nil	-
14337	2	Nil
14338	5	-
14339	Nil	-
14340	Nil	-
14341	Nil	-
14342	Nil	-
14343	Nil	-
14344	Nil	-
14345	2	-
14346	Nil	-
14347	Nil	2
14348	Nil	-
14349	Nil	-
14350	Nil	-
14351	Nil	-
14352	Nil	-
14353	Nil	-
14354	Nil	-
14355	Nil	-
14356	2	3
14357	Nil	-
14358	Nil	-
14359	2	-
14360	Nil	-
14361	Nil	-

Certified by Denis Chantry

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3W-0389-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 35 Core samples submitted FEB-07-03 by .

Sample Number	Au PPB	Au Check PPB
14362	Nil	-
14363	2	-
14364	3	-
14365	Nil	-
14366	Nil	-

Certified by Denis Chantry

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3W-0390-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 38 Core samples submitted FEB-07-03 by .

Sample Number	Au PPB	Au Check PPB
14367	7	-
14368	3	-
14369	3	-
14370	3	-
14371	2	-
14372	12	-
14373	2	3
14374	2	-
14375	5	-
14376	3	-
14377	Nil	-
14378	7	-
14379	Nil	-
14380	2	-
14381	3	-
14382	10	9
14383	Nil	-
14384	Nil	-
14385	3	-
14386	Nil	-
14387	Nil	-
14388	Nil	-
14389	Nil	-
14390	2	-
14391	3	-
14392	Nil	-
14393	5	-
14394	3	-
14395	5	-
14396	3	-

Certified by Denis Chartier

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3W-0390-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 38 Core samples submitted FEB-07-03 by .

Sample Number	Au PPB	Au Check PPB
14397	5	-
14398	2	-
14399	3	-
14400	24	33
14401	3	-
14402	7	-
14403	2	-
14404	3	-

Certified by Denis Charette

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3W-0400-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-13-03

We hereby certify the following Geochemical Analysis of 28 Core samples submitted FEB-10-03 by .

Sample Number	Au PPB	Au Check PPB
14405	3	7
14406	14	-
14407	Nil	-
14408	3	-
14409	Nil	-
14410	3	-
14411	2	-
14412	12	-
14413	9	-
14414	17	-
14415	7	-
14416	22	-
14417	27	12
14418	5	-
14419	Nil	-
14420	Nil	-
14421	Nil	-
14422	Nil	-
14423	Nil	-
14424	14	-
14425	2	-
14426	7	21
14427	9	-
14428	3	-
14429	3	-
14430	2	-
14431	3	-
14432	Nil	-

Certified by Denis Chartrand

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3W-0474-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-20-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted FEB-13-03 by .

Sample Number	Au PPB	Au Check PPB
14433	3	-
14434	10	5
14435	Nil	-
14436	Nil	-
14437	Nil	-
14438	17	-
14439	Nil	-
14440	Nil	-
14441	Nil	-
14442	5	-
14443	10	-
14444	149	79
14445	10	-
14446	Nil	-
14447	Nil	-
14448	5	-
14449	15	-
14450	Nil	-
14451	19	-
14452	31	-
14453	62	98
14454	5	-
14455	10	-
14456	15	-
14457	Nil	-
14458	Nil	-
14459	Nil	-
14460	Nil	-
14461	Nil	-
14462	Nil	-

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3W-0474-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-20-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted FEB-13-03 by .

Sample Number	Au PPB	Au Check PPB
14463	5	-
14464	17	-
14465	5	-
14466	3	-
14467	Nil	-
14468	39	74
14469	5	-
14470	21	-
14471	Nil	-
14472	Nil	-
14473	10	-
14474	12	-
14475	33	-
14476	Nil	-
14477	Nil	-
14478	Nil	-
14479	15	-
14480	Nil	-
14481	Nil	-
14482	Nil	-
14483	17	17
14484	14	-
14485	Nil	-
14486	Nil	-

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3W-0477-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: FEB-20-03

We hereby certify the following Geochemical Analysis of 29 Core samples submitted FEB-14-03 by .

Sample Number	Au PPB	Au Check PPB
14487	14	-
14488	Nil	-
14489	Nil	-
14490	Nil	-
14491	Nil	-
14492	33	34
14493	Nil	-
14494	24	-
14495	22	-
14496	Nil	-
14497	Nil	-
14498	2	-
14499	27	31
14500	14	-
20001	2	-
20002	9	-
20003	Nil	-
20004	7	-
20005	Nil	-
20006	Nil	-
20007	7	7
20008	Nil	-
20009	10	-
20010	9	-
20011	9	-
20012	2	-
20013	Nil	-
20014	14	-
20015	10	-

Certified by Denis Thanton

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3W-0768-RG1

Company: **YOUNG DAVIDSON MINES LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-17-03

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20016	57	60
20017	12	-
20018	3	-
20019	Nil	-
20020	Nil	-
20021	Nil	-
20022	3	-
20023	14	-
20024	Nil	-
20025	Nil	-
20026	15	5
20027	2	-
20028	Nil	-
20029	Nil	-
20030	Nil	-
20031	14	-
20032	7	-
20033	Nil	-
20034	21	-
20035	3	-
20036	14	-
20037	5	-
20038	10	-
20039	3	-
20040	5	-
20041	2	-
20042	17	-
20043	19	-
20044	15	9
20045	5	-

Certified by Denis Chartier

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3W-0768-RG1

Company: **YOUNG DAVIDSON MINES LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-17-03

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20046	10	-
20047	17	-
20048	34	-
20049	27	-
20050	22	-
20051	14	-
20052	5	-
20053	12	-
20054	Nil	-
20055	7	-
20056	12	-
20057	2	-
20058	3	-
20059	Nil	-
20060	Nil	-
20061	3	12
20062	10	-
20063	Nil	-
20064	7	-
20065	9	-
20066	2	-
20067	5	-
20068	3	-
20069	Nil	-
20070	45	39
20071	14	-
20072	21	-
20073	Nil	-
20074	Nil	-
20075	Nil	-

Certified by Denis Chamberlain

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3W-0768-RG1

Company: **YOUNG DAVIDSON MINES LTD** Date: MAR-17-03
Project: YD Matachewan
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20076	3	-
20077	5	-
20078	3	-
20079	7	-
20080	5	-
20081	3	-
20082	7	-
20083	9	-

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3W-0769-RG1

Company: **YOUNG DAVIDSON MINES LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-13-03

We hereby certify the following Geochemical Analysis of 23 Core samples submitted MAR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20084	5	-
20085	15	-
20086	5	-
20087	Nil	3
20088	Nil	-
20089	Nil	-
20090	5	-
20091	3	-
20092	Nil	-
20093	Nil	-
20094	Nil	-
20095	Nil	Nil
20096	Nil	-
20097	9	-
20098	Nil	-
20099	Nil	-
20100	Nil	-
20101	Nil	-
20102	Nil	-
20103	5	-
20104	Nil	-
20105	Nil	-
20106	Nil	-

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3W-0778-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-17-03

We hereby certify the following Geochemical Analysis of 41 Core samples submitted MAR-10-03 by .

Sample Number	Au PPB	Au Check PPB
20107	51	58
20108	7	-
20109	10	-
20110	7	-
20111	51	-
20112	17	-
20113	14	15
20114	Nil	-
20115	Nil	-
20116	10	-
20117	24	22
20118	2	-
20119	Nil	-
20120	Nil	-
20121	Nil	-
20122	Nil	-
20123	17	12
20124	2	-
20125	Nil	-
20126	Nil	-
20127	Nil	-
20128	Nil	-
20129	Nil	-
20130	3	-
20131	5	-
20132	Nil	-
20133	Nil	-
20134	Nil	-
20135	Nil	-
20136	Nil	-

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3W-0778-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-17-03

We hereby certify the following Geochemical Analysis of 41 Core samples submitted MAR-10-03 by .

Sample Number	Au PPB	Au Check PPB
20137	Nil	-
20138	5	-
20139	5	-
20140	Nil	-
20141	Nil	-
20142	Nil	-
20143	Nil	-
20144	2	-
20145	Nil	-
20146	Nil	-
20147	Nil	-

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3W-0850-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-17-03

We hereby certify the following Geochemical Analysis of 4 Core samples submitted MAR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20160	795	789	-
20161	4077	-	0.116
20162	456	-	-
20163	63	-	-

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3W-0867-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-24-03

We hereby certify the following Geochemical Analysis of 39 Core samples submitted MAR-14-03 by .

Sample Number	Au PPB	Au Check PPB
20148	5	15
20149	7	-
20150	5	-
20151	5	-
20152	7	-
20153	3	-
20154	3	-
20155	10	-
20156	10	-
20157	15	12
20158	2	-
20159	3	-
20164	3	-
20165	10	-
20166	17	-
20167	3	-
20168	Nil	-
20169	2	-
20170	Nil	-
20171	Nil	-
20172	5	-
20173	10	-
20174	12	-
20175	9	-
20176	7	Nil
20177	15	-
20178	14	-
20179	3	-
20180	3	-
20181	2	-

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3W-0867-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-24-03

We hereby certify the following Geochemical Analysis of 39 Core samples submitted MAR-14-03 by .

Sample Number	Au PPB	Au Check PPB
20182	2	5
20183	Nil	-
20184	Nil	-
20185	3	-
20186	Nil	-
20187	2	-
20188	2	-
20189	2	-
20190	Nil	-

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3W-0888-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-24-03

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-17-03 by .

Sample Number	Au PPB	Au Check PPB
20191	7	-
20192	7	14
20193	72	-
20194	2	-
20195	Nil	-
20196	3	-
20197	10	-
20198	45	-
20199	77	105
20200	81	-
20201	247	225
20202	132	-
20203	31	-
20204	69	-
20205	135	-
20206	Nil	-
20207	15	-
20208	21	-
20209	17	-
20210	54	-
20211	21	-
20212	15	-
20213	19	-
20214	57	94
20215	21	-
20216	24	15
20217	14	-
20218	17	-
20219	9	-
20220	7	-

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3W-0888-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-24-03

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-17-03 by .

Sample Number	Au PPB	Au Check PPB
20221	22	-
20222	3	-
20223	7	-
20224	2	-
20225	33	-
20226	46	46
20227	29	-
20228	19	-
20229	14	-
20230	Nil	-
20231	12	-
20232	27	-
20233	3	-
20234	3	-
20235	10	-
20236	7	-
20237	Nil	-
20238	2	-
20239	2	-
20240	Nil	-
20241	Nil	-
20242	Nil	-
20243	29	-
20244	77	-
20245	55	-
20246	101	70
20247	24	-
20248	24	-
20249	10	-
20250	36	-

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3W-0888-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-24-03

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAR-17-03 by .

Sample Number	Au PPB	Au Check PPB
20251	48	-
20252	29	-
20253	12	-
20254	2	-
20255	5	-
20256	17	-
20257	14	-
20258	2	-

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3W-0941-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-27-03

We hereby certify the following Geochemical Analysis of 52 Core samples submitted MAR-20-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
20259	118	117	-	-
20260	72	-	-	-
20261	201	-	-	-
20262	78618	-	2.633	2.218
20263	423	-	-	-
20264	211	-	-	-
20265	46	-	-	-
20266	132	-	-	-
20267	363	-	-	-
20268	Nil	-	-	-
20269	15	-	-	-
20270	81	-	-	-
20271	7	-	-	-
20272	31	-	-	-
20273	17	-	-	-
20274	2	-	-	-
20275	12	-	-	-
20276	9	5	-	-
20277	Nil	-	-	-
20278	3	-	-	-
20279	3	-	-	-
20280	2	-	-	-
20281	Nil	-	-	-
20282	2	-	-	-
20283	15	-	-	-
20284	2	-	-	-
20285	2	-	-	-
20286	2	3	-	-
20287	Nil	-	-	-
20288	3	-	-	-

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3W-0941-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-27-03

We hereby certify the following Geochemical Analysis of 52 Core samples submitted MAR-20-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
20289	Nil	-	-	-
20290	Nil	-	-	-
20291	2	-	-	-
20292	Nil	-	-	-
20293	Nil	-	-	-
20294	2	-	-	-
20295	Nil	Nil	-	-
20296	Nil	-	-	-
20297	2	-	-	-
20298	Nil	-	-	-
20299	Nil	-	-	-
20300	Nil	-	-	-
20301	2	-	-	-
20302	Nil	-	-	-
20303	Nil	-	-	-
20304	Nil	-	-	-
20305	Nil	-	-	-
20306	10	-	-	-
20307	Nil	2	-	-
20308	5	-	-	-
20309	5	-	-	-
20310	5	-	-	-

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3W-0942-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-27-03

We hereby certify the following Geochemical Analysis of 29 Core samples submitted MAR-20-03 by .

Sample Number	Au PPB	Au Check PPB
20311	10	-
20312	255	254
20313	7	-
20314	7	-
20315	5	-
20316	70	-
20317	9	-
20318	2	-
20319	5	-
20320	Nil	-
20321	2	-
20322	7	-
20323	12	10
20324	Nil	-
20325	Nil	-
20326	Nil	-
20327	3	-
20328	Nil	-
20329	2	-
20330	Nil	-
20331	2	-
20332	Nil	Nil
20333	2	-
20334	Nil	-
20335	3	-
20336	9	-
20337	10	-
20338	12	-
20339	7	-

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3W-0972-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-25-03

We hereby certify the following Geochemical Analysis of 6 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check oz/ton
20429	13989	0.430
20430	387432	10.286
20431	7954	0.240
20465	1646	-
20466	18377	0.482
20467	69	-

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3W-0982-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20340	158	110	-
20341	134	-	-
20342	2	-	-
20343	17	-	-
20344	45	-	-
20345	Nil	-	-
20346	Nil	-	-
20347	Nil	-	-
20348	15	24	-
20349	Nil	-	-
20350	Nil	-	-
20351	Nil	-	-
20352	Nil	-	-
20353	341	-	-
20354	381	-	-
20355	285	-	-
20356	82	-	-
20357	9	-	-
20358	10	-	-
20359	7097	-	0.205
20360	125	-	-
20361	39	39	-
20362	22	-	-
20363	Nil	-	-
20364	17	-	-
20365	Nil	-	-
20366	Nil	-	-
20367	Nil	-	-
20368	Nil	-	-
20369	Nil	-	-

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Geochemical Analysis Certificate

3W-0982-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20370	10	14	-
20371	Nil	-	-
20372	9	-	-
20373	34	-	-
20374	9	-	-
20375	5	-	-
20376	9	-	-
20377	3	-	-
20378	15	-	-
20379	3	-	-
20380	10	-	-
20381	5	3	-
20382	Nil	-	-
20383	Nil	-	-
20384	Nil	-	-
20385	Nil	-	-
20386	Nil	-	-
20387	Nil	-	-
20388	9	-	-
20389	10	-	-
20390	5	-	-
20391	3	-	-
20392	21	26	-
20393	12	-	-

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3W-0983-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 72 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20394	9	7	-
20395	21	-	-
20396	22	-	-
20397	17	-	-
20398	17	-	-
20399	29	-	-
20400	5	-	-
20401	2	-	-
20402	Nil	-	-
20403	Nil	-	-
20404	Nil	-	-
20405	24	-	-
20406	43	38	-
20407	9	-	-
20408	3	-	-
20409	Nil	-	-
20410	Nil	-	-
20411	10	-	-
20412	15	-	-
20413	67	-	-
20414	12	-	-
20415	3	-	-
20416	22	-	-
20417	5	-	-
20418	14	-	-
20419	17	-	-
20420	7	-	-
20421	15	14	-
20422	Nil	-	-
20423	5	-	-

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3W-0983-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 72 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20424	2	-	-
20425	Nil	-	-
20426	Nil	-	-
20427	10	-	-
20428	15	-	-
20432	21	15	-
20433	2	-	-
20434	5	-	-
20435	Nil	-	-
20436	2	-	-
20437	3	-	-
20438	7	-	-
20439	3	-	-
20440	2	-	-
20441	10	-	-
20442	3	-	-
20443	Nil	-	-
20444	7	7	-
20445	Nil	-	-
20446	Nil	-	-
20447	5	-	-
20448	2	-	-
20449	3	-	-
20450	5	-	-
20451	Nil	-	-
20452	Nil	-	-
20453	Nil	-	-
20454	Nil	-	-
20455	Nil	-	-
20456	377	334	-

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3W-0983-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 72 Core samples submitted MAR-24-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20457	31	-	-
20458	2	-	-
20459	351	-	-
20460	8503	-	0.200
20461	326	-	-
20462	Nil	-	-
20463	9	-	-
20464	29	-	-
20468	9	-	-
20469	Nil	-	-
20470	41	-	-
20471	10	-	-

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3W-1032-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAR-28-03

We hereby certify the following Geochemical Analysis of 3 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check oz/ton
20602	4766	0.140
20603	5863	0.167
20604	79	-

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3W-1040-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-09-03

We hereby certify the following Geochemical Analysis of 70 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20472	7	-	-
20473	34	65	-
20474	5	-	-
20475	36	-	-
20476	21	-	-
20477	9	-	-
20478	24	-	-
20479	26	-	-
20480	3	-	-
20481	Nil	-	-
20482	27	-	-
20483	Nil	-	-
20484	10	-	-
20485	55	-	-
20486	17	-	-
20487	309	293	-
20488	21	-	-
20489	22	-	-
20490	38	-	-
20491	31	-	-
20492	226	-	-
20493	60	-	-
20494	Nil	-	-
20495	129	-	-
20496	99	-	-
20497	175	-	-
20498	171	-	-
20499	36	-	-
20500	86	-	-
20501	194	177	-

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3W-1040-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-09-03

We hereby certify the following Geochemical Analysis of 70 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20502	1920	-	0.051
20503	1359	-	0.039
20504	1714	-	0.046
20505	2194	-	0.071
20506	2297	-	0.061
20507	1611	-	0.050
20508	456	-	-
20509	826	862	-
20510	151	-	-
20511	487	-	-
20512	142	-	-
20513	720	-	-
20514	1680	-	0.052
20515	895	-	-
20516	406	-	-
20517	26	-	-
20518	12	-	-
20519	19	-	-
20520	2	-	-
20521	415	-	-
20522	Nil	-	-
20523	27	-	-
20524	134	-	-
20525	9	-	-
20526	9	-	-
20527	45	-	-
20528	24	-	-
20529	3	-	-
20530	27	-	-
20531	189	137	-

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3W-1040-RG1

Company: **YOUNG DAVIDSON MINES**
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Attn: T. Obradovich

Date: APR-09-03

We hereby certify the following Geochemical Analysis of 70 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20532	9	-	-
20533	82	-	-
20534	31	-	-
20535	93	-	-
20536	51	-	-
20537	63	-	-
20538	91	-	-
20539	70	-	-
20540	69	-	-
20541	81	82	-

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3W-1041-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20542	117	-	-
20543	173	142	-
20544	67	-	-
20545	5	-	-
20546	21	-	-
20547	62	-	-
20548	17	-	-
20549	24	-	-
20550	87	-	-
20551	12	-	-
20552	17	-	-
20553	26	-	-
20554	312	367	-
20555	36	-	-
20556	51	-	-
20557	10	-	-
20558	55	-	-
20559	33	-	-
20560	22	-	-
20561	19	-	-
20562	33	-	-
20563	31	-	-
20564	21	-	-
20565	170	-	-
20566	26	-	-
20567	86	-	-
20568	89	101	-
20569	84	-	-
20570	29	-	-
20571	70	-	-

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3W-1041-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20572	65	-	-
20573	34	31	-
20574	67	-	-
20575	57	-	-
20576	93	-	-
20577	36	-	-
20578	41	-	-
20579	151	-	-
20580	45	-	-
20581	50	-	-
20582	89	-	-
20583	2	-	-
20584	Nil	-	-
20585	151	-	-
20586	22	-	-
20587	21	-	-
20588	65	-	-
20589	15	-	-
20590	14	-	-
20591	113	-	-
20592	5	-	-
20593	48	-	-
20594	2230	-	0.065

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3W-1042-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-04-03

We hereby certify the following Geochemical Analysis of 28 Core samples submitted MAR-27-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz
20595	17	-	-
20596	10	-	-
20597	33	-	-
20598	2	-	-
20599	31	-	-
20600	5897	-	0.166
20601	122	-	-
20605	21	-	-
20606	10	-	-
20607	3	-	-
20608	12	-	-
20609	132	-	-
20610	5	-	-
20611	nil	-	-
20612	178	-	-
20613	7	-	-
20614	nil	-	-
20615	nil	-	-
20616	5	-	-
20617	nil	-	-
20618	nil	-	-
20619	nil	-	-
20620	22	-	-
20621	617	530	-
20622	7	-	-
20623	nil	-	-
20624	nil	-	-
20625	3	-	-

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3W-1063-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted MAR-30-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20626	19	-	-
20627	7	10	-
20628	14	-	-
20629	10	-	-
20630	5	-	-
20631	3	-	-
20632	Nil	-	-
20633	Nil	-	-
20634	Nil	-	-
20635	Nil	-	-
20636	Nil	-	-
20637	Nil	-	-
20638	Nil	5	-
20639	5	-	-
20640	9	-	-
20641	Nil	-	-
20642	Nil	-	-
20643	Nil	-	-
20644	10	-	-
20645	12	-	-
20646	5	-	-
20647	10	-	-
20648	2	-	-
20649	14	-	-
20650	5	-	-
20651	9	-	-
20652	12	12	-
20653	3	-	-
20654	Nil	-	-
20655	Nil	-	-

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3W-1063-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 53 Core samples submitted MAR-30-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20656	9	3	-
20657	10	-	-
20658	7	-	-
20659	17	-	-
20660	3	-	-
20661	Nil	-	-
20662	Nil	-	-
20663	Nil	-	-
20664	Nil	-	-
20665	178	-	-
20666	5211	-	0.120
20667	2844	-	0.077
20668	62	-	-
20669	38	-	-
20670	487	-	-
20671	10	-	-
20672	19	-	-
20673	Nil	-	-
20674	10	-	-
20675	17	-	-
20676	75	-	-
20677	5	-	-
20678	3	-	-

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3W-1064-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 32 Core samples submitted MAR-30-03 by .

Sample Number	Au PPB	Au Check PPB
20679	Nil	-
20680	Nil	-
20681	Nil	-
20682	Nil	-
20683	14	14
20684	10	-
20685	2	-
20686	Nil	-
20687	3	-
20688	Nil	-
20689	2	-
20690	24	-
20691	Nil	-
20692	2	-
20693	Nil	-
20694	3	-
20695	Nil	-
20696	Nil	-
20697	Nil	-
20698	Nil	-
20699	Nil	-
20700	21	21
20701	3	-
20702	Nil	-
20703	2	-
20704	Nil	-
20705	5	-
20706	3	-
20707	103	86
20708	99	-

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3W-1064-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-07-03

We hereby certify the following Geochemical Analysis of 32 Core samples submitted MAR-30-03 by .

Sample Number	Au PPB	Au Check PPB
20709	137	-
20710	86	96

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3W-1099-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-02-03

We hereby certify the following Geochemical Analysis of 6 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
20750	2846	-	0.083	-
20751	4971	5280	0.145	0.154
20752	4594	-	0.134	-
20753	5657	-	0.165	-
20754	2366	-	0.069	-
20755	12514	11932	0.365	0.348

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3W-1103-RG1

Company: **YOUNG DAVIDSON MINES**
Project: TD Matachewan
Attn: T. Obradovich

Date: APR-10-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20711	149	111	-
20712	5	-	-
20713	Nil	-	-
20714	Nil	-	-
20715	10	-	-
20716	Nil	-	-
20717	14	21	-
20718	17	-	-
20719	5	-	-
20720	17	-	-
20721	5	-	-
20722	10	-	-
20723	3	-	-
20724	Nil	-	-
20725	Nil	-	-
20726	Nil	-	-
20727	300	-	-
20728	15	-	-
20729	Nil	-	-
20730	1611	-	0.047
20731	3	-	-
20732	Nil	-	-
20733	Nil	-	-
20734	5	-	-
20735	27	-	-
20736	33	-	-
20737	415	459	-
20738	5	-	-
20739	24	-	-
20740	Nil	-	-

Certified by Denis Chamberland

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Geochemical Analysis Certificate

3W-1103-RG1

Company: **YOUNG DAVIDSON MINES**
Project: TD Matachewan
Attn: T. Obradovich

Date: APR-10-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20741	19	-	-
20742	62	-	-
20743	794	-	-
20744	96	-	-
20745	1416	-	0.040
20746	41	-	-
20747	1063	-	0.035
20748	117	-	-
20749	2354	-	0.064
20756	638	-	-
20757	19	-	-
20758	27	-	-
20759	18	-	-
20760	5	-	-
20761	48	-	-
20762	21	-	-
20763	10	-	-
20764	3	-	-
20765	12	-	-
20766	2	-	-
20767	Nil	-	-
20768	Nil	-	-
20769	Nil	-	-
20770	129	-	-
20771	3	-	-

Certified by Denis Chouteau

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3W-1104-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-11-03

We hereby certify the following Geochemical Analysis of 79 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20772	67	-	-
20773	27	-	-
20774	123	-	-
20775	22	-	-
20776	10	-	-
20777	Nil	-	-
20778	Nil	-	-
20779	931	-	-
20780	101	-	-
20781	3394	-	0.087
20782	219	-	-
20783	87	-	-
20784	17	-	-
20785	9	-	-
20786	5	-	-
20787	Nil	-	-
20788	Nil	-	-
20789	10	-	-
20790	22	-	-
20791	7	-	-
20792	Nil	-	-
20793	Nil	-	-
20794	Nil	-	-
20795	46	45	-
20796	5	-	-
20797	Nil	-	-
20798	Nil	-	-
20799	Nil	-	-
20800	Nil	-	-
20801	Nil	-	-

Certified by Denis Chartier

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3W-1104-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-11-03

We hereby certify the following Geochemical Analysis of 79 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20802	1440	-	0.042
20803	4423	-	0.118
20804	1474	-	0.049
20805	1440	-	0.050
20806	2846	-	0.090
20807	1798	-	0.050
20808	39	-	-
20809	5	-	-
20810	202	-	-
20811	5	-	-
20812	Nil	-	-
20813	17	-	-
20814	3	-	-
20815	9	-	-
20816	27	34	-
20817	9	-	-
20818	Nil	-	-
20819	Nil	-	-
20820	Nil	-	-
20821	Nil	-	-
20822	Nil	-	-
20823	Nil	-	-
20824	Nil	-	-
20825	Nil	-	-
20826	Nil	-	-
20827	5	-	-
20828	Nil	-	-
20829	Nil	-	-
20830	Nil	-	-
20831	Nil	-	-

Certified by Denis Chartrand

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Geochemical Analysis Certificate

3W-1104-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-11-03

We hereby certify the following Geochemical Analysis of 79 Core samples submitted APR-01-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
20832	9	-	-
20833	14	-	-
20834	3	-	-
20835	Nil	-	-
20836	Nil	-	-
20837	57	-	-
20838	132	171	-
20839	Nil	-	-
20840	24	15	-
20841	Nil	-	-
20842	65	-	-
20843	7	-	-
20844	15	-	-
20845	Nil	-	-
20846	Nil	-	-
20847	17	-	-
20848	22	-	-
20849	3	-	-
20850	51	-	-

Certified by Denis Chamberlain

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Geochemical Analysis Certificate

3W-1164-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-08-03

We hereby certify the following Geochemical Analysis of 7 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check oz/ton
20981	1714	-
20982	4697	-
20983	17897	0.505
20984	1577	-
20985	6206	-
20986	13029	-
20987	1920	0.057

Certified by

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3W-1292-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-24-03

We hereby certify the following Geochemical Analysis of 57 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36292	10	-	-
36293	Nil	-	-
36294	120	-	-
36295	Nil	-	-
36296	14	-	-
36297	14	-	-
36298	27	-	-
36299	182	137	-
36300	110	-	-
36301	70	-	-
36302	15	-	-
36303	12	-	-
36304	Nil	-	-
36305	45	-	-
36306	21	-	-
36307	26	-	-
36308	22	-	-
36309	17	-	-
36310	Nil	-	-
36311	111	-	-
36312	51	58	-
36313	19	-	-
36314	43	-	-
36315	177	-	-
36316	166	-	-
36317	29	-	-
36318	31	-	-

Certified by Denis Thomas

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3W-1293-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 38 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB
36319	46	-
36320	96	-
36321	46	-
36322	55	-
36323	63	-
36324	19	-
36325	106	132
36326	147	-
36327	86	-
36328	10	-
36329	53	-
36330	51	-
36331	15	-
36332	26	-
36333	3	-
36334	34	-
36335	10	-
36336	19	-
36337	147	-
36338	94	-
36339	99	96
36340	91	-
36341	50	-
36342	60	-
36343	24	-
36344	122	-
36345	101	-
36346	120	-
36347	81	-
36348	103	-

Certified by Denis Charbonneau

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3W-1293-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 38 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB
36349	202	266
36350	84	-
36351	182	-
36352	168	-
36353	93	-
36354	53	-
36355	45	-
36356	45	-

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3W-1294-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 37 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB
36357	106	98
36358	111	-
36359	51	-
36360	15	-
36361	29	-
36362	3	-
36363	91	-
36364	103	-
36365	81	-
36366	108	-
36367	237	350
36368	161	-
36369	159	-
36370	46	-
36371	69	-
36372	39	-
36373	27	-
36374	34	-
36375	75	-
36376	26	-
36377	72	-
36378	225	-
36379	823	811
36380	146	-
36381	87	-
36382	24	-
36383	94	-
36384	11	-
36385	175	-
36386	171	-

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3W-1294-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 37 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB
36387	123	-
36388	79	-
36389	279	276
36390	115	-
36391	74	-
36392	51	-
36393	125	-

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3W-1383-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36394	358	417
36395	194	-
36396	58	-
36397	Nil	-
36398	142	-
36399	127	-
36400	228	-
36401	173	-
36402	106	-
36403	111	-
36404	159	-
36405	230	-
36406	257	-
36407	454	435
36408	173	-
36409	367	-
36410	137	-
36411	105	-
36412	79	-
36413	122	-
36414	48	-
36415	Nil	-
36416	401	384
36417	60	-
36418	125	-
36419	209	-
36420	147	-
36421	105	-
36422	21	-
36423	51	-

Certified by Denis Thatcher

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3W-1383-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36424	110	-
36425	70	-
36426	737	864
36427	321	-
36428	55	-
36429	38	-
36430	111	-
36431	113	-
36432	135	-
36433	362	-
36434	14	-
36435	7	5
36436	Nil	-
36437	12	-
36438	Nil	-
36439	129	-
36440	216	-
36441	178	-
36442	369	-
36443	310	319
36444	411	-
36445	312	-
36446	477	-
36447	422	-
36448	310	-

Certified by Denis Chamberland

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3W-1384-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36449	322	-	-
36450	1325	-	-
36451	435	475	-
36452	627	-	-
36453	437	-	-
36454	190	-	-
36455	21	-	-
36456	101	-	-
36457	46	-	-
36458	43	-	-
36459	98	-	-
36460	650	-	-
36461	2165	-	0.062
36462	1078	-	0.038
36463	951	898	-
36464	1992	-	0.055
36465	1186	-	0.033
36466	1065	-	0.027
36467	1027	-	0.031
36468	629	-	-
36469	895	-	-
36470	1205	-	0.030
36471	965	-	-
36472	165	206	-
36473	79	-	-
36474	98	-	-
36475	Nil	Nil	-
36476	214	-	-
36477	641	-	-
36478	158	-	-

Certified by Denis Chartrand

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3W-1384-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36479	70	-	-
36480	108	-	-
36481	141	-	-
36482	87	-	-
36483	84	-	-
36484	Nil	-	-
36485	96	-	-
36486	660	-	-
36487	1262	-	0.032
36488	4114	-	0.129
36489	115	-	-
36490	442	-	-
36491	490	-	-
36492	153	-	-
36493	663	-	-
36494	415	-	-
36495	177	-	-
36496	667	-	-
36497	327	-	-
36498	737	-	-
36499	326	-	-
36500	470	-	-
36501	168	-	-
36502	110	-	-
36503	189	-	-
36504	235	-	-

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3W-1385-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36505	254	-	-
36506	1073	-	0.028
36507	449	-	-
36508	1078	-	0.033
36509	1097	-	0.022
36510	1020	-	0.031
36511	269	-	-
36512	351	-	-
36513	43	-	-
36514	79	-	-
36515	62	-	-
36516	429	-	-
36517	425	-	-
36518	254	-	-
36519	1810	-	0.045
36520	149	-	-
36521	87	-	-
36522	75	-	-
36523	14	-	-
36524	2	-	-
36525	31	-	-
36526	2	-	-
36527	31	-	-
36528	41	-	-
36529	2	-	-
36530	60	75	-
36531	2	-	-
36532	48	-	-
36533	65	-	-
36534	115	-	-

Certified by Denis Chartrand

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3W-1385-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36535	33	-	-
36536	72	-	-
36537	75	-	-
36538	Nil	-	-
36539	Nil	-	-
36540	21	-	-
36541	93	-	-
36542	86	69	-
36543	117	-	-
36544	156	-	-
36545	98	-	-
36546	48	-	-
36547	94	-	-
36548	62	-	-
36549	247	-	-
36550	123	-	-
36551	96	-	-
36552	67	-	-
36553	238	-	-
36554	117	-	-
36555	55	-	-
36556	75	77	-
36557	113	-	-
36558	82	-	-

Certified by Denis Chamberland

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3W-1386-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 57 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36559	79	-
36560	Nil	-
36561	94	-
36562	60	-
36563	43	-
36564	27	-
36565	33	-
36566	50	-
36567	938	975
36568	48	-
36569	60	-
36570	69	-
36571	21	-
36572	58	-
36573	60	-
36574	58	-
36575	22	-
36576	77	-
36577	Nil	-
36578	202	-
36579	33	24
36580	63	-
36581	62	-
36582	89	-
36583	48	-
36584	111	-
36585	171	209
36586	24	-
36587	166	-
36588	60	-

Certified by Denis Thomas

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3W-1386-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 57 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36589	10	-
36590	14	-
36591	19	-
36592	Nil	-
36593	Nil	-
36594	31	75
36595	50	-
36596	182	-
36597	55	-
36598	127	-
36599	45	-
36600	82	-
36601	53	-
36602	53	-
36603	86	-
36604	31	-
36605	26	-
36606	142	177
36607	26	-
36608	39	-
36609	36	-
36610	101	-
36611	81	-
36612	83	-
36613	17	-
36614	223	206
36615	120	-

Certified by Denis Chantre

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3W-1387-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 33 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36616	79	-
36617	110	-
36618	79	-
36619	91	79
36620	24	-
36621	96	-
36622	86	-
36623	134	-
36624	65	-
36625	180	-
36626	142	-
36627	326	-
36628	118	-
36629	175	177
36630	74	-
36631	111	-
36632	87	-
36633	67	-
36634	48	-
36635	Nil	-
36636	14	-
36637	Nil	-
36638	19	-
36639	27	-
36640	15	-
36641	39	41
36642	Nil	-
36643	33	-
36644	38	-
36645	21	-

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3W-1164-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-16-03

We hereby certify the following Geochemical Analysis of 7 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check oz/ton	Au Check oz/ton
20981	1714	-	-
20982	4697	-	-
20983	17897	0.505	0.470
20984	1577	0.047	-
20985	6206	0.131	-
20986	13029	0.360	-
20987	1920	0.057	-

Certified by Denis Chamberlain

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3W-1165-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-15-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20851	10	-
20852	Nil	-
20853	Nil	-
20854	5	-
20855	58	60
20856	Nil	-
20857	3	-
20858	166	-
20859	2	-
20860	2	-
20861	Nil	-
20862	34	-
20863	17	-
20864	2	7
20865	Nil	-
20866	5	-
20867	7	-
20868	2	-
20869	9	-
20870	10	-
20871	7	-
20872	3	-
20873	10	5
20874	Nil	-
20875	2	-
20876	Nil	-
20877	9	-
20878	10	-
20879	Nil	-
20880	480	480

Certified by Denis Thomas

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3W-1165-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-15-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20881	Nil	-
20882	7	-
20883	381	489
20884	2	-
20885	2	-
20886	3	-
20887	12	-
20888	2	-
20889	7	17
20890	Nil	-
20891	Nil	-
20892	3	-
20893	14	3
20894	2	-
20895	Nil	-
20896	117	-
20897	214	190
20898	113	-
20899	Nil	-
20900	14	-
20901	5	-
20902	3	-
20903	9	-
20904	5	-

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3W-1166-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-15-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
20905	3	-	-
20906	Nil	Nil	-
20907	Nil	-	-
20908	Nil	-	-
20909	Nil	-	-
20910	Nil	-	-
20911	Nil	-	-
20912	2	-	-
20913	Nil	-	-
20914	Nil	-	-
20915	Nil	-	-
20916	Nil	-	-
20917	14	-	-
20918	Nil	-	-
20919	Nil	-	-
20920	10	-	-
20921	Nil	-	-
20922	Nil	-	-
20923	Nil	-	-
20924	3	-	-
20925	Nil	-	-
20926	Nil	-	-
20927	17	-	-
20928	50	-	-
20929	Nil	-	-
20930	Nil	-	-
20931	Nil	-	-
20932	10971	-	0.302
20933	230	-	-
20934	13989	-	0.410

Certified by Denis Charette

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3W-1166-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-15-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
20935	Nil	-	-
20936	Nil	-	-
20937	Nil	-	-
20938	Nil	-	-
20939	Nil	-	-
20940	17	-	-
20941	Nil	-	-
20942	Nil	-	-
20943	Nil	-	-
20944	Nil	-	-
20945	Nil	-	-
20946	Nil	-	-
20947	Nil	-	-
20948	Nil	-	-
20949	Nil	-	-
20950	5	-	-
20951	14	-	-
20952	Nil	-	-
20953	Nil	-	-
20954	3	-	-
20955	2001	-	0.057
20956	144	-	-
20957	Nil	-	-
20958	Nil	-	-
20959	3411	-	0.090
20960	38	-	-

Certified by Denis Thauthe

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Geochemical Analysis Certificate

3W-1167-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachwan
Attn: T. Obradovich

Date: APR-17-03

We hereby certify the following Geochemical Analysis of 44 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20961	5	-
20962	10	-
20963	3	-
20964	9	-
20965	7	Nil
20966	Nil	-
20967	12	-
20968	7	-
20969	5	-
20970	14	-
20971	3	-
20972	5	-
20973	Nil	-
20974	Nil	-
20975	2	-
20976	3	-
20977	Nil	-
20978	2	-
20979	Nil	-
20980	22	-
20988	34	-
20989	31	-
20990	41	-
20991	171	230
20992	Nil	-
20993	Nil	-
20994	34	-
20995	5	-
20996	65	-
20997	9	-

Certified by Denis Chamberlain

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Geochemical Analysis Certificate

3W-1167-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachwan
Attn: T. Obradovich

Date: APR-17-03

We hereby certify the following Geochemical Analysis of 44 Core samples submitted APR-07-03 by .

Sample Number	Au PPB	Au Check PPB
20998	17	-
20999	2	-
21000	21	-
36001	10	Nil
36002	7	-
36003	Nil	-
36004	Nil	-
36005	5	-
36006	Nil	-
36007	2	-
36008	7	-
36009	Nil	-
36010	Nil	-
36011	9	-

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3W-1241-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-22-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-09-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36012	147	-	-
36013	36	-	-
36014	10	-	-
36015	Nil	-	-
36016	Nil	-	-
36017	Nil	-	-
36018	9	-	-
36019	240	171	-
36020	21	-	-
36021	Nil	-	-
36022	Nil	-	-
36023	Nil	-	-
36024	7	-	-
36025	3	-	-
36026	2	-	-
36027	5	-	-
36028	7	-	-
36029	2	-	-
36030	Nil	-	-
36031	12	-	-
36032	6	-	-
36033	9	-	-
36034	7	-	-
36035	1687	-	0.048
36036	39	-	-
36037	2057	-	0.066
36038	326	-	-
36039	5	7	-
36040	14	-	-
36041	7	-	-

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3W-1241-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-22-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-09-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36042	Nil	-	-
36043	Nil	-	-
36044	3566	-	0.096
36045	19	-	-
36046	14	-	-
36047	10	-	-
36048	9	-	-
36049	5	-	-
36050	Nil	-	-
36051	2949	-	0.090
36052	39	-	-
36053	2914	-	0.078
36054	185	-	-
36055	41	-	-
36056	87	-	-
36057	5	-	-
36058	2	-	-
36059	14	-	-
36060	17	-	-
36061	Nil	-	-
36062	Nil	-	-
36063	Nil	-	-
36064	Nil	-	-
36065	Nil	-	-

Certified by Denis Chartre

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3W-1242-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-22-03

We hereby certify the following Geochemical Analysis of 48 Core samples submitted APR-09-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36066	7	-	-
36067	139	-	-
36068	110	-	-
36069	3	3	-
36070	7	-	-
36071	3	-	-
36072	10	-	-
36073	3	-	-
36074	4389	-	0.120
36075	113	-	-
36076	48	-	-
36077	706	-	-
36078	Nil	-	-
36079	Nil	-	-
36080	41	-	-
36081	5	-	-
36082	14	-	-
36083	3	-	-
36084	17	-	-
36085	19	-	-
36086	7	-	-
36087	163	206	-
36088	69	-	-
36089	17	-	-
36090	5	-	-
36091	2	-	-
36092	103	-	-
36093	26	-	-
36094	175	-	-
36095	105	-	-

Certified by Denis Chartrand

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3W-1242-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-22-03

We hereby certify the following Geochemical Analysis of 48 Core samples submitted APR-09-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36096	1070	-	-
36097	1474	-	0.046
36098	710	-	-
36099	3086	-	0.088
36100	672	-	-
36101	723	-	-
36102	826	-	-
36103	831	-	-
36104	2844	-	0.075
36105	89	-	-
36106	545	-	-
36107	919	-	-
36108	82	-	-
36109	178	-	-
36110	1089	-	0.040
36111	516	-	-
36112	874	866	-
36113	290	-	-

Certified by Denis Chown

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3W-1243-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-16-03

We hereby certify the following Geochemical Analysis of 45 Core samples submitted **APR-09-03 by .**

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36114	77	-	-
36115	89	-	-
36116	63	-	-
36117	60	67	-
36118	79	-	-
36119	84	-	-
36120	233	-	-
36121	237	-	-
36122	153	-	-
36123	283	-	-
36124	173	-	-
36125	708	-	-
36126	62	-	-
36127	540	-	-
36128	243	-	-
36129	118	-	-
36130	360	-	-
36131	305	-	-
36132	1886	-	0.052
36133	2400	-	0.078
36134	802	-	-
36135	451	-	-
36136	855	-	-
36137	586	519	-
36138	91	-	-
36139	1140	-	0.035
36140	533	-	-
36141	487	-	-
36142	209	-	-
36143	171	-	-

Certified by Denis Chamberland

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3W-1243-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-16-03

We hereby certify the following Geochemical Analysis of 45 Core samples submitted APR-09-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36144	530	547	-
36145	279	-	-
36146	718	-	-
36147	742	-	-
36148	171	-	-
36149	3257	-	0.094
36150	183	-	-
36151	866	-	-
36152	610	-	-
36153	466	-	-
36154	1371	-	0.044
36155	348	-	-
36156	826	-	-
36157	658	-	-
36158	243	-	-

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3W-1290-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 53 CORE samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36159	444	-	-
36160	799	-	-
36161	994	-	-
36162	9326	-	0.252
36163	1749	-	0.065
36164	792	-	-
36165	4114	-	0.106
36166	417	-	-
36167	86	-	-
36168	98	-	-
36169	213	-	-
36170	417	-	-
36171	4423	-	0.140
36172	375	-	-
36173	211	-	-
36174	158	-	-
36175	1029	-	0.029
36176	309	-	-
36177	163	-	-
36178	237	-	-
36179	41	-	-
36180	69	-	-
36181	46	-	-
36182	99	-	-
36183	19	-	-
36184	14	-	-
36185	41	-	-
36186	75	-	-
36187	69	-	-
36188	98	-	-

Certified by Denis Chartrand

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3W-1290-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 53 CORE samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36189	213	-	-
36190	134	-	-
36191	36	-	-
36192	69	-	-
36193	63	-	-
36194	111	-	-
36195	103	-	-
36196	39	-	-
36197	120	-	-
36198	142	-	-
36199	22	-	-
36200	137	-	-
36201	41	-	-
36202	75	-	-
36203	29	-	-
36204	70	-	-
36205	29	-	-
36206	254	276	-
36207	62	-	-
36208	129	127	-
36209	226	-	-
36210	36	-	-
36211	293	-	-

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3W-1291-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 50 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36212	33	-	-
36213	41	-	-
36214	201	-	-
36215	381	-	-
36216	34	-	-
36217	134	-	-
36218	195	-	-
36219	27	-	-
36220	218	223	-
36221	439	-	-
36222	341	-	-
36223	195	-	-
36224	1143	-	0.034
36225	288	-	-
36226	597	-	-
36227	432	-	-
36228	554	-	-
36229	201	-	-
36230	254	-	-
36231	153	-	-
36232	1608	-	0.046
36233	766	-	-
36234	375	-	-
36235	2640	-	0.071
36236	94	-	-
36237	70	74	-
36238	24	-	-
36239	27	-	-
36240	31	-	-
36241	175	-	-

Certified by Denis Thomas

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Geochemical Analysis Certificate

3W-1291-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-23-03

We hereby certify the following Geochemical Analysis of 50 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36242	528	-	-
36243	1783	-	0.054
36244	310	-	-
36245	300	-	-
36246	123	130	-
36247	46	-	-
36248	125	-	-
36249	65	-	-
36250	39	-	-
36251	518	-	-
36252	36	-	-
36253	346	-	-
36254	233	-	-
36255	1109	-	0.031
36256	381	-	-
36257	434	-	-
36258	341	-	-
36259	209	-	-
36260	170	-	-
36261	329	-	-

Certified by Denis Thomas

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Geochemical Analysis Certificate

3W-1292-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: APR-24-03

We hereby certify the following Geochemical Analysis of 57 Core samples submitted APR-14-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
36262	3617	-	0.110
36263	794	861	-
36264	9189	-	0.278
36265	197	-	-
36266	57	-	-
36267	33	-	-
36268	10	-	-
36269	Nil	-	-
36270	2	-	-
36271	Nil	-	-
36272	Nil	Nil	-
36273	27	-	-
36274	9	-	-
36275	29	-	-
36276	118	-	-
36277	2	-	-
36278	Nil	-	-
36279	3	-	-
36280	Nil	-	-
36281	3	-	-
36282	3	-	-
36283	5	-	-
36284	Nil	-	-
36285	Nil	-	-
36286	12	-	-
36287	2	-	-
36288	12	-	-
36289	2	-	-
36290	33	-	-
36291	21	-	-

Certified by Denis Thanter

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3W-1387-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-01-03

We hereby certify the following Geochemical Analysis of 33 Core samples submitted APR-21-03 by .

Sample Number	Au PPB	Au Check PPB
36646	29	-
36647	46	-
36648	60	-

Certified by Denis Chamberlain

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3W-1451-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 59 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
36649	45	-	-
36650	60	-	-
36651	65	58	-
36652	19	-	-
36653	Nil	-	-
36654	57	-	-
36655	74	-	-
36656	69	-	-
36657	27	-	-
36658	15	-	-
36659	19	-	-
36660	26	-	-
36661	24	-	-
36662	Nil	-	-
36663	12	-	-
36664	Nil	-	-
36665	Nil	-	-
36666	118	123	-
36667	70	-	-
36668	5	-	-
36669	Nil	-	-
36670	41	-	-
36671	14	-	-
36672	5	-	-
36673	45	-	-
36674	5	-	-
36675	Nil	-	-
36676	Nil	-	-
36677	14	-	-
36678	31	-	-

Certified by Denis Chartrand

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3W-1451-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 59 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
36679	9	-	-
36680	2	-	-
36681	12	-	-
36682	211	-	-
36683	147	-	-
36684	188	-	-
36685	1873	-	0.042
36686	339	-	-
36687	387	-	-
36688	1920	-	0.048
36689	620	-	-
36690	1817	-	0.058
36691	617	-	-
36692	819	855	-
36693	255	-	-
36694	243	-	-
36695	207	-	-
36696	285	-	-
36697	53	-	-
36698	134	-	-
36699	146	-	-
36700	99	-	-
36701	84	-	-
36702	105	-	-
36703	410	449	-
36704	113	-	-
36705	48	-	-
36706	259	-	-
36707	154	-	-

Certified by Denis Chartrand

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3W-1453-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB
36708	146	187 -
36709	161	-
36710	142	-
36711	106	-
36712	137	-
36713	74	-
36714	29	-
36715	82	-
36716	141	-
36717	60	48
36718	29	-
36719	Nil	-
36720	62	-
36721	89	-
36722	45	-
36723	Nil	-
36724	338	276
36725	69	-
36726	Nil	-
36727	39	-
36728	57	-
36729	93	-
36730	26	-
36731	75	87
36732	69	-
36733	74	-
36734	130	-
36735	120	-
36736	137	-
36737	84	-

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3W-1453-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB
36738	211	-
36739	108	98
36740	168	-
36741	87	-
36742	103	-
36743	58	-
36744	62	69
36745	262	-
36746	118	-
36747	137	-
36748	247	-
36749	91	-
36750	123	-
36751	3	-
36752	72	-
36753	101	-
36754	86	-
36755	70	-
36756	3	-
36757	101	-
36758	98	-
36759	103	-
36760	154	153
36761	29	-

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3W-1454-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-06-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB
36762	46	-
36763	57	-
36764	113	137
36765	110	-
36766	45	-
36767	5	-
36768	3	-
36769	Nil	-
36770	Nil	-
36771	Nil	-
36772	Nil	-
36773	Nil	-
36774	Nil	-
36775	Nil	-
36776	Nil	-
36777	Nil	-
36778	Nil	Nil
36779	7	-
36780	3	-
36781	Nil	-
36782	Nil	-
36783	Nil	-
36784	Nil	-
36785	Nil	-
36786	5	-
36787	3	-
36788	27	-
36789	62	-
36790	Nil	-
36791	156	183

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3W-1454-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-06-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB
36792	655	538
36793	10	-
36794	2	-
36795	5	-
36796	Nil	-
36797	Nil	-
36798	15	-
36799	Nil	-
36800	5	-
36801	Nil	-
36802	Nil	-
36803	Nil	-
36804	Nil	-
36805	Nil	-
36806	Nil	Nil
36807	Nil	-
36808	2	-
36809	Nil	-
36810	Nil	-
36811	Nil	-
36812	Nil	-
36813	33	-
36814	3	-
36815	22	-
36816	5	Nil
36817	14	-
36818	5	-
36819	5	-
36820	21	-
36821	Nil	-

Certified by Denis Chartier

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3W-1454-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-06-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-25-03 by .

Sample Number	Au PPB	Au Check PPB
36822	9	-
36823	19	-
36824	34	-
36825	132	-
36826	192	223
36827	Nil	-
36828	27	-
36829	271	254
36830	17	-
36831	22	-
36832	67	72
36833	36	-
36834	34	-
36835	5	-

Certified by Denis Chartrand

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Geochemical Analysis Certificate

3W-1502-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
36836	10	-	-
36837	5	-	-
36838	9	-	-
36839	195	-	-
36840	79	-	-
36841	15	-	-
36842	72	-	-
36843	185	-	-
36844	309	293	-
36845	26	-	-
36846	19	-	-
36847	3	-	-
36848	3	-	-
36849	Nil	-	-
36850	17	-	-
36851	34	36	-
36852	31	-	-
36853	21	-	-
36854	5	-	-
36855	3	-	-
36856	17	-	-
36857	41	-	-
36858	26	-	-
36859	67	-	-
36860	33	-	-
36861	29	-	-
36862	31	-	-
36863	39	-	-
36864	60	62	-
36865	55	-	-

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3W-1502-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton
36866	65	-	-
36867	247	175	-
36868	175	-	-
36869	81	-	-
36870	201	-	-
36871	319	-	-
36872	81	-	-
36873	194	-	-
36874	94	-	-
36875	125	-	-
36876	134	-	-
36877	3	-	-
36878	17	-	-
36879	Nil	-	-
36880	Nil	-	-
36881	12	-	-
36882	10	-	-
36883	3	-	-
36884	10	-	-
36885	1149	-	0.034
36886	26	-	-
36887	Nil	-	-
36888	53	-	-
36889	5	-	-
36890	10	-	-
36891	Nil	-	-

Certified by Denis Chantra

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Geochemical Analysis Certificate

3W-1503-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB
36892	3	-
36893	2	Nil
36894	2	-
36895	Nil	-
36896	2	-
36897	3	-
36898	Nil	-
36899	2	-
36900	5	-
36901	3	-
36902	2	-
36903	3	-
36904	3	-
36905	3	-
36906	Nil	-
36907	2	-
36908	22	-
36909	5	-
36910	22	15
36911	3	-
36912	Nil	-
36913	2	-
36914	3	-
36915	Nil	-
36916	Nil	-
36917	Nil	-
36918	89	94
36919	3	-
36920	Nil	-
36921	Nil	-

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3W-1503-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB
36922	Nil	-
36923	2	-
36924	Nil	-
36925	Nil	-
36926	Nil	-
36927	2	-
36928	Nil	-
36929	Nil	-
36930	2	Nil
36931	Nil	-
36932	74	50
36933	17	-
36934	3	-
36935	2	-
36936	Nil	-
36937	Nil	-
36938	Nil	-
36939	Nil	-
36940	2	-
36941	Nil	-
36942	2	-
36943	Nil	-
36944	14	-
36945	51	48
36946	7	-
36947	Nil	-

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3W-1504-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB
36948	Nil	-
36949	Nil	-
36950	Nil	-
36951	Nil	-
36952	Nil	-
36953	Nil	-
36954	Nil	2
36955	Nil	-
36956	Nil	-
36957	Nil	-
36958	3	-
36959	2	-
36960	Nil	-
36961	3	-
36962	Nil	Nil
36963	3	-
36964	Nil	-
36965	Nil	-
36966	Nil	-
36967	Nil	-
36968	Nil	-
36969	Nil	-
36970	Nil	-
36971	Nil	-
36972	Nil	-
36973	Nil	-
36974	Nil	-
36975	Nil	-
36976	3	Nil
36977	Nil	-

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3W-1504-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB
36978	Nil	-
36979	Nil	-
36980	Nil	-
36981	Nil	-
36982	Nil	2
36983	Nil	-
36984	Nil	-
36985	Nil	-
36986	Nil	-
36987	Nil	-
36988	2	-
36989	Nil	-
36990	10	-
36991	Nil	-
36992	Nil	-
36993	Nil	-
36994	Nil	-
36995	Nil	-
36996	Nil	-
36997	10	-
36998	75	86
36999	Nil	-
37000	Nil	-
37001	19	-
37002	Nil	-
37003	Nil	-
37004	2	Nil
37005	Nil	-
37006	Nil	-
37007	3	-

Certified by Denis Thomas

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3W-1504-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-07-03

We hereby certify the following Geochemical Analysis of 74 Core samples submitted APR-29-03 by .

Sample Number	Au PPB	Au Check PPB
37008	3	-
37009	2	-
37010	7	-
37011	Nil	-
37012	Nil	-
37013	3	-
37014	2	-
37015	5	3
37016	5	-
37017	5	-
37018	3	-
37019	5	-
37020	7	-
37021	Nil	-

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3W-1539-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-12-03

We hereby certify the following Geochemical Analysis of 75 Core samples submitted MAY-01-03 by .

Sample Number	Au PPB	Au Check PPB
37022	153	117
37023	34	-
37024	75	-
37025	9	-
37026	24	-
37027	26	-
37028	7	-
37029	3	-
37030	22	-
37031	65	-
37032	3	-
37033	2	-
37034	Nil	-
37035	Nil	-
37036	3	-
37037	Nil	-
37038	7	-
37039	7	-
37040	10	14
37041	Nil	-
37042	14	-
37043	132	-
37044	Nil	-
37045	2	-
37046	243	180
37047	82	-
37048	Nil	-
37049	65	-
37050	12	-
37051	94	-

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Geochemical Analysis Certificate

3W-1539-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-12-03

We hereby certify the following Geochemical Analysis of 75 Core samples submitted MAY-01-03 by .

Sample Number	Au PPB	Au Check PPB
37052	9	-
37053	5	-
37054	3	9
37055	2	-
37056	5	-
37057	31	-
37058	7	-
37059	10	-
37060	2	Nil
37061	Nil	-
37062	58	-
37063	2	-
37064	10	-
37065	Nil	-
37066	Nil	-
37067	Nil	-
37068	69	-
37069	Nil	-
37070	9	-
37071	19	-
37072	Nil	Nil
37073	Nil	-
37074	Nil	-
37075	Nil	-
37076	Nil	-
37077	Nil	-
37078	5	-
37079	7	-
37080	29	-
37081	Nil	-

Certified by Denis Thanter

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3W-1539-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-12-03

We hereby certify the following Geochemical Analysis of 75 Core samples submitted MAY-01-03 by .

Sample Number	Au PPB	Au Check PPB
37082	3	-
37083	17	-
37084	10	-
37085	Nil	-
37086	Nil	-
37087	3	Nil
37088	12	-
37089	Nil	-
37090	Nil	-
37091	2	-
37092	2	-
37093	7	-
37094	653	765
37095	57	-
37096	3	-

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3W-1578-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 58 Core samples submitted MAY-06-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
37097	Nil	-	-	-
37098	Nil	-	-	-
37099	Nil	-	-	-
37100	Nil	-	-	-
37101	Nil	-	-	-
37102	Nil	-	-	-
37103	72	-	-	-
37104	746	-	-	-
37105	14914	-	0.460	0.430
37106	1505	-	0.042	-
37107	310	-	-	-
37108	274	-	-	-
37109	274	-	-	-
37110	36	-	-	-
37111	237	-	-	-
37112	1783	-	0.050	-
37113	22	-	-	-
37114	86	-	-	-
37115	10	-	-	-
37116	Nil	-	-	-
37117	9	-	-	-
37118	51	-	-	-
37119	2	-	-	-
37120	9	-	-	-
37121	3	-	-	-
37122	10	-	-	-
37123	21	-	-	-
37124	360	360	-	-
37125	5	-	-	-
37126	3	-	-	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

3W-1578-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 58 Core samples submitted MAY-06-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
37127	Nil	-	-	-
37128	Nil	-	-	-
37129	Nil	-	-	-
37130	Nil	-	-	-
37131	Nil	-	-	-
37132	Nil	-	-	-
37133	Nil	-	-	-
37134	Nil	Nil	-	-
37135	26	-	-	-
37136	2	-	-	-
37137	5	-	-	-
37138	Nil	-	-	-
37139	10	-	-	-
37140	9	-	-	-
37141	3	-	-	-
37142	Nil	-	-	-
37143	Nil	-	-	-
37144	Nil	-	-	-
37145	3	-	-	-
37146	213	141	-	-
37147	12	-	-	-
37148	3	-	-	-
37149	5	-	-	-
37150	3	-	-	-
37151	Nil	-	-	-
37152	Nil	-	-	-
37153	Nil	-	-	-
37154	Nil	-	-	-

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3W-1579-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-16-03

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-06-03 by .

Sample Number	Au PPB	Au Check PPB
37155	2	-
37156	Nil	-
37157	Nil	-
37158	2	-
37159	2	-
37160	3	-
37161	14	-
37162	2	-
37163	5	-
37164	5	-
37165	3	2
37166	29	-
37167	3	-
37168	3	-
37169	7	-
37170	7	-
37171	2	-
37172	2	-
37173	Nil	-
37174	2	-
37175	2	-
37176	3	-
37177	Nil	-
37178	2	-
37179	Nil	-
37180	Nil	-
37181	Nil	-
37182	Nil	Nil
37183	Nil	-
37184	5	-

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Geochemical Analysis Certificate

3W-1579-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-16-03

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-06-03 by .

Sample Number	Au PPB	Au Check PPB
37185	3	-
37186	2	-
37187	24	12
37188	2	-
37189	Nil	-
37190	5	-
37191	Nil	-
37192	Nil	-
37193	Nil	-
37194	3	-
37195	5	-
37196	2	Nil
37197	31	-
37198	Nil	-
37199	Nil	-
37200	Nil	-
37201	Nil	-
37202	Nil	-
37203	Nil	-
37204	Nil	-
37205	Nil	-
37206	Nil	-
37207	Nil	-
37208	Nil	-
37209	5	-
37210	2	-
8694	132	139
8695	183	-
8696	117	-
8697	369	372

Certified by

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Geochemical Analysis Certificate

3W-1579-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-16-03

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-06-03 by .

Sample Number	Au PPB	Au Check PPB
8698	15	-
8699	14	-
8700	Nil	-

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3W-1588-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-08-03

We hereby certify the following Geochemical Analysis of 9 Core samples submitted MAY-07-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37311	3257	-	-
37312	41	-	-
37313	1646	-	-
37314	1851	-	0.050
37315	1102	-	-
37316	842	883	-
37317	2263	-	-
37318	1954	-	-
37319	1920	-	-

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3W-1592-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 52 Core samples submitted MAY-08-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37211	77	-	-
37212	21	-	-
37213	Nil	-	-
37214	Nil	-	-
37215	9	-	-
37216	7	-	-
37217	7	-	-
37218	994	-	-
37219	Nil	-	-
37220	2	-	-
37221	5	-	-
37222	6926	-	0.212
37223	63	-	-
37224	17	-	-
37225	72	-	-
37226	3	-	-
37227	17	-	-
37228	5	-	-
37229	Nil	-	-
37230	2	-	-
37231	5	Nil	-
37232	3	-	-
37233	Nil	-	-
37234	2	-	-
37235	Nil	-	-
37236	3	-	-
37237	5	-	-
37238	Nil	2	-
37239	2	-	-
37240	Nil	-	-

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Geochemical Analysis Certificate

3W-1592-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 52 Core samples submitted MAY-08-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37241	Nil	-	-
37242	9	-	-
37243	69	-	-
37244	12	14	-
37245	9	-	-
37246	2	-	-
37247	2	-	-
37248	Nil	-	-
37249	5	-	-
37250	Nil	-	-
37251	5	-	-
37252	2	-	-
37253	3	-	-
37254	2	-	-
37255	142	-	-
37256	177	-	-
37257	4937	-	0.150
37258	240	-	-
37259	26	-	-
37260	9	-	-
37261	Nil	-	-
37262	3	-	-

Certified by Denis Chamberlain

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3W-1593-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted MAY-08-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37263	2	-	-
37264	3	7	-
37265	3	-	-
37266	2	-	-
37267	Nil	-	-
37268	Nil	-	-
37269	Nil	-	-
37270	Nil	-	-
37271	Nil	-	-
37272	Nil	-	-
37273	Nil	-	-
37274	Nil	-	-
37275	Nil	-	-
37276	Nil	-	-
37277	Nil	-	-
37278	Nil	-	-
37279	Nil	-	-
37280	Nil	Nil	-
37281	2	-	-
37282	2	-	-
37283	Nil	-	-
37284	2	-	-
37285	14	-	-
37286	Nil	-	-
37287	Nil	-	-
37288	Nil	-	-
37289	Nil	-	-
37290	Nil	-	-
37291	2	-	-
37292	Nil	-	-

Certified by Denis Chartrand

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Geochemical Analysis Certificate

3W-1593-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted MAY-08-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37293	10	-	-
37294	Nil	-	-
37295	Nil	-	-
37296	5	-	-
37297	9	-	-
37298	7	-	-
37299	Nil	-	-
37300	46	-	-
37301	81	91	-
37302	Nil	-	-
37303	Nil	-	-
37304	Nil	-	-
37305	Nil	-	-
37306	Nil	-	-
37307	Nil	-	-
37308	2	-	-
37309	Nil	-	-
37310	19	-	-
37320	21	-	-
37321	9	-	-
37322	Nil	-	-
37323	3	-	-
37324	Nil	-	-
37325	Nil	-	-
37326	Nil	-	-
37327	86	139	-
37328	Nil	-	-
37329	Nil	-	-
37330	Nil	-	-
37331	1851	-	0.052

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3W-1593-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-15-03

We hereby certify the following Geochemical Analysis of 65 Core samples submitted MAY-08-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37332	67	-	-
37333	58	-	-
37334	5	-	-
37335	657	552	-
37336	5	-	-

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3W-1649-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-20-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted MAY-12-03 by .

Sample Number	Au PPB	Au Check PPB
37337	Nil	-
37338	87	79
37339	33	-
37340	33	-
37341	165	240
37342	21	-
37343	14	10
37344	2	-
37345	7	-
37346	2	-
37347	5	-
37348	3	-
37349	2	-
37350	2	-
37351	Nil	-
37352	7	-
37353	Nil	-
37354	9	-
37355	Nil	-
37356	Nil	-
37357	3	-
37358	12	-
37359	5	2
37360	5	-
37361	3	-
37362	9	-
37363	Nil	-
37364	3	-
37365	Nil	-
37366	2	-

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3W-1649-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-20-03

We hereby certify the following Geochemical Analysis of 55 Core samples submitted MAY-12-03 by .

Sample Number	Au PPB	Au Check PPB
37367	3	-
37368	5	-
37369	10	-
37370	5	-
37371	5	-
37372	Nil	-
37373	5	-
37374	Nil	-
37375	10	-
37376	62	79
37377	9	-
37378	Nil	-
37379	7	-
37380	Nil	-
37381	2	-
37382	Nil	-
37383	Nil	-
37384	5	3
37385	7	-
37386	2	-
37387	3	-
37388	5	-
37389	21	-
37390	2	-
37391	2	Nil

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3W-1650-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-20-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted MAY-12-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37392	Nil	Nil	-
37393	Nil	-	-
37394	7	-	-
37395	Nil	-	-
37396	2	-	-
37397	2	-	-
37398	5	-	-
37399	2	-	-
37400	3	-	-
37401	3	-	-
37402	9	-	-
37403	9	-	-
37404	3257	-	0.102
37405	21	-	-
37406	142	-	-
37407	13989	-	0.406
37408	406	-	-
37409	5314	-	0.137
37410	4114	-	0.132
37411	57	-	-
37412	22	-	-
37413	Nil	-	-
37414	7	-	-
37415	22	-	-
37416	5	-	-
37417	Nil	-	-
37418	Nil	-	-
37419	Nil	-	-
37420	3	-	-
37421	Nil	-	-

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3W-1650-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-20-03

We hereby certify the following Geochemical Analysis of 56 Core samples submitted MAY-12-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37422	2674	-	0.073
37423	63	-	-
37424	21	-	-
37425	Nil	-	-
37426	5	-	-
37427	Nil	-	-
37428	Nil	-	-
37429	Nil	-	-
37430	3	-	-
37431	Nil	-	-
37432	7	-	-
37433	5	-	-
37434	5	-	-
37435	171	221	-
37436	27	-	-
37437	207	-	-
37438	50	-	-
37439	36	-	-
37440	36	-	-
37441	Nil	-	-
37442	38	-	-
37443	21	-	-
37444	27	-	-
37445	Nil	-	-
37446	Nil	-	-
37447	Nil	Nil	-

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3W-1651-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-20-03

We hereby certify the following Geochemical Analysis of 18 Core samples submitted MAY-12-03 by .

Sample Number	Au PPB	Au Check PPB
37448	24	-
37449	9	-
37450	2	Nil
37451	3	-
37452	2	-
37453	2	-
37454	9	-
37455	Nil	-
37456	Nil	-
37457	26	-
37458	39	-
37459	19	21
37460	26	-
37461	24	-
37462	12	-
37463	Nil	-
37464	21	-
37465	Nil	-

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3W-1665-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-21-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted MAY-13-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37466	10	-	-
37467	87	-	-
37468	Nil	-	-
37469	15	-	-
37470	279	-	-
37471	122	-	-
37472	514	-	-
37473	2469	-	0.080
37474	2983	-	0.086
37475	22	-	-
37476	50	-	-
37477	94	-	-
37478	821	840	-
37479	391	-	-
37480	17	-	-
37481	Nil	-	-
37482	5	-	-
37483	Nil	-	-
37484	3	-	-
37485	10	-	-
37486	33	-	-
37487	72	-	-
37488	10	-	-
37489	Nil	-	-
37490	Nil	-	-
37491	183	122	-
37492	5	-	-
37493	106	-	-
37494	15	-	-
37495	Nil	-	-

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3W-1665-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T. Obradovich

Date: MAY-21-03

We hereby certify the following Geochemical Analysis of 54 Core samples submitted MAY-13-03 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
37496	Nil	-	-
37497	Nil	-	-
37498	Nil	-	-
37499	3	-	-
37500	Nil	-	-
43001	9	-	-
43002	Nil	-	-
43003	Nil	-	-
43004	Nil	-	-
43005	Nil	-	-
43006	Nil	-	-
43007	41	33	-
43008	Nil	-	-
43009	Nil	-	-
43010	Nil	-	-
43011	Nil	-	-
43012	Nil	-	-
43013	10	-	-
43014	Nil	-	-
43015	Nil	-	-
43016	Nil	-	-
43017	Nil	-	-
43018	Nil	-	-
43019	Nil	-	-

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3W-1698-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T.Obradovich

Date: MAY-21-03

We hereby certify the following Geochemical Analysis of 66 Core samples submitted MAY-15-03 by .

Sample Number	Au PPB	Au Check PPB
43020	14	7
43021	Nil	-
43022	Nil	-
43023	Nil	-
43024	62	45
43025	Nil	-
43026	3	-
43027	5	-
43028	Nil	-
43029	Nil	-
43030	Nil	-
43031	Nil	-
43032	17	-
43033	3	-
43034	3	-
43035	Nil	-
43036	7	-
43037	10	-
43038	89	91
43039	Nil	-
43040	Nil	-
43041	5	-
43042	9	-
43043	3	-
43044	2	-
43045	9	-
43046	3	-
43047	Nil	-
43048	7	
43049	Nil	-

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3W-1698-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T.Obradovich

Date: MAY-21-03

We hereby certify the following Geochemical Analysis of 66 Core samples submitted MAY-15-03 by .

Sample Number	Au PPB	Au Check PPB
43050	3	-
43051	Nil	-
43052	Nil	-
43053	10	-
43054	Nil	-
43055	Nil	-
43056	Nil	-
43057	9	-
43058	21	-
43059	62	50
43060	Nil	-
43061	Nil	-
43062	Nil	-
43063	Nil	-
43064	Nil	-
43065	Nil	5
43066	Nil	-
43067	Nil	-
43068	Nil	-
43069	Nil	-
43070	2	-
43071	Nil	-
43072	Nil	-
43073	19	27
43074	Nil	-
43075	Nil	-
43076	Nil	-
43077	Nil	-
43078	Nil	-
43079	7	-

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3W-1698-RG1

Company: **YOUNG DAVIDSON MINES**
Project: YD Matachewan
Attn: T.Obradovich

Date: MAY-21-03

We hereby certify the following Geochemical Analysis of 66 Core samples submitted MAY-15-03 by .

Sample Number	Au PPB	Au Check PPB
43080	Nil	-
43081	31	-
43082	123	113
43083	14	-
43084	21	-
43085	2	-

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2W-3023-RG1

Company: **1519864 ONTARIO LTD**
Project: YD MATACHEWAN
Attn: T. Obradovich

Date: NOV-05-02

We hereby certify the following Geochemical Analysis of 38 Core samples submitted NOV-01-02 by .

Sample Number	Au PPB	Au Check PPB
16001	34	-
16002	82	-
16003	67	-
16004	62	-
16005	456	537
16006	334	-
16007	2335	2314
16008	84	-
16009	261	-
16010	120	-
16011	1502	1546
16012	141	-
16013	2597	2057
16014	231	-
16015	36	-
16016	3771	3223
16017	387	-
16018	302	309
16019	204	-
16020	549	-
16021	123	-
16022	115	-
16023	27	-
16024	51	-
16025	250	-
16026	57	-
16027	50	-
16028	45	-
16029	5	-
16030	74	65

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2W-3023-RG1

Company: **1519864 ONTARIO LTD**
Project: YD MATACHEWAN
Attn: T. Obradovich

Date: NOV-05-02

We hereby certify the following Geochemical Analysis of 38 Core samples submitted NOV-01-02 by .

Sample Number	Au PPB	Au Check PPB
16031	33	-
16032	45	-
16033	43	-
16034	2	-
16035	51	-
16036	50	-
16037	84	-
16038	45	-

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2W-303[illegible]RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD Matachewan
Attn: R. Zalnieriunas

Date: NOV-07-02

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-04-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
16039	69	-	-	-
16040	151	158	-	-
16041	39	-	-	-
16042	63	-	-	-
16043	14	-	-	-
16044	50	-	-	-
16045	17	-	-	-
16046	Nil	-	-	-
16047	27	-	-	-
16048	24	-	-	-
16049	31	-	-	-
16050	33	-	-	-
16051	24	-	-	-
16052	62	60	-	-
16053	31	-	-	-
16054	22	-	-	-
16055	9	-	-	-
16056	41	-	-	-
16057	27	-	-	-
16058	26	-	-	-
16059	21	-	-	-
16060	2	-	-	-
16061	34	-	-	-
16062	10	-	-	-
16063	Nil	-	-	-
16064	22	-	-	-
16065	26	-	-	-
16066	26	-	-	-
16067	75	70	-	-
16068	55	-	-	-

Certified by Denis Chrétien

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2W-3034-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD Matachewan
Attn: R. Zalnieriunas

Date: NOV-07-02

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-04-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
16069	141	-	-	-
16070	70	-	-	-
16071	36	-	-	-
16072	15	-	-	-
16073	5	-	-	-
16074	84	-	-	-
16075	17	-	-	-
16076	10	-	-	-
16077	14	-	-	-
16078	39	34	-	-
16079	5	-	-	-
16080	24	-	-	-
16081	132	-	-	-
16082	15	-	-	-
16083	19	-	-	-
16084	14	-	-	-
16085	105	-	-	-
16086	91	-	-	-
16087	45	-	-	-
16088	98	99	-	-
16089	45	-	-	-
16090	14	-	-	-
16091	26	-	-	-
16092	22	-	-	-
16093	2	-	-	-
16094	2949	-	0.097	-
16095	257	-	-	-
16096	1851	-	0.045	-
16097	93	-	-	-
16098	2983	-	0.085	-

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2W-3034-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD Matachewan
Attn: R. Zalnieriunas

Date: NOV-07-02

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-04-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
16099	1920	-	0.060	-
16100	3360	-	0.100	-
16101	9223	-	0.264	-
16102	926	-	-	-
16103	93121	-	2.758	2.837
16104	758	-	-	-
16105	111	-	-	-

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2W-3057-RG1

Company: **1915864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-11-02

We hereby certify the following Geochemical Analysis of 65 Core samples submitted NOV-06-02 by .

Sample Number	Au PPB	Au Check PPB
16106	14	-
16107	22	-
16108	24	21
16109	17	-
16110	10	-
16111	41	43
16112	33	-
16113	27	-
16114	19	-
16115	74	-
16116	27	-
16117	31	-
16118	67	-
16119	43	48
16120	33	-
16121	130	129
16122	12	-
16123	21	-
16124	5	-
16125	24	-
16126	22	-
16127	Nil	-
16128	Nil	-
16129	17	-
16130	21	-
16131	46	-
16132	45	36
16133	9	-
16134	24	-
16135	33	-

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2W-3057-RG1

Company: **1915864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-11-02

We hereby certify the following Geochemical Analysis of 65 Core samples submitted NOV-06-02 by .

Sample Number	Au PPB	Au Check PPB
16136	21	-
16137	62	-
16138	46	-
16139	45	-
16140	34	-
16141	10	-
16142	21	-
16143	17	-
16144	15	21
16145	26	-
16146	22	-
16147	14	-
16148	41	-
16149	5	7
16150	29	-
16151	17	-
16152	46	-
16153	2	-
16154	36	-
16155	24	-
16156	10	-
16157	22	-
16158	7	-
16159	15	-
16160	14	-
16161	51	48
16162	5	-
16163	12	-
16164	3	-
16165	15	-

Certified by Denis Chartre

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2W-3057-RG1

Company: **1915864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-11-02

We hereby certify the following Geochemical Analysis of 65 Core samples submitted NOV-06-02 by .

Sample Number	Au PPB	Au Check PPB
16166	5	-
16167	Nil	-
16168	2	-
16169	Nil	-
16170	Nil	-

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2W-3082-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD MATACHEWAN
Attn:

Date: NOV-11-02

We hereby certify the following Geochemical Analysis of 35 Core samples submitted NOV-07-02 by .

Sample Number	Au PPB	Au Check PPB
16171	12	15
16172	5	-
16173	Nil	-
16174	Nil	-
16175	Nil	-
16176	Nil	-
16177	Nil	-
16178	Nil	-
16179	3	-
16180	5	10
16181	Nil	-
16182	Nil	-
16183	Nil	-
16184	5	-
16185	Nil	-
16186	3	-
16187	Nil	-
16188	5	-
16189	12	-
16190	Nil	-
16191	Nil	-
16192	Nil	-
16193	Nil	-
16194	Nil	-
16195	9	5
16196	Nil	-
16197	Nil	-
16198	Nil	-
16199	Nil	-
16200	Nil	-

Certified by Denis Chamberland

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2W-3082-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD MATACHEWAN
Attn:

Date: NOV-11-02

We hereby certify the following Geochemical Analysis of 35 Core samples submitted NOV-07-02 by .

Sample Number	Au PPB	Au Check PPB
16201	2	-
16202	Nil	-
16203	Nil	-
16204	Nil	-
16205	Nil	-

Certified by Denis Chartre

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2W-3083-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-13-02

We hereby certify the following Geochemical Analysis of 37 Core samples submitted NOV-07-02 by .

Sample Number	Au PPB	Au Check PPB
16206	27	-
16207	105	-
16208	279	-
16209	199	209
16210	39	-
16211	17	-
16212	7	-
16213	2	-
16214	Nil	-
16215	Nil	-
16216	Nil	-
16217	Nil	-
16218	5	-
16219	33	27
16220	7	-
16221	Nil	-
16222	Nil	-
16223	Nil	-
16224	Nil	-
16225	Nil	-
16226	Nil	-
16227	14	-
16228	5	-
16229	19	-
16230	2	-
16231	5	-
16232	Nil	-
16233	Nil	-
16234	Nil	-
16235	Nil	-

Certified by Denis Charette

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2W-3083-RG1

Company: **1519864 ONTARIO LIMITED**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-13-02

We hereby certify the following Geochemical Analysis of 37 Core samples submitted NOV-07-02 by .

Sample Number	Au PPB	Au Check PPB
16236	Nil	-
16237	48	45
16238	2	-
16239	3	-
16240	Nil	-
16241	Nil	-
16242	7	-

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2W-3093-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T.Obradovich

Date: NOV-15-02

We hereby certify the following Geochemical Analysis of 50 Core samples submitted NOV-08-02 by .

Sample Number	Au PPB	Au Check PPB
16243	17	-
16244	3	-
16245	9	-
16246	10	3
16247	2	-
16248	5	-
16249	5	-
16250	2	-
16251	Nil	-
16252	5	-
16253	10	-
16254	3	-
16255	3	-
16256	21	-
16257	3	-
16258	19	-
16259	9	15
16260	Nil	-
16261	10	-
16262	21	-
16263	5	-
16264	3	-
16265	2	-
16266	2	-
16267	3	-
16268	7	-
16269	Nil	-
16270	2	-
16271	2	-
16272	2	Nil

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2W-3093-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T.Obradovich

Date: NOV-15-02

We hereby certify the following Geochemical Analysis of 50 Core samples submitted NOV-08-02 by .

Sample Number	Au PPB	Au Check PPB
16273	2	-
16274	Nil	-
16275	7	-
16276	Nil	-
16277	2	-
16278	Nil	-
16279	5	-
16280	Nil	-
16281	Nil	-
16282	26	26
16283	2	-
16284	19	-
16285	Nil	-
16286	5	-
16287	Nil	-
16288	14	14
16289	Nil	-
16290	10	-
16291	15	-
16292	2	-

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2W-3102-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-14-02

We hereby certify the following Geochemical Analysis of 69 Core samples submitted NOV-09-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16293	14	-	-
16294	5	-	-
16295	58	-	-
16296	31	-	-
16297	7	-	-
16298	21	33	-
16299	9	-	-
16300	5	-	-
16301	21	-	-
16302	9	-	-
16303	2	-	-
16304	27	-	-
16305	9	-	-
16306	12	-	-
16307	22	19	-
16308	17	-	-
16309	10	-	-
16310	5	-	-
16311	19	-	-
16312	3	-	-
16313	19	-	-
16314	9	-	-
16315	10	-	-
16316	26	-	-
16317	58	-	-
16318	168	-	-
16319	62	-	-
16320	4903	-	0.173
16321	139	-	-
16322	24	-	-

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2W-3102-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-14-02

We hereby certify the following Geochemical Analysis of 69 Core samples submitted NOV-09-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16323	7	-	-
16324	202	-	-
16325	2	-	-
16326	33	-	-
16327	206	-	-
16328	144	-	-
16329	91	-	-
16330	394	-	-
16331	171	149	-
16332	91	-	-
16333	214	-	-
16334	189	-	-
16335	5	-	-
16336	132	-	-
16337	549	525	-
16338	14	-	-
16339	5	-	-
16340	5	-	-
16341	9	-	-
16342	45	-	-
16343	48	57	-
16344	5	-	-
16345	2	-	-
16346	3	-	-
16347	5	-	-
16348	2	-	-
16349	Nil	-	-
16350	5	-	-
16351	10	-	-
16352	17	-	-

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2W-3102-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-14-02

We hereby certify the following Geochemical Analysis of 69 Core samples submitted NOV-09-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16353	Nil	-	-
16354	21	-	-
16355	Nil	-	-
16356	Nil	-	-
16357	Nil	-	-
16358	Nil	-	-
16359	Nil	-	-
16360	26	36	-
16361	Nil	-	-

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Date: NOV-15-02

We hereby certify the following Geochemical Analysis of 26 Core samples submitted NOV-12-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16362	22	24	-
16363	74	-	-
16364	53	-	-
16365	98	-	-
16366	33	-	-
16367	185	-	-
16368	501	473	-
16369	194	-	-
16370	103	-	-
16371	326	-	-
16372	113	-	-
16373	86	79	-
16374	2	-	-
16375	24	-	-
16376	24	-	-
16377	29	-	-
16378	2	-	-
16379	9	-	-
16380	3	-	-
16381	7	-	-
16382	Nil	-	-
16383	15	-	-
16384	970	-	0.031
16385	3	-	-
16386	2	-	-
16387	3	-	-

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2W-3151-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-15-02

We hereby certify the following Geochemical Analysis of 22 Core samples submitted NOV-13-02 by .

Sample Number	Au PPB	Au Check PPB
16388	27	21
16389	36	-
16390	17	-
16391	Nil	-
16392	Nil	-
16393	Nil	-
16394	Nil	-
16395	3	-
16396	9	-
16397	2	-
16398	Nil	-
16399	3	7
16400	Nil	-
16401	Nil	-
16402	3	-
16403	Nil	-
16404	Nil	-
16405	Nil	-
16406	Nil	-
16407	Nil	Nil
16408	Nil	-
16409	Nil	-

Certified by Denis Chamberland

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2W-3180-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-19-02

We hereby certify the following Geochemical Analysis of 37 Core samples submitted NOV-15-02 by .

Sample Number	Au PPB	Au Check PPB
16410	Nil	-
16411	12	-
16412	9	-
16413	3	-
16414	2	5
16415	Nil	-
16416	5	-
16417	Nil	-
16418	15	-
16419	Nil	-
16420	Nil	-
16421	Nil	-
16422	Nil	-
16423	Nil	-
16424	Nil	-
16425	5	-
16426	5	-
16427	9	3
16428	Nil	-
16429	17	-
16430	Nil	-
16431	Nil	-
16432	15	-
16433	7	-
16434	Nil	-
16435	Nil	-
16436	14	-
16437	14	-
16438	17	-
16439	Nil	-

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2W-3180-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-19-02

We hereby certify the following Geochemical Analysis of 37 Core samples submitted NOV-15-02 by .

Sample Number	Au PPB	Au Check PPB
16440	Nil	-
16441	Nil	-
16442	Nil	-
16443	5	9
16444	Nil	-
16445	2	-
16446	12	-

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2W-3181-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-22-02

We hereby certify the following Geochemical Analysis of 50 Core samples submitted NOV-15-02 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au 2nd oz/ton
16447	2	-	-	-
16448	14	22	-	-
16449	17	-	-	-
16450	Nil	-	-	-
16451	Nil	-	-	-
16452	Nil	-	-	-
16453	Nil	-	-	-
16454	Nil	-	-	-
16455	Nil	-	-	-
16456	Nil	-	-	-
16457	Nil	-	-	-
16458	5	3	-	-
16459	Nil	-	-	-
16460	Nil	-	-	-
16461	Nil	-	-	-
16462	5	-	-	-
16463	Nil	-	-	-
16464	Nil	-	-	-
16465	Nil	-	-	-
16466	Nil	-	-	-
16467	Nil	-	-	-
16468	2	-	-	-
16469	Nil	-	-	-
16470	14	-	-	-
16471	43	34	-	-
16472	Nil	-	-	-
16473	27	-	-	-
16474	Nil	-	-	-
16475	Nil	-	-	-
16476	Nil	-	-	-

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2W-3181-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-22-02

We hereby certify the following Geochemical Analysis of 50 Core samples submitted NOV-15-02 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au 2nd oz/ton
16477	Nil	-	-	-
16478	Nil	-	-	-
16479	Nil	-	-	-
16480	Nil	-	-	-
16481	5	-	-	-
16482	3	-	-	-
16483	122	-	-	-
16484	4258	-	0.121	0.116
16485	60	-	-	-
16486	934	994	-	-
16487	595	-	-	-
16488	170	-	-	-
16489	480	-	-	-
16490	627	579	-	-
16491	372	-	-	-
16492	957	984	-	-
16493	105	-	-	-
16494	38	-	-	-
16495	154	-	-	-
16496	216	-	-	-

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2W-3189-RC1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-26-02

We hereby certify the following Geochemical Analysis of 39 Core samples submitted NOV-17-02 by .

Sample Number	Au PPB	Au Check PPB
16497	31	45
16498	26	-
16499	5	-
16500	21	-
16501	15	-
16502	19	-
16503	2	-
16504	Nil	-
16505	Nil	-
16506	15	10
16507	9	-
16508	2	-
16509	Nil	-
16510	Nil	-
16511	Nil	-
16512	Nil	-
16513	27	22
16514	15	-
16515	Nil	-
16516	Nil	-
16517	Nil	-
16518	Nil	-
16519	9	12
16520	2	-
16521	Nil	-
16522	Nil	-
16523	Nil	-
16524	Nil	-
16525	Nil	-
16526	Nil	-

Certified by _____

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2W-3189-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-26-02

We hereby certify the following Geochemical Analysis of 39 Core samples submitted NOV-17-02 by .

Sample Number	Au PPB	Au Check PPB
16527	Nil	-
16528	Nil	-
16529	Nil	-
16530	Nil	-
16531	5	-
16532	5	-
16533	2	7
16534	5	-
16535	21	15

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2W-3232-RG1

Company: **1519864 ON[illegible]O LIMITED**
Project: YD MATACH[illegible]
Attn: T. Obradovich

Date: NOV-[illegible]

We hereby certify the following Geochemical Analysis of 54 Core samples submitted NOV-20-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16536	2	-	-
16537	7	-	-
16538	2	-	-
16539	Nil	-	-
16540	7	-	-
16541	3	3	-
16542	2	-	-
16543	14	-	-
16544	3	-	-
16545	5	-	-
16546	Nil	-	-
16547	3	-	-
16548	12	-	-
16549	Nil	-	-
16550	Nil	-	-
16551	Nil	-	-
16552	Nil	-	-
16553	Nil	2	-
16554	2	-	-
16555	3	-	-
16556	9	-	-
16557	Nil	-	-
16558	3	-	-
16559	2	-	-
16560	10	12	-
16561	14	-	-
16562	Nil	-	-
16563	22	-	-
16564	22	-	-
16565	7	-	-

Certified by [signature]

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2W-3252-KG1

Company: **1519864 ONTARIO LIMITED**
Project: YD MATACHEWAN
Attn: T. Obradovich

Date: NOV-27-02

We hereby certify the following Geochemical Analysis of 54 Core samples submitted NOV-20-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton
16566	17	-	-
16567	7	-	-
16568	9	-	-
16569	46	-	-
16570	10	-	-
16571	48	-	-
16572	27	-	-
16573	22	-	-
16574	21	-	-
16575	31	41	-
16576	2	-	-
16577	Nil	-	-
16578	735	-	-
16579	4937	-	0.139
16580	497	-	-
16581	2674	-	0.072
16582	3665	-	0.122
16583	1267	-	0.040
16584	3223	-	0.104
16585	1193	-	0.034
16586	518	-	-
16587	27	-	-
16588	9	-	-
16589	7	-	-

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2W-3[illegible]

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-27-02

We hereby certify the following Geochemical Analysis of 61 Core samples submitted NOV-20-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
16590	7	-	-	-
16591	Nil	-	-	-
16592	Nil	-	-	-
16593	3538	-	0.099	-
16594	4850	-	0.133	-
16595	2381	-	0.064	-
16596	34	-	-	-
16597	2875	-	0.094	-
16598	1070	-	0.032	-
16599	699	-	-	-
16600	543	-	-	-
16601	5618	-	0.176	0.172
16602	158	-	-	-
16603	Nil	-	-	-
16604	Nil	-	-	-
16605	Nil	-	-	-
16606	Nil	-	-	-
16607	5	-	-	-
16608	Nil	-	-	-
16609	2	3	-	-
16610	Nil	-	-	-
16611	Nil	-	-	-
16612	12	-	-	-
16613	Nil	-	-	-
16614	Nil	-	-	-
16615	Nil	-	-	-
16616	Nil	-	-	-
16617	Nil	-	-	-
16618	Nil	-	-	-
16619	Nil	-	-	-

Certified by [signature]

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2W-3233-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: NOV-27-02

We hereby certify the following Geochemical Analysis of 61 Core samples submitted NOV-20-02 by .

Sample Number	Au PPB	Au Check PPB	Au Check oz/ton	Au 2nd oz/ton
16620	3	2	-	-
16621	Nil	-	-	-
16622	Nil	-	-	-
16623	Nil	-	-	-
16624	Nil	-	-	-
16625	Nil	-	-	-
16626	Nil	-	-	-
16627	Nil	-	-	-
16628	Nil	-	-	-
16629	Nil	-	-	-
16630	2	-	-	-
16631	3	-	-	-
16632	31	-	-	-
16633	69	-	-	-
16634	86	-	-	-
16635	Nil	Nil	-	-
16636	24	-	-	-
16637	39	-	-	-
16638	33	-	-	-
16639	Nil	-	-	-
16640	Nil	-	-	-
16641	Nil	-	-	-
16642	Nil	Nil	-	-
16643	Nil	-	-	-
16644	Nil	-	-	-
16645	Nil	-	-	-
16646	2	-	-	-
16647	22	-	-	-
16648	110	-	-	-
16649	Nil	-	-	-
16650	Nil	-	-	-

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2W-3266-RG1

Date: DEC-02-02

Geochemical Analysis Certificate

Company: **1519864 ONTARIO LTD**
Project: TD Matachewan
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-24-02 by .

Sample Number	Au PPB	Au Check PPB
16651	69	-
16652	21	-
16653	5	-
16654	29	22
16655	7	-
16656	14	-
16657	5	-
16658	3	-
16659	Nil	-
16660	50	-
16661	21	-
16662	21	-
16663	5	-
16664	2	-
16665	Nil	-
16666	Nil	-
16667	3	7
16668	Nil	-
16669	Nil	-
16670	Nil	-
16671	5	-
16672	12	-
16673	Nil	-
16674	Nil	-
16675	Nil	-
16676	17	-
16677	2	-
16678	Nil	Nil
16679	Nil	-
16680	Nil	-

Certified by Denis Chartre

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2W-3[illegible]-RG1

Company: [illegible]64 ONTARIO LTD
Project: [illegible] Matachewan
Attn: T. Obradovich

Date: DE[illegible]2-02

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-24-02 by .

Sample Number	Au PPB	Au Check PPB
16681	3	-
16682	7	-
16683	Nil	-
16684	Nil	-
16685	Nil	-
16686	Nil	-
16687	Nil	-
16688	3	-
16689	5	Nil
16690	Nil	-
16691	3	-
16692	Nil	-
16693	Nil	-
16694	Nil	-
16695	5	-
16696	Nil	-
16697	19	-
16698	Nil	Nil
16699	Nil	-

Certified by Denis C[illegible]

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Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-24-02 by .

Sample Number	Au PPB	Au Check PPB
16700	3	-
16701	Nil	-
16702	5	-
16703	Nil	-
16704	Nil	-
16705	Nil	-
16706	Nil	Nil
16707	Nil	-
16708	5	-
16709	9	-
16710	Nil	-
16711	Nil	-
16712	Nil	2
16713	Nil	-
16714	Nil	-
16715	Nil	-
16716	Nil	-
16717	Nil	-
16718	Nil	-
16719	5	5
16720	5	-
16721	3	-
16722	7	-
16723	Nil	-
16724	Nil	-
16725	Nil	-
16726	Nil	-
16727	Nil	-
16728	Nil	-
16729	Nil	-

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2W-32

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-02-02

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-24-02 by .

Sample Number	Au PPB	Au Check PPB
16730	Nil	-
16731	Nil	-
16732	Nil	-
16733	Nil	-
16734	Nil	-
16735	Nil	-
16736	Nil	-
16737	Nil	-
16738	Nil	-
16739	12	-
16740	Nil	-
16741	Nil	-
16742	Nil	-
16743	10	-
16744	5	-
16745	Nil	-
16746	15	-
16747	Nil	-
16748	Nil	-

Certified by Denis Charette

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2W-3301-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-26-02 by .

Sample Number	Au PPB	Au Check PPB
16749	17	-
16750	9	3
16751	Nil	-
16752	2	-
16753	5	-
16754	Nil	-
16755	Nil	-
16756	Nil	-
16757	Nil	-
16758	Nil	-
16759	Nil	-
16760	Nil	-
16761	Nil	-
16762	5	-
16763	7	-
16764	Nil	-
16765	Nil	-
16766	Nil	-
16767	Nil	Nil
16768	3	-
16769	Nil	-
16770	Nil	-
16771	10	-
16772	Nil	-
16773	12	-
16774	34	-
16775	5	-
16776	Nil	Nil
16777	5	-
16778	Nil	-

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2W-3301-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-26-02 by .

Sample Number	Au PPB	Au Check PPB
16779	45	-
16780	17	-
16781	Nil	-
16782	Nil	-
16783	Nil	-
16784	Nil	-
16785	Nil	-
16786	3	15
16787	Nil	-
16788	Nil	-
16789	Nil	-
16790	29	-
16791	Nil	-
16792	3	-
16793	Nil	-
16794	5	Nil
16795	22	-
16796	2	-
16797	Nil	-

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2W-3302-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-26-02 by .

Sample Number	Au PPB	Au Check PPB
16798	5	-
16799	Nil	-
16800	9	-
16801	21	17
16802	Nil	-
16803	Nil	-
16804	5	-
16805	3	-
16806	Nil	-
16807	10	-
16808	Nil	-
16809	Nil	-
16810	7	-
16811	2	-
16812	Nil	-
16813	Nil	-
16814	17	24
16815	7	-
16816	22	-
16817	12	-
16818	24	-
16819	2	-
16820	10	-
16821	Nil	-
16822	24	-
16823	3	-
16824	21	9
16825	Nil	-
16826	7	-
16827	5	-

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2W-3302-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: [illegible]

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-26-02 by .

Sample Number	Au PPB	Au Check PPB
16828	3	-
16829	Nil	-
16830	10	-
16831	14	-
16832	Nil	-
16833	9	-
16834	3	-
16835	Nil	-
16836	17	17
16837	2	-
16838	2	-
16839	7	-
16840	10	-
16841	Nil	-
16842	Nil	-
16843	Nil	-
16844	Nil	-
16845	12	-
16846	3	-
16847	3	-
16848	Nil	-
16849	5	-
16850	Nil	-
16851	24	-
16852	2	-
16853	Nil	-
16854	5	-
16855	3	5
16856	10	-
16857	14	-

Certified by Denis Thomas

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2W-3382-DEC1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 67 Core samples submitted NOV-26-02 by .

Sample Number	Au PPB	Au Check PPB
16858	14	-
16859	19	-
16860	12	-
16861	21	-
16862	22	-
16863	Nil	-
16864	Nil	-

Certified by Denis Thanter

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File 3320-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 63 Core samples submitted NOV-28-02 by .

Sample Number	Au PPB	Au Check PPB
16865	3	-
16866	14	-
16867	26	-
16868	26	27
16869	Nil	-
16870	Nil	-
16871	10	-
16872	22	-
16873	3	-
16874	9	-
16875	2	-
16876	62	-
16877	34	-
16878	5	-
16879	9	-
16880	14	-
16881	33	-
16882	19	-
16883	7	-
16884	3	-
16885	Nil	-
16886	29	31
16887	17	-
16888	45	-
16889	2	-
16890	26	-
16891	45	-
16892	24	-
16893	62	-
16894	14	-

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2W-3320-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 63 Core samples submitted NOV-28-02 by .

Sample Number	Au PPB	Au Check PPB
16895	38	-
16896	26	-
16897	7	-
16898	31	31
16899	27	-
16900	22	-
16901	31	-
16902	29	-
16903	17	-
16904	65	41
16905	34	-
16906	Nil	-
16907	10	-
16908	Nil	-
16909	Nil	-
16910	19	-
16911	7	-
16912	41	-
16913	Nil	-
16914	Nil	-
16915	14	-
16916	14	-
16917	9	3
16918	Nil	-
16919	Nil	-
16920	5	-
16921	24	-
16922	Nil	-
16923	12	-
16924	7	-

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2W-0320-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-04-02

We hereby certify the following Geochemical Analysis of 63 Core samples submitted NOV-28-02 by .

Sample Number	Au PPB	Au Check PPB
16925	Nil	-
16926	2	-
16927	Nil	-

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2W-0351-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-05-02

We hereby certify the following Geochemical Analysis of 56 Core samples submitted NOV-30-02 by .

Sample Number	Au PPB	Au Check PPB
16928	21	26
16929	9	-
16930	Nil	-
16931	Nil	-
16932	Nil	-
16933	17	-
16934	Nil	-
16935	Nil	-
16936	Nil	-
16937	Nil	-
16938	Nil	-
16939	Nil	-
16940	146	122
16941	Nil	-
16942	Nil	-
16943	Nil	-
16944	Nil	-
16945	Nil	-
16946	17	27
16947	24	-
16948	14	-
16949	Nil	-
16950	Nil	-
16951	10	-
16952	5	-
16953	Nil	-
16954	Nil	-
16955	Nil	-
16956	Nil	-
16957	Nil	-

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2W-3351-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-05-02

We hereby certify the following Geochemical Analysis of 56 Core samples submitted NOV-30-02 by .

Sample Number	Au PPB	Au Check PPB
16958	Nil	-
16959	Nil	-
16960	15	-
16961	Nil	-
16962	Nil	-
16963	Nil	-
16964	31	-
16965	5	-
16966	17	-
16967	21	-
16968	45	-
16969	111	89
16970	Nil	-
16971	Nil	-
16972	Nil	-
16973	Nil	-
16974	2	-
16975	Nil	-
16976	27	41
16977	Nil	-
16978	12	-
16979	10	-
16980	Nil	-
16981	Nil	-
16982	10	-
16983	12	-

Certified by Denis Chrétien

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2W-3352-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-05-02

We hereby certify the following Geochemical Analysis of 25 Core samples submitted NOV-30-02 by .

Sample Number	Au PPB	Au Check PPB
16984	17	-
16985	Nil	-
16986	Nil	2
16987	Nil	-
16988	5	-
16989	Nil	-
16990	17	-
16991	15	-
16992	Nil	-
16993	43	-
16994	67	-
16995	5	-
16996	79	69
16997	14	-
16998	Nil	-
16999	21	-
17000	48	-
13001	Nil	-
13002	Nil	-
13003	24	-
13004	Nil	-
13005	12	-
13006	33	-
13007	17	-
13008	Nil	-

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2W-3398-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-10-02

We hereby certify the following Geochemical Analysis of 48 Core samples submitted DEC-05-02 by .

Sample Number	Au PPB	Au Check PPB
13009	46	38
13010	Nil	-
13011	5	-
13012	5	-
13013	7	-
13014	10	-
13015	7	-
13016	31	-
13017	17	-
13018	48	-
13019	5	-
13020	5	-
13021	3	-
13022	27	-
13023	Nil	-
13024	10	-
13025	15	-
13026	29	-
13027	38	81
13028	Nil	-
13029	15	-
13030	5	-
13031	Nil	-
13032	Nil	-
13033	Nil	-
13034	Nil	-
13035	Nil	Nil
13036	Nil	-
13037	Nil	-
13038	Nil	-

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2W-3398-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-10-02

We hereby certify the following Geochemical Analysis of 48 Core samples submitted DEC-05-02 by .

Sample Number	Au PPB	Au Check PPB
13039	9	-
13040	Nil	-
13041	Nil	-
13042	Nil	-
13043	Nil	-
13044	14	-
13045	9	-
13046	22	-
13047	36	-
13048	51	53
13049	9	-
13050	26	-
13051	17	-
13052	7	-
13053	10	5
13054	12	-
13055	31	-
13056	Nil	-

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2W-3399-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-10-02

We hereby certify the following Geochemical Analysis of 44 Core samples submitted DEC-05-02 by .

Sample Number	Au PPB	Au Check PPB
13057	2	-
13058	19	15
13059	3	-
13060	5	-
13061	17	-
13062	3	-
13063	15	-
13064	Nil	-
13065	Nil	-
13066	Nil	-
13067	Nil	-
13068	82	98
13069	29	-
13070	24	-
13071	5	-
13072	21	-
13073	Nil	-
13074	Nil	-
13075	Nil	-
13076	29	24
13077	Nil	-
13078	Nil	-
13079	36	-
13080	26	-
13081	29	-
13082	2	-
13083	Nil	-
13084	Nil	-
13085	Nil	-
13086	Nil	-

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2W-3399-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-10-02

We hereby certify the following Geochemical Analysis of 44 Core samples submitted DEC-05-02 by .

Sample Number	Au PPB	Au Check PPB
13087	Nil	-
13088	Nil	-
13089	Nil	-
13090	Nil	-
13091	Nil	-
13092	5	-
13093	17	7
13094	5	-
13095	Nil	-
13096	17	-
13097	2	-
13098	Nil	-
13099	Nil	-
13100	Nil	-

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2W-3411-RG1

Company: **1519864 ONTARIO LTD**
Project: YD MATACHEWAN
Attn:

Date: DEC-12-02

We hereby certify the following Geochemical Analysis of 27 Core samples submitted DEC-06-02 by .

Sample Number	Au PPB	Au Check PPB
13101	Nil	-
13102	5	-
13103	24	-
13104	33	24
13105	Nil	-
13106	14	-
13107	5	-
13108	Nil	-
13109	12	-
13110	27	-
13111	12	-
13112	Nil	-
13113	10	12
13114	3	-
13115	10	-
13116	14	-
13117	9	-
13118	15	-
13119	Nil	-
13120	17	-
13121	31	27
13122	15	-
13123	86	99
13124	21	-
13125	24	-
13126	2	-
13127	3	-

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2W-3442-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 66 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13128	Nil	-
13129	Nil	-
13130	Nil	-
13131	Nil	-
13132	2	-
13133	Nil	-
13134	2	-
13135	7	3
13136	Nil	-
13137	3	-
13138	3	-
13139	5	-
13140	7	-
13141	9	-
13142	3	-
13143	Nil	-
13144	Nil	-
13145	Nil	-
13146	Nil	-
13147	Nil	-
13148	2	-
13149	Nil	-
13150	3	-
13151	2	-
13152	Nil	-
13153	7	-
13154	7	-
13155	2	-
13156	10	3
13157	Nil	-

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2W-3442-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 66 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13158	Nil	-
13159	Nil	-
13160	Nil	-
13161	3	-
13162	2	-
13163	10	-
13164	14	10
13165	2	-
13166	7	-
13167	3	-
13168	5	-
13169	Nil	-
13170	Nil	-
13171	5	-
13172	Nil	-
13173	Nil	-
13174	Nil	-
13175	3	-
13176	10	-
13177	Nil	-
13178	15	-
13179	Nil	-
13180	Nil	-
13181	Nil	-
13182	17	-
13183	14	-
13184	7	9
13185	10	-
13186	12	-
13187	2	-

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2W-3442-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 66 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13188	Nil	-
13189	Nil	-
13190	3	-
13191	2	-
13192	5	-
13193	12	-

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-3443-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 62 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13194	Nil	-
13195	Nil	-
13196	Nil	-
13197	10	14
13198	9	-
13199	9	-
13200	9	-
13201	Nil	-
13202	Nil	-
13203	Nil	-
13204	12	-
13205	Nil	-
13206	Nil	-
13207	21	-
13208	Nil	-
13209	10	-
13210	Nil	-
13211	7	-
13212	Nil	-
13213	3	-
13214	Nil	-
13215	17	-
13216	12	-
13217	Nil	-
13218	Nil	-
13219	5	-
13220	Nil	-
13221	31	-
13222	21	15
13223	12	-

Certified by Denis Chantha

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Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 62 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13224	12	-
13225	14	-
13226	19	7
13227	15	-
13228	Nil	-
13229	2	-
13230	3	-
13231	2	-
13232	2	-
13233	Nil	Nil
13234	7	-
13235	2	-
13236	2	-
13237	5	-
13238	Nil	-
13239	Nil	-
13240	Nil	-
13241	Nil	-
13242	5	-
13243	5	19
13244	2	-
13245	3	-
13246	Nil	-
13247	Nil	-
13248	Nil	-
13249	5	-
13250	7	-
13251	2	Nil
13252	5	-
13253	2	-

Certified by Denis Chartrand

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2W-3443-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 62 Core samples submitted DEC-11-02 by .

Sample Number	Au PPB	Au Check PPB
13254	2	-
13255	9	-

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2W-3467-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 18 Core samples submitted DEC-12-02 by .

Sample Number	Au PPB	Au Check PPB
13256	31	-
13257	7	-
13258	14	-
13259	Nil	-
13260	51	-
13261	14	-
13262	34	27
13263	22	-
13264	27	-
13265	Nil	-
13266	63	-
13267	21	-
13268	19	-
13269	Nil	-
13270	Nil	-
13271	5	-
13272	12	-
13273	Nil	-

Certified by Denis Chartrand

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2W-3485-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 46 Core samples submitted DEC-13-02 by .

Sample Number	Au PPB	Au Check PPB
13274	31	-
13275	38	45
13276	Nil	-
13277	Nil	-
13278	Nil	-
13279	Nil	-
13280	Nil	-
13281	7	-
13282	27	-
13283	Nil	-
13284	Nil	-
13285	26	-
13286	26	26
13287	Nil	-
13288	7	-
13289	3	-
13290	21	-
13291	Nil	-
13292	19	-
13293	15	-
13294	Nil	-
13295	10	-
13296	12	3
13297	14	-
13298	9	-
13299	10	-
13300	Nil	-
13301	Nil	-
13302	10	-
13303	22	-

Certified by Denis Thomas

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2W-3485-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-19-02

We hereby certify the following Geochemical Analysis of 46 Core samples submitted DEC-13-02 by .

Sample Number	Au PPB	Au Check PPB
13304	5	-
13305	9	-
13306	Nil	-
13307	Nil	-
13308	Nil	-
13309	Nil	-
13310	2	-
13311	12	-
13312	7	-
13313	5	-
13314	41	-
13315	34	-
13316	7	-
13317	7	14
13318	7	-
13319	7	-

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Geochemical Analysis Certificate

2W-3491-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-20-02

We hereby certify the following Geochemical Analysis of 36 Core samples submitted DEC-15-02 by .

Sample Number	Au PPB	Au Check PPB
13320	2	-
13321	3	-
13322	Nil	-
13323	33	65
13324	Nil	-
13325	17	-
13326	5	-
13327	Nil	-
13328	19	-
13329	Nil	-
13330	2	-
13331	Nil	-
13332	Nil	-
13333	Nil	3
13334	Nil	-
13335	Nil	-
13336	12	-
13337	39	45
13338	7	-
13339	2	-
13340	Nil	-
13341	Nil	-
13342	55	-
13343	2	-
13344	3	-
13345	2	-
13346	12	-
13347	2	-
13348	Nil	-
13349	3	-

Certified by Denis Charette

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Geochemical Analysis Certificate

2W-3491-RG1

Company: **1519864 ONTARIO LTD**
Project: YD Matachewan
Attn: T. Obradovich

Date: DEC-20-02

We hereby certify the following Geochemical Analysis of 36 Core samples submitted DEC-15-02 by .

Sample Number	Au PPB	Au Check PPB
13350	5	Nil
13351	3	-
13352	Nil	-
13353	7	-
13354	Nil	-
13355	Nil	-

Certified by Denis Chartrand

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01
Collar Eastings: 5905.00
Collar Northings: 2911.00
Collar Elevation: 7980.00
Grid: 2002 Imperial
Dates: Oct. 28-31/02

Collar Inclination: -45.00
Grid Bearing: 1.00
Final Depth: 816.90 feet
POWELL TP. CLAIM: MR 5380 L59+05E/29+11N
Grid North 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 2, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.00	6.49	Casing in overburden								
6.49	15.2	Altered Metavolcanic very blocky and locally Fe-oxide stained core of m-c gr dolomitized and dolomite stringered mafic volcanic; brown, green & grey mottled A6, green chl strs 1-2% pyrite 6.9-7.8: ground & lost core 7.8-8.8 Fe-carbonate, brown stained, metavolcanic 8.8-9.5 CV dev parallel to schistosity @54dca- no significant mineralization 9.5-10.4 strong carbonatization , weak chlorite as stringers developed parallel to schistosity 10.4- approx. 13.0 ground & lost core 13.0-13.8 strong carbonate & bleached metavolcanic , 2% fine grained pyrite 13.8-14.2 broken brown water seam 14.2-15.2 carbonatized metavolcanic, dolomite as ground mass & stringers Grades into:								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
15.2	18.75	Mafic Tuff & Intercalated Interflow Sediments	16001	13.80	18.75	4.95	34			
		green, fine grained moderate white alteration spots- calcite, mafic ash tuff thickly intercalated with 20% thinly laminated dark grey graphitic? thin laminations of highly disrupted mudstone lamella								
		18.0-18.3 ground & lost core								
		Grades into:								
18.75	27.8	Altered Mafic Metavolcanic	16002	18.75	21.00	2.25	82			
		green, fine - medium grained, weakly foliated & moderately sheared	16003	21.80	24.80	3.00	67			
		with ca's undulating down core from 25-0 dca	16004	24.80	27.80	3.00	62			
		GNDMASS: moderate fine grained WAC (white alteration spots-cc), c4, green chl 4, 30% white-cream qtz-carbonate stringers								
		2-4% fine- very fine grained disseminated pyrite throughout								
27.8	28.2	Fault								
		broken & blocky seams & minor rock fragments								
		50% lost core- upper & lower contacts, very irregular								
		moderate brown Fe-oxide								
28.2	30.6	Altered Metavolcanics								
		(as 18.75-27.8) fine grained, grey								
		Trace-15% fine & medium grained pyrite, gen subparallel to schistosity								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bottom contact- undulating at 40 dca								
30.6	36.7	Intercalated Mafic Tuff & Minor Mudstone green, fg, thinly laminated, moderately foliated, lithic ash tuff & minor intercalated thin layer of medium - dark grey graphitic mudstone seams foliation moderately contorted & kinked into broad open "Z" folds, weak flaming indicating stratigraphic tops face downhole C4, green chl, rare cross cutting white cc threads & knots Trace fine grained pyrite overall to locally 1% pyrite fine & medium grained /0.8ft botttom contact sharp & cross cutting @ 148 dca								
36.7	60.5	Carbonatized Ultramafic Volcanics grey, medium- coarse grained, strong carbonate gndmass, massive to weakly foliated ultra mafic volcanics Foliation 20-0 dca, locally weakly fuchsite altered C6-4 gndmass throughout & coarse grained WAC trace A1 very weak, locally spotty fuchsite (Fuch1) at: 36.7-2.9, 50.5-51.5 and Fuch 2 at 54.7-57.6 ass'd with brown water seam 37.5-37.5 5% coarse grained disseminated pyrite as weak disseminated bands parallel to schistosity	16005	36.70	40.00	3.30	456	537		
			16006	40.00	42.90	2.90	334			
			16007	43.70	47.00	3.30	2335	2314		
			16008	47.00	50.50	3.50	84			
			16009	50.50	51.50	1.00	261			
			16010	51.50	54.70	3.20	120			
			16011	54.70	57.60	2.90	1502	1546		
			16012	57.60	60.50	2.90	141			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		41.6 brown water seam 42.9-43.7 broken & blocky core 43.7-47.0 coarse, blocky clast supported breccia band								
		Grades into:								
60.5	78.7	Carbonatized Ultra Mafic Volcanic medium-pale grey, very fg, aphanitic, massive, locally flow banded with thermal fractures crackled filled with cabonate thds	16013 16014	60.50 62.70	62.70 67.00	2.20 4.30	2597 231	2057		
		C2, A1-2, trace talc 60.5-61.2 trace fuch 1 associated with irregular bleach bands & 2% fine grained pyrite 62.1-62.5 fuch 1, 4% very fine grained trace fine grained disseminated pyrite throughout & locally 1-2% fine & medium grained pyrite/4 ft								
		Grades into:								
78.7	85.4	Carbonatized Ultra Mafic Volcanic (as 36.7-60.5)								
		Foliation at 20 dca								
		C2, trace A1, medium - coarse grained WAC (white alteration spots - calcite)								
		Trace coarse grained disseminated pyrite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Grades into:								
85.4	141.7	Mafic Volcanic medium green grey, aphanitic-fine grained & occasional medium grained, thickly bedded massive flows showing occasional weak flow banded/foliation at 30-5dca, overall 1-2% dark grey quartz & grey carb stringers & threads developed parallel to foliation & occasional vague silicification patches/0.1-0.2 ft. C2, trace-nil A1, weak green chlorite occasional dark green sericite laminations & patches, locally weakly serquinitic no significant mineralization 95.25-95.45 dark grey & white brecciated qc vlt TC at 45, BC at 25 dca bottom contact sharp at 69 dca								
141.7	150.6	Carbonatized Ultra Mafic Volcanic medium & pale grey, cg, massive to very weakly foliated @ 27 dca, lower contact chilled over 2 ft C1-2, weak sericite bottom contact sharp & undulating @ 15dca								
150.6	166.3	Mafic Volcanic green, very fine grained, massive, fractured & banded & sealed with	16015 16016	146.50 151.50	151.50 156.50	5.00 5.00	36 3771	 3223		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		10-5% quartz-carbonate stringers & silicified patches @ 30-40 dca &	16017	156.50	161.50	5.00	387			
		occasional 140 dca	16018	161.50	166.30	4.80	302	309		
		No significant carb noted, moderate green chlorite								
		Trace-2% pyrite overall								
166.3	169.9	Quartz Vein Zone	16019	166.30	169.40	3.10	204			
		pale grey, fine grained, massive, irregular quartz & trace carbonate								
		veins @ 0.1-1.2 ft intercalated with green chloritic mafic volcanic								
		(as above) as irregular ribbon veins @ 65 dca,								
		overall 75% quartz with 1% tourmaline @ upper contact								
		Trace fuchsite at veinlet walls locally								
		3% py								
		grades@ 45dca into:								
169.9	232.7	Mafic Breccia/ Lap Tuff	16020	169.40	175.00	5.60	549			
		green and white, fine grained, matrix supported monolithic breccia -	16021	175.00	180.00	5.00	123			
		possibly pillow breccia /lap. tuff	16022	180.00	185.00	5.00	115			
			16023	185.00	188.00	3.00	27			
		matrix- very fine grained, increasingly chloritic with occasional	16024	188.00	191.00	3.00	51			
		p. green carbonated thin to thick laminated ash tuff hosting 20-40%	16025	191.00	196.00	5.00	250			
		pale green to white subround & occasionally subangular altered	16026	196.00	200.00	4.00	57			
		volcanic clasts	16027	200.00	205.00	5.00	50			
			16028	205.00	210.00	5.00	45			
		no significant grading	16029	210.00	215.00	5.00	5			
			16030	215.00	220.00	5.00	74	65		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		well developed foliation/ schistosity locally knotted & undulating	16031	220.00	225.00	5.00	33			
		from 25-55 dca as open "Z" folds 1.5-+5 ft wide	16032	225.00	229.00	4.00	45			
			16033	229.00	232.70	3.70	43			
		No significant carbonate								
		matrix green chl6								
		clasts- nil-trace chlorite,								
		Overall 1-2% pyrite, locally 5% pyrite, minor sugary qtz-carb								
		191.2-192.2 50% white sugary quartz, irregular spts								
		193.0-193.07 white quartz stringer @ 70 dca spts								
		193.0-194.3 90% quartz grey and white with carbonate								
		TC @ 90 dca, bottom contact xcutting at 120dca								
		195.1-195.45 95% sugary quartz vein parallel to schistosity 55 dca								
		203.65-203.95 95%grey medium grained quartz vein @60 dca, cross								
		cutting foliation of 47 dca								
		217.3-217.6 99% grey qv about 89dca xcutting fol'n of 50dca								
		232.7 bottom contact on minor chloritic fault zone @ 52 dca								
232.7	310.0	Altered Sandstone	16034	232.70	235.00	2.30	2			
		medium mottled yellow-grey, brown green and grey,f-mg	16035	235.00	240.00	5.00	51			
		re-crystallized sandstones- no original textures	16036	240.00	245.00	5.00	50			
		weakly fractured and stained locally with black chlorite threads or	16037	245.00	250.00	5.00	84			
		cross cutting irreg. black chlorite breccia stringers <0.1 to 0.001	16038	250.00	255.00	5.00	45			
		and threads	16039	255.00	260.00	5.00	69			
			16040	260.00	265.00	5.00	151	158		
		Weak foliation throughout, average 45-50 dca	16041	265.00	270.00	5.00	39			
			16042	270.00	275.00	5.00	63			
		No significant carbonate, weak green chl 1,trace occasional slip	16043	275.00	280.00	5.00	14			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		fuchsite, minor creamy carbonate threads & stringers, weak seritic	16044	280.00	285.00	5.00	50			
		1/2, moderate silicification throughout, local black chlorite slips	16045	285.00	290.00	5.00	17			
		& breccia stringers cross cutting throughout	16046	290.00	295.00	5.00	NIL			
			16047	295.00	300.00	5.00	27			
		Fine and occasion medium grained disseminated pyrite 2-+5% thro	16048	300.00	305.00	5.00	24			
			16049	305.00	310.00	5.00	31			
		232.7-240.0 brown-grey, increasing re-xtalized sandstone & occ. black chlorite stringers, Grades into:								
		240.0-242.0 carbonate knotted, weak chlorite-sericite unit - similar to carbonate-chl schist above								
		bottom contact sharp but stepped & irregular approx. 65 dca; grades into:								
310.0	415.8	Altered Sandstone	16050	310.00	315.00	5.00	33			
		mottled medium yellow green to grey, fine to medium grained,	16051	315.00	320.00	5.00	24			
		sandstone with occasional subangular pebble/clasts (<1%),	16052	320.00	325.00	5.00	62	60		
		moderately fractured and sealed with black chlorite threads	16053	325.00	330.00	5.00	31			
		and/or white quartz carbonate stringers and knots occasionly	16054	330.00	335.00	5.00	22			
		rimmed by black chlorite threads	16055	335.00	340.00	5.00	9			
		chl thds as irregular network	16056	340.00	345.00	5.00	41			
		faint foliation/cleavage averages 50 dca	16057	345.00	350.00	5.00	27			
		moderate jointing @ 35-40, 80 &155	16058	350.00	355.00	5.00	26			
			16059	355.00	360.00	5.00	21			
		cc 2, A0-1 as very weak groundmass & occasional cross cutting	16060	360.00	365.00	5.00	2			
		threads, sericite 2, green chl 1-2, chlorite increasing downhole	16061	365.00	370.00	5.00	34			
			16062	370.00	375.00	5.00	10			
		1-3% fine and medium grained disseminated pyrite throughout with	16063	375.00	380.00	5.00	NIL			
		occasional minor SMS-WSMS disseminated cross cutting pyrite bands/	16064	380.00	385.00	5.00	22			
		stringers irregularly throughout associated with chlorite threads	16065	385.00	390.00	5.00	26			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16066	390.00	395.00	5.00	26			
		bottom contact at 66 dca sharp on tight slip	16067	395.00	400.00	5.00	75	70		
			16068	400.00	405.00	5.00	55			
			16069	405.00	410.00	5.00	141			
			16070	410.00	413.00	3.00	70			
			16071	413.00	415.80	2.80	36			
415.8	418.0	Contact Zone	16072	415.80	418.00	2.20	15			
		mottled dark grey & pink medium and coarse grained, partially melted & syenitized sediments, no significant fabric- possibly bit swirled								
		No significant carbonate, minor silicification/carb knots								
		No significant mineralization								
		Grades over 0.2ft into								
418.0	424.4	Syenite	16073	418.00	421.00	3.00	5			
		medium brownish -red & minimum green, fine grained, massive syenite, fractured and sealed with qtz-carb and occasional irregular medium dulled green clay alteration threads	16074	421.00	424.40	3.40	84			
		No significant carb, green chlorite laminates as minor swirls, patches and bands, white quartz- carbonate as irregular threads, knots, and flamed vlts increasing downhole								
		No significant mineralization								
		Bottom contact sharp @ 65 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
424.4	431.8	Altered Sandstone	16075	424.40	427.00	2.60	17			
		yellow-grey, fine to medium grained, massive, recrystallized	16076	427.00	428.90	1.90	10			
		sandstone, minor quartz carbonate thds, no significant fabric	16077	428.90	431.80	2.90	14			
		No significant carbonate ground mass								
		calcite 1 as quartz /calcite veinlets and threads								
		Trace fine grained, disseminated pyrite throughout with 3-4% pyrite								
		ass'd with quartz carbonate veins at 427-431.8 at lower contact								
		427.0-428.9 40% quartz calcite veins,veinlets and stringers, white								
		and pale grey, mod. coarse grained tourmaline @ 25 & 45 dca								
		431.8 vague bottom contact partly melted on broken core								
431.8	436	Syenite	16078	431.80	436.00	4.20	39	34		
		brownish-red, fine grained, massive, moderately fine chlorite								
		threads thro, moderate quartz threads and knots throughout 5%								
		very blocky & wkly broken core								
		Calcite 2 alteration								
		No significant mineralization								
		bottom contact undulating & partly melted @ 45 dca								
436.0	458.9	Altered sandstone	16079	436.00	438.90	2.90	5			
		medium to buff grey, fine grained, massive, bit mottled and	16080	438.90	442.00	3.10	24			
		and re-xtalized sandstone, very weak rare cleavage @ 45	16081	442.00	445.00	3.00	132			
			16082	445.00	450.00	5.00	15			
		C2 throughout	16083	450.00	455.00	5.00	19			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A1 as minor carb threads - irregular & trace groundmass	16084	455.00	458.90	3.90	14			
		trace sericite groundmass, trace chlorite threads and stringers								
		1-10% fine and medium grained pyrite disseminated throughout and developed locally as irregular diss.WSM stringers @ 45 + 0 dca								
		Bottom contact on cross cutting scour								
458.9	490	Grey Temiskaming Sediments	16085	458.90	463.00	4.10	105			
		medium and pale grey , fine and medium grained, moderately	16086	463.00	465.00	2.00	91			
		recrystallized sandstone - no original textures although occcasional	16087	465.00	470.00	5.00	45			
		sections may show vague parasitic and pyritic folds of possibly	16088	470.00	475.00	5.00	98	99		
		original bedding planes	16089	475.00	480.00	5.00	45			
		weak foliation @ 45-65 dca	16106	480.00	485.00	5.00	14			
			16107	485.00	490.00	5.00	22			
		C2 throughout								
		rare trace A1/0								
		2-4% disseminated fine and medium grained pyrite throughout and occcasional SMS pyrite stringers and threads as net vein stockwork @ 55 +130 or 80-90 or 45 dca								
		Grades into								
490.0	526.5	Hematitic Temiskaming Sediments	16108	490.00	495.00	5.00	24	21		
		pale pink hematitic sandstones (as above) intercalated with minor	16109	495.00	500.00	5.00	17			
		medium to thick beds, matrix supported pebble conglomerate	16110	500.00	505.00	5.00	10			
		-hetrolithic with green volcanic shards, sandstone rip-ups and	16111	505.00	510.00	5.00	41	43		
		occasional jasper/red chert, quartz and fuchsite fragments as noted	16112	510.00	515.00	5.00	33			
		below:	16113	515.00	520.00	5.00	27			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16114	520.00	524.50	4.50	19			
		C2	16115	524.50	526.50	2.00	74			
		nil to local rare Fe-carb threads rimming fragments								
		trace green chlorite fragments- aph shards								
		trace fuchsite								
		rare black chlorite breccia vent bands								
		1-4% fine and medium grained disseminated pyrite throuhgout								
		490.0-493.0 pebble conglomerate, grades finer over lower 0.4ft into								
		493.0-497.7 thinly banded green and pink pebbly sandstone- grades into								
		497.7-507.5 strongly hematitized altered sandstone, cracked and sealed with medium grey carbonate- chlorite threads and stringers throughout and pale grey clay alteration (minor, grades @ 60 dca into:								
		507.5-510.0 coarse, strongly altered conglomerate, foliation @ 60dca throughout; grading finer downhole; mod. green chlorite stringers and threads, Grades into								
		510.0-524.5 hematitic sandstone, occasional rare pebble, grey, minor black chlorite breccia bands @ 55 dca; grades into								
		524.5-526.5 red and green chlorite threaded , partly melted contact zone; Bottom contact approx. 50 dca								
526.5	536.2	Trachy Porphyry Syenite	16116	526.50	530.00	3.50	27			
		brown-red, fine grained syenite matrix with 30-40% coarse grained	16117	530.00	534.00	4.00	31			
		pink feldspar laths @ 60 dca, weakly frac'd and sealed with quartz	16118	534.00	536.20	2.20	67			
		stringers and knots								
		faint bottom contact @ 56 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		C2 ground mass								
		trace weak ankerite threads								
		trace weak black chlorite stringers								
		Moderate to weak quartz stringers and threads								
		1-4 % fine and medium grained disseminated py increasing downhole								
536.2	560.0	Altered Sandstone	16119	536.20	540.00	3.80	43	48		
		grey, fine grained, massive, recrystallized, no original textures,	16120	540.00	545.00	5.00	33			
		partial melting & recrystalization decreasing downhole,	16121	545.00	550.00	5.00	130	129		
		massive to locally faint kinked foliation in open "S" and "M" folds	16122	550.00	555.00	5.00	12			
		@ 45-55 dca to 5dca and minor reversals	16123	555.00	560.00	5.00	21			
		Calcite 2								
		occasional fuchsite clasts. Locally very faint hem.								
		minimum quartz-carb stringers and threads								
		1-4% fine and medium grained disseminated pyrite increasing downhole								
560.0	594.0	Altered Sandstone	16124	560.00	565.00	5.00	5			
		grey to pale brown-grey, recrystallized sed. (similar to above)	16125	565.00	570.00	5.00	24			
		increasing recrystallization and quartz / quartz carbonate Stringers	16126	570.00	575.00	5.00	22			
		increase downhole @ 30 +50 dca	16127	575.00	580.00	5.00	NIL			
		occasionally well preserved well rounded pebbles and dark grey	16128	580.00	585.00	5.00	NIL			
		mudstone rip up cobbles	16129	585.00	590.00	5.00	17			
			16130	590.00	594.00	4.00	21			
		C2, A2								
		Bottom contact sharp @ 38 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
594.0	595.0	Syenite pale pink and brown, medium grained, well fractured and sealed with fine quartz knots, chlorite threads and minor pyrite threads Average foliation subparallel to contacts bottom contact sharp @ 46 dca	16131	594.00	595.00	1.00	46			
595.0	596.8	Mafic Assimilation Zone medium- dark grey, medium to coarse grained,wkly foliated partly melted assimilation zone, bit lamprophyric with moderate developed white quartz carb stringers & threads parallel to foliation C4, A+4 Bottom contact sharp, undulating @ 28 dca	16132	595.00	596.80	1.80	45	36		
596.8	670.0	Altered Pebbly Sandstone mottled brown-grey, yellow brown, grey and locally pink banded, fine grained, increasing recrystalizing sediments locally - gritty and occ. showing well preserved well rounded pebbles and occ. dark grey flamed mudstone rip ups, pebbles and rare cobble and rare chert nodules C2, A2 decreasing at lower contact trace hemitite, minor quartz carb as irregular stringers & threads throughout 596.8-605.0 ctz contact zone: partly melted, hematitic, alteration decreasing downhole	16132	596.80	600.00	3.20	9			
			16134	600.00	605.00	5.00	24			
			16135	605.00	610.00	5.00	33			
			16136	610.00	615.00	5.00	21			
			16137	615.00	620.00	5.00	62			
			16138	620.00	625.00	5.00	46			
			16139	625.00	630.00	5.00	45			
			16140	630.00	635.00	5.00	34			
			16141	635.00	640.00	5.00	10			
			16142	640.00	645.00	5.00	21			
			16143	645.00	650.00	5.00	17			
			16144	650.00	655.00	5.00	15	21		
			16145	655.00	660.00	5.00	26			
			16146	660.00	665.00	5.00	22			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16147	665.00	670.00	5.00	14			
670	692.8	Altered Pebbly Sandstone (similar to above) rare bedding @52 dca preserved C2 1-2%, fg, disseminated pyrite & rare SMS pyrite stringers, threads crosscutting bottom contact sharp @ 60 dca								
692.8	696.4	Banded Chlorite- Carb Schist green & pale grey, fg, thick - thickly laminated, mod. Contorted & kinked chlorite schist - pos. fg, lithic ash tuff & intercalated calcitic mudstones, mod. banded & foliated CA's flip from 60 dca at TC to 110 dca at BC (bottom contact) but internally are "S" kinked in top half & "Z" kinked in lower half of section indicating that the unit is located in a minor fold nose Bottom contact on top of cg cross cutting quartz vein @ 41 dca								
696.4	704.1	Quartz Veined Altered Temiskaming Sediments mottled brown, pink & greenish grey, mg, stronly altered seds. , no original textures, quartz vein pale grey & irreg. white quartz-carb vein @ 115 & 95 dca average Trace calcite ground mass, A3 as minor bands associated with quartz veining								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace to locally 1/2% pyrite generally ass. With walls to qv's, 20% qtz-carb veins, stringers & irreg. patches								
		700.45-700.6- minor dark green chlorite bands @110dca								
		Bottom contact @ 110 dca on quartz veinlets								
704.1	709.4	Banded Chlorite- Carb Schist (as 692.8-696.4) increasingly sheared showing C-S fabric @706.0/1.5ft, C=129dca S=65dca showing dextral slip & CA's steeper downhole								
		C2								
		Trace rare specks pyrite, 1-2% later xcutting weak quartz stringers & knots								
		705.0 schistosity at 122dac								
		Bottom contact sharp @ 92 dca with minor "S" kinks in last foot								
709.4	767.1	Pebbly Sandstone mottled and banded brown, pinksh brown & dirty green-grey grading to medium green-grey downhole, mg, wkly chloritic ss and gritty ss with hetrolithic 1-10% matrix supported pebbles coarsely banded throughout; pebbles consist of mudstone, green volcanics, occ. fuchsite; volcanic pebbles increase downhole by content but are overall smaller showing finer grading downhole								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		No significant carb ground mass to trace calcite groundmass, chl 2, trace sericite?, <1% quartz carb stringers & threads xcutting								
		1-2% f & mg diss py throughout & locally minor xcutting diss py stringers <5%/0.1 ft								
		709.4-716 hem 2/4 716-740 hem trace/2								
		710.65-711 minor chl schist band @ 93 dca, bottom contact on broken core section								
		725.5 0.4 py stringers banded @ 73 dca parallel to foliation								
		741.0 bedding @ 65 dca								
		760 foliation @ 62 dca								
		Bottom contact sharp @ 70 dca rotation 90 clockwise								
767.1	777.3	Intercalated Chlorite Schist and Temiskaming Seds medium - thick bedded cls (as 692.8-696.4) intercalated with weakly banded pebbly Temiskaming seds (as above)								
		C2, minor xcutting chlorite threads								
		Trace - 1% py, fg								
		767.-769.6 chl shist avg CA= 65dca 769.6-769.7 pink syn'd sed. stringers @ 98 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		769.7-769.85 green chlorite schist wedge, bottom contact @ 57								
		769.85-770.2 pink & brown weakly syn'd sediments								
		770.2-770.4 chl schist band, irregular @ 90 dca								
		770.4-775.2 banded green, brown & pink seds, minor breccia carb stringers, quartz stringers & threads								
		775.2-777.6 green chl schist, local C-S fabric, c=60 s=150, 0 & 50 showing dextral movement								
		Bottom contact @135 sharp on top of minor quartz stringer								
777.6	816.9	Pebbly Temiskaming Sediments	16148	777.60	781.00	3.40	41			
		(similar to above)	16149	781.00	786.00	5.00	5	7		
		grey to locally brown-grey, gritty, f-mg, minor pebbles-rounded	16150	786.00	791.00	5.00	29			
		to subangular of subround volc clasts and rare minor subangular	16151	791.00	796.00	5.00	17			
		fuchsite; occ. cobbles 0.1-0.2ft well rounded	16152	796.00	797.30	1.30	46			
			16153	797.30	800.00	2.70	2			
		816.9 ft End of Hole (Drillers Report 249m)	16154	800.00	805.00	5.00	36			
		logged by: R.V. Zalnieriunas	16155	805.00	810.00	5.00	24			
		Nov.2/02	16156	810.00	815.00	5.00	10			
		on site, Matachewan, ON	16157	815.00	816.90	1.90	22			
		casing left in place								
		core stored at MCM No.3 shaft area								
		NB: values flagged + are assumed dip/bearings for mid-point plotting purposes								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-01

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
91.20	-43.00+	2.10+
182.40	-43.00	2.10
280.80	-40.60+	1.90+
379.20	-40.60	1.90
477.60	-40.40+	1.80+
576.00	-40.40	1.80
689.20	-37.90+	
802.40	-37.90	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02
Collar Eastings: 6198.00
Collar Northings: 2100.00
Collar Elevation: 7980.00
Grid: 2002 Imperial
Dates: Oct.31-Nov.1/02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 482.30 feet
POWELL TP; CL:MR5401 & 5380 L62E/21+00N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 3, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986)

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	3.7	Casing in bedrock- core recovery as follows: 0-2.9: metavolcanic -grey, aph, massive volc, no significant mineralization, no carb, wkly magnetic throughout 2.9-3.7: sheared, well foliated metavolcanic								
3.7	32.0	Mafic Volcanic medium - dark grey, mg, well foliated/ sheared @58dca, bit blocky, mod fractured & sealed with pale grey quartz / white & grey quartz-calcite stringers, threads, & knots & occ. rare pale grey qtz-epid stringers- all veins xcut foliation @ random orientations c2 a4 chl 2, mag wk-mod thro tr-1% diss py & occ. minor xcutting diss py bands Grades @ 63dca into:	16158	4.90	7.00	2.10	7			
			16159	7.00	12.00	5.00	15			
			16160	12.00	17.00	5.00	14			
			16161	17.00	22.00	5.00	51	48		
			16162	22.00	27.00	5.00	5			
			16163	27.00	32.00	5.00	12			
32.0	39.5	Feldspar Porphry stringered Mafic Volcanic foliated magnetic mafic volcanic (as above) intercalated with variably sheared, mottled grey & pink feldspar +/- quartz porphyry (quartz veining in matrix) as bands parallel to foliation & occ. irregular intruding fingers & lenses, foliation @ 70 dca c4, a4/2, no significant mineralization	16164	32.00	36.00	4.00	3			
			16165	36.00	39.50	3.50	15			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace - 1% diss f-cg py								
		BC at 40dca at base of grey xcutting & rotated 30 deg. clockwise qstr								
39.5	46.4	Feldspar Porphry	16166	39.50	42.50	3.00	5			
		grey & occ pink banded, cg, sheared/increasingly flow banded	16167	42.50	46.40	3.90	NIL			
		porph.; minor xcutting qtz-calcite stringers & threads								
		Bottom contact vague @ 60 dca parallel to foliation								
		c2-4, a4, feldspars shear rounded & sauseritized, weak hematite stringer bands								
		Trace vfg diss py								
46.4	68.5	Mafic Volcanic	16168	46.40	50.00	3.60	2			
		grey, f&mg, well foliated, (similar to 3.7-32.0)	16169	50.00	55.00	5.00	NIL			
		foliated/sheared @ 60dca	16170	55.00	60.00	5.00	NIL			
			16171	60.00	65.00	5.00	12			
		Undulating bottom contact @ 52 dca	16172	65.00	68.50	3.50	5			
		c2-1, a 5-6 minor grey bleach strs sub parallel to foliation & xcutting & occ. grey clay alteration patches & lens								
		Occ. specks, stringers threads of f-mg py								
68.5	246.9	Diabase								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		68.5-70.0: grey, aph chill zone- grades to								
		70.0-85.0: fg, massive, grey diabase, grades into								
		85.0-107.0: f & mg dia.								
		107.0-241.1: medium & occ. cg diabase,								
		bottom contact on slip? on broken core								
		241.4-246.9: fg- chill zone, bottom contact sharp & bit								
		undulating @ 31 dca								
		c1-2 @ top & bottom contact/5-10 ft.								
		variable weak - mod - nil mag throughout								
		mod- weak quartz-epid+/-carb stringer flats,								
		at 165-135 and 10-45 dca throughout								
		230-246.9: a 0-2								
		No significant mineralization								
146.9	289.0	Carbonitized & Veined Mafic Volcanic	16173	246.90	250.00	3.10	NIL			
		grey - greenish grey, fg, massive to mod. sheared looking mafic	16174	250.00	255.00	5.00	NIL			
		volcanic, strongly fractured & sealed with white qtz-calcite	16175	255.00	260.00	5.00	NIL			
		veinlets, stringers & thds, dev'd ptf 50 dca & xcutting 130-140	16176	260.00	265.00	5.00	NIL			
		dca or rotated 90 dca	16177	265.00	270.00	5.00	NIL			
			16178	270.00	275.00	5.00	NIL			
		c4, a 4-6	16179	275.00	280.00	5.00	3			
		qt-calcite veining	16180	280.00	285.00	5.00	5	10		
		locally v coarse blotchy pale grey bleac zone alteration patches	16181	285.00	288.50	3.50	NIL			
		No significant min								
		tr occ. fg, diss py grains or minor diss py in white qt-calcite								
		veinlets; sugary								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Bottom contact @ 150dca xcuts foliation on TC of quartz-calcite vein								
289.0	289.4	Quartz Carbonate Vein white & grey with + 30% fg calcite rimming quartz & <15% lithic wall rock	16182	288.50	289.40	0.90	NIL			
		No significant min.								
289.4	289.7	Ground & Blocky Core								
289.7	293.1	Silicified & Sheared Sediment? or Sheared & Silicified Mafic Dyke (contact zone?) dark & medium grey, aph- vfg, thinly laminated, sheared & partially recrystalized; mod schistosity @ 60dca throughout	16183	289.70	290.90	1.20	NIL			
		c2, a6 minor - mod bleach zone bands & stringers parallel to schistosity as weak seric alt/carb bleaching								
		splash mg elongated wispy cp on wall of 0.1 ft quartz stringer xcutting 115 dca 290.85 ft 5% mg diss py throughout								
293.1	315.0	Grey Mafic Dyke dark grey, aphanitic chilled, mod. fractured & sealed with irregular stringers, veinlets & threads qtz-calcite NB- veining & sulfides not as seen in diabase, probably older intrusion event or poss aph featureless mafic flow??	16184	290.90	293.50	2.60	5			
			16185	293.50	296.00	2.50	NIL			
			16186	296.00	300.00	4.00	3			
			16187	300.00	305.00	5.00	NIL			
			16188	305.00	310.00	5.00	5			
			16189	310.00	315.00	5.00	12			

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		c2 through out, a4 to 300 & then nil- tr non mag quartz veined & stringered 2-4% mg diss py thro to about 315.0ft 294.3-295.1: white massive bull quartz vein with minor calcite on fractures throughout, minor py @ walls TC vague & clay altered @ about 90 dca (BC) bottom contact @ 120 dca with clay/ seric alteration 311.0-314.7: 10% vcg round to elliptical quartz spotting wkly elongated at 35-25 dca & minor grey quartz threads / stringers @ 50 & 10 dca not amygduals rather looks like replacement spotting 314.7-315 quartz veinlet, white bull, <2% green chlorite wisps, contacts irreg., TC slipped in @ 88 dca bottom contact on quartz vein; Grades into								
315.0	361.1	Grey Mafic Dyke/ Volcanic Flow (as above) dark grey, aphanitic/fg, massive & featureless, wkly fractured & sealed with white quartz -calcite threads , & occ. stringer veinlets randomly oriented 315.0-350.0 c2, a trace/0 350-361.0 c2,a 0 Trace- few spks diss py throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		315.0-317.5: quartz spotting decreasing downhole								
		322.9-323.5: ground & LC (lost core)/ 0.6 ft								
		333.75-334.2: 0.3 ft white quartz -calcite veinlet, mod cg tour, sugary, vlt @ 144 dca								
		Walls show minor pale brown seric alteration/0.02 ft								
		346.6-346.85: 0.25 white quartz veinlet flat @ TC=128, BC= 100dca								
		361.1: Bottom contact @ 60 dca- vague								
361.1	417.3	Mafic Volcanic - Basalt								
		medium green-grey, mg, massive to locally wkly foliated @75-60 dca,								
		occ. dark green chlorite slips = shear planes or poss bed/pillow								
		contact rims (1-2mm only)								
		fg white alteration spots- calcite (WAC) throughout, c2, a0								
		1-3% irreg. quartz stringers & threads								
		rare silicification & buff seric alteration banding throughout								
		trace occ. m-cg py spks diss throughout to locally								
		3% mg diss py / <1ft as rare vague bands								
		386.9-387.0: <1% subround cherty buff alteration ball								
		397.5-400.6: green, coarse, matrix supported intercalated breccia band / flow top / pillow breccia bed								
		wkly foliated @ 60 dca= top &bottom contact								
		Grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
417.3	428.0	Streaky Basalt	16190	417.30	423.00	5.70	NIL			
		banded, medium green & pale green/buff (50/50), fg, weakly foliated	16191	423.00	428.00	5.00	NIL			
		@ 60-70 dca								
		"streaky" alteration of thin to thickly laminated ptf alternating								
		green chlorite and p.green carbonate-sericite laminations								
		c2, a1								
		weak WAC								
		Rare speck fg py								
428.0	428.8	Carbonate Alteration Band / strong Streaky Basalt								
		medium- pale grey vfg, weakly foliated & vaguely thinly laminated at								
		60 dca, rotates 90 to enclosing wall rock contacts								
		very strong destructive carbonate altered volcanic								
		A6, c2								
		Trace -few spks py								
		Grades into								
428.8	431.3	Streaky Basalt	16192	428.00	429.00	1.00	NIL			
		(as 417.3-428.0)	16193	429.00	431.30	2.30	NIL			
		trace calcite, weak white alteration spots- calcite, a 4-6								
		No significant mineralization								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
431.3	432.5	Carbonte Alteration Band/ Strong Streaky Basalt	16090	431.30	432.50	1.20	14			
		(similar to 428.0-428.8)								
		pale greenish grey to pale grey mottled, fg,								
		v weak banding @ 75 dca -80								
		A2-4								
		minor pale grey seric & silicification breccia stringers & patches								
		1% fg diss py, 2% quartz								
432.5	445.6	Streaky Basalt	16091	432.50	434.50	2.00	26			
		(similar to 417.3-428), strong carb. alteration	16092	434.90	440.00	5.10	22			
		medium & pale green-grey, foliation @70 dca	16093	440.00	445.60	5.60	2			
		C2, a4								
		mod white alteration spots- calcite, weak chlorite								
		rare pale grey qc breccia veins/ stringers								
		Trace- 1% fg diss py								
		434.15-434.9: ground & lost core(0.75ft)								
		437.0-439.4: blocky & partly ground core; loss <30%								
		441.1-442.7 blocky & partly ground core; loss <30%								
		bottom contact @ 80 dca on sharp alteration front								
445.6	476.9	Banded Grey Carbonate Alteration Zone	16094	445.60	448.40	2.80	2949			0.097
		pale grey, f-mg, massive recrystalized to weakly foliated volcanic	16095	448.40	449.50	1.10	257			
		intercalated with minor pale green chl-carb relic volcanic bands,	16096	449.50	454.50	5.00	1851	1543		0.045

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16097	454.50	458.40	3.90	93			
		C2, a4	16098	458.40	463.20	4.80	2983			0.085
		locally poss. dolomite banding @ 451-454	16099	463.20	467.00	3.80	1920			
			16100	467.00	470.00	3.00	3360	3429		0.100
		Variable 1-10% vf-cg py as coarse banding in pale grey carb zones,	16101	470.00	473.80	3.80	9223	9052		0.264
		no significant mineralization in chlorite zones	16102	473.80	474.70	0.90	926			
			16103	474.70	476.90	2.20	93121	94561	2.758	2.832
		445.6-448.4: pale grey, a6-c4 bands foliation @ 65, bottom contact = 70								
		448.4-449.5: chl-carb band, bottom contact=80								
		449.5-454.5 pale grey dolomite & calcite band, massive rare chlorite threads								
		454.5-458.4: green & grey banded chl-carb zone, streaky, sheared/foliated @ 70								
		458.4-463.2: th-med banded sheared buff carb & 50% chl-carb bands, CA's at about 90dca; Grades into								
		463.2-471.0: pale grey carb zone intruded & cut by ptygmatic irreg. approx 0.1-0.2 rhodisite-dolomite-& Fe.dolomite stringers running approx length of core at 0dca with wk pale brown seric alteration to walls ; stringers runs in & out of core, unit grades into								
		471.0-473.8: pale and medium buff grey carb zone, foliation @ 60 dca bottom contact @ 58								
		473.8-474.7: dark grey , sheared carb'd ultramafic metavolcanic, m-cg band, bottom contact @ 75dca								
		474.7-476.9: grey & buff green-grey carb zone, massive grades into								
476.9	482.3	Streaky Basalt	16104	476.90	477.90	1.00	758			
		green & locally medium banded buff & med buff-green, fg, aph	16105	477.90	482.30	4.40	111			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

foliated volcanic

c2, a4,
Weak white alteration spots- calcite
seric banding @ 80-30 dca

No significant mineralization

482.3 feet End of Hole
Logged by R.V. Zalnieriunas
November 3, 2002
on site at Matachewan

Survey Data Note:
values flagged with + are assumed mid-point dip/bearing

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
91.20	-43.40+	4.30+
182.40	-43.40	4.30
280.80	-40.80+	357.20+
379.20	-40.80	357.20
423.50	-40.00+	360.00+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH INCLINATION BEARING

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x
Collar Eastings: 6198.00
Collar Northings: 2100.00
Collar Elevation: 7980.00
Grid: 2002 Imperial
Dates: Nov.13/02 EXT'N Hole to M02-02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 650.20 feet
POWELL TP.; CL: MR 5401 & 5380 L62E/21+00NBQ Core by Heath & Sherwood (1986) In
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 18, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION
0	483.0	**previously drilled hole M02-02**
483.0	507.5	Pyritic & Quartz Veined Carbonate Alteration Zone
		pale grey, vfg, massive to locally thinly laminated +/ weakly
		banded strong destructive carbonate alteration zone, mineralized
		with vfg py threads, stringers, wisps & diss bands & white mg
		quartz+/-ank veins & minor stringers & knots
		weak foliation , locally knotted & swirled into open "s" folds
		A6,c0, (stains pink & no fizz with dilute HCL)
		variable f-vfg & localy mg diss py in carb zone & wisps and rare
		MS py threads dev'd on foliation planes with m-vcg diss
		subhedral to euhedral Py cubes in qtz-ank veins
		485.0 foliation @ 60 dca
		489.3-491.3 white, cg, banded quartz vein & minor carb wall
		breccia bands <3%; top contact @ 135 dca rotated 90
		clockwise xcutting foliation, bottom contact @ 95
		& 145 dca very irreg. Rotated 90, prob. flat
		494.0 foliation @ 60 dca
		4989.5-501.3 wkly brecciated & sealed, undulating open "M" kink
		fold, bottom contact very irreg on silicification patches
		@ 140 dca +0 dca rot approx 20 counter clockwise
		501.3-504.3 white, cg, pyritic quartz vein,
		bottom contact @ 156 dca rotated 10 counter clockwise

				ASSAYS			
SAMPLE No.	FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
16578	483.00	486.30	3.30	735			
16579	486.30	489.30	3.00	4937			0.139
16580	489.30	491.30	2.00	497			
16581	491.30	495.00	3.70	2674			0.072
16582	495.00	498.50	3.50	3665			0.122
16583	498.50	501.30	2.80	1267			0.040
16584	501.30	504.40	3.10	3223			0.104
	486.30	504.40	18.10	2877	N.A.	N.A.	0.085
16585	504.40	507.50	3.10	1193			0.034

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		507.5 bottom contact on sharp xcuttting aleration front @ 52 dca rotated 30 counter clockwise								
507.5	532.2	Carb'd & Weakly Sheared Mafic Volcanic	16586	507.50	510.00	2.50	518			
		medium & pale green grey, f-mg, thinly laminated to thickly	16587	510.00	515.00	5.00	27			
		laminated, medium sheared to weakly sheared & banded,	16588	515.00	520.00	5.00	9			
		increasingly recrystallized & matrix carb'd downhole,	16589	520.00	525.00	5.00	7			
		folded and altered volcanic- no original textures	16590	525.00	530.00	5.00	7			
		preserved, locally looks like strongly carb'd " strealy basalt"	16591	530.00	532.20	2.20	NIL			
		else as cooked & sheared massive volcanic								
		A6, c0/2 (stains pink,no fizz)								
		M0 cept @ 525-526=M1								
		medium to strong white alteration spots- calcite throughout								
		mod leacoxene throughout								
		No significant mineralization								
		527.2-527.4 Broken core - partly ground, no significant loss								
		531.7-531.9 ditto								
		bottom contact on ground & spun broken core section								
		- no significant loss, contact at approx 90 dca?								
532.2	560.9	Pyritic Carb'd Bleach Zone & Qtz Veining	16592	532.20	534.10	1.90	NIL			
		(similar to 483.0-507.5)	16593	534.10	537.00	2.90	3538			0.099
			16594	537.00	540.25	3.25	4850		0.133	
		532.2-537.0 a6-4 @ 535.5, c0-2 m0 grades into	16595	540.25	542.75	2.50	2381			0.064
		537.0-540.25 a0, c6, m0, strong cg SMS py stringers & bands	16596	542.75	547.75	5.00	34			
		associated with weak carb stringers & bleach zone bands	16597	547.75	549.60	1.85	2875			0.094

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		540.25-556.7 a6,c0/2?,m0, pale grey strong carb bleach zone & quartz veinlets		534.10	549.60	15.50	2417	N.A.	N.A.	0.068
			16598	549.60	551.00	1.40	1070			0.032
		556.7-560.1 a0, c6, m0 p.green bleach zone	16599	551.00	554.00	3.00	699			
			16600	554.00	556.70	2.70	543			
		Variable vvfg- vcg py throughout; py associated with qc knots & strs throughout or as diss grains	16601	556.70	560.10	3.40	5618		0.176	0.172
				556.70	560.10	3.40	5618	N.A.	0.176	0.172
		532.2-534.1 pale grey carb BZ (bleach zone), v weak fol'n 70dca, but overall generally massive, grades into:								
		534.1-540.2 carb BZ & weak pyritic quartz-carb stringers & sil bands 0.01 to 0.4ft at 80-60dca, good py thro as wisps, thds & diss. bands & cg anhedral-subhedral py patches ass'd with sil'n or qc veins, grades at 90dca into:								
		540.2-552.2 very pale grey carb breccia & mod qc veinlets, knots veins @ 541.15-541.7, 548.1-548.9,549.6-550.9 with ass'd heavy cg py, Grades into								
		552.2-560.1 pale to medium grey strong carb BZ, fine py diss & wisps throughout; bottom contact sharp & undulating as alteration front at approx 90dca								
		560.1-560.7 medium grey, weak carb BZ; Bottom contact sharp @54dca								
		560.7-560.9 white & grey coarse qc veinlet; minor wall breccia, sharp bottom contact @ 56 dca								
560.9	562.2	Chloritic & Strongly Altered Volcanic dark green, vfg with 5% p grey white alteration spots- calcite diss throughout, no texture remaining except carb spotting	16602	560.10	561.60	1.50	158			
		A0, cc6, m0								
		strong chlorite alteration front								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Nil py								
		Grades into								
562.2	600.4	Carbonatized & Weakly Sheared Mafic Volcanic	16603	561.60	565.00	3.40	NIL			
		(similar to 507.5-532.2)	16604	565.00	570.00	5.00	NIL			
		medium green grey, f&mg, weakly foliated, mod sheared,	16605	570.00	575.00	5.00	NIL			
		weak green chlorite threads on shear planes,	16606	575.00	580.00	5.00	NIL			
		strong carbonate recrystalization	16607	580.00	585.00	5.00	5			
		Looks like sheared masive volc flow/intrusive	16608	585.00	590.00	5.00	NIL			
			16609	590.00	595.00	5.00	2	3		
		A0 to a2, calcite	16610	595.00	599.20	4.20	NIL			
		variable mag 0-4, locally 6/3								
		diss leaucoxene								
		var calcite white alteration spots- calcite throughout & occ.								
		green white alteration spots- calcite, chlorite bands parallel to								
		schistosity								
		No significant mineralization								
		575.0 S1 foliation 65 and weak 80dca as S2								
		595.0 S1 at 135 rotated 60 clockwise								
		bottom contact strongly undulating/ scoured approx 80 dca overall								
600.4	650.2	Mafic Volcanic	16611	599.20	601.20	2.00	NIL			
		green, vfg, massive, thick banded, locally thermal fractured with	16612	601.20	605.00	3.80	12			
		occ. intercalated med-thick beds hylo tuff & breccia becoming pale	16613	605.00	610.00	5.00	NIL			
		grey & green banded & more altered downhole	16614	610.00	615.00	5.00	NIL			
			16615	615.00	620.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		overall = pilowed mafic volc sequence	16616	620.00	625.00	5.00	NIL			
			16617	625.00	630.00	5.00	NIL			
		more irreg white qcc threads, stringers, & bands develop sealing	16618	630.00	635.00	5.00	NIL			
		fractures & tuff beds throughout increasingly downhole	16619	635.00	640.00	5.00	NIL			
			16620	640.00	645.00	5.00	3	2		
		A4-6, calcite	16621	645.00	650.20	5.20	NIL			
		600.4-601.0 m0								
		601.0-640.2 m2-4								
		640.2-650.2 m0								
		No significant mineralization with minor fg py with qtz-calcite								
		stringers & occ vcg py cubes +/ subhedal diss bands mostly ass.								
		with pillow bx/tuff beds &/ stringer noduals								
		645.6-647.1 tuff & p breccia bed, CA's increasingly disrupted &								
		kinked @ 25 dca in top half of section with thermal cracks								
		@ 135 dca in lower half of section								
		650.2 ft End Of Hole (Drillers report 198m)								
		Hole terminated when bit played out								
		Logged by R.V. Zalnieriunas								
		Nov.18/02 on site								

Hole Survey Note:
values flagged + indicate assumed mid-point plotting points

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-02x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
91.20	-43.40+	4.30+
182.40	-43.40	4.30
280.80	-40.80+	357.20+
379.20	-40.80	357.20
423.50	-40.00+	360.00+
467.80	-40.00	360.00
551.45	-39.10+	356.30+
635.10	-39.10	356.30

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03
Collar Eastings: 7197.00
Collar Northings: 2300.00
Collar Elevation: 7965.00
Grid: 2002 Imperial
Dates: Nov.1-5/02

Collar Inclination: -45.00
Grid Bearing: 1.00
Final Depth: 1138.30 feet
POWELL TP.; CLAIM: MR 5401 L72E/23+00N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: November 7, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	78.7	Casing 0-74.6: tailings, overburden with heavy boulders at base 74.6-78.7: bedrock ledge- green carbonate with quartz stringers								
78.7	92.8	Carb'd and quartz-carb stringered Mafic Volcanic medium green, fg, massive to thickly laminated, either sheared mafic volcanic or mafic tuff, *strongly calcite carb banded & bleached* mod coarse white alteration spots- calcite, mod white irreg quartz-calcite wisps, threads, stringers, & broad diffuse carb bands cc6, ank 0-1, mag 3 to 0 mod green chl 4 No significant mineralization 81.0: open crenulated lam/tuff S0 bedding planes @ 30 dca 91.0: *carb banded & chlorite stringers @ 50 dca* Bottom contact @ 160 dca xcutting intrusion?	16194	80.00	85.00	5.00	NIL			
			16195	85.00	90.00	5.00	9	5		
			16196	90.00	92.80	2.80	NIL			
92.8	134.5	Magnetic Gabbro green, m-cg, massive, no significant fabric, occ xcutting irreg fine green chlorite wisps, mod. white qtz-calcite stringers &	16197	92.80	97.00	4.20	NIL			
			16198	97.00	98.50	1.50	NIL			
			16199	98.50	102.00	3.50	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		diffuse bands, spotty moderately magnetic to locally pervasive &	16200	125.00	130.00	5.00	NIL			
		strongly magnetic gabbro/ c-mg mafic flow - good marker horizon	16201	130.00	134.50	4.50	2			
		cc2, no significant ank, mag1-5/6								
		92.8-105 chilled contact grades from aphanitic to fg-mg downhole top 0.3ft weakly fractured and brecciated								
		98.2-98.5 cc cemented fault @ 35 dca, poss rotated approx 60 dca clockwise, weakly graphitic								
		131.5-134.5 fg, chill zone, weakly foliated/flow banded @ 50 dca								
		134.5 irreg flamed bottom contact @ 80 dca xcuts weak foliation of 50dca = alteration front								
134.5	163.2	Carb'd & Quartz Vein Alteration Zone	16202	134.50	137.00	2.50	NIL			
		typical "Otisse Ore" style p. grey destructive iron carbonate	16203	137.00	139.20	2.20	NIL			
		alteration zone, fg, massive	16204	139.20	143.00	3.80	NIL			
			16205	143.00	143.90	0.90	NIL			
			16206	143.90	146.60	2.70	26			
		ank6	16207	146.60	149.00	2.40	105			
			16208	149.00	150.10	1.10	279			
		no significant mineralization to 10% py ass. with central core	16209	150.10	153.10	3.00	199	209		
		of alteration (see sample notes)	16210	153.10	157.00	3.90	39			
			16211	157.00	160.70	3.70	17			
		134.5-137.0 pale grey, f-mg, carb zone, grading downhole	16212	160.70	163.20	2.50	7			
		to sheared & strongly carbonatized volcanic (green-grey) with weak foliation @ 60 dca rot approx 60 counterclockwise grades into:								
		137.0-137.9 90% white & cream qtz-calcite vein- walls very irreg & contorted, well developed. tour. as vfg ribbon coating vein @ TC/0.15'; Ank6, cc6; TC approx 50 dca, BC 40dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		137.9-139.2 pale grey strong carb zone , fg, massive to weakly sheared & foliated @ 60dca; fol/shear rotating to normal from upper vein wall , bottom contact (BC) at 60dca / 0.1ft 139.2-143.0 green, fg sheared looking volcanic, wk foliation @ 50 dca; no significant alteration, cc4-6; grades into 143.0-143.9 grey carb bleach zone (BZ) band at 60 dca, rotated 30deg counter clockwise to reg foliation plane, bottom contact sharp @ 60 dca; cc4-6 143.9-146.6 green fg, sheared, calcitic volcanic, alteration increasing downhole & grades into 146.6-149.0 green and pale green cc-chlorite schist, vfg, well cemented hosting 30-35 % pale grey & white qtz-cc stringers with local tourmaline walls; vein 0.1-0.3' with stringers & threads xcutting & rotating with resp. to schisty planes, bottom contact sharp, stepped & irregular @ 90 dca 149.0-150.1 volcanic, pale grey , increasing calcite alteration bands/breccia downhole ,faint bands/foliation @ 45dca, irreg bottom contact @ 70dca 150.1-153.1 green & pale grey , strongly carb'd volcanic hosting +40% white quartz +calcite veins & breccia bands, quartz decreasing downhole, best=0.25'TW, mineralized with f-cg diss py & occ SMS-MS py stringers generally ass.'d with vein walls; grades into: 153.1-163.2 pale green-grey f-mg, massive, strongly carb'd volcanic & occ. minor white qtz-cc stringers, veinlets & threads gen. oriented at 95-105 dca xcutting weak foliation of @ 45 dca bottom contact sharp @ 45 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
163.2	300.3	Magnetic Gabbro	16213	163.20	166.60	3.40	2			
		medium green, m-cg, massive to locally weakly foliated @ 40-35 dca	16214	166.60	171.60	5.00	NIL			
			16214	184.90	187.40	2.50	NIL			
		no significant mineralization	16216	208.00	211.00	3.00	NIL			
			16217	211.00	213.00	2.00	NIL			
		163.2-175.0 p-medium green, mod qt-calcite threads decreasing	16218	213.00	216.10	3.10	5			
		downhole; cc2 to trace, ank trace to 2, mag4	16219	216.10	216.80	0.70	33	27		
		175.0-184.9 green, cg gabbro, minor white qt-calcite threads	16220	216.80	218.00	1.20	7			
		calcite trace, ank4 mag4	16221	218.00	221.00	3.00	NIL			
			16576	290.00	295.00	5.00	2			
		184.9-187.4 green chl schist (cls) with intercalated +20% white	16577	295.00	300.30	5.30	NIL			
		quartz + calcite stringers & threads app 0.1-0.2; @ 70+80 dca,								
		poss interflow tuff bed? cc3, ank0 m1-3								
		187.4-199.0 green gabbro, cg, massive								
		Calcite tr,ank4,mag6								
		199.0-216.1 gabbro, thickly banded, cg & fg with minor 0.1' qtz-								
		calcite py stringer @ 212.2-212.3, py=15%, CA=70dca;								
		bottom contact @ 55 dca; calcite trace, ank4, mag3-5								
		216.1-216.8 calcite-quartz-py vein; massive, wkly chloritic								
		replacement band; 20% f & mg diss py throughout								
		bottom contact @ 75 dca								
		216.8-218.0 cg gabbro, grades into								
		218.0-254.3 cg gabbro, weak flow banding as half moons, occ pale								
		green quartz-epid stringers xcutting thro; cc2, ank6, M1-3								
		3-1% mg diss py decreasing downhole; grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		254.3-255.8 chilled contact, wkly brecciated; TC @ 40, BC @ 160 sharp (NB: stratigraphic tops face downward) cc2,ank4, mag0								
		255.8-300.3 mg & cg vv thick banded gabbro, occ quartz + qtz-epid stringers & veinlets Ank6,cc2,maglto0downhole								
		bottom contact very undulating & xcut @ 40 dca								
300.3	356	Diabase grey, vfg-mg, massive & magnetic, rare qtz-epid threads & stringers mainly dev'd as flats; cc2,ank4,mag4								
		bottom contact sharp @ 50 dca, poss rotated 90 clockwise								
356	375.5	Gabbro	16222	356.00	360.00	4.00	NIL			
		(Similar to 163.2-300.2)	16223	360.00	365.00	5.00	NIL			
		cg, massive, occ destructive Bleach zone bands/0.1 @ 40 dca	16224	365.00	370.00	5.00	NIL			
			16225	370.00	373.30	3.30	NIL			
		Cc2,ank4-6, mag3 to 1 & 0 downhole	16226	373.30	375.50	2.20	NIL			
		Bottom contact vague @ 45 dca								
375.5	465.0	Pillowed Mafic Volcanic	16227	375.50	380.00	4.50	14			
		Medium grey, aph & fg, massive thick bands, minor pillow salvages &	16228	380.00	385.00	5.00	5			
		occ interflow bx bands & sections of pillow breccia with	16229	445.00	450.00	5.00	19			
		haloclastite matrix usually replaced by white quartz-calcite flooding; Occ very weak foliation generally parallel to joints								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		@ 45-50 dca often rotating randomly								
		Ank4to2 down hole, cc2 with mod qt-calcite stringers throughout occ minor sil'n-epid bands overall mod spotty mag1-3 to 437.0 & then m0 to 465.0								
		Trace-rare vcg to mg diss py throughout; minor diss py @ TC decreasing downhole from 375.5-380, 2% overall/4.5'								
		grades into:								
465.0	530.0	Pillowed Mafic Volcanic (Similar to above) medium greenish grey, minor calcite + quartz filled amyg's, no significant fabric, mod thermal fractures sealed with 5-10% white quartz-calcite threads & irreg stringers & patches	16230	500.00	505.00	5.00	2			
		Ank0, cc2-4,+ 5-10% white qtz-calcite stringers & threads irreg & random throughout generally mag 0 with very minor mag1 sections/<1'								
		No significant mineralization cg cp slash 523.0 wall to qtz-c threads								
		Grades into								
530.0	548.0	Pillowed Mafic Volcanic (Similar to 465.0-530.0) Occ very thick massive sections= feeder dykes or drilling down pillow sack								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Ank0-ank1 @ 590-6112, cc2-4								
		overall<5-3% white qt-calcite threads & stringers to 632.1 & then								
		appr 10%qc overall from 632.1-677.25								
		Trace f-cg py diss gen as minor vague bands/ass. with qtz-c strs								
		624.1-624.5 (0.23' TW) white sugary qtz-calcite vein(flat),								
		bit ribboned with chlorite & fg tour.. Weak fg diss py								
		throughout, CA 140/40 dca.								
		632.1-677.25 strong stringers ,occ mafic tuff bands &								
		breccia = hyalaclastic								
		646.0 foliation @ 48 dca								
		Bottom contact @ 59 dca bit undulating								
677.25	682.4	Mafic Volcanic	16231	555.00	560.00	5.00	5			
		Green grey, fg, massive,- poss feeder?	16232	620.00	623.50	3.50	NIL			
		Minor amyguals- moderaly brecciated & sealed with white quartz-	16233	623.50	625.00	1.50	NIL			
		calcite; Cc2, ank0, m3	16234	625.00	627.10	2.10	NIL			
			16235	627.10	632.10	5.00	NIL			
		No significant mineralization	16236	632.10	637.10	5.00	NIL			
			16237	637.10	640.00	2.90	48	45		
			16238	640.00	645.00	5.00	2			
			16239	645.00	650.00	5.00	3			
			16240	650.00	655.00	5.00	NIL			
			16241	655.00	660.00	5.00	NIL			
			16242	660.00	665.00	5.00	7			
			16243	665.00	670.00	5.00	17			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16244	670.00	675.00	5.00	3			
			16245	675.00	677.25	2.25	9			
			16246	677.25	680.00	2.75	10	3		
			16247	680.00	682.40	2.40	2			
682.4	713.0	Mafic Volcanic (4mvo-pillowed)	16248	682.40	685.00	2.60	5			
		Medium green, fg, massive to locally weak foliation/<1', rare	16249	685.00	688.00	3.00	5			
		concentric qc filled textures &/ darker green strong chloritic	16250	688.00	693.00	5.00	2			
		laminations/<0.05ft=prob. Pillow selvages	16251	693.00	698.00	5.00	NIL			
		- mod fractured & sealed with white qcc	16252	698.00	703.00	5.00	5			
			16253	703.00	708.00	5.00	10			
		Ank4-2, cc2-4	16254	708.00	713.00	5.00	3			
		Trace-2% diss py								
		Grades into								
713.0	750.0	Mafic Volcanic (4mvo-pillowed)	16255	732.00	734.00	2.00	3			
		(Similar to above)								
		Qcc stringers & threads @ 25%								
		Ank0-1, cc2-4, mod chlorite								
		Trace py, cg splash cp wall to minor wh qcc threads 733.1								
		Grades into								
750.0	802.7	Mafic Volcanic (4mvo-pillowed)	16256	790.00	795.00	5.00	21			
		(Similar to above)	16257	795.00	800.00	5.00	3			
			16258	800.00	802.70	2.70	19			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Ank1-3 increasing downward, cc2-4/3								
		771-773 30% wh qcc stringers with nil-5% mg diss py Ank0, cc4-6 walls								
		785 foliation @62 dca in minor hyalo tuff bed								
		798.4-802.7 thin laminated green & pale green ,mod fol/thin bedded tuff, & p breccia bed, bit sheared looking, incr.carb groundmass - S0 (bedding) mod kinked & fluctuating from 30-90 dca, kinks mainly minor parasitic "S"s, at 800-801.0 CA's= 78-88 dca								
		Bottom contact @802.7 = 60dca sharp & rotated 80 clockwise, xcuts foliation of 72dca ie. contact dips up into plane when looking west								
802.7	806.6	Diabase pale & medium grey, fg chilled, massive, wkly fractured & sealed								
		with white qc & pale green qtz-epid flat strs & threads @ 135-165dca								
		A2, m4								
		No significant mineralization								
		Bottom contact Sharp= 42dca rotation approx.30 clockwise- dips up								
806.6	834.3	Mafic Tuff?	16259	806.60	810.00	3.40	9	15		
		Med green-grey, fg, thick lam, mod breccia & kinked mafic ash tuff	16260	810.00	812.00	2.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		- bedded and wkly crenulated & mod. rotated into open "S" folds	16261	812.00	815.00	3.00	10			
		mod-strong qcc strs & bands gen developed parallel to foliation	16262	815.00	820.00	5.00	21			
		decreasing downhole	16263	820.00	822.00	2.00	5			
			16264	822.00	824.40	2.40	3			
		A6-4, cc2	16265	824.40	827.00	2.60	2			
		occ. pale grey cc6 bands& occ qv's	16266	827.00	829.00	2.00	2			
			16267	829.00	831.40	2.40	3			
		No significant mineralization	16268	831.40	834.30	2.90	7			
		810.6-811.0 minor strs below pale grey , strong Cc6 +/-quartz bnd, 15% f&mg diss py bands/veinlets, CA approx 90dca- walls brecciated								
834.3	864.0	Mafic Volcanic	16269	834.30	837.50	3.20	NIL			
		Medium green grey, fg, massive, mod breccia & sealed with irreg wh	16270	837.50	840.00	2.50	2			
		qcc strs & threads, nil to locally weak foliation locally rotating	16271	840.00	845.00	5.00	2			
		30 degrees, Ank6, cc2-4; mod qc strs & threads, mod gr chlorite	16272	845.00	850.00	5.00	2	NIL		
			16273	850.00	855.00	5.00	2			
		No significant mineralization	16274	855.00	860.00	5.00	NIL			
			16275	860.00	864.00	4.00	7			
		844- foliation = 50 dca								
		Grades @ 50 dca into								
864.0	869.3	Mafic Volcanic Bleached Chill Zone	16276	864.00	869.00	5.00	NIL			
		thickly banded & mottled pale & medium green, vfg, patchy & mottled & wkly fractured massive flow top, weak locally developed foliation @35-55dca								
		Ank6, cc2-4								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Weak epid1-3, mod chlorite								
		Grades @ 62 dca into								
869.3	874.1	Mafic Tuff?/ Sheared Mafic Volcanic	16277	869.00	872.00	3.00	2			
		dark green, fg, thin laminated, mod foliation throughout@ 45-75	16278	872.00	873.90	1.90	NIL			
		dca(avg=65dca), foliation rotating a bit approx. 20 dca over entire section								
		minor qcc strs and thread bands gen. Parallel to foliation								
		rare pale green Quartz- epid stringers								
		Ank 6-4,mo								
		cc2, chl4+								
		trace py as occ. mg diss grain								
		870.3-870.75 pale grey thick lam, mod fractured & black chlorite str band - contacts a bit curved- cc2 ank0, m0 - probably a mod. bleached & fractured exotic mudstone silicified cobble/boulder or strong chilled & bleached volc. detached pillow sack - foliation & contacts approx. 48dca								
		872.2-873.9 pale grey aphanitic, highly sil'd felsite/chilled grey felsite/ siln band - cc2, a-0, m0 - bit spotty with very vague m-cg porphritic shadows remaining- wkly fractured & sealed with qtz-epid threads, tc=60,bc=70								
		873.9-874.1 dark green chl schist; foliation @68dca, thickly to thinly laminated;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Grades into								
874.1	887.6	Massive Mafic Volcanic	16279	873.90	879.00	5.10	5			
		medium green, fg, massive, very weak foliation @60-65 dca, minor	16280	879.00	884.60	5.60	NIL			
		quartz threads & strs; Carb. incr downhole	16281	884.60	887.60	3.00	NIL			
		Ank2, 22 2-4, mo								
		incr. chlorite, mod very fg white alteration spots- calcite								
		Trace py								
		Bottom contact sharp@ 72dca								
887.6	891.2	CARBONATE VEIN & Carb'd Volcanic	16282	887.60	888.70	1.10	26	26		
		pale & medium grey, medium banded intercalated strong Calcite carb	16283	888.70	889.90	1.20	2			
		zones/carbonate veined & carb'd mafic volc. as follows:	16284	889.90	891.20	1.30	19			
		a0-a1, cc6-5,								
		Trace py in volcanic and 30% to 10% py in strong calcite bands								
		887.6-887.9 medium grey, bit brown, mg, th-thin lam, sheared & strongly carbonatized volcanic, schistosity @76dca								
		Bottom contact @ 76dca, 1/2%py								
		887.9-888.7 sheared carbonate vein, paled brown-grey & very pale grey, thin lam, foliation @ 70dca								
		30% fg py throughout diss & as wk threads on foliation planes, minor quartz threads parallel to foliation								
		bc at 70dca bit rot'd anticlockwise								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		888.7-889.9 sheared & carb'd volcanic, grey, mg, well foliated ptc (parallel to contacts), magnetic minor 0.2ft white quartz str as flat @ 150dca xcuts foliation of 70dca; BC=70dca								
		889.9-891.2 very pale grey & green-grey ,banded to thickly lam'd & intercalated calcite bands and carbonate veins, & carb'd volcanics; +10% f-mg diss py throughout ass'd with bedding planes								
		BC 80dca sharp								
891.2	896.7	Carbonatized and Bull Quartz Veined Mafic Volcanic	16285	891.20	892.70	1.50	NIL			
		medium -pale green grey, mg, massive ,mod magnetic throughout	16286	892.70	894.60	1.90	5			
			16287	894.60	896.70	2.10	NIL			
		892.8-894.4 quartz vein - with calcite, mg, bull 10% coarse angular qtz & chl'd wall rx breccia inclusions throughout tc = 45, bottom contact = 40 rotated 20 clockwise								
		895.4-896.7 thick lam wkly sheared, poss tuff bed top , tc 78dca, bottom contact 65dca sph								
896.7	898.2	Sheared Carbonitized Bleach Zone	16288	896.70	898.20	1.50	14	14		
		vey pale grey, pale brown and grey-green, vfg, thickly lam & mod foliated @ 68-70dca, magnetic								
		cc6, ank0 <5% quartz strs parallel to foliation +5-10% py f & mg								
		bottom contact 70dca vague & grades into								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
898.2	922.8	Carbonatized & Weakly Quartz Stringered Mafic Volcanic	16289	898.20	900.60	2.40	NIL			
		Pale green, & minor darker green threaded, fg recrystallized	16290	900.60	905.00	4.40	10			
		carbonatized, thick lam to weakly sheared /banded becoming	16291	905.00	910.00	5.00	15			
		massive looking downhole; minor white qtz-calcite strs in top	16292	910.00	915.00	5.00	2			
		half of section	16293	915.00	920.00	5.00	14			
			16294	920.00	922.80	2.80	5			
		Ank2-6 downhole, cc2-0								
		m1 & 3, minor grey chlorite strs & threaded bands becoming								
		serquinitic (sil-epid) altered downhole & more bleached looking								
		& paler downhole								
		905.0: schty @ 67dca								
		917.0 foliation @ 58dca rotated 30deg counterclockwise								
		922.8 bottom contact irreg @ 60dca								
922.8	929.5	Altered Volcanic & @ Quartz Veins	16295	922.80	925.10	2.30	58			
		pale green, mottled, gen very fg & massive looking volcanic	16296	925.10	926.50	1.40	31			
			16297	926.50	929.50	3.00	7			
		cc0-2 & 4, ank gen 6								
		Trace - 4% py								
		922.8-923.7 vv pale yellow-green, wkly foliated chlorite & epid								
		(serquinitic) volcanic ,trace mg py, schty @ 46dca								
		923.7-924.0 80% grey, fg quartz & dusty tourmaline?, sugary quartz								
		strs - no significant mineralization ,strs contorted & folded								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		924.0-925.0 pale green carb'd volcanic, wkly banded @ 40dca minor 0.1-0.005 wh qcc flat @135dca trace py; bottom contact irreg @ 135								
		925.0-926.5 wh & dark grey ribbon & breccia quartz - tour veins approx 80% with carb'd volcanic band @ 925.7-925.9 avg band @ 50-30 dca 4% mg, py mostly as 0.1 diss band 925.65 bottom contact to 1st vein; bottom contact irreg & strongly flamed								
		926.5-928.1 pale green serq volcanic stringered with 5% very irreg wh qcc strs & threads in part shows black (tour) wall margin, trace py -lower contact area becomes sheared & thin lam & "s" kinked/0.2'; Bottom contact sharp @ 143dca xcutting								
		928.1-929.5 wh & green 80% quartz breccia vein with 20% irreg dark green chlorite bands & irreg threads bottom contact vague aprox 120 & 0 dca stepped								
929.5	931.2	Banded Carbonate Alteration Zone pale brownish grey, white, pale grey & green, fg, well foliated/sheared, locally kinked as minor open "Z" crenulations, alternating strong calcite laminations, chlorite & white qtz- cc lenses with occ xcutting white quartz-calcite ladders @ 15dca; avg schistosity @ 112dca rot'd approx 60dca counterclockwise; A0, cc6, M1; 15% fg dis py & minor bands gen. parallel to foliation; Bottom contact sharp @ 110dca								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
931.2	934.1	Mafic Tuff & Intercalated Syenite/Felsite	16298	929.50	931.40	1.90	21	33		
		green & white, fg, thin - thickly lam'd chlorite schist; qtz-	16299	931.40	934.00	2.60	9			
		cc banded schist/altered tuff; variable cleavage over 1ft								
		arranged as open "S" kink in top half of section								
		932.7-932.9 & 933.1-933.3 pale pinkish grey, very fg, sheared								
		looking syenitic felsite/ chilled syn with trace vfg diss py as								
		2 bands @ 115-130dca parallel to schistosity								
		934.1 bottom contact @ 135dca sharp on top of white qcc stringer								
934.1	952.4	Strongly Carb'd Mafic Volcanic & Quartz Stringers	16300	934.00	935.00	1.00	7			
		banded green & pale green, fg, massive, wkly foliated, volcanic	16301	935.00	940.00	5.00	21			
		flow, mod-wk quartz/qcc strs as flats @ 135/ parallel to	16302	940.00	945.00	5.00	9			
		schistosity	16303	945.00	947.00	2.00	2			
		foliation back & forth from 30-135 dca becoming 70-80dca below	16304	947.00	951.10	4.10	27			
		approx 943ft	16305	951.10	952.40	1.30	9			
		Ank6, cc2, var gr chlorite								
		Occ vcg py cubes diss throughout & minor f & mg py with qc strs								
		or diss bands & minor py str thds throughout								
		934.1-935: 3 white & grey qtz-calcite strs parallel to foliation/								
		approx 0.1' parallel to schistosity ass. with xcutting dark green								
		chlorite strs, curved, quartz strs approx 135dca								
		946.8-947.3 approx 10% py - brown as vfg py strs with mg								
		cubes as irreg str stockwork mass xcutting throughout @ avg 90dca								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		(range 50-130dca)								
		952.4 grades into								
952.4	954.6	Quartz Veined Chlorite Schist dark green, carbonatized thick lam cls, kinked, avg schisticity @ 60dca, +30% irreg breccia of pale grey & white quartz with minor black chlorite slips & ribbons @ walls	16306	952.40	954.60	2.20	12			
		Ank4-6, cc2-4, m0								
		1-2% fg py on schist								
		bottom contact approx 130dca rotated 30 clockwise								
954.6	955.5	Calcite Carb Zone vv pale grey, mg, massive destructive alteration band	16306	954.60	955.50	0.90	22	19		
		Cc6								
		30% mg diss py throughout								
		Bottom contact @ 145dca - ribboned								
		NB - alteration zone appears to sit in the upper hinge of large open "S" kink fold								
955.5	978.9	Sheared Talcose Chlorite Schist	16308	955.50	960.00	4.50	17			
		green & dark green, fg, thick - thin lam with altering fg thick	16309	960.00	965.00	5.00	10			
		white qc lenses throughout, very contorted & locally parasitically	16310	965.00	970.00	5.00	5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		folded, poss mafic - ultra mafic ash tuff	16311	970.00	975.00	5.00	19			
			16312	975.00	978.90	3.90	3			
		cc4+ -wkly talcose?, ank 2-1/0 moderately talcose down hole, m3-2-1								
		2% - trace diss py decreasing downhole as cg diss py sudheadral								
		95.5-958.0 large crenulated open "s" kink throughout, mod diss py in pale grey carb zone, strs parallel to schistosity								
		958.0-959.3 minor kink shear band disrupts S1 @ 50 dca								
		959.6-961.6 ptygmatically folded hinge, cleavages @ 50 dca								
		Bottom contact= 45dca sharp & rotated 80 clockwise & xcutting								
978.9	988.0	Talc-Chlorite- Carb Schist	16313	978.90	983.00	4.10	19			
		medium green grey, f & mg, thick to thin lam, well sheared, schist locally kinked into minor "Z"'s & CA's rotating throughout	16314	983.00	988.00	5.00	9			
		Ank4, cc6, m0 @ top of section								
		Trace py								
		Grades into								
988.0	1138.3	Talc Carb Schist	16315	1045.00	1050.00	5.00	10			
		pale - medium grey, fg, massive to wkly banded	16316	1105.00	1110.00	5.00	26			
		fractured & sealed with 5-15% white carb strs, threads & knots, becoming wkly schistose below 1070'								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Cc4 - 3 & 5, ank0-1, MO -occ very rare magnetic response

Trace cg diss py

1080.2 weak fault/ shear = 75dca/0.2'

1090.0 banded @ 65dca

1108.0 schty/ cstrs @ 35 dca

1137.0 schty @ 35dca

1138.3 ft End of Hole (Drillers report 347m/1138.5ft)

Logged by R.V. Zalnieriunas
Nov. 7/02
on site in Matachewan

Hole Survey Note:
Values flagged + indicate assumed plotting mid-point

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.25	-45.60+	360.00+
90.50	-45.60	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-03

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
799.10	-43.50	
961.55	-41.70+	355.60+
1124.00	-41.70	355.60

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04
Collar Eastings: 7602.00
Collar Northings: 2000.00
Collar Elevation: 7968.00
Grid: 2002 Imperial
Dates: Nov.5-6/02

Collar Inclination: -45.00
Grid Bearing: 1.00
Final Depth: 551.10 feet
POWELL TP.; CLAIM: 1224878 L76E/20+00N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 9, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	9.8	Casing								
9.8	24.55	Mafic Tuff Grey & pale grey, fg, thin banded to thick & thin lam, mod- well foliated showing minor parasitic "z" & "m" shaped crenulations throughout, wkly sheared - mod carb matrix throughout Banded ank4+ cc4 throughout, wkly chlc Trace mg diss py thro with 2% diss py developed @ base @ 21.5-24.55 as m-cg subhedral grains 9.8-12.7 broken & blocky core 17.0 kinked foliation approx 0dca overall 19.3-19.7 very vuggy & water bleached core 21.5 s1=50dca rotated approx 30 counterclockwise 24.55 irreg "Z"; flamed contact @ approx 70dca overall xcutting s1 of 49dca	16342	21.50	24.55	3.05	45			
24.55	25.40	Carb. Zone & Fault MAGNETIC pale grey, fg, thick lam, carb knotted, mod sheared & strong carb altered volcanic, upper wall schtz @ 49dca Cc6,a0,m6	16343	24.55	25.40	0.85	48	57		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		No significant mineralization in fault 5-4% diss py in carb'd upper alt'n wall								
		24.55-25.15 carb sheared volcanic, bottom contact @ 122dca 25.15-25.40 brown early well cemented fault zone, well foliated @ 49dca;								
		bottom contact on brown @ blocky core, probably parallel to schistosity								
25.4	36	Mafic Tuff	16344	25.40	28.60	3.20	5			
		(similar to 9.8-24.55)	16345	28.60	30.00	1.40	2			
			16346	30.00	36.00	6.00	3			
		Az-4, cc4 spotty weak mag @ tc								
		1-3% diss py throughout								
		28.6-29.4 grey, wkly sheared intermediate intrusion dev'd parallel to foliation @45dca 32.0-34.5 mod blocky & broken with apparent occ. massive sections & bands of poss mafic sills								
36.0	105.7	Mafic Sill	16347	36.00	39.40	3.40	5			
		grey becoming greenish grey decreasing downhole, m-cg volcanic	16348	39.40	43.00	3.60	2			
		/massive feeder dyke -top 60+ft volcanic chilled & wkly thermally	16349	43.00	47.00	4.00	NIL			
		fractured with fractures sealed by fine Fe carb & green chlorite	16350	47.00	51.60	4.60	5			
		threads, mod pervassive calcite groundmass throughout,	16351	51.60	54.30	2.70	10			
		andesitic overall - no significant textures with vv weak occ	16352	54.30	57.00	2.70	17			
		foliation developed approx 60 dca (vague)	16353	57.00	61.00	4.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16354	61.00	65.00	4.00	21			
		36.0-47.0 ank4-6, cc2, mo	16355	65.00	67.00	2.00	NIL			
		3%-trace diss py	16356	67.00	70.00	3.00	NIL			
		47.0-70.0 ank1, cc2,mo	16357	100.90	105.70	4.80	NIL			
		No significant mineralization - trace/1% py with f & mg diss py								
		@ 65.5-67.0 approx 1%								
		70.0-76.4 ank0, cc2-4,mo								
		no significant mineralization								
		76.4-85.0 ank0,cc2-4, m1-2 becoming m4 downhole								
		85.0-95.0 ank4, cc4, m4								
		no significant mineralization								
		95.0-105.7 ank1, cc4/6, m4-2								
		no significant mineralization								
		36.0-43.0 sheeted contact of medium bands inter-mafic intrusion								
		(as above) & 1' bands of mafic tuff (as 25.4-36.0)								
		@ 65-90dca								
		53.0-53.9 white bull qtz-calcite vien flat, upper contact								
		brecciated & quartz stringered, TC50, BC140dca,								
		TW approx 0.6'								
		65-67.0 weak diss py on chlorite str flats								
		105.7 grades into								
105.7	132.5	Wkly Sheared Carbonatized Mafic interflow	16358	105.70	109.00	3.30	NIL			
		medium- pale grey-greenish grey, fg, massive & very thickly	16359	109.00	113.00	4.00	NIL			
		banded, wkly sheared volcanic feeder/massive flow (as above)	16360	113.00	114.50	1.50	26	36		
		Carb altration incr downhole, weak foliation /schistocity	16361	114.50	118.50	4.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		@ 57 dca	16379	118.50	120.80	2.30	9			
			16380	120.80	125.00	4.20	3			
		mod -weak white alteration spots- calcite	16381	125.00	130.00	5.00	7			
		A1, cc6, m0								
		trace py throughout								
		113.0-114.5 5% py associated with quartz veins & outboard quartz strs & threads parallel to schistosity								
		113.65-113.85 pale - medium grey, wkly sheared quartz vein with 2% f & mg dis py parallel to foliation @ 61dca								
132.5	133.2	Silicification Band / Quartz Vein								
		mottled, medium grey, vfg, strong siln band with dark grey quartz thread flats as set @ 150 & late white quartz invading strs								
		xcutting throughout core @ <5dca with wispy buff seric threads developed on foliation plane of 52dca sub parallel to foliation								
		A&C=0, m0, sil strong								
		10% f & mg diss py throughout								
		Tc=72dca, bc=92dca sharp								
133.2	137.4	Stronly Carb'd Volcanic/Intrusion	16382	130.00	135.00	5.00	NIL			
		pale - medium grey, fg, massive	16383	135.00	137.40	2.40	15			
		Cc6,m0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace py								
		Bottom contact sharp @ 66dca								
137.4	139.5	Silicified Band	16384	137.40	139.50	2.10	970			0.031
		(Similar to 132.5-133.2)								
		Mottled grey & medium grey, minor carb knots								
		Weak cc2/1, m0								
		10% f&mg diss py & occ disrupted MS py threads								
		Bottom contact sharp @ 128dca								
139.5	142.3	Strongly Carb'd Volcanic/Intrusive	16317	139.50	142.30	2.80	58			
		(As 133.2-137.4)								
		Massive looking, aph- vfg, weak fine threads align @ 20dca								
		/last 2 ft								
		Cc6,a0,mo								
		3%py throughout								
		Bottom contact @ 103 dca rotated 90 clockwise								
142.3	146.7	Quartz Vein	16318	142.30	143.70	1.40	168			
		white cg, massive, wkly brecciated & fractured quartz & calcite	16319	143.70	146.70	3.00	62			
		vein with quartz stringered & carbonatized wall rock schist								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Cc5, a0,mo, fuch threads & chlorite								
		2-3% py overall diss								
		142.3-143.7 fg, thick lam, mod contorted qt-cc-chl-fuch schist with 1% vfg diss py throughout- mod black tour @ base of schistosity 35-50dca, BC 82dca								
		143.7-146.1 white cg bull qv (98% qtz) with minor chl wisps & thds and minor-1% f-mg py, BC=53dca shp								
		146.1-146.7 chlorite schist wall, strong white alteration spots-calcite, minor quartz threads, 5% to trace py decr. downhole								
		Bottom contact @ 52dca sharp parallel to schistosity								
146.7	166.5	Carb'd Volcanic/Intrusion	16320	146.70	150.00	3.30	4903			0.173
		(Similar to 139.5-142.3)	16321	150.00	155.00	5.00	139			
		med-pale grey, fg, massive to locally wkly mottled & vv wkly	16322	155.00	159.00	4.00	24			
		sheared @ 60dca	16323	159.00	163.00	4.00	7			
		A0-trace, cc6 + occ6/4								
		overall 2-5% py incr downhole								
		becoming mineralized with py downhole as follows:								
		146.7-150.6 minor py strs & fg dis								
		-151.6 weak sil band with fg py wisps overall ,5% py								
		-154.0 wkly brecciated & sheared, minor py wisps ,3%								
		-163.0 trace-3% py								
		-165.0 py net veining threads & stockwork as 170-160dca								
		xcutting py-calcite threads & weak wisps on foliation planes								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		@ 55-70dca forming open "H"'s; grades into:								
		165.0-165.5 qtz-cc vein stockwork sealing brecciated volc, minor 3% m-cg py								
		165.5-165.9 white qtz-calcite veinlet flat 80% quartz balance = chloritic wall breccia frags, No significant mineralization, CA approx 33dca rotated 60 clockwise								
		165.9-166.5 silicified wall rx & minor late chlorite wisps, silicification strong, grades @ 30 dca into 3% py threads & diss grains								
166.5	203.0	Pyritic Quartz Vein	16324	163.00	166.60	3.60	202			
		white, cg, massive -medium banded quartz vein with 5% to locally	16325	166.60	170.00	3.40	2			
		20% green & grey angular to reXtalized & silicified feathery	16326	170.00	175.00	5.00	33			
		wall rock fragments & slivers	16327	175.00	180.00	5.00	206			
			16328	180.00	185.00	5.00	144			
		Ank trace-1, cc2-4	16329	185.00	190.00	5.00	91			
		trace seric &/frac on wall rx incl	16330	190.00	195.00	5.00	394			
			16331	195.00	200.00	5.00	171	149		
		M-cg py as diss anhedral blebs & occ SMS strs throughout @ 2-+5%	16332	200.00	203.00	3.00	91			
		grades @ 70dca into								
203.0	215.1	Pyritic Quartz Stringered Chl-Fuchsite-Carb Schist	16333	203.00	206.00	3.00	214			
		mottled white, grey green & bright green, f-mg, thick lam, bit	16334	206.00	209.00	3.00	189			
		contorted schist, wall to vein	16335	209.00	212.00	3.00	5			
		White quartz strs approx 50-20% at wall / approx 0.1-0.05 ft	16336	212.00	215.10	3.10	132			
		banding & schistosity varies from 35-80dca								
		Ank strs & blebs a1-3, cc6-5, m0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		5-2% py as weak irreg strs & diss grains throughout								
		Bottom contact @ 70dca								
215.1	222.3	Sheared Volcanic/Intrusive	16337	215.10	219.00	3.90	549	525		
		grey-green grey, vfg, massive looking, mod-wkly fractured &	16338	219.00	222.30	3.30	14			
		sealed with numerous white calcite & quartz threads & hairs @ 75dca								
		10-3% py throughout								
		215.1-215.9 white grey carb altn zone decr downhole								
		218.2-218.5 weak grey flamed (3) carb altn band @ 68dca with 5-10% vfg diss py throughout								
		Grades @ 65dca into								
222.3	250.9	Carbonatized Mafic Intrusive/Flow	16339	222.30	224.00	1.70	5			
		(Similar to 105.7-132.5)	16340	224.00	229.00	5.00	5			
		Medium green- grey, f-mg, wkly shrd & foliated throughout	16341	229.00	234.00	5.00	9			
		wkly chilled downhole	16385	234.00	239.00	5.00	3			
			16386	239.00	244.00	5.00	2			
		A tr-2, cc6 & locally 3/4	16387	244.00	249.00	5.00	3			
		mod green chlorite	16388	249.00	250.90	1.90	27	21		
		mod-strong white alteration spots- calcite (calcite)								
		M0 throughout								
		quartz & calcite strs & threads throughout								
		No significant mineralization to trace py								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Bottom contact @ 45dca parallel to foliation- vague								
250.9	321.55	Mafic Tuff	16389	250.90	255.00	4.10	36			
		Mid green grey with occ lam & threads of pale grey, fg, thick -	16390	255.00	257.00	2.00	17			
		medium bedding, thick -thin lam, mafic chlorite ash tuff	16391	257.00	259.50	2.50	NIL			
		-no apparent frags, mod-weak wh m-cg white alteration spots-cc	16392	259.50	262.50	3.00	NIL			
		& local white calcite & qtz-calcite strs & threads irreg	16393	262.50	265.50	3.00	NIL			
		throughout	16394	265.50	269.50	4.00	NIL			
			16395	269.50	273.00	3.50	3			
		a2, cc6, m0	16396	273.00	277.00	4.00	9			
			16397	277.00	281.00	4.00	2			
		250.9-273.0 1-5% py	16398	281.00	285.00	4.00	NIL			
		273.0-305.0 tr-no significant mineralization	16399	285.00	290.00	5.00	3	7		
		251.6 CA's steep to 90dca	16400	290.00	295.00	5.00	NIL			
		252.1-252.4 <0.1 pale grey mudstone intercalated bed s0 @ 162dca	16401	295.00	300.00	5.00	NIL			
		252.4-255.4 massive thl/tb mafic ash tuff	16401	300.00	305.00	5.00	3			
		So=155dca poss arranged as local open kink "Z" fold with	16403	305.00	310.00	5.00	NIL			
		mod developed kink foliation/shr bands @ 30dca	16404	310.00	315.00	5.00	NIL			
		bottom contact very angular & steep	16405	315.00	319.00	4.00	NIL			
		255.4-256.6 white sugary qtz-calcite bull vein - contacts	16406	319.00	321.55	2.55	NIL			
		very angular & breccia vv coarse								
		256.6-257.9 mafic tuff, CA's flip @ base to undulating								
		at 65dca								
		257.9-258.5 pale green thick lam mudstone s0 @ 45								
		260-261.4 open fold nose as 1/2moon, TC at 165, Bc at 19dca								
		262.5- s0=110,s2=33								
		269.5 s0=140 5% cg, diss py in thick lam bed								
		270.35 so=120 5% cg, diss py in thick lam bed								
		270.35-273.0 f-mg diss py strs ass'd with calcite stringers								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		parallel to foliation @ 140 - bit open "z", crenulated, py =<3%, grades into								
		273.0-310.0 carb'd chloritic gen. sheared & cc threaded tuff								
		275.0 s1=135								
		280.0 s1/s0=90								
		290.0 s1=70								
		305.0 s1=70								
		310.0-321.55 becoming more sheared & chloritic = chl-carb schist @schistosity=65-67dca								
		Bottom contact = 65dca parallel to schistosity								
321.55	322.9	Biotite Schist Reaction Rim	16407	321.55	322.90	1.35	NIL	NIL		
		purply grey, fg, thick -thinly lam, weak WAS, minor qcc thds								
		Cc6								
		Fg diss py								
		Contact vague parallel to schistosity & Grades into								
322.9	330.4	Chlorite Carb Schist	16408	322.90	327.20	4.30	NIL			
		green & white, fg, thin lam, calcite stringered & knotted schty @ 60-40dca	16409	327.20	330.40	3.20	NIL			
		Cc6, mo								
		Grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
330.4	394.8	Talc-Carb Schist	16410	330.40	335.00	4.60	NIL			
		medium grey, fg, thin- thick lam, mod sheared & locally knotted &	16411	375.00	380.00	5.00	12			
		contorted								
		Ank0-1, cc6, mo								
		350 schty @ 60dca								
		365 schty @ 25dca								
		375 schty @ 0dca								
		380 schty @ 45dca								
		393 schty @ 40dca								
		bottom contact @ 30dca pm								
394.38	404.7	Grey Feldspar Porphyry	16412	394.80	399.80	5.00	9			
		grey, mg, with c-mg feld. megcrysts, margins chilled	16413	399.80	404.70	4.90	3			
		A & c=0, mag=0								
		Bottom contact @ 60dca sharp								
404.7	447.3	Talc-Carb Schist	16414	430.00	435.00	5.00	2			
		(As 330.4-394.8)								
		A1-2, cc6, m0								
		435 schty @ 35dca								
		Bottom contact @ 50dca sharp parallel to foliation								
447.3	522.8	Talc-Chl-Carb Schist	16415	462.30	467.50	5.20	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green-grey (similar to above)	16416	467.50	470.00	2.50	5			
		TC on 0.2ft bronze schist contact/reaction band vvfg	16417	470.00	475.00	5.00	NIL			
		schty very contorted & undulates from 10-80dca downcore	16418	475.00	480.00	5.00	15			
			16419	480.00	485.00	5.00	NIL			
		A0, cc4-6+, m0	16420	499.90	502.00	2.10	NIL			
			16421	518.60	522.80	4.20	NIL			
		467.5-470.0 +20% v.cg diss py, subhedral ass'd with cc-qtz str undulating down core at about 15dca								
		512.7-513.7 grey, fg, massive, mafic dykes- contacts bit angular xcuts bedding sptf								
		Bottom contact @ 40dca parallel to foliation								
522.8	551.1	Mafic Volcanic -Carbonatized	16422	522.80	527.80	5.00	NIL			
		Green, fg, massive, thermal fractured & sealed by calcite & qcc strs & threads	16423	527.80	532.70	4.90	NIL			
		No significant mineralization, bit blotchy looking								
		Cc6,a0, mo								
		551.1 ft EOH (Drillers rpt 168m(551.2ft))								
		Logged by R.V. Zalnieriunas Nov. 9/02 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-pt plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-04

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
96.10	-44.70+	1.30+
192.20	-44.70	1.30
290.60	-45.80+	1.40+
389.00	-45.80	1.40
462.85	-45.70+	0.20+
536.70	-45.70	0.20

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05
Collar Eastings: 7602.00
Collar Northings: 2000.00
Collar Elevation: 7968.00
Grid: 2002 Imperial
Dates: Nov. 6-7/02

Collar Inclination: -70.00
Grid Bearing: 1.00
Final Depth: 406.60 feet
POWELL TP.; CLAIM: 1224878 L76E/ 20+00N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 10, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.9	Casing 100% core recovery = 4 tuff (as below)								
4.9	22.7	Mafic Tuff Green & grey, fg, thinly bedded -thickly lam'd, mod contorted & knotted ash tuff -moderatly blocky core to 4.4 ft Foliation @ 55-25dca Ank6-1 & nil downhole, cc2-4 0-18.8= m0 18.8-22.7 = m1-3 Nil- trace py trace sphalerite in calcite stringers threads xcutting @ 10.3 & 20.4 Bottom contact @ 58dca sub parallel to foliation	16424	9.00	11.00	2.00	NIL			
			16425	20.00	22.00	2.00	5			
22.7	106.6	Mafic Intrusive/Flow green grey to grey, fg, locally mg, massive, stron carb gndmass throughout A0- wkly trace, calcite incr downhole cc4-6 m1 to 24.0 balance=m0	16426	24.00	30.90	6.90	5			
			16427	30.90	35.00	4.10	9	3		
			16428	35.00	40.00	5.00	NIL			
			16429	40.00	45.00	5.00	17			
			16430	45.00	50.00	5.00	NIL			
			16431	60.40	63.40	3.00	NIL			
			16432	63.40	64.70	1.30	15			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		No significant mineralization except as noted in sample log	16433	64.70	67.70	3.00	7			
			16434	67.70	70.70	3.00	NIL			
		22.7-24.0 broken & blocky core -chill zone								
		24.0-37.9 dirty ctz looking high leaucoxene bnd, grades into								
		30.9-32.8 cg 5% wh qtz-calcite filled amygdules -grades into								
		32.8-99.7 fg, massive, high calcite alt'd volcanic /intrusive,								
		locally weak foliation &/ thermal fractures, Grades into:								
		99.7-106.6 mg, weakly flow banded mafic flow								
		foln @ 34dca, grades into								
106.6	149.9	Strongly Carb'd Altered Mafic Volcanic/Intrusive	16435	122.00	127.00	5.00	NIL			
		pale-medium grey, fg, massive, occ wk-mod wh qcc strs & threads	16436	127.00	132.00	5.00	14			
		locally very weak foliation of 40dca at 147.0ft as thermal	16437	132.00	137.00	5.00	14			
		crackel filled qcc threads	16438	137.00	142.00	5.00	17			
			16439	142.00	147.00	5.00	NIL			
			16440	147.00	149.80	2.80	NIL			
		A-0, cc6-3, m0								
		No significant mineralization to trace or minor								
		1-2% diss py as noted in sample log as py halo to qtz vein								
		(below)								
		Bottom contact vague @ approx 45dca on silicification zone								
149.9	151.2	Quartz Vein - banded & ribboned								
		two 0.3ft & 0.4ft, grey cherty & blotchy quartz veins @ 45dca								
		& 30dca haloed by silicified wall rock,								
		A0, cc1-3, m0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		4% py								
		grades into								
151.2	171.85	Highly Carb'd Altered Mafic Volcanic/Intrusive	16441	149.80	151.30	1.50	NIL			
		(Similar to 106.6-149.9)	16442	151.30	155.00	3.70	NIL			
			16442	155.00	160.00	5.00	5	9		
		Becoming more bleached & streaky downhole	16444	160.00	163.50	3.50	NIL			
			16445	163.50	166.00	2.50	2			
		A0, cc6-4, mo	16446	166.00	169.00	3.00	12			
			16362	169.00	171.85	2.85	22	24		
		Weak py halo , decreasing away from quartz veins								
		Bottom contact sharp 52dca (& shrd 35-60dca)								
171.85	205.4	Carbonate Pyrite Zone (3) as follows:	16363	171.85	176.50	4.65	74			
			16364	176.50	180.60	4.10	53			
		171.85-180.6 bleach zone /3 ft, fg, buff yellow green & very pale	16365	180.60	182.20	1.60	98			
		green, weak seric grades to streaky basalt below,	16366	182.20	187.20	5.00	33			
		foliated 25-30dca, grades 40dca into:	16367	187.20	191.60	4.40	185			
			16368	191.60	196.00	4.40	501	473		
		180.6-182.2 medium grey destructive carb band, massive,	16369	196.00	201.00	5.00	194			
		minor white quartz veinlet @ 181.6ft parallel to	16370	201.00	205.40	4.40	103			
		schistosity 45dca, Bottom contact 50 grades into								
		182.2-191.6 strong carb altered zone, weak seric, weak green								
		chlorite, minor black chlorite xcutting threads & occ rare								
		pale grey wiggly carb bands xcutting sub parallel to								
		foliation, Grades @ 50-30dca into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		191.6-201.0 pyritic streaky carb zone, py as m-cg strs & diss grains on cleavage planes as weak bands & grains, foliation @ 45								
		201.0-205.4 streaky carb alteration zone zone silicified, foliation @ 40dca; weak py, bottom contact on broken core- poss rotated 90,								
205.4	218.8	Pyritic Quartz Vein	16371	205.40	210.00	4.60	326			
		white, grey & black, cg, breccia quartz vein with cg ankerite	16372	210.00	214.30	4.30	113			
		diss. throughout	16373	214.30	218.80	4.50	86	79		
		205.4-207.3 grey & medium grey thinly lam'd shrd vein CA= 40								
		207.3-218.8 massive breccia vein- black quartz matrix in part increasing downhole								
		Bottom contact wkly flamed @ 72dca								
218.8	256.4	Green Carbonate	16374	218.80	222.00	3.20	2			
		green to bright green ,cream & white, fg, thin lam, mod - wkly	16375	222.00	225.00	3.00	24			
		foliated fuchsite-carb-chlorite schist xcut with white & cream	16376	225.00	230.00	5.00	24			
		qc strs & threads & occ knots; schty @ 65-25 undulating thro	16377	230.00	235.00	5.00	29			
			16378	235.00	240.00	5.00	2			
		242.5-256.4 thickly banded green & grey carb zone	16447	240.00	242.50	2.50	2			
			16448	242.50	246.00	3.50	14	22		
		256.4 grades at 39dca parallel to schistosity into:	16449	246.00	248.10	2.10	17			
			16450	248.10	252.00	3.90	NIL			
			16450	252.00	256.40	4.40	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
256.4	265.0	Chl-Carbonate Schist	16452	256.40	261.50	5.10	NIL			
		green & white, fg, thick lam, well fol/shrd schist	16453	261.50	265.00	3.50	NIL			
		Trace fuchsite, becoming wkly talcose in bottom 1/2of sect'n								
265.0	287.2	Chlorite Talc Schist	16454	265.00	270.00	5.00	NIL			
		green, fg, thick lam, bit contorted, mod -weak carb & quartz	16455	270.00	275.00	5.00	NIL			
		strs, threads & knots, avg schty @ 44-20dca	16456	275.00	280.00	5.00	NIL			
		bottom contact @ 40dca sharp								
287.2	318.6	Talc Schist	16457	313.00	318.00	5.00	NIL			
		medium grey, fg, thickly lam & wkly brecciated or massive,								
		strong talc, minor carb stringers & knots								
		schty @ 297ft=35dca ,315ft=50dca, 317.3=90dca,318ft=150dca								
		318.0-318.6 dark green-black reactive chl schist rim								
		A1-0, cc1-3, m0								
		No significant mineralization								
		bottom contact approx 55dca								
318.6	323.6	Quartz Vein	16458	318.00	323.60	5.60	5	3		
		white bull Quartz Vein & chloritic wall rock bands, slivers								
		and angular fragments; quartz approx 80% as two 1.1 ft veins								
		and 0.1-0.4ft schist bnds @ CA approx 37dca								
		strong cc, m0								
		No significant mineralization								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Bottom contact @ 45dca								
323.6	361.0	Talc Schist	16459	323.60	329.00	5.40	NIL			
		(As before)								
		Grey, medium -thinly banded, strong talc								
		Schty 20-55 dca								
		Cc4-6 & 5, mo, ank1-1tr								
		Bottom contact v. vague, contorted on weak biot reaction								
		rim @ 60 dca								
361.0	382.5	Talcous Chl-Carb Schist	16460	360.00	365.00	5.00	NIL			
		green, fg, massive to medium banded/thick lam								
		Cc4, a0-1, m0								
		bottom contact @ 55dca								
382.5	406.6	Mafic Volcanic	16461	382.50	387.50	5.00	NIL			
		Green, fg, mod sheared, mod foliation @ 60-50dca	16462	387.50	392.50	5.00	5			
		occ pale grey trace seric silicification bands & mod qc strs,	16463	392.50	397.60	5.10	NIL			
		threads & knots gen parallel to schistosity	16463	397.60	402.50	4.90	NIL			
		Cc4, ank1								
		387.5-3976 +5% vcg- cg diss py throughout								
		406.6 ft EOH (Drillers rpt 124m/406.8ft)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-05

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnieriunas
Nov. 10/02 on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-pt plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
92.80	-71.60+	0.50+
185.60	-71.60	0.50
288.95	-69.10+	9.10+
392.30	-69.10	9.10

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06
Collar Eastings: 7070.00
Collar Northings: 2140.00
Collar Elevation: 7968.00
Grid: 2002 Imperial
Dates: Nov.7-12/02

Collar Inclination: -45.00
Grid Bearing: 54.00
Final Depth: 981.00 feet
POWELL TP.; CLAIM: MR 5401
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 16, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	108.3	Casing (drillers report difficulties with pushing casing and need for mud below tailings, heavy boulders encountered in lower half of casing operations)								
108.3	119.5	Mafic Volcanic Boulders (OB) pale & medium green, f & mg, very well foliated/shrd mafic volcanics, locally bleached & locally intercalated with sand seams +/ pale yellow clay seams; very blocky core throughout with minor locally ground & lost core sections thro foliation @ 65dca A2-4, cc0, m0 minor Fe-oxide staining on fractures & occ pale grey breccia bands locally leached & vuggy Bottom contact on broken core sect/2+ft								
119.5	146.4	Mafic Volcanic Medium green, fg, massive to thickly banded- prob pillowed flows becoming wkly sheared & flow banded & wkly foliated downhole @ 58dca A2-1, cc0, m1	16465	140.00	145.40	5.40	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		5-10% white qcc stringers & threads throughout								
		No significant mineralization								
		Bottom contact sharp @ 60 dca								
146.4	163.0	Mafic Tuff	16466	145.40	147.40	2.00	NIL			
		Green & pale green & cream, fg, thin bedded to thick lam ash tuff	16467	147.40	150.50	3.10	NIL			
		locally scoured indicating **stratigraphic tops face downhole**	16468	150.50	155.90	5.40	2			
		-no significant grading except for bedding (s0) becoming thicker	16469	155.90	160.90	5.00	NIL			
		downhole & individual beds/laminations overall consistently	16470	160.90	162.90	2.00	14			
		showing chloritic, fg tops facing downhole with locally developed								
		"Z" kink folds increasingly developed downhole								
		A0-a2, cc0 to cc3/5 downhole, m1								
		Trace-1% py diss as mg bands								
		147.4 s0= 60dca								
		147.4-160.9 foliation & s0 = 60-110dca & "Z" kinks								
		160.9 s1 & S0=55dca								
		Bottom contact @ 56 dca								
163.0	164.2	Pyritic Carb Band	16471	162.90	164.20	1.30	43	34		
		pale grey & greenish grey, massive, weak foliation @ 68-78dca								
		A0, c6, mo								
		trace chlorite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		15-20% f & mg diss py throughout								
		Bottom contact @ 65dca stepped & wkly flamed parallel to foliation								
164.2	179.5	Mafic Volcanic	16472	164.20	165.70	1.50	NIL			
		Green, fg, massive, mod fractures sealed with white calcite & qcc	16473	165.70	170.00	4.30	27			
		stringers & threads irreg throughout	16474	170.00	174.00	4.00	NIL			
		grading @ 174.0 to 174.4 into wkly sheared carb'd volcanic /poss	16475	174.00	179.50	5.50	NIL			
		tuffaceous volcanic								
		INTERP: wkly brecciated & sealed mafic flows grading downhole to mafic tuff top; tuff foliation @ 68dca								
		A1-a2, cc0 to 174ft & cc4-6 @ 174-179.4ft								
		Trace py throughout								
		5% mg diss py in white calcite stringers @ 169.3-169.6								
		Bottom contact @ 72 sharp								
179.5	188.4	Felsic Intrusive	16476	179.50	183.00	3.50	NIL			
		pale grey, aph-vfg, massive, thermal cracked & sealed with minor	16477	183.00	186.20	3.20	NIL			
		white irreg qc threads & trace stringers	16478	186.20	188.40	2.20	NIL			
		Rare fg feld phenocrysts as microporphyry -poss chilled syenite porph. band								
		A & cc0								
		1795-185.2= m2								
		185.2-188.4= m1								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace py								
		186.2-188.4 becoming wkly chloritic on assim zone front grades @ 69dca into								
188.4	191.4	Intrusion Breccia	16479	188.40	191.40	3.00	NIL			
		pale grey & pale greenish grey felsite (as above), medium- thick banded with contacts @ 90 to 37dca intercalated with 60% green & pale green , fg, thin lam chlorite-carb schist bands (medium banded); Foliation @ 70-75dca								
		A0, cc1, m1 +/-silicified?								
		No significant mineralization								
		Irreg flamed bottom contact approx 75dca -stepped & flamed								
191.4	254.4	Mafic Dyke	16480	191.40	195.00	3.60	NIL			
		medium green, f-mg, massive, 1-3% white qc threads & occ xcutting stringers	16481	195.00	200.00	5.00	5			
			16482	245.00	250.30	5.30	3			
			16483	250.30	253.00	2.70	122			
		A0-trace, calcite tr-1&3 becoming 4&6 downhole	16484	253.00	254.40	1.40	4258		0.121	0.116
		M4 to 232.4								
		m2 232.4-235.5								
		m1 to 242.8								
		m0 to 254.4								
		191.4-220.0 vvf chilled contact								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		229.4-232.0 wkly sheared & chloritic shear band								
		tc @ 150 rotated 30 clockwise, balance								
		well fol/sheared @ 35 & 90 throughout								
		245.0-253.0 chilled margin, wkly chloritic								
		253.0-254.4 minor quartz veinlets developed -overall 5% quartz								
		as irreg. str & quartz masses & associated f-mg py clasts								
		Grades into								
254.4	259.1	Carb'd Volcanic	16485	254.40	259.10	4.70	60			
		green, fg, massive, weak carb knots developed throughout								
		becoming blotchy looking, weak rotating foliation 70-75dca								
		M0, cc6, a0								
		Grades into								
259.1	296.9	Pyritic Carbonate & Vein Zone	16486	259.10	263.00	3.90	934	994		
		destructive fe-carbonate alteration zone	16487	263.00	265.20	2.20	595			
			16488	265.20	269.00	3.80	170			
		A6 throughout, m0, tr cc	16488	269.00	273.50	4.50	480			
			16490	273.50	276.80	3.30	627	579		
		overall 4%-2% py with 15-20%py at 276.8-286.6ftn and	16491	276.80	281.80	5.00	372			
		tr py from 286.6-292.0ft;	16492	281.80	286.60	4.80	957	984		
		mostly m-cg diss py , clots & occ locally developed weak diss py	16493	286.60	289.40	2.80	105			
		bands xcutting throughout ass't with weak quartz breccia veinning	16494	289.40	292.00	2.60	38			
			16495	292.00	293.70	1.70	154			
		259.1-265.2 blotchy grey, pale grey & greenish grey, fg, swirled	16496	293.70	296.90	3.20	216			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		& banded strong carb zone xcut by irreg quartz(grey)-carb- ank (creamy yellow) stringer veining & occ white quartz stringer flats with ank rims; fabric very irreg & coarsely brecciated; late vn flats 150 & 100dca, weak foliation 30dca, grades into:								
		265.2-276.8 pale grey, aph, strong ank carb bleach zone with +10% dark grey irreg magnetite pseudomorphs m-cg diss throughout - section all massive, no significant fabric, < 5% late white xcutting quartz stringers & threads with py dev'd @ walls, bottom contact irregular								
		276.8-286.4 quartz vein, white, yellowish-white, pale grey, highly brecciated & sealed pyritic vein with high content of silicified breccia wall rock as irreg bands & lenses sealed with +30-50% quartz-ank stringers ,threads throughout m-cg diss py throughout decreasing downhole to <10% minor increase black quartz veins downhole BC irreg, grades into:								
		286.4-289.4 pale grey, spotted carb zone, massive (as 265.2-276.8)								
		289.4-292.0 (similar to above) Blocky core, partly ground to knobs & balls, core loss, approx 40% -all sect'n submitted for assay, no significant mineralization noted; grades into:								
		292.0-293.7 irreg quartz & qtz-calcite stringers zone @ 0 & 45 & 90dca; quartz + ank decreases downhole								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grades into								
		293.7-296.9 medium grey, massive, carb zone, very fg- very destructive alteration, no original texture with weak - minor buff sericitic bleach zone stringers & masses throughout & rare quartz threads with 296.0-296.9 white quartz stringer (pyritic <10%) stockwork & lower below a brown (biotic) alt'n selvages grades into @ 90dca								
296.9	307.5	Carb'd Mafic Volcanic	16497	296.90	300.00	3.10	31	45		
		Medium grey, fg becoming & grades downhole to mg & cg, massive	16498	300.00	305.00	5.00	26			
		altered volcanic, stringered with minor 0.1-0.3ft pale grey	16499	305.00	307.50	2.50	5			
		cherty irreg quartz stringers & veinlets @ 130-120dca flats								
		A6, cc incr. downhole, m0,								
		wkly chlc from 305-307.5ft								
		NSM								
		Irreg bottom contact -flamed @ 65dca on top of grey quartz veinlet								
307.5	456.1	Magnetic Gabbro	16500	307.50	308.40	0.90	21			
		green, cg, massive, wkly fol'd & banded	16501	308.40	310.10	1.70	15			
		variable late white qtz-calcite threads, stringers, & veinlets	16502	310.10	315.10	5.00	19			
		mostly as flats throughout	16503	335.00	340.00	5.00	2			
			16504	340.00	345.00	5.00	NIL			
		307.5-334.4 a0, cc0-1	16505	345.00	350.00	5.00	NIL			
		307.5-310.1 mo	16506	350.00	355.00	5.00	15	10		
		310.1-314.9 m1	16507	355.00	360.00	5.00	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		314.9-317 m3-4	16508	360.00	365.00	5.00	2			
		317-346.3 m6/4	16509	365.00	370.00	5.00	NIL			
		346.3-348.9 m1	16510	370.00	375.00	5.00	NIL			
		348.9-356.8 m0	16511	375.00	380.00	5.00	NIL			
		356.8-363.7 m1/2	16512	450.00	455.00	5.00	NIL			
		363.7-401.8 m4-6								
		401.8-405 m1								
		405-406.1 m2								
		406.1-410.5 m0								
		410.5-456.1 m0								
		334.4-341 a1/2								
		341-390 a0								
		390-403 a2								
		403-410.5 a1								
		410.5-456.1 a2								
		307.5-375 cc4-6								
		375-410.5 cc0-trace & stringers, threads								
		410.-456.1 cc1-2								
		307.5-308.4 chill zone (cz) with +20% pale grey quartz veinlets & stringers decr downhole @ 55-35 dca; grades into								
		308.4-320.0 mg, wkly fol'd gabbro, mag. response incr. downhole grades @ 50 dca into								
		320.0-335.0 cg gabbro								
		335.0-361.0 +10% white qtz-calcite str zone developed parallel to foliation 45-40 + 0 occ 115+70								
		361.0-438.0 thick banded very cg & f & mg gabbro								
		438.0-456.1 chill zone grades finer downhole becoming wkly								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		foliated/very narrowly banded								
		bottom contact @ 70dca on quartz stringers zone /0.1ft								
456.1	471.3	Mafic Volcanic	16513	455.00	457.00	2.00	27	22		
		Green, f & medium g, thin bedded to thin banded, mod qtz	16514	457.00	462.00	5.00	15			
		stringers parallel to foliation & wkly xcutting, massive, bands	16515	462.00	465.00	3.00	NIL			
		volcanics intercalated with minor bands hyaloclastite tuff	16516	465.00	468.10	3.10	NIL			
		&/breccia, prob mafic pillow sequence	16517	468.10	471.30	3.20	NIL			
		A0,cc var, m0								
		No significant mineralization								
		Bottom contact @ 72dca undulating								
471.3	471.9	Felsite								
		grey, aphanitic, massive, wkly crackeled & chlorite threaded								
		highly chilled alter'd intermediate intrusive/sill								
		Carb0, m0								
		Bottom contact @ 60dca rotated 90 clockwise & xcutting								
471.9	494.8	Mafic Volcanic	16518	471.30	472.00	0.70	NIL			
		Green, fg, medium bedded, massive volcanic intercalated with	16519	472.00	475.00	3.00	9	12		
		med-thick bedded tuff /hyalo tuff -probably pillow sequence,								
		weak foliation @ 75-65dca								
		A0, calcite trace with minor qtz-calcite stringers & threads								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		& locally very weak white alteration spots- calcite minor green chlorite threads /pillow rims selvages 494.1-494.8 thin bedded amyboid chilled p. breccia or flow top strat tops face downhole; bottom contact flamed @ 58dca sptf								
494.8	522.8	UltraMafic Volcanic Flow grey, fg, massive, mod talcose, wkly chlc, weak calcite & qcc & chlorite stringers & threads & masses throughout A0, m0, cc2 Bottom contact approx 75dca - partly ground core	16520	493.50	495.50	2.00	2			
522.8	540.5	Folded Mafic Tuff & Flow green, very fg, medium -thickly bedded mafic tuff & intercalated mod sheared mafic volcanic - CA's rotating & flip/5-8' throughout A3, cc2-4,m0 tr-very cg py cubes 522.8-523.5 cls, bottom contact approx 92dca 523.5-529.4 mafic tuff, upper half CA's approx 80-90 hinge @ 525.8-526.4, 527.5 CA=125, 529.4 bottom contact @ 39dca sharp 529.4-539.5 mod sheared volcanic shty @ 40-25dca grades into 539.5-540.5 wkly biotic graded tuff mafic, s0 120 bottom contact @ 100dca scoured	16521	535.00	540.50	5.50	[illegible]			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
540.5	545.7	Chlorite Schist green, fg, massive to very finely schistose minor qc threads parallel to schistosity, wkly talcose throughout A0, cc0, m0 Bottom contact undulating @ 80 on alteration front xcuts schist at 47dca	16522	540.50	545.70	5.20	NIL			
545.7	548.1	Partly Melted Contact Zone dark green-grey, massive, fg top contact grading to knotted mg assimilation contact zone decreasing downhole A0, c0, m0 Nsm Bottom contact vague & irreg/0.1'	16523	545.70	548.10	2.40	NIL			
548.1	558.1	Grey Feldspar Porphyry grey with pink hem staining, wkly feld porphyritic m-cg intrusive, massive with minor late white quartz stringers & veinlet flats & rare irreg green chlorite stringers margins wkly chilled A & c0, m0 Irreg bottom contact approx 95-100dca	16524 16525	548.10 553.10	553.10 558.10	5.00 5.00	NIL NIL			
558.1	560.7	Contact Zone	16526	558.10	560.70	2.60	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		pale grey & green								
		558.1-559.3 pale grey felsite intrusive, breccia & chlorite stringers , weak schsty @ 58dca, grades into								
		559.3-560.7 green cls with occ felsite fingers & irreg qc str, knots & swirls, Grades @ 75dca into								
560.7	564.6	Altered Ultra Mafic Volcanic	16527	560.70	561.70	1.00	NIL			
		Green & grey, fg, massive to coarsely brecciated & swirled, high	16528	561.70	564.60	2.90	NIL			
		chlorite, mod- wkly talcose								
		rare white qcc stringers & veinlets throughout								
		grades into								
564.6	585.7	Chlorite Schist	16529	564.60	568.50	3.90	NIL			
		green, very fg, massive, white qcc knots, strong wall rock	16530	568.50	571.50	3.00	NIL			
		alteration zone	16531	571.50	576.90	5.40	5			
			16532	576.90	581.90	5.00	5			
		qcc stringers, veinlets & threads incr downhole	16532	581.90	585.70	3.80	2	7		
		highly crackeled, no significant fabric to 581.9ft,								
		mod banding & foliation @ 55-65dca to 585.7ft								
		Bottom contact @ 34dca wkly undulating								
585.7	589.8	Quartz Vein								
		white, massive, bull vein, minor green chlorite wisps & threads								
		& occ lenses, weak calcite on fractures								
		Bottom contact ribboned & quartz stringered/0.1' @ 55dca								
589.8	595.9	Chlorite Schist	16534	585.70	589.90	4.20	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green, massive, very fg, highly altered wall rock to vein,	16535	589.90	592.90	3.00	21	15		
		Minor quartz stringers developed @ 55dca in top section	16536	592.90	595.90	3.00	2			
		decreasing to white alteration spots- calcite & rare threads								
		downhole; grades into								
595.9	624.6	Ultramafic Volcanic/Talc-Chloritic Schist	16537	595.90	600.90	5.00	7			
		medium grey, massive & featureless, highly altered talc schist	16538	620.00	624.60	4.60	2			
		with minor white alteration spots- calcite & occ qcc threads &								
		stringers xcutting throughout, rare banding/foliation @ 40dca								
		A0, cc2-4, m0								
		grades into								
624.6	633.8	Quartz Stringered Chlorite Schist	16539	624.60	629.60	5.00	NIL			
		green & white, fg, thick lam, mod - wkly schistose chlorite	16540	629.60	633.30	3.70	7			
		schist, very very wkly talcose intercalated with white qcc								
		stringers, veinlets & threads developed spts @ 50-35dca								
		Grades @ 30dca into								
633.8	685.1	Grey Intermediate Intrusive	16541	633.30	635.50	2.20	3	3		
		medium- pale grey, m-cg, wkly feld porphrytic intermediate	16542	635.50	639.00	3.50	2			
		massive intrusive, well quartz stringered in top section with	16543	639.00	642.50	3.50	14			
		quartz stringers, veins & veinlets decreasing downhole to occ	16544	642.50	646.00	3.50	3			
		stringers & threads irreg developed throughout	16545	646.00	651.00	5.00	5			
			16546	651.00	656.00	5.00	NIL			
		Trace weak ser occ @ qv walls	16547	656.00	661.00	5.00	3			
		a0, minor calcite, m0	16548	661.00	666.00	5.00	12			
			16549	666.00	671.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Minor cg py as irreg threads & clasts associated with quartz	16550	671.00	676.00	5.00	NIL			
		veining	16551	676.00	681.00	5.00	NIL			
			16552	681.00	685.10	4.10	NIL			
		Bottom contact @ 62dca sharp								
685.1	690.9	Chlorite Schist	16553	685.10	690.00	4.90	NIL	2		
		Green, fg, massive, alteration wall, mod. crackle & sealed with								
		weak qcc threads & stringers								
		A&C trace, m0								
		Minor py threads on fractures @ 689.0-690.5								
		grades into								
690.9	714.9	Mafic Volcanic	16554	690.00	692.00	2.00	2			
		Medium green, fg, massive to locally thick bedded mod cracked &	16554	692.00	697.00	5.00	3			
		sealed with white calcite +qcc threads	16556	712.10	714.50	2.40	9			
		local weak foliation @ 40dca on band/ lam sections								
		prob pillowed								
		A0,c0. M0								
		No significant mineralization								
		bottom contact on quartz stringer @ approx 90dca								
714.9	716.9	Quartz-Feldspar Porphyry	16557	714.50	715.50	1.00	NIL			
		dark grey, m-cg, wkly porphrytic, massive, mod quartz stringered								
		& veined @ 80 & 45 dca								
		A0, calcite rt-2, m0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		No significant mineralization except for some very cg anhedral py developed tc of quartz stringer 715.0								
		Bottom contact @ 60dca sharp								
716.9	722.0	Mafic Volcanic	16558	715.50	717.10	1.60	3			
		Green , banded volcanic, (similar to 690.9-714.9)	16559	717.10	722.00	4.90	2			
		Mod qcc stringers & threads throughout								
		foliation @ 53 dca								
		No significant carb								
		mod quartz calcite stringers, threads, & diss								
		1% medium & cg diss py cubes								
		718.85 .15' QFP stringer xcutting as wedge								
		Bottom contact @ 50 dca sharp, undulating								
722.0	723.9	Ultra Mafic Volcanic								
		grey, fg, finely foliated, wkly talcose								
		bottom contact sharp @ 60 dca parallel to foliation								
723.9	754.5	Mafic Volcanic	16560	750.10	754.50	4.40	10	12		
		Green, fg, massive, wkly fractured/brecciated with minor								
		intercalated qcc thread sealed strongly foliated volc. bands								
		/med-thin beds of hyalotuff - locally kinked								
		fracturing & white qcc threads, lenses & knot incr downhole								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Az-1, cc2, m0								
		Trace diss py qcc stringers 3% incr to +10% downhole								
		734 fol/banded @ 68dca 742 foliation @ 92dca on hyalotuff bed 748 weak schistocity @ 58 & 30dca								
		Bottom contact @ 8dca								
754.5	754.8	Fault -brittle low angle, green chloritic fault seam @ 8dca/0.05'								
754.8	757.7	Mafic Volcanic (Similar to 723.9-754.9) green, fg, massive, highly fractured & sealed with +10% white qcc threads net veining & irreg lenses & wispy, massive very very weak banding/schistocity @ 30 & 140dca								
		A trace, cc2/0, m0 trace tour / bl chlorite rarely dev'd @ qcc thread margins								
		No significant mineralization								
		Bottom contact sharp @ 26dca								
757.7	757.9	Fault green, chloritic, brittle fault slip TW=0.06' @ CA=26dca xcuts lower unit								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
757.9	761.1	Mafic Tuff green & white carb banded, thin bedded, fg, wkly crenulated, minor 45dca slips showing dextral movement/0.01', bedding @ 140-130dca A4-3, cc3, mo No significant mineralization Bottom contact sharp @ 120dca, stepped & scoured stratigraphic tops face downhole								
761.1	859.4	Pillowed Mafic Volcanic Green & pale green, very fg medium pillowed beds, marked by colour banding & thermal fractures, qc sealing breccia stringers & occ intercalated hyalotuff +/ pillow breccia A1-3, cc1-1 & 2, m0 +10% white qcc stringers & threads & lense locally undulating down core or parallel to foliation / on pillow rims No significant mineralization except for some strong cc6 pyritic bands developed @ 810.9/0.15' with 10% very fg diss py & weak -medium banded cc6, trace py 812-815 & brecciated/3, 820.2-820.5w 10% very fg py @ approx 90dca 786.0 -trace sphalerite threads (brown) as very fine hairs as margin to qcc stringers	16561	800.00	805.00	5.00	14			
			16562	805.00	810.00	5.00	NIL			
			16563	810.00	812.00	2.00	22			
			16564	812.00	815.00	3.00	22			
			16565	815.00	820.00	5.00	7			
			16566	820.00	821.00	1.00	17			
			16567	821.00	825.00	4.00	7			
			16568	850.00	855.00	5.00	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Bottom contact @ 58 dca, bit wavey								
859.4	861.9	Mafic Tuff & Interflow Sediments green & grey, medium bedded, fg, thick lam, mafic ash tuff, re-worked tuff & thin lam'd grey mudstone s0 @ 58-40dca, tops scoured & flamed downhole								
		A2-4, cc0, m0								
		bottom contact @ 85 on irreg scour								
861.9	869.9	Pillowed Mafic Volcanic (Similar to 761.1-859.4)								
		864.5-869.3 40% medium - thin bedded flow with stringers of m-cg mafic intrusion dev'd as 0.2-0.5' bands & lens & half moons throughout @ 70,20,0 & 130 dca								
		Bottom contact @ 70dca sharp								
869.9	898.4	Mafic Dyke/Gabbro grey, m-fg, massive, wkly fractured & sealed with gr chlorite threads &/white qcc threads, veins; margins chilled	16569	875.00	880.00	5.00	46			
		A0, cc0-2, m0 weak white alteration spots- calcite mod- weak leacox in center								
		No significant mineralization								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bottom contact sharp @ 52dca on quartz stringer								
898.4	979.4	Pillowed Mafic Volcanic	16570	910.00	915.00	5.00	10			
		Green & pale grey, medium pillow sacks & occ med. beds	16571	965.00	970.00	5.00	48			
		hyalotuff	16572	970.00	974.20	4.20	27			
			16573	974.20	978.50	4.30	22			
		A4-2, cc0-2, mo								
		weak qcc threads								
		cc6-5 banding incr downhole with decr in ank to 0/ last 10'								
		No significant mineralization								
		974.2-979.1 mafic tuff band, cc6+ & bleaching downhole, CA's @ 90-70dca- mod crenulation in "M" kinks throughout grades into								
		979.1-979.4 pale grey & green calcite carb band with 3% fine py threads								
		Bottom contact sharp @ 49dca								
979.4	981.0	Gabbro	16574	978.50	979.45	0.95	21			
		green, m-cg, massive	16574	979.45	981.00	1.55	31	41		
		a2, c0, m0								
		No significant mineralization								
		981.0 ft EOH (Drillers rpt 299.0m (981 ft))								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnieriunas
Nov. 16/02, on site

Cemented top of hole from 200 to 300 feet and pulled casing

Hole Survey Note:
Values flagged + are assumed dip/bearings for mid-pt plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
104.30	-40.60+	55.60+
208.60	-40.60	55.60
297.20	-39.20+	
385.80	-39.20	
484.20	-37.50+	55.70+
582.60	-37.50	55.70
690.85	-38.30+	
799.10	-38.30	58.80+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-06

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
799.10	-38.30	58.80+
882.80	-35.90+	58.80+
966.50	-35.90	58.80

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-07
Collar Eastings: 7802.00
Collar Northings: 2430.00
Collar Elevation: 7963.00
Grid: 2002 Imperial
Dates: Nov.14/02 CLAIMS: 122487 & MR5402

Collar Inclination: -45.00
Grid Bearing: 1.00
Final Depth: 298.10 feet
POWELL TP.; L78E/24+30N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 19, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.00	3.7	Mafic Volcanic Green grey, fg, massive, wkly fractured & sealed with qcc stringers & threads a0, c4, m0 2% fg diss py Bottom contact @ 60dca	16622	0.00	3.00	3.00	NIL			
3.7	4.2	Cherty Mudstone grey & greenish grey, vvfg, thin bedded, bedding @ 65-58dca with lower contacts occ wkly scoured +/wkly flamed showing strat tops face downhole A3,cc trace, m0 No significant mineralization Bottom contact @ 52dca								
4.2	25.15	Mafic Volcanic Green & green-grey, fg, med-thick bedding in part pillowed & massive flows & minor intercalated pillow breccia /tuff, mod qc stringers & threads & mod WAC (white alteration spots-calcite) dev'd thro	16623	3.00	5.00	2.00	NIL			
			16624	5.00	10.00	5.00	NIL			
			16625	10.00	15.00	5.00	NIL			
			16626	15.00	20.00	5.00	NIL			
			16627	20.00	24.80	4.80	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-07

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0-1+2, cc1-3 & 0 @ base, m0								
		1%-trace py as minor lenses, wisps, stringers, & f-mg diss grains								
		7.2 foliation @ 55 dca								
		7.7-25.15 thick lam, mod sheared looking pbx (pillow breccia)								
		well foliated @ 15-0-170dca undulating downhole								
		bottom contact @ 85 xcutting & flamed foliation of 44dca								
25.15	25.55	Felsite								
		pale grey, fg, chilled with vague m-cg feldspar shadows								
		Carb0, m0								
		no significant mineralization								
		bottom contact @ 41dca, limomitic on broken core								
25.55	100.0	Mafic Volcanic	16628	24.80	25.80	1.00	NIL			
		Green, fg, m-thick bedded, massive pillowed volcanic intercalated	16629	25.80	30.00	4.20	NIL			
		with minor mb (med. bedded) hyalotuff, minor- medium white qc	16630	30.00	35.00	5.00	2			
		stringers, threads, & flamed lenses throughout	16631	35.00	40.00	5.00	3			
			16632	40.00	45.00	5.00	31			
		hyalotuff beds generally wkly -mod qcc altered & filled	16633	45.00	50.00	5.00	69			
			16634	50.00	55.00	5.00	86			
		A1-0, cc1-5, m0	16635	55.00	60.00	5.00	NIL	NIL		
			16636	60.00	65.00	5.00	24			
		Trace-3% diss m-cg py & occ lenses & diss bands decr downhole to	16637	65.00	70.00	5.00	39			
		trace	16638	70.00	75.00	5.00	33			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-07

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		see sample log	16639	75.00	80.00	5.00	NIL			
			16640	80.00	85.00	5.00	NIL			
		64.0 s0 @ 62dca on tuff bed	16641	85.00	90.00	5.00	NIL			
		77.1-77.9 tuff bed @ 60dca	16642	90.00	95.00	5.00	NIL	NIL		
		grades into	16643	95.00	100.00	5.00	NIL			
100.0	110.0	Mafic Volcanic	16644	100.00	105.00	5.00	NIL			
		green ,fg, massive, very wk pale green-grey calcite alteration	16644	105.00	110.00	5.00	NIL			
		bands developed parallel to foliation 100.9-101.7 50dca &								
		106.8-107.4 @ 53dca								
		A0, cc3, m0								
		1-2% diss mg py								
		grades into								
110.0	256.0	Mafic Pillowed Volcanic	16646	160.00	165.00	5.00	2			
		(Similar to 25.55-100.0)	16647	210.00	215.00	5.00	22			
			16648	250.00	255.00	5.00	110			
		110.0-125 a0, cc0-1, m0								
		125-256 a1-2, cc2, m0, with occ minor mafic band 0.5-1.5ft of								
		weak sil'n & weak epid bands & balls								
		Tr-locally 1/2% py grains, m-vvcg diss as subhedral-euhedral,								
		coarse cubes & occ minor lenses								
		189 s1 @ 66dca								
		246.5 s1 @ 52dca								
		Bottom contact approx 90dca on TC (top contact) of PM (partially								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-07

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		melted) reaction rim xcutting sl foliation of 62dca								
256	288.6	Ultramafic Volcanic/Talc-chlorite Schist	16649	255.00	257.00	2.00	NIL			
		grey, fg, massive, wkly pale grey carb knotted -poss showing very	16650	257.00	260.00	3.00	NIL			
		vague relic spinfex blade textures very very cg	16651	275.30	280.00	4.70	69			
			16652	280.00	285.00	5.00	21			
		A0, c2, m0	16653	285.00	288.60	3.60	5			
		becoming trace a2 in lower 1/2 sequence								
		No significant mineralization								
		256-256.25 green talcose, vfg, chlorite reaction rim - basal flow contact? 256.25-275.3 grey talc schist - poss weak relic spinfex, minor slips @ 15-20dca, thick bedded flow with weak foliation of 35dca, bottom contact @ 40dca sharp 275.3-280.0 fg, very finely t. lam'd, massive looking talc +trace chlorite schist/umv flow, sl @ 30-35dca, grades into 280.0-298.6 talcose, very fg, chilled umv flow - massive- no texture, bottom contact sharp @ 29dca								
288.6	290.2	Mafic Volcanic Breccia	16654	288.60	290.20	1.60	29	22		
		green-grey, fg, coarse monolithic angular & blocky clast								
		supported breccia, very faint foliation @ 35 & 55dca								
		bottom contact sharp @ 52dca								
290.2	298.1	Mafic Volcanic	16655	290.20	295.00	4.80	7			
		Green, fg, massive -mod qcc threads	16655	295.00	298.10	3.10	14			
		A tr, cc1-3, mo								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-07

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

weak white alteration spots- calcite throughout

No significant mineralization

290.2-291 mod thermal fractured & qcc thread sealed, fractures
decr downhole

298.1 ft EOH (Drillers rpt 91m / 298.6ft)

Logged by R.V. Zalnieriunas
Nov.19/02 on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
91.20	-44.30+	359.40+
182.40	-44.30	359.40
233.25	-44.30+	1.10+
284.10	-44.30	1.10

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08
Collar Eastings: 8200.00
Collar Northings: 2660.00
Collar Elevation: 7972.00
Grid: 2002 Imperial
Dates: Nov. 15-20/02

Collar Inclination: -45.00
Grid Bearing: 335.00
Final Depth: 1332.00 feet
POWELL TP.; CLAIM: MR 5402 L82E/26+60N
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: November 24, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	3.3	Casing 0-1ft overburden 1-3.3ft blocky & broken mafic volcanic core								
3.3	16.8	Mafic Volcanic green, fg, massive to wkly banded & very wkly foliated @ 49dca, minor qcc irreg stringers & threads, weak WAC (white alteration spots- calcite) A2, c4, m2 No significant mineralization grades into								
16.8	26.0	Mafic Volcanic green & pale green, fg, thinly banded, wkly sheared looking, wkly recrystallized with s1 (schistosity) bands of pale green, strong carb & alternating lower carb bands as undulating bands (arranged as open "Z" kinks & crenulations) mod alt'd & sheared volcanic A1, c3, m2 trace py 17.0 shear kink band @ 130dca	16657 16658	16.80 21.00	21.00 26.00	4.20 5.00	5 3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		17.0-18.0 1/2 moon banding & minor slips 18.0-26.0 undulating s1 from 47 to 25 & 40dca downhole overall flattening downhole grades @ 18dca parallel to foliation into								
26.0	37.8	Altered Mafic Volcanic Grey, green-grey & white, fg, thick lam, bit swirled & partly cooked & pm (partly melted) metamorphic reaction zone/contact zone (ctz) Alteration increasing downhole noted mainly as increase in irreg qtz-calcite string sweats, stringers, & weak ass'd py trace with py increasing downhole parallel to foliation on s1/s2 @ 15-160dca undulating downhole Weak later green chlorite slips @ 70-50dca developed in lower half of section A0 throughout, c3-6, m2 Trace py increasing to 5% py as weak parallel to foliation stringers & diss beds downhole ass'd with qcc stringers & threads & masses Bottom contact @ 22dca parallel to foliation	16659 16660 16661	26.00 29.30 33.00	29.30 33.00 37.80	3.30 3.70 4.80	NIL 50 21			
37.8	40.6	Limonitic Contact Zone (ctz) Pale yellow-brown to brown grey, fg, vuggy & very earthy Fe-oxide zone wkly schistose @ 0-170dca Rare coarse irreg cc/qcc knots diss as lenses elongated along Fe-oxide fractures approx 160dca	16662	37.80	40.60	2.80	21			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		No significant mineralization								
		37.8-approx39.0 very vuggy open broken & blocky core, s1 @ 0dca in strong oxide zone, grades into								
		39.0-40.6 green, altered volcanic, stringered & lam with thin lam of earthy Fe-oxide stringers (40%)Fe-oxide decr downhole to nil/1ft; s1 @ 170-160dca(tension fractures)								
		Bottom contact @ 29dca								
40.6	92.4	Porphritic Syenite	16663	40.60	45.00	4.40	5			
		pink & wkly brownish-red, bit mottled mg syn'c matrix with m-cg	16664	45.00	50.00	5.00	2			
		white pinkish feldspar megacrysts; weak green chl'c matrix & rare	16665	50.00	55.00	5.00	NIL			
		chl threads coarsely banded throughout increasing downhole to	16666	55.00	60.00	5.00	NIL			
		very weak chloritic assimilation zone in lower section;	16667	60.00	65.00	5.00	3	7		
		weak buff destructive seric/clay alt'n matrix as very weak bands	16668	65.00	70.00	5.00	NIL			
		minor white qcc +/qts stringers flats @ 125-150 & occ 60dca steep	16669	70.00	75.00	5.00	NIL			
		stringers	16670	75.00	78.00	3.00	NIL			
			16671	78.00	83.00	5.00	5			
		A0, cc0-1/2, m0 with m4 volcanic xeno's	16672	83.00	88.00	5.00	12			
			16673	88.00	92.40	4.40	NIL			
		Tr-locally 2% f-vfg diss py throughout, lower contact bit								
		elevated in diss py; no significant pyritization of xeno's/halos								
		to quartz flats- rel dry looking intrusion:								
		50.80-50.8 irreg. partial assimilation & qcc stringering of volcanic xeno patches; tc=160, bc @ 20dca flamed & digested								
		weak 3-4% fg py ass'd with qc stringers								
		78.0-82.3 weak chl'c dirty ass'n zone- greenish pink mottled								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		82.3-82.7 chlorite schist volcanic xenolith								
		92.4 undulating xcutting intrusive contact approx 56dca rotated 30dca counterclockwise								
92.4	126.6	Altered Metamafic volcanic Reaction Rim	16674	92.40	96.00	3.60	NIL			
		grey to green grey, thick banded, various reactive metamorphic	16675	96.00	98.00	2.00	NIL			
		contact aureal as follows:	16676	98.00	102.90	4.90	17			
			16677	102.90	104.00	1.10	2			
		A0, c3-5, m1-5	16678	104.00	106.00	2.00	NIL	NIL		
			16679	106.00	110.00	4.00	NIL			
		trace-10% py as minor diss stringers +/diss bands ass'd with	16679	110.00	115.00	5.00	NIL			
		white qcc lams, threads, & stringers thickly banded but overall	16681	115.00	119.50	4.50	3			
		pyrite decreasing downhole (see sample log)	16682	119.50	124.00	4.50	7			
			16683	124.00	126.60	2.60	NIL			
		92.4-95.6 grey, vfg wkly biotic, cooked metavolcanic- massive @ top becoming vv finely lam'd & bit crenulated downhole @ 47dca as open "S" crenulations, grades into								
		95.6-96.2 grey & white, mod foliated, thin lam volcanic & intercalated qcc stringers 30% developed ptf; grades into								
		96.2-102.9 greenish grey, wkly chl'c grey mvo(similar to above), strongly qcc stringered as fine- thin lam parallel to foliation +/ xcutting @ 7dca with ass'd fg diss py dev'd at qcc stringer & thread walls, qcc decr downole from 60% to 5%, undulating open "S" sharp contact/0.5ft @ approx 9dca								
		102.9-104.9 mod grey carb bleach zone medium white calcite crackle threads @ 39dca & rare 0dca & 160dca flats, Local green chlorite margins on vein knots; weak vfg diss py throughout; grades @ 30dca parallel to foliation into								
		104.9-126.6 green & pale green, thin- thick lam, mod sheared								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		looking 4mvo, carb'd calcite throughout mostly ass'd with paler green laminations, weak white alteration spots- calcite (WAC), local fine massive magnetite threads +/ stringers dev'd parallel to foliation / schistosity, shearing decreasing downhole; local grey calcite BZ (bleach zone) bands developed parallel to schistosity at: 114.5 to approx 115ft at 31dca, 122.5-133.4ft as very diffuse walls, 124.0-126.6ft - vvwk bleaching & mod-strong qcc/calcite stringers parallel to foliation @ 15-35dca								
		126.6 bottom contact @ 29 dca, crenulated & undulating sharp								
126.6	160.0	Mafic Volcanic	16684	126.60	131.70	5.10	NIL			
		green, fg, massive, mod fractured & sealed with white calcite	16685	131.70	135.40	3.70	NIL			
		threads, stringers, knots, & irreg patches locally wkly pyritic	16686	135.40	138.70	3.30	NIL			
		weak WAC white alteration spots- calcite, +/ cc amygduals	16687	138.70	143.00	4.30	NIL			
		weak banding/foliation @ 30 -35dca and local open "S"	16688	143.00	148.00	5.00	3			
		crenulations / 0.5'	16689	148.00	150.00	2.00	5	NIL		
			16690	150.00	155.00	5.00	NIL			
		126.6-148 massive + calcite crackle thds	16691	155.00	160.00	5.00	3			
		148.0-150.0 thin lam- thin bedded mafic hyalotuff, mod crenulated @ 45-20dca, bottom contact approx 45dca								
		150.0-150.9 massive mvo -calcite crackled								
		150.9-160.0 green, fg, medium banded, m-thick bedded hyalotuff & pillow breccia grading more massive looking downhole, weak cg white alteration spots- calcite /amygduals thro. locally pale pea green quartz -epid bands & patches throughout; Weak banding/foliation in section @ 30-45dca,								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		minor weak dark green chlorite banding developed parallel to schistosity thoughout, wkly stronger downhole; Grades into next unit -massive, no textures								
160.0	177.85	Altered Mafic Volcanic	16692	160.00	165.00	5.00	NIL			
		medium green , fg, massive, cracked & sealed with white calcite	16693	165.00	170.00	5.00	NIL			
		stringers, threads, & knots (irreg) parallel to foliation @ 65dca	16694	170.00	174.10	4.10	NIL			
		weak -strong white alteration spots- calcite bands incr downhole	16695	174.10	176.70	2.60	5			
		weak dark green chlorite bands/0.1-0.2 developed localy over 1-2'	16696	176.70	177.85	1.15	NIL			
		A2-0, cc6-5, ml-5 incr downhole								
		Trace-2% py overall trace								
		Bottom contact sharp @ 60dca								
177.85	181.2	Carb'd Contact Zone	16697	177.85	181.20	3.35	19			
		grey & pale green, thick banded to partly swirled & PM (partly melted) strongly altered mafic volcanic forming reactive contact aureole; mod dark green chlorite band dev'd/last 1'								
		Banding @ 130 & 70 dca								
		weak slips @ 31dca								
		A tr, c6, m3								
		<1/2% py								
		PM undulating, bottom contact @ 110dca rotating 60 counterclockwise								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
181.2	183.7	Porphritic Syenite pink & brownish red, f-mg massive matrix, <15% m-cg porph'c feldspar megacrysts subhedral - vague in central part of section; very weak green chloritic matrix; trace qcc threads sealing fractures @ 55, 75, 95, & 135dca Carb a & c=0, m0 No significant mineralization Bottom contact wkly diffuse & PM @ 75dca sub parallel to foliation								
183.7	205.0	Chloritic Mafic Volcanic green, mg, massive, recrystallized showing faint local banding/ very weak foliation @ 75dca/1-2' Wkly cracked & sealed with calcite threads @ 40,60 & 75dca & irreg knots -weak chlorite metamorphic annealling A0, cc5-3, M3-1 No significant mineralization, locally trace py grades into	16698	181.2[illegible]	183.80	2.60	NIL	NIL		
			16699	183.80	186.80	3.00	NIL			
			16700	186.80	191.10	4.30	3			
			16701	191.10	195.00	3.90	NIL			
			16702	195.00	199.50	4.50	5			
			16703	199.50	201.50	2.00	NIL			
			16704	201.50	205.00	3.50	NIL			
205.0	282.0	Mafic Volcanic green, fg, thick bedded massive flows intercalated with thin bedded pillowed sections & occ thin bedded -mod hyalotuff +/ pillow breccia, weak qc +calcite crackle threads (irreg) & occ irreg magnetite stringers xcutting	16705	205.00	210.00	5.00	NIL			
			16705	210.00	215.00	5.00	NIL	NIL		
			16707	231.00	233.00	2.00	NIL			
			16708	252.00	255.00	3.00	5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2-1, cc1-3, m1 & 5 No significant mineralization trace mg cp splash wall to magnetite thr & stringer mass 231.85ft 205.0-243.1 massive flow weak bleach zone bands, locally weak epid developed & mag stringers, BC @ 45dca ptf 243.1-244.5 hyalotuff, s0 & bottom contact @ 52dca 244.5-245.8 massive flow, bottom contact @ 32dca -scoured 245.8-251.4 hyalotuff, s0 @ 55 & 45 -bit wedged, Bottom contact irreg & scoured - tops face downhole at approx 25dca based on xcutting scours on s0 bedding planes 251.4-261.8 massive flow -bottom contact scoured @ 66dca weak foliation approx 46dca 261.8-262.7 hyalotuff, so 65dca; bottom contact 52 bit wedged 262.7-277.0 massive & pillowed med.bedded mafic volc. flow & minor intercalated pb/tuff <0.2'; ifs (interflow seds) at 42-45dca; grades into 277.0-281.6 fg chill zone wkly bleached looking, massive , Bottom contact @ 65 dca sharp 281.6-282.0 thin bedded tuff/flow top, well foliated @ 72-64dca, qc matrix flooded; bottom contact @ 65dca ptb on 0.05 qc stringer , flamed into underlying unit= replacement?								
282.0	319.2	Chloritic Arkose green to greenish grey, mg, massive very thick bedded arkose, rare late green chlorite xcutting stringers, weak WAC white alteration spots-calcite -vv weak foliation defined as chlorite alignment @ approx 65dca; overall grades finer grained downhole	16709	290.00	295.00	5.00	9			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c3-5, m0 Trace vfg rare diss py grains minor py 4%/1' developed as stringers threads near base @ 317.5-318.1 315.9-316.1 minor xcutting chilled synite stringer/band 316.1-317.5 weak bleach zone band & ass'd pervassive epid thds 317.5-318.1 4% f&mg py as stringers & threads parallel to foliation & dis throughout, CA=60 Bottom contact sharp on vfg graded top @ 56dca								
319.2	326.2	Weakly Graphitic Mafic Volcanic green & dark grey, fg, massive, wkly cracked & mottled/ incipient breccia looking rare qcc stringers with green chl'c walls , minor very dark grey graphitic irreg slips, net threads & minor lenses incr downhole A1, c0, m0 Trace-1% vcg py cubes & minor irreg MS threads 319.2-321.5 massive mvo (mafic volc) 321.5-321.6 dark green, wkly hormblend porph'ic, chilled mafic dyke/sill @ 51dca 321.6-323.7 graphitic mudstone slips or fractures & threads net veining & sealing weak brecciation throughout @ 56 & 135 (minor)dca	16710	320.00	325.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		323.7-323.8 weak minor dark grey disjointed Mafic Dyke stringer @ 25dca showing sinstral slip on 143dca jts/slips 323.8-326.2 massive fg to mg downhole mafic volc. minor quartz stringers as flats, Bottom contact sharp @ 134dca as flat oriented structure								
326.2	351.5	Diabase grey, f-mg, massive, weak diss mg magnetite throughout -margins chilled/1' to 4' A4, c0, m4-6 326.2-327.0 weak shear zone or sheared gf mudstone xeno @ s1=135dca Bottom contact @ 112dca sharp								
351.5	401.3	Mafic Volcanic Grey to green-grey , fg intercalated massive flows medium - thick bedded & fg ash tuff thin bedded -thin lam as thick beds as follows: A0-trace, cc1-2, m0 No significant mineralization 351.5-354.8 medium grey, aph, massive flow or pos vfg chilled diabase/MD (mafic dyke); non magnetic, bit bleached looking, mod qcc stringers & threads throughout; bottom contact very irreg & flamed as intrusive contact into lower unit	16711	351.50	356.90	5.40	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		@ approx 180dca 354.8-356.9 medium & dark grey mvo -massive minor gf slips & stringers developed throughout; trace- 1/2% diss py -mod qcc knots & stringers, weak banding @ 20 dca; wkly biotic, grades into 356.9-367.9 medium grey, aph -fg, massive mvo, mod qcc stringers & threads, thick bedded; bottom contact @ 56 dca parallel to foliation 367.9-370.7 ash tuff bed, thin lam, mg becoming wkly crenulated fg downhole; bottom contact @ 38dca 370.7-375.3 mvo, wkly brecciated, black chlorite threads parallel to schistosity 30 dca; bottom contact 55dca 375.3-377.5 mvo, mod foliation mg & fg; bottom contact undulating @ 37dca 377.5-379.6 mb, pale green, wk foliation, mg flow with weak grey green chlorite band @ 378.8-378.9 hosting vcg py cubes bottom contact sharp @ 78 xcuts foliation of 52dca 379.6-396.4 pale grey, fg, thick bedded weak foliation (48-42dca) mafic flows; bottom contact undulating @ 32 dca 396.4-401.3 green, thick lam, chl'c wkly shd/altered massive mvo bottom contact on minor cls band/reacton rim on broken core approx 45dca								
401.3	418.9	Ultramafic Volcanic/ TCS (talc-chl schist) dark green grey , fg, wkly foliated to massive chlorite + talc -trace carb schist - minor "S" kinks thro A0-trace, c0-2, m2/4 locally 3+ on long open "S" drag fold 410.0 -schistosity s1=40dca	16712	401.30	403.30	2.00	NIL	2		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		415.0 1/2 moon fold nose/1' 417.0 crenulation s1=90dca 418.0 s1=140dca Bottom contact @ 125dca								
418.9	419.2	Fault talcose loose fault gouge Bottom contact @ 60								
419.2	430.1	Talc Chlorite Schist (As 401.3-418.9) S1 cleavage flips from 60 to 150 to 35dca downhole a0, c0-2, m1-3 No significant mineralization white bull quartz vein @ 426.0-426.5 with tc approx 90 flamed & bottom contact approx 115 ribboned/0.1' 430.1 Bottom contact on broken core	16713	420.00	425.00	5.00	NIL			
430.1	432.8	Fault green talcose gouge & rock fragments, all broken & blocky throughout LC (lost core) approx 50%								
432.8	457.0	Talc Chlorite Schist								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		dk-medium grey, fg, massive, wkly fractured/ brecciated -no significant tectonic fabric -only slips due to volume change - poss very faint relic spinifex textures								
		A2, c2, m0								
		432.8-approx 435.0 pale green leach zone as wall to fault -still strong talc								
		becoming more massive looking downhole, grades into								
457.0	465.2	Faults & Talc Chlorite Schist grey tcs (as above) intercalated with 0.1-0.2ft talcose fault gouges @ 457.5, 460.2, 462.9-464.6 (lost core approx 1.0ft) All section very blocky & broken throughout								
		A1-2, cc0, m0 no significant mineralization								
		Grades into								
465.2	475.1	Talc Chlorite Schist (Similar to 432.8-457.0) grey, blocky throughout; ground & lost core @ 470.4-471.4 (LC = 0.6ft)								
		Approx 474-475.1 ground & knobbed core - loss approx 40%								
		a1, c0-1, m1								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Grades into								
475.1	607.2	Ultramafic Volcanic dark & medium grey -locally almost black when polished, f & mg, massive, polysutured & polygonally jointed - locally pillowed looking with occ serp stringers & dark green fuchsite lenses of massive, thin -medium bedded UMV flows showing thermal chilling & fracturing at flow contacts & minor intercalated breccia bands (basal &/ flow tops) & minor rare thick bands i/c pale grey tcs. Generally no tectonic textures - very well preserved section showing only minor white cc/dolomite stringers & threads A0, c2, m1-3 no significant mineralization	16714 16715	480.00 555.00	485.00 560.00	5.00 5.00	NIL NIL			
		Grades into								
607.2	620.3	Faulted Talc Schist Grey, vfg-very blocky & broken thro with occ preserved talcose fault gouge seams & sandy rubble - approx 20% GROUND & LOST CORE a0, c2, m0 grades into								
620.3	661.9	Carb'd Altered & Sheared Mafic-Ultramafic Volcanic Dark brownish green becoming medium grey down hole, f-mg, wkly sheared & strongly carb'd ultramafic to mafic volcanic A1-3, c4-6, m0	16716	650.00	655.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		wkly biotic throughout								
		No significant mineralization								
		620.3-632.0 vfg brownish green massive looking altered volcanic to cls (chl schist), weak fe-carb gndmass perv. thro; grades into 632.0-639.0 fg, wkly sheared & schistose cls; Ca's approx 15-170 undulating down core length; grades into 639.0-658.6 m-cg wkly sheared, highly calcitic gabbro, schty @ 45dca; bottom contact sharp @ 45dca 658.6-661.9 vfg, chloritic, massive volcanic; 1-2% medium & cg diss py; bottom contact @ 55dca sharp								
661.9	662.7	Fault medium green gouge & tcs @ 55-65dca grades into								
662.7	695.0	Talc-Chlorite Schist medium grey, vfg, very thick bands, massive tcs intercalated with thick bands of thick lam & wkly qcc knotted & stringered tcs, weak foliation @ 60-20dca	16717	690.00	694.00	4.00	NIL			
		A0, c0-1-2, m0								
		No significant mineralization								
		684.0-690.0 massive green chlorite schist -moderately talcose grades into 690.0-694.1 grey chl-talc-carb schist; grades into								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		694.1-695.0 chlorite schist- massive; bottom contact approx 90dca								
695.0	695.9	Volcanic Breccia green & grey, vfg, chilled, thick lam/ thin bedded wkly brecciated volcanic breccia -contact breccia looks bit sheared; foliation @ 83dca bottom contact sharp @ 50dca								
695.9	791.9	Mixed Mafic Volcanic	16718	694.00	696.00	2.00	NIL			
		intercalated mafic flows & tuff as below	16718	696.00	700.00	4.00	5	5		
			16720	715.00	720.00	5.00	5			
		Nil streaky becoming wkly streaky downhole below approx 765ft	16721	720.00	725.00	5.00	3			
			16722	725.00	730.00	5.00	7			
		overall A0, c1-2, m0	16723	730.00	733.00	3.00	NIL			
			16724	733.00	735.00	2.00	NIL			
		Trace-1/2% f & mg diss py & loc 2% diss py /1-2'	16725	735.00	740.00	5.00	NIL			
			16726	740.00	745.00	5.00	NIL			
		695.9-710.4 medium grey, f & mg, thick banded/thick bedded	16727	745.00	750.00	5.00	NIL			
		alternating mg, weakly foliated or wkly sheared flows &	16728	750.00	755.00	5.00	NIL			
		intercalated aph-vfg, massive mafic volc. bands;	16729	755.00	760.00	5.00	NIL			
		White qc stringers dev'd as flats or parallel to foliation	16730	760.00	765.00	5.00	NIL			
		foliation @ 55-50dca; 696.6 splash cp in hem stringer;	16731	765.00	770.00	5.00	NIL			
		bottom contact sharp @ 50dca	16732	770.00	775.00	5.00	NIL			
		710.4-725.0 green, mg, mod fol/wkly sheared gabbro/coarse massive	16733	775.00	780.00	5.00	NIL			
		flow, top margin bit chilled; foliation @ 50-45dca;	16734	780.00	782.50	2.50	NIL			
		a0-trace, cc5/6, m3-5; grades into	16735	782.50	785.00	2.50	NIL			
		725.0-730.0 gabbro xcut & stringered with qcc stringers 0.05'	16736	785.00	790.00	5.00	NIL			
		running & undulating down length of core & xcutting								
		80-90dca & 160dca & 20dca								
		a0, cc1, m1-3; grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		730.0-733.0 gabbro m-cg, foliation running length of core irreg crenulated bottom contact approx 90dca a0,cc1, m1 733.0-742.6 green, vfg chloritic ash tuff veined with contorted white qc stringers & knots throughout undulating down core as 1/2 moons & wedges, CA's rotating downhole bottom contact approx 50 rotated 60 counterclockwise 742.6-769.8 green, well foliated, m-cg to vcg gabbro/wkly sheared flow; foliation @ 30-0dca; A0,c1-2 & locally 4, m1; 751-756.3 weak silicification as irreg very pale green and buff patches & qcc stringers, threads & swirls, grades into 769.8-782.5 (similar to above) mod quartz & qc stringers, threads & swirls throughout (with rare quartz lenses)as irreg xcutting or undulating veining arranged as very large open "S"'s; Overall CA's approx 10-20+0; a1-3, cc0, stringers cc4; grades into 782.5-791.9 (similar to 742.6-769.8) mg, mod sheared looking pale-medium green wkly bleached & weakly carb'd looking - grades finer downhole; a1, cc0-stringers cc6, m0 Foliation @ 20-30- steeping to contact/7' bottom contact @ 50dca parallel to foliation								
791.9	795.35	Altered Mafic Volcanic dark @ pale green-grey, fg, thin - thick lam, bit contorted & carb'd +/ bleach zone spotted volcanic No original textures preserved foliation & bands @ 42dca Moderately streaky as thick laminations	16737	790.00	795.30	5.30	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bottom contact intrusive @ 60dca								
795.35	797.7	Syenite medium orangy pink, m-cg, wkly recrystalling, weak chlorite bands & threads @ 42dca rare Xcutting quartz stringers with black chlorite walls A tr as vf ank on fractures, cc0, m0 very weak wall rock ass'n Trace, fg diss py rare to 1-2% fg diss py throughout bottom contact vague & PM @ 55dca								
797.75	804.2	Altered & Mafic Volcanic	16738	795.30	797.80	2.50	NIL			
		(As 791.9-795.35)	16739	797.80	801.00	3.20	12			
		Thick lam & contorted & partly digested & swirled volcanic	16740	801.00	804.00	3.00	NIL			
		A1, cc0 (stains cc2), m0 moderately streaky 4mvo No significant mineralization bottom contact stepped, irreg & intrusive @ 40 dca								
804.2	812.0	Porphyritic Syenite	16741	804.00	808.00	4.00	NIL			
		graded yellow orange to orange-pink to pink @ base,	16742	808.00	812.00	4.00	NIL			
		f & cg, massive & locally banded, mod altered syn. porphry - matrix generally aph-vfg, massive hosting <10% relic porph'c feld								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		megacryst ghosts, <2% chlorite bands & digested wall rock xenolith bands; weak pale grey sericite banding & fine crackle thd banding; foliation approx 60-40dca								
		A0, c0, m0								
		Fg diss py throughout & on fractures								
		Bottom contact vague & PM/0.1 @ approx 75dca - xcutting								
812.0	826.4	Altered Mafic Volcanic	16742	812.00	815.00	3.00	10			
		(Similar to 791.9-795.35)	16744	815.00	820.00	5.00	5			
		Moderately streaky - thick lam'd	16745	820.00	822.50	2.50	NIL			
			16746	822.50	826.40	3.90	15			
		Bottom contact @ 50dca pts/foliation								
826.4	830.5	Altered Mafic Volcanic	16747	826.40	830.50	4.10	NIL			
		med-pale green, mg, mod foliation, very thickly banded to wkly sheared looking carb'd mvo with weak chlorite banding & minor white qcc stringers & threads dev'd parallel to foliation @ 47dca weak sil bands parallel to foliation & as rare flats spotty mg diss magnetite throughout								
		A2, c0 with threads, m4								
		Weak diss py								
		Bottom contact @ 46 parallel to foliation								
830.5	908.2	Altered Mafic Volcanic	16748	830.50	835.00	4.50	NIL			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		medium green-grey, fg, thick lam & banded, locally wkly contorted	16749	835.00	840.00	5.00	17			
		recrytallized mvo stringered & undulating with white qcc	16750	840.00	845.00	5.00	9	3		
		stringer threads, knots & white alteration spots- calcite	16751	845.00	850.00	5.00	NIL			
		throughout	16752	850.00	855.00	5.00	2			
			16753	855.00	860.00	5.00	5			
		A1, c0-3, m0	16754	860.00	865.00	5.00	NIL			
		3-10% quartz & carb	16755	865.00	870.00	5.00	NIL			
		mod-wkly streaky	16756	870.00	875.00	5.00	NIL			
			16757	875.00	880.00	5.00	NIL			
		Overall Tr-nil diss py	16758	880.00	885.00	5.00	NIL			
		2% py @ 890-895	16759	885.00	890.00	5.00	NIL			
			16760	890.00	895.00	5.00	NIL			
		847 s1 @ 32dca	16761	895.00	900.00	5.00	NIL			
		894 s1 @ 30dca	16762	900.00	905.00	5.00	5			
			16763	905.00	908.20	3.20	7			
		Bottom contact approx 37dca parallel to foliation								
		grades into								
908.2	925.7	Carb Spotted Mafic Volcanic	16764	908.20	913.00	4.80	NIL			
		med-dark green, fg, massive, highly chloritic, recrystalized	16765	913.00	918.00	5.00	NIL			
		volcanic spotted with +20-25% mg white anhedral to euhedral	16766	918.00	923.00	5.00	NIL			
		(square & rhomboidal) white carb xtals (no stain & no fizz on	16767	923.00	925.70	2.70	NIL			
		HCL therefore = dolomite = WAD (WHITE ALTERATION SPOTS-								
		DOLOMITE))								
		A2-4, c1-3, strong WAD, m0								
		No significant mineralization								
		Bottom contact @ 43dca sharp								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
925.7	936.0	Carb'd Mafic Volcanic	16767	925.70	930.00	4.30	3			
		med-pale green, f-m-cg, strongly recrystalized, chlorite spotted,	16769	930.00	935.00	5.00	NIL			
		mod sheared & wkly bleached & carbonate altered volcanic								
		Minor white qc stringers & threads parallel to schistosity &								
		xcutting as flats - avg schistocity @ 40dca								
		A2-4, c1-3, m0								
		mod chlorite spotting & stringers								
		No significant mineralization								
		Bottom contact grades/1 ft into								
936.0	960.0	Mafic Volcanic	16770	935.00	940.00	5.00	NIL			
		green, fg, massive, mod chloritic, xcut by irreg qc veinlets,	16771	940.00	945.00	5.00	10			
		stringers & threads	16772	945.00	950.00	5.00	NIL			
			16773	950.00	955.00	5.00	12			
		A3-1 & 4, cc0-4- stringers cc4, m0	16774	955.00	960.00	5.00	34			
		945-949 core spring failed & section re-drilled,								
		GROUND & LC = 2.5ft / 4.0ft section								
		(Weak jts & foliation @ 38dca								
		grades/0.5ft into								
960.0	963.0	Weak Bleach Zone	16775	960.00	963.00	3.00	5			
		pale & medium green, f & mg, thick lam, wkly sheared looking								
		mafic volcanic becoming more bleached downhole								
		foliation & banding @ 45dca								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Bottom contact @ 30dca								
963.0	972.7	Mafic Volcanic	16776	963.00	968.00	5.00	NIL	NIL		
		medium grey, fg, massive, mod fractured brecciated & sealed with	16777	968.00	972.70	4.70	5			
		quartz threads - irreg throughout								
		wkly silicified throughout								
		Bottom contact @ 37dca								
972.7	974.0	Mafic Volcanic	16778	972.70	974.00	1.30	NIL			
		(As 936-960)								
		Wkly streaky								
974.0	983.0	Weak Carb Zone/ Carb'd Mafic Volcanic	16779	974.00	978.50	4.50	45			
		medium brownish grey, fg, massive, stronly altered, wkly	16780	978.50	983.00	4.50	17			
		bleached, recrystallized volcanic - no original textures,								
		wkly fractured & mottled, weak shistosity @ 35dca ptbanding								
		Dolomite? bz?- mod carb								
		No significant mineralization trace fg diss py								
983.0	986.1	Streaky Mafic Volcanic	16781	983.00	986.10	3.10	NIL			
		medium grey, fg, mod fractured, mod qcc threads, weak seric								
		(buff) on fractures								
		bottom contact sharp @ 47dca								
986.1	987.7	Carbonate Bleach Zone (BZ)	16782	986.10	987.70	1.60	NIL			
		pale yellow buff, fg, thin lam, schistose, recrystalized volcanic								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		breccia band - all mafic minerals acid leached out, sericitic? schistocity @ 35dca								
		A6, c0, m0, weak seric								
		Bottom contact @ 40 dca sharp								
987.7	1009.15	Streaky Mafic Volcanic	16783	987.70	991.00	3.30	NIL			
		banded grey, green grey, & pale grey, fg, thick lam, mod qc/carb	16784	991.00	995.50	4.50	NIL			
		stringered, veined & knotted throughout	16785	995.50	996.30	0.80	NIL			
		trace seric lam as chl-carb schist strong alteration banding @	16786	996.30	1000.00	3.70	3	15		
		25-55dca - wkly crenulated	16787	1000.00	1005.00	5.00	NIL			
			16788	1005.00	1009.10	4.10	NIL			
		A4, c0 matrix stains c2, m0								
		No significant mineralization								
		994.8-995.7 weak a2-4 breccia band @ 48dca								
		bottom contact- intrusive & undulating @ 60dca xcuts schty of 45dca								
1009.15	1012.3	QFP	16789	1009.10	1012.30	3.20	NIL			
		very pale yellowish & pink, m-cg, massive, large crystals qtz feldspar porphyry, weak chlorite & seric wisps & threads on fractures -weak ank threads, irreg seric'c patches								
		1010.25-1010.55 irreg streaky basalt xenolith band								
		Bottom contact undulating @ 25dca parallel to schistosity								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
1012.3	1049.2	Streaky Basalt and Carb'd BZ Volcanics	16790	1012.30	1016.50	4.20	29			
		("streaky basalt" similar to 987.5-1009.15)	16791	1016.50	1019.80	3.30	NIL			
		intercalated with thick bands massive mafic volc. (mvo) veined	16792	1019.80	1020.60	0.80	3			
		with cc & qcc stringers & occ strong carb - wkly pyritic bleach	16792	1020.60	1023.30	2.70	NIL			
		zone bands:	16794	1023.30	1026.70	3.40	5	NIL		
			16795	1026.70	1028.50	1.80	22			
		1012.3-1013.4 streaky basalt, bottom contact @ 35 parallel to	16796	1028.50	1031.00	2.50	2			
		schistosity	16797	1031.00	1035.00	4.00	NIL			
		1013.4-1016.5 thick lam - medium banded, buff & grey high carb	16798	1035.00	1040.00	5.00	5			
		(a6 & a4) BZ (bleach zone) band, trace py - bit knotted &	16799	1040.00	1045.00	5.00	NIL			
		contorted; Grades @ 35dca into								
		1016.5-1026.7 massive mvo, minor qc stringers; Grades into								
		1026.7-1028.4 three (3) thick lam - thinly banded pyritic weak								
		BZ bands with intercalated mafic volc's; minor pyrite								
		stringers 80-90dca; grades @ 60 dca into								
		1028.4-1049.2 moderately streaky basalt, banding @ 25-40dca;								
		grades into								
1049.2	1096.2	Strongly Carb'd Streaky Basalt	16800	1045.00	1050.00	5.00	9			
		medium & pale green & white bands, fg, thick lam, med-thick	16801	1050.00	1055.00	5.00	21	17		
		banded streaky basalt, strong carb gnd mass - bit more bleached	16802	1055.00	1060.00	5.00	NIL			
		looking but still with strong qc & c stringers , lens, flames &	16803	1060.00	1063.00	3.00	NIL			
		knots throughout & occasional grey bleach zone (BZ) bands	16804	1063.00	1068.00	5.00	5			
			16805	1068.00	1073.00	5.00	3			
		A6, cc2-4, m0	16806	1073.00	1078.00	5.00	NIL			
		carb stringers occ bit vuggy	16807	1078.00	1083.00	5.00	10			
			16808	1083.00	1088.00	5.00	NIL			
		Trace py as rare thd/diss grains	16809	1088.00	1093.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16810	1093.00	1096.20	3.20	7			
		1060.8-1062.7 strong Fe-dol, pale green, seric'c BZ band -poss sediment bed, 10% mg round quartz grit								
		1085.0 banding at CA=50								
		1092.4-1096.2 f-mg diss mag increasing downhole								
		Bottom contact @ 45 dca sharp								
1096.2	1098.4	Magnetic Carb Band pale yellowish buff, fg, thin lam strong carb **Fe-dol** schist/leached bed, weak chlorite & seric on cleavage 4-5% black m-cg diss magnetite	16811	1096.20	1098.40	2.20	2			
		A6, c0, m4								
		Bottom contact sharp @ 60dca wkly xcuts foliation of 38dca								
1098.4	1106.6	Hematized Altered Sediment pink, f & mg, gritty fine sandstone no clasts, massive	16812	1098.40	1102.50	4.10	NIL			
		No carb, weak - mod hem, trace serc on slip /joints								
		Bottom contact = 52dca sharp								
1106.6	1128.2	Highly Altered ULTRA MAFIC Volcanic	16813	1102.50	1106.70	4.20	NIL			
		varied colours, mottled grey, green, brown ,orange & buff,	16814	1106.70	1110.00	3.30	17	24		
		fg, thick lam to brecciated, thickly banded variably altered	16815	1110.00	1115.00	5.00	7			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		ultramafic volcanic	16816	1115.00	1120.00	5.00	22			
			16816	1120.00	1124.00	4.00	12			
		A6,5-2/3, c0(stains 4+), m0	16818	1124.00	1128.20	4.20	24			
		No significant mineralization								
		1106.6-1112.2 thick lam, medium banded, brown, grey & black mod-highly carb stringered & knotted umv; schty @ 45-60 bottom contact @ 52dca								
		1112.2-1113.9 wkly fuchsitic green carb zone, thick lam & bit knotted 51dca; bottom contact 82dca @ base of 0.2ft breccia stringer								
		1113.9-1115.9 brown carb zone thick lam - thin banded very fg, bottom contact @ 110dca								
		1115.9-1118.9 strongly stringered & knotted umv, trace chlorite & fuchsite / bright green chlorite; bottom contact irreg								
		1118.9-1119.3 cv (dolomite vein) -porc white-pale grey, massive - no mineralization								
		1119.3-1121.3 carb mottled wkly brecciated volc.- pale & medium grey, bottom contact 45dca, foliation 35								
		1121.3-1121.9 pale yellow & pink strong carb alteration band bottom contact @ 55dca								
		1121.9-1127.1 thick band trace fuch & brown carb, highly altered volcanic; bottom contact @ 45dca								
		1127.1-1128.2 strong brown carb knotted transition zone - poss highly altered ctz sediment -wkly brecciated or - poss altered flow top								
1128.2	1135.3	Strongly Carbonate Altered Sediments	16819	1128.20	1131.00	2.80	2			
		strongly mottled brown, grey and very pale pink, fg,	16820	1131.00	1134.00	3.00	10			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		mod brecciated, all recrystallized, -no original textures,								
		mod-weak med-v.coarse carb knots -weak schty @ 50-40dca,								
		weak green & black chlorite on parting cleavage								
		A4, c0, strong dolomite								
		Bottom contact @ 68dca								
1135.3	1136.3	Strongly Altered Carb'd ULTRA MAFIC Volcanic	16821	1134.00	1136.30	2.30	NIL			
		grey & pale grey, med. bedded, highly brecciated & carb knotted								
		UM volcanic band - very destructive alteration								
		A4, c0, m0								
		Bottom contact on minor chlorite stringer @ 65dca								
1136.3	1147.0	Hematitic Temiskaming Sediments (TSEDS)	16822	1136.30	1139.00	2.70	24			
		pink, mg, gritty quartz & feldspar sandstones, massive,	16823	1139.00	1142.50	3.50	3			
		rare white qtz & qc threads & strs	16824	1142.50	1144.00	1.50	21	9		
		Rare seric'c bands parallel to foliation < 0.05ft	16825	1144.00	1147.00	3.00	NIL			
		1143.2-1143.35 pink chilled syenite stringer @ 48dca								
		Grades into								
1147.0	1166.3	Pebbly Timiskaming Seds	16826	1147.00	1150.00	3.00	7			
		greenish-grey & pink-grey, f & mg, gritty sanstones with < 5%	16827	1150.00	1155.00	5.00	5			
		hetrolithic angular to well rounded pebbles & occ fuch splash	16828	1155.00	1160.00	5.00	3			
		or chert/mudstone fragment. Trace rare green chlorite on	16829	1160.00	1164.00	4.00	NIL			
		fracture planes, wkly recrystallized -no original bedding	16830	1164.00	1166.30	2.30	10			

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		textures left, appears massive to thickly bedded to very thickly colour banded								
		Bottom contact @ 79dca								
1166.3	1167.3	Porphyrytic Syenite	16831	1166.30	1167.30	1.00	14			
		brown-red, fg with m&cg feldspar crystals (vague)								
		mod chlorite stringers								
		No carb, m0								
		No significant mineralization								
1167.3	1205.0	Pebbly Tseds	16832	1167.30	1170.00	2.70	NIL			
		(as 1147.0-1166.3)	16833	1170.00	1175.00	5.00	9			
		grey, pale green grey, pink grey, thick colour bands, gritty	16834	1175.00	1180.00	5.00	3			
		pebbly ss with cherty & mudstone pebbles, < 1% fuch splashes	16835	1180.00	1185.00	5.00	NIL			
		(green colour = seric, pink colour= very weak hem)	16836	1185.00	1190.00	5.00	17	17		
			16837	1190.00	1195.00	5.00	2			
		locally white carb stringers & knots	16838	1195.00	1200.00	5.00	2			
			16839	1200.00	1205.00	5.00	7			
		A2 throughout with threads irreg throughout, c0, m0								
		No significant mineralization								
		grades into								
1205.0	1228.8	Weakly Hematitic Pebbly Tseds	16840	1205.00	1210.00	5.00	10			
		(Similar to above)	16840	1210.00	1215.00	5.00	NIL			
		Pale pink-grey matrix -gritty ss with <5-25% hetrolithic	16842	1215.00	1220.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		elongated pebbles of volcanics, seds, chert & occ fuch wisps	16843	1220.00	1225.00	5.00	NIL			
		-in part pebble conglomerate downhole	16844	1225.00	1228.80	3.80	NIL			
		C0, weak a2 throughout with mod Fedol stringers & threads, m0								
		No significant mineralization								
		bottom contact sharp, PM @ 112dca (flat)								
1228.8	1253.85	Weakly Porphyritic Syenite	16845	1228.80	1235.00	6.20	12			
		medium brown red to brick red, very fg porcelain matrix & vague	16846	1235.00	1240.00	5.00	3			
		m-cg pale pink & white porphyritic feldspar	16847	1240.00	1245.00	5.00	3			
		wkly cracked & sealed with pale grey quartz-clay thds	16848	1245.00	1250.00	5.00	NIL			
			16849	1250.00	1253.85	3.85	5			
		a2 throughout, minor ank threads, cc0, m0								
		strong Hem								
		rare white clear quartz strs +/-tour								
		occ creamy qc veinlets/flats								
		trace gr chlorite threads & clots								
		Weak diss very very fg py 3-1% throughout & on fractures								
		Bottom contact @ 52dca								
1253.85	1263.4	Hematitic Tseds	16850	1253.85	1259.00	5.15	NIL			
		pink/red, f-mg pebble conglomerate, massive, weak qc stringers & flats	16851	1259.00	1263.40	4.40	24			
		A2, c0, m0, hem 4								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bottom contact @ 35dca								
1263.4	1282.3	Weakly Porphyritic Syenite	16852	1263.40	1267.00	3.60	2			
		mottled brown pink, pink, grey pink, fg, porc matrix- vague m-cg	16853	1267.00	1272.00	5.00	NIL			
		feldspars, wkly crackled & chlorite sealing threads	16854	1272.00	1277.00	5.00	5			
		minor irreg qc stringers & seric clay beds?	16855	1277.00	1282.30	5.30	3	5		
		Mod ank threads & stringers								
		A4, c0, m0								
		1263.4-1265 bit blocky & partly ground as knobs								
		Bottom contact approx 80dca, xcutting								
1787.3	1284.8	Weakly Hematitic Tseds	16856	1282.30	1284.80	2.50	10			
		pink pebbly sandstone becoming brownish pink with hem decreasing downhole; grades into								
1284.8	1332.0	Sericitic Timiskaming Seds	16857	1284.80	1290.00	5.20	14			
		pale green-grey,/yellow-green, fg, gritty sandstone matrix with	16858	1290.00	1295.00	5.00	14			
		well rounded-elliptical hetrolithic pebbles & occ pebble cong	16859	1295.00	1300.00	5.00	19			
		bands -occ m-cg fuchite	16860	1300.00	1302.00	2.00	12			
			16861	1302.00	1306.90	4.90	21			
		A4, c0, m0	16862	1306.90	1308.70	1.80	22			
			16863	1308.70	1314.00	5.30	NIL			
		1284.8-1297.9 seric tsed, trace-1% fuch, bottom contact @ 5dca	16864	1314.00	1319.00	5.00	NIL			
		1297.9-1300.4 wkly brecciated & black chlorite stringered & carb knotted	16865	1319.00	1324.00	5.00	3			
			16866	1324.00	1329.00	5.00	14			
		1300.4-1302.0 porphyrytic red syn band @ 66dca	16866	1329.00	1332.00	3.00	26			
		1302.0-1306.9 strong seric & fuch alteration band; bottom contact								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

@ 70dca
1306.9-1307.6 brecciated tseds
1307.6-1308.0 pink weak hem tseds
1308.0-1332.0 green seric & spotty fuch pebble conglomerate,
alteration dercreasing downhole

1332.0 ft EOH
Casing left in place; ordered plug placed at 7m downhole
and half bag of cement as hole was making water

Logged by R.V. Zalnieriunas
Nov. 24/02 on site

Hole Survey Note:
values flagged + are assumed dip/bearings for plotting mid-points

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
43.60	-44.80+	335.60+
87.20	-44.80	335.60
187.25	-44.90+	
287.30	-44.90	
385.75	-44.20+	349.20+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-08

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
772.90	-43.00	349.20
872.95	-41.40+	348.90+
973.00	-41.40	348.90
1012.40	-38.80+	349.90+
1051.80	-38.80	349.90
1146.95	-41.00+	
1242.10	-41.00	352.00+
1279.80	-35.10+	
1317.50	-35.10	352.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09
Collar Eastings: 9401.00
Collar Northings: 3230.00
Collar Elevation: 7984.00
Grid: 2002 Imperial
Rig:B-20 Dates: Nov. 21-25/03

Collar Inclination: -45.00
Grid Bearing: 341.00
Final Depth: 859.40 feet
POWELL TP; CLAIM:MR5712 Line:94+00E Stat:32+50NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg.E ast.; core stored on site

Logged by: Dan McCormack
Date: November 26, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	46.15	1 CON	16868	0.00	5.00	5.00	26	27		
		polymitic conglomerate, grey/green fine matrix, predominant	16869	5.00	10.00	5.00	NIL			
		mudstone chlorite, sil, & chert clasts aligned along foliation at	16870	10.00	15.00	5.00	NIL			
		7ft - 44dca, 11.5ft -44dca;	16871	15.00	20.00	5.00	10			
		feld/quartz vein minor calc very narrow (1/16-1/8"),	16872	20.00	25.00	5.00	22			
		sometimes crenulated predominantly high angle 55-70, rarely	16873	25.00	29.10	4.10	3			
		conformable with foliation	16874	29.10	34.10	5.00	9			
			16875	34.10	39.10	5.00	2			
		A4, no fizz on hcl	16876	39.10	42.00	2.90	62			
		chlorite in foliation slips	16877	42.00	45.00	3.00	34			
		a4 throughout sediments zone								
		Nil to trace py fg, diss								
		0-23 leucoxene flecks <1%								
		15.7-17.3 intersed (small clast bed), foliation @ 25.2ft @ 40								
		29.3 alteration contact sharp at 50 along fracture plane								
		'syenitized', hem								
		29.3-31.7 fg sediments (interflow), pale red/grey matrix, fg,								
		brittle fractures @ 45 filled with chlorite								
		string quartz/feld vein 30.7-31.7 assoc with leucoxene								
		flecs								
		31.7 quartz vein marks end of syentization alteration								
		31.7-44.6 carb alteration fg sediments, pale grey to light green								
		brittle fractures continue filled with chlorite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		carb alteration -pervasive with chlorite in fractures, vuggy appearance in sections								
		33.6-36.2 possible int-fg pale brittle fracturing nonexistent chlorite crystals								
		36.2-44.6 pale grey/green early brittle fractures, minor qtz/feld/ank								
		39.2 17 contact (alteration contact) Carb/chlorite alteraton front								
		39.2-33.4 -py, fg, diss in chlorite fractures associated qt/ank vein								
		44.6-46.15 gradational change to syentized hem fg sediments qtz/ank/feld vein,s, 2%, hem, leucose flecs 2% py								
		Bottom contact @ 34 sharp								
46.15	47.4	7 SYN *med red, fg, original texture obliterated*								
		Chlorite, qtz/ank/carb, a3								
		1%py fg, diss bottom contact @ 34 sharp								
47.4	222.5	1 CON	16878	45.00	47.80	2.80	5			
			16879	47.80	52.50	4.70	9			
		47.4-47.75 hem alteration assimilation layered contact @ 35, hem,	16880	52.50	57.50	5.00	14			
		1% py	16881	57.50	62.50	5.00	33			
		47.8-222.6 large clast conglomerate, polymictic grey green	16882	62.50	67.50	5.00	19			
		chlorite matrix with def?? Mudstone, felsic, carb, arkose	16883	67.50	72.50	5.00	7			
		clasts (1/8 - 1")	16884	72.50	75.50	3.00	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Foliation 48.8' -30dca, 54.4 -37dca, 73' - 43dca py	16885	75.50	78.20	2.70	NIL			
		73.5-74.7 1/4 " chert/car contact @ 52 marks beginning of hem	16886	78.20	80.20	2.00	29	31		
		alteration , hem alteration, trace py	16887	80.20	85.80	5.60	17			
		74.7 1/2inch chert band @ 56dca	16888	85.80	90.80	5.00	45			
		78.4-80.5 hem alteration, epidote, quartz vein, ank at 78.4 -	16889	90.80	95.80	5.00	2			
		1/2"quartz vein @ 34dca	16890	95.80	100.80	5.00	26			
		hem alteration, 1% py	16891	100.80	105.80	5.00	45			
		80.5-94.3 polymictic CON grey/green matrix	16892	105.80	110.80	5.00	24			
		85.8 foliation @ 43,	16893	110.80	115.80	5.00	62			
		90.6 leucoxene flecs	16894	115.80	120.80	5.00	14			
		94.3-97.8 hem alteration white, grey car in fractures	16895	120.80	124.00	3.20	38			
		white hem alteration, trace py	16896	124.00	128.00	4.00	26			
		97.8-128.0 CON	16897	128.00	130.85	2.85	7			
		110.7 foliation @ 57	16898	130.85	134.90	4.05	31	37		
		111 qv/feld- unconform 45	16899	134.90	138.30	3.40	27			
		128-130.85 alteration front, pale beige to hem leucoxene flecs,	16900	138.30	141.30	3.00	22			
		early Chlorite fractures 51	16901	141.30	146.00	4.70	31			
		hem alteration, 1% qv/carb	16902	146.00	151.00	5.00	29			
		130.8-132.6 breccia ,dark grey matix carb	16903	151.00	156.00	5.00	17			
		1326-141.3 mod to strong hem alteration, trace qv/ank volcanic	16904	156.00	161.00	5.00	65	41		
		136-140.5 increase in py -trace py fg, diss	16905	161.00	166.00	5.00	34			
		150-159 dark grey carb matrix, ser qtz/carb in fracture planes,	16906	166.00	171.00	5.00	NIL			
		minor ap, hem	16907	171.00	176.00	5.00	10			
		166.5-167.75 sil alteration front, pale beige	16908	176.00	181.00	5.00	NIL			
		171.0-173.2 less clastic, brittle fractures @ 10/32/75 chl/carb	16909	181.00	186.00	5.00	NIL			
		filled	16910	186.00	191.00	5.00	19			
		173.2-179.2 strong ser alteration	16911	191.00	196.00	5.00	7			
		ser/ep/hem/minor fuch flecs, trace mineralization	16912	196.00	201.00	5.00	41			
		187.5-209.5 pervasive carb zone, light green, fg matrix with dark	16913	201.00	206.00	5.00	NIL			
		grey 'ghost' clasts, early brittle fractures with chl/carb	16914	206.00	211.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		209-222.5 weak carb alteration - dark grey carb/chlorite in	16915	211.00	216.00	5.00	14			
		fracturing	16916	216.00	221.00	5.00	14			
222.5	223.0	5								
		Diabase								
223.0	253.2	1 CON	16917	221.00	224.00	3.00	9	3		
		pale green/grey matrix, pervasive carb, early grey/dark grey carb	16918	224.00	227.00	3.00	NIL			
		in fractures, some healed with later carb(white) "ghost-like	16919	227.00	232.00	5.00	NIL			
		clast", some sericitic flecs, epidote, chlorite	16920	232.00	237.00	5.00	5			
		pervasive carb, hcl fizz, ep, chlorite, minor ser	16921	237.00	242.00	5.00	24			
		minor py in matrix	16922	242.00	247.00	5.00	NIL			
			16923	247.00	249.30	2.30	12			
		At 227 -sharp alteration contact -alteration caused by proximity								
		to diabase; strong sharp contact @ 43								
		227-253.2 dark grey/green to steel grey, carb matrix grading to								
		sil zone with chl/carb/ minor py								
		229.3-230.1 diabase finger 45 upper, 38 lower contacts								
253.2	391.3	5 (DIA)	16924	249.30	253.60	4.30	7			
		Diabase, massive, fg, cg @ 328.5-308.4	16925	328.50	332.30	3.80	NIL			
			16926	382.80	388.00	5.20	2			
		A3, m2	16927	388.00	391.30	3.30	NIL			
		328.5-332 hem alteration, trace py, quartz on contact								
		382.6-388 hem/sil alteration from sharp contacts								
		382.6 tc @ 52								
		388 bottom contact @ 120								
		388-391.3 fg diabase,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bottom contact sharp @ 50								
391.3	540.4	1 CON	16928	391.30	396.00	4.70	21	26		
		medium grey/green matrix of Carb, sericite, ankerite, chlorite	16929	396.00	401.00	5.00	9			
		alteration, early grey carb in fractures predominant, little to	16930	401.00	406.00	5.00	NIL			
		no late qv/fel occurence	16931	406.00	411.00	5.00	NIL			
		at 399 -65 qv 1 1/4 wide minor py	16932	411.00	416.00	5.00	NIL			
		foliation @ 395.5 -48, 400- 55	16933	416.00	421.00	5.00	17			
			16934	421.00	426.00	5.00	NIL			
		Carb, ser, chlorite, H5	16935	426.00	431.00	5.00	NIL			
			16936	431.00	436.00	5.00	NIL			
		416.2 gradational brittle fracture (tension) with early grey carb	16937	436.00	441.00	5.00	NIL			
		fracture @ 70 with ser halo narrow 1/4"	16938	441.00	446.00	5.00	NIL			
		420.2-427 boundry unit/ CON??5DIA	16939	446.00	451.00	5.00	NIL			
		dark grey heavy carb matrix -pervasive	16940	451.00	456.00	5.00	146	122		
		horneblende?, chloritized	16941	456.00	461.00	5.00	NIL			
		mod to strong carb	16942	461.00	466.00	5.00	NIL			
		tc sharp 45 420.2	16943	466.00	471.00	5.00	NIL			
		bottom contact low angle @ 0	16944	471.00	476.00	5.00	NIL			
		427-434.2 1 CON white ser, mod carb	16945	476.00	481.00	5.00	NIL			
		434.2-446.4 1 CON??DIA boundary unit (same as 420.2-427)	16946	481.00	486.00	5.00	17	27		
		Mod ser, mod carb	16947	486.00	491.00	5.00	24			
		attn contact 434.2 40	16948	491.00	496.00	5.00	14			
		Bottom contact 446.4 33	16949	496.00	501.00	5.00	NIL			
		446.4-540.4 white sericitic, chlorite, medium to white carb, dark	16950	501.00	506.00	5.00	NIL			
		to medium grey/beige/green matrix, chlorite minor, fragments	16951	506.00	511.00	5.00	10			
		are "ghost-like" altered	16952	511.00	516.00	5.00	5			
		minor py fg, diss in fractures	16953	516.00	521.00	5.00	NIL			
			16954	521.00	526.00	5.00	NIL			
		Bottom contact sharp @ 46	16955	526.00	531.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			16956	531.00	536.00	5.00	NIL			
			16957	536.00	540.40	4.40	NIL			
540.4	595.5	5 DIA medium to fg massive 1 CON xenoliths at 589.7-590.4 and 592.6-95 Bottom contact @ 110								
595.5	679.9	1 CON	16958	595.50	600.50	5.00	NIL			
		alteration medium -pale grey, fg matrix, mod to strong carb,	16959	600.50	605.50	5.00	NIL			
		chlorite, ser, at 602-56dca proximity to diabase dyke changes	16960	605.50	610.50	5.00	15			
		unit to 1CON/DIA, steel grey, fg, matrix, brittle fracturing	16961	610.50	615.50	5.00	NIL			
			16962	615.50	620.50	5.00	NIL			
		Mod to strong carb, weak ser, chlorite, H5	16963	620.50	625.50	5.00	NIL			
			16964	625.50	630.50	5.00	31			
		614 shear/fracture/narrow 30	16965	630.50	635.50	5.00	5			
		622.6-622.8 5 DIA at 73/60dca contacts	16966	635.50	640.50	5.00	17			
		623.5 gradational change to boundary unit 1CON/5DIA	16967	640.50	645.50	5.00	21			
		with hematite from 626-632	16968	645.50	650.50	5.00	45			
		fg py is found in narrow early fractures along foliation	16969	650.50	655.00	4.50	111	89		
		655-666.5 pae beige matrix, trace py fg in fractures with dark	16970	655.00	660.00	5.00	NIL			
		carb/chlorite pervasive hem provides purple hue	16971	660.00	665.00	5.00	NIL			
		669 1/4" slips/carb vein at 25	16972	665.00	670.00	5.00	NIL			
		666.5-679.9 closer to 5(DIA) contact hem (rust colour) pervasive	16973	670.00	675.00	5.00	NIL			
		alteration increases bottom contact @ 60								
679.9	740.5	5 DIA	16974	675.00	680.00	5.00	2			
		massive, medium to fg, epidote in fractures bottom contact @ 75								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
740.5	859.4	1 TSEDS	16975	740.50	745.00	4.50	NIL			
		predominantly congl grading to finer grain towards end of hole,	16976	745.00	750.00	5.00	27	41		
		variable alteration	16977	750.00	755.00	5.00	NIL			
			16978	755.00	760.00	5.00	12			
		740.5-748.6 red-rust hue from hem alteration proximity to 5 DIA	16979	760.00	765.00	5.00	10			
		provides sil appearance, strong fracturing, healed with	16980	765.00	770.00	5.00	NIL			
		sil/carb; H6, trace py ,m-fg diss euhedral	16981	770.00	775.00	5.00	NIL			
		748.6-793.4 pale grey/green matrix with f-mg clasts, early	16982	775.00	780.00	5.00	10			
		fractures/foliation healed with carb minor chlorite	16983	780.00	785.00	5.00	12			
		764.5 low angle shear/frac at 25	16984	785.00	790.00	5.00	17			
		769 low angle fracture sealed with fuch	16985	790.00	795.00	5.00	NIL			
		787.9-792.3 congl,wk to mod ser, white carb	16986	795.00	800.00	5.00	NIL	2		
		792.3-807.9 wh ank alteration, pale green grading to hem hue	16987	800.00	805.00	5.00	NIL			
		pervasive dark carb brittle fracturing with dark carb, few	16988	805.00	810.60	5.60	5			
		late qtz/carb veins	16989	810.60	815.00	4.40	NIL			
		white ank alteration//hem medium, carb in veins	16990	815.00	820.00	5.00	17			
		alteration contact 20 807.9	16991	820.00	825.00	5.00	15			
		807.9-859.4 at alteration contact, pale green , ankarite flecs,	16992	825.00	830.00	5.00	NIL			
		strong carb veining fg matrix pale green grey, healed early	16993	830.00	835.00	5.00	43			
		fractures with carb ank alteration with ank veining starts	16994	835.00	840.00	5.00	67			
		at 810; ank alteration is strong to bottom of hole	16995	840.00	845.00	5.00	5			
		ank veining is less than 1% in most cases over 5ft width	16996	845.00	850.00	5.00	79	69		
		unit may represent a hydothermal source nearby	16997	850.00	855.00	5.00	14			
		some fuchite near bottom of hole	16998	855.00	859.40	4.40	NIL			
		c py at 815.7 along narrow fracture with ank								
		822.5-823.6 py, fg in foliation plane								
		859.4 ft EOH								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-09

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by Dan McCormack
Nov. 26/02

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
92.80	-44.60+	342.20+
185.60	-44.60	342.20
284.05	-43.80+	343.50+
382.50	-43.80	343.50
480.90	-43.50+	343.60+
579.30	-43.50	343.60
712.20	-42.40+	344.40+
845.10	-42.40	344.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-10
Collar Eastings: 9400.00
Collar Northings: 3084.00
Collar Elevation: 7992.00
Grid: 2002 Imperial
Rig:B-20 Dates: Nov.25-27/03

Collar Inclination: -45.00
Grid Bearing: 1.00
Final Depth: 78.70 feet
POWELL TP; CLAIM:MR5712 Line:93+95E Stat:31+04NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg.East.; core stored on site

Logged by: R.V. Zalnieriunas
Date: November 29, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	9.9	Casing								
9.9	45.0	Carb Banded, Chloritic & Brecciated Sediment	16999	9.90	14.30	4.40	21			
		medium dirty green & pale buff banded, strongly altered &	17000	14.30	18.70	4.40	48			
		recrystallized - no original textures remain	13001	18.70	23.30	4.60	NIL			
		some qc knots poss nucliated on vague pebble ghosts	13002	23.30	27.90	4.60	NIL			
			13003	27.90	30.00	2.10	24			
		A6, c0, m0	13004	30.00	35.00	5.00	NIL			
		poss dolomitic	13005	35.00	40.00	5.00	12			
		chlorite gr 3-5	13006	[illegible]	45.00	5.00	33			

9.9-14.3 pale buff, fg, massive breccia & weak mottling pink & green highly carb'd sediments; weak foliation @ 47dca
irreg bottom contact @ 45dca

14.3-18.7 medium - dark green-grey, breccia matrix & coarse sub angular-sub rounded buff wispy margin high carb lithic clast
xcut by late white qc stringers & threads @ 152dca
weak foliation 32dca; bottom contact 47dca

18.7-27.9 buff & pale grey carb alteration zone
minor qc knots & stringers
weak green chlorite spotty throughout & wisps
weak foliation @ 25-35dca

26.5-27.0 lim stain water seam @ 18dca
grades @ 30dca into

27.9-30 strong qc stringered & veined chlorite breccia band
blocky & broken core throughout; grades into

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		30.0-45.0 dark grey & medium green grey, weak hem, f&mg, strong chlorite & carb altered pebbly sediments, clasts start to appear downhole in sequence as alteration drop off/length of sequence; mod qc white knots, stringers, & threads throughout; weak foliation @ 45dca grades parallel to foliation into								
45.0	67.7	Highly Altered Pebbly Sediment	13007	45.00	50.00	5.00	17			
		medium grey & green grey, f-mg, strong carb, recrystallized	13008	50.00	55.00	5.00	NIL			
		sediments showing <10% fg/aph grey pebbles & ghosts throughout;	13009	55.00	60.00	5.00	46	38		
		strong green chlorite alteration in matrix, locally wkly bleached	13010	60.00	65.00	5.00	NIL			
		& patchy (fine)net veining on foliation planes & xcutting of weak	13011	65.00	67.70	2.70	5			
		incipient seric & bz (bleach zone) thd alteration banding / net veining								
		wk-mod qc & carb mottling, knoting & stringers (irreg) as flats & vertical veining sub parallel to foliation								
		trace leucoxene - mod to strong WAC/WAD								
		foliation @ 20-45dca downhole								
		67.7 ft End Of Core								
		78.7 ft EOH as LOST CORE when rods broke & drillers were unable to retrieve steel or core in tube								
		Lost hex core barrel, core tube and last run of core as CB was sanded in and unable to retrieve. Ordered drill shack moved foreward about 5ft and re-started hole as M02-11. Foreman reports that when broken rods were pulled out, casing was caught and pulled out as well and hole filled with sand.								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnieriunas
Nov. 29/02 on site

Hole Survey Note:
Values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11
Collar Eastings: 9400.00
Collar Northings: 3090.00
Collar Elevation: 7992.00
Grid: 2002 Imperial
Rig:B-20 Dates:Nov.27-28/02

Collar Inclination: -45.00
Grid Bearing: 2.00
Final Depth: 492.10 feet
POWELL TP; CLAIM:MR5712 Line:93+95E Stat:31+10NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 1, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	6.7	Casing								
6.7	11.0	Altered Pebbly Sediments	13012	6.70	11.00	4.30	5			
		medium- pale greenish grey, fg, sandy matrix, 10% sub angular								
		pebbles & grit - mudstone, locally wkly seric'd throughout, minor								
		qc stringers; CA approx s0=25, s1=55								
		A6, c0, m0								
		ser 1- weak chlorite matrix throughout								
		No significant mineralization -fg diss py								
		8.6-8.7 Fe-oxide haloing jt of 100dca (water seam)								
11.0	13.2	Lost Core								
		ground & lost core - trace few knobs remain								
13.2	83.6	Altered Chloritic Pebbly Temiskaming Sediments (TSEDS)	13013	13.20	17.00	3.80	7			
		medium green, f-mg, bit gritty matrix, strongly recrystallized	13014	17.00	21.00	4.00	10			
		seds, thickly bedded with 1-10% f-coarse mudstone pebbles & rare	13015	21.00	25.00	4.00	7			
		exotics -pebbles locally seric'd; minor intercalated m-thick beds	13016	25.00	30.00	5.00	31			
		arkose; minor to mod qc stringers xcutting throughout- locally	13017	30.00	35.00	5.00	17			
		swirled & knotted nucleating on clasts with ass't weak seric diss	13018	35.00	40.00	5.00	48			
			13019	40.00	45.00	5.00	5			
		A6, c0, m0	13020	45.00	50.00	5.00	5			
		seric in pebbles	13021	50.00	52.20	2.20	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		chlorite 4 matrix	13022	52.20	55.00	2.80	27			
			13023	55.00	60.00	5.00	NIL			
		Variable diss py, vf-mg in matrix & @ qc stringer walls / on	13024	60.00	65.00	5.00	10			
		cleavage parting planes; trace-5% & locally up to 8% py	13025	65.00	70.00	5.00	15			
		over short lengths and as rare elliptical fg py replacement	13026	70.00	75.00	5.00	29			
		lenses in matrix / stringers & threads	13027	75.00	80.00	5.00	38	81		
			13028	80.00	83.60	3.60	NIL			
		25.7-26.1 lim stain haloing Fe-oxide coating jt/water seam								
		27.3 water seam Fe-ox @ 160dca								
		30.0 foliation @ 65dca,								
		48.4 FE-ox water seam								
		50.0 foliation @ 60dca								
		52.2-55.0 pale grey silicification banding & qc stringers sptf 45 & 0dca -weak seric banding with water seam 52.9 & 135dca								
		67.0 foliation @ 50dca								
		76.7 water seam- Fe-ox on jt 129 xcuts foliation 63dca								
		80.0-83.6 weak hem spotting/clast pebbles, hem staining incr downhole; bottom contact sharp @ 66 xcuts foliation of 52dca								
83.6	143.0	Chilled Syenite (SYN)	13029	83.60	86.50	2.90	15			
		pink to wkly banded brownish/orange pink, vfg-fg, massive, bit	13030	86.50	91.00	4.50	5			
		mottled looking, fine green chlorite threads on sealed fractures	13031	91.00	95.00	4.00	NIL			
		1-3% fine irreg highly assimilated cls (chl schist0 xeno's & rare	13032	95.00	100.00	5.00	NIL			
		angular chloritic TSEDS; syn bit dirty = weak ass'n zone chilled	13033	100.00	105.00	5.00	NIL			
		syn	13034	105.00	110.00	5.00	NIL			
			13035	110.00	115.00	5.00	NIL	NIL		
		A2 matrix, a threads, c0, weak chlorite threads	13036	115.00	120.00	5.00	NIL			
		minor pale grey seric crackle/stringers ass't with quartz	13037	120.00	125.00	5.00	NIL			
		stringers & threads; minor qc stringer flats developed @ 130+85	13038	125.00	130.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		in lower 1/2	13039	130.00	135.00	5.00	9			
			13040	135.00	140.00	5.00	NIL			
		Vfg diss py in syn & on fractures & occ replacing xeno contacts (very weak) as diss grains								
		Bottom contact sharp @ 45dca								
143.0	143.1	Chloritic Pebbly TSEDS (As 13.2-83.6)	13041	140.00	143.10	3.10	NIL			
143.1	143.7	(2 LC) Ground & lost core								
143.7	177.6	Chloritic TSEDS	13042	143.70	147.00	3.30	NIL			
		(Similar to 32.2-83.6)	13043	147.00	151.00	4.00	NIL			
		Chlorite decr down hole, coarse sediments in parts 20-30% pebbles	13044	151.00	155.00	4.00	14			
		as pebble conglomerate - thick bedded	13045	155.00	160.00	5.00	9			
			13046	160.00	165.00	5.00	22			
		A4-6, c0, m0	13047	165.00	170.00	5.00	36			
			13048	170.00	175.00	5.00	51			
		See sample log	13049	175.00	177.60	2.60	9			
		vfg diss py & rare replacement lenses / threads								
		156.0 - s0/1 = 52dca								
		163.6-164.3 weak breccia band, very weak hem staining pref on clasts, foliation @ 60dca								
		175.0 foliation =62dca								
		bottom contact @ 120 xcuts foliation of 60dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
177.6	177.8	Open Seam / Cave / Void weak Fe-oxide stain <0.1ft on either side of void								
177.8	183.35	Altered Pebbly TSED	13050	177.80	180.00	2.20	26			
		medium green grey pebbly TSED, wispy thick lam seric incr	13051	180.00	183.35	3.35	17			
		downhole - mod qc stringers incr downhole with ass't weak hem								
		spotting on clasts; foliation @ 75-55dca								
		A4-6, c0, m0								
		weak ser incr downhole								
		see sample log, fg diss py in matrix								
		bottom contact sharp @ 62dca								
183.35	184.70	Chilled Syenite	13052	183.35	184.70	1.35	7			
		brown red, vfg, massive, wkly cracked & sealed with quartz &								
		qc thds irreg & @ 35 & 65dca; contacts wkly bleached/ <1mm								
		A2, c0, m0								
		1-2% vfg py diss & on fractures								
		Bottom contact sharp @ 53dca parallel to foliation								
184.7	273.6	Conglomerate & Arkose	13053	184.70	187.50	2.80	10			
		medium green grey, f & mg gritty arkose matrix with 10-40% sub	13054	187.50	191.00	3.50	12			
		round elliptical pebbles matrix to clast supported, thick -	13055	191.00	194.70	3.70	31			
		medium bedded - intergrading with occ medium - thick beds green	13056	194.70	195.80	1.10	NIL			
		grey arkose, mg; clasts mainly mudstone with occ chert &	13057	195.80	199.90	4.10	2			
		<2% subangular magnetic cls (chl schist)	13058	199.90	202.80	2.90	19	15		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13059	202.80	208.30	5.50	3			
		A4, c0, m0-1 & locally 2 (weak)	13060	208.30	213.30	5.00	5			
		Weak chlorite matrix	13061	213.30	218.50	5.20	17			
		locally wkly seric	13062	218.50	221.60	3.10	3			
			13063	221.60	224.10	2.50	15			
		Vvfg- mg py diss in matrix/ diss on pebble contacts & rare diss	13064	224.10	227.40	3.30	NIL			
		xcutting threads	13065	227.40	229.30	1.90	NIL			
			13066	229.30	233.60	4.30	NIL			
		194.7 - 195.8 weak BZ (bleach zone)carb band/vvfg siltstone bed	13067	233.60	237.00	3.40	NIL			
		@ 52dca	13068	237.00	241.00	4.00	82	98		
		218.5-221.6 pebbly arkose bed, tc=63, bottom contact=45	13069	241.00	245.00	4.00	29			
		224.1-227.4 graded arkose, mg-vfg grading finer downhole,	13070	245.00	250.00	5.00	24			
		tc=65dca parallel to foliation, bc=56dca as xcutting scour	13071	250.00	255.00	5.00	5			
		227.4-229.3 wkly chlorite m-fg arkose bed, bottom contact =45dca	13072	255.00	260.00	5.00	21			
		with internal banding/foliation of 10dca throughout	13073	260.00	265.00	5.00	NIL			
		233.6 conglomerate, bedding s0 @ 65dca	13074	265.00	270.10	5.10	NIL			
		254.0-254.6 -2x 0.1' black breccia stringers = tour? parallel to	13075	270.10	273.60	3.50	NIL			
		foliation & xcutting @ 25 to 0dca + 30dca								
		260.0 sl= 50dca								
		270.1-273.6 pale grey bleach zone incr in intensity downhole -								
		trace hem; Foliation @ 56dca(weak),								
		bottom contact @ 66dca sharp								
273.6	297.1	Chilled Syenite & Wall Rx Bands	13076	273.60	278.00	4.40	29	24		
		mottled & wkly banded, medium to pale brown-pink, pink vfg	13077	278.00	283.00	5.00	NIL			
		chilled syenite with rare vcg subround 0.05x0.09 feldspar meg	13078	283.00	287.00	4.00	NIL			
		crystals; minor quartz & qc threads & stringers;	13079	287.00	292.00	5.00	36			
		syn becoming banded & ribboned (m-th) downhole with pm & p. ass'd	13080	292.00	295.00	3.00	26			
		country rock downhole	13081	295.00	297.10	2.10	29			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2 & a3-5, c0, m1 mod vdk green chlorite + mg spotting fine pale grey crackle Vfg occ mg, diss py & irreg wisps & patches 273.6-285.4 chlorite spotted massive chill zone syn 285.4-287.0 qc stringers incr downhole & starts to sheet with cls stringers below 286.5 @ 30-40dca 287.0-292.0 25% crackled brown syn bands/0.3' & occ breccia knots & intercalated cls/pm wall rock , banding @ 42dca (inter breccia) 292.0-296.6 massive syn, mod fractured, wkly chloritic, dirty ass'm band, bottom contact approx 65dca 296.6-297.1 ctz (contact zone) -pale grey , pm (parly melted) well foliated @ 54dca, weak qc knots Bottom contact sharp, highly stepped/scoured @ 50 & 90dca							
297.1	347.1	Ultramafic Volc. / Talc-Chlorite Schist dark grey, fg, massive to well foliated a thickly ribboned /brecciated talc-chlorite schist, Strongly Schistose @ 50-10dca (avg 30dca) & locally 0dca A0-trace, c0-1 (as weak stringers), m0 no significant mineralization bottom contact on fault slip @ 63dca	13082	297.10	300.00	2.90	2			
			13083	300.00	305.00	5.00	NIL			
			13084	305.00	310.00	5.00	NIL			
			13085	310.00	315.00	5.00	NIL			
			13086	315.00	320.00	5.00	NIL			
			13087	320.00	325.00	5.00	NIL			
			13088	325.00	330.00	5.00	NIL			
			13089	330.00	335.00	5.00	NIL			
			13090	335.00	340.00	5.00	NIL			
			13091	340.00	345.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13092	345.00	347.10	2.10	5			
347.1	393.0	Strongly Altered Sediments	13093	347.10	348.40	1.30	17	7		
		mottled brown, red, grey brown & locally olive green, thick	13094	348.40	351.00	2.60	5			
		colour banding; fg, highly recrystallized & carb'd sediments,	13095	351.00	356.00	5.00	NIL			
		locally occ pebble clasts preserved, mod Fe-carb stringered &	13096	356.00	361.00	5.00	17			
		fine black chlorite threads on old fractures	13097	361.00	366.00	5.00	2			
			13098	366.00	371.00	5.00	NIL			
		A2-4, a stringers, c0, hem 3-5, seric3-5	13099	371.00	374.00	3.00	NIL			
			13100	374.00	378.00	4.00	NIL			
		347.1-374 massive, crackled & mottled brown, grey & occ brown	13101	378.00	383.00	5.00	NIL			
		grey; highly altered contact zone -weak Fe-carb stringers &	13102	383.00	388.00	5.00	5			
		knots; grades into	13103	388.00	393.00	5.00	24			
		374-378 highly hem'ic, red altered sediments, mod Fe-carb								
		stringers & knots, grades into								
		378-383 olive green, seric, strong carb & altered sediments								
		383-393 brown, mottled sediments, white carb stringers with								
		chlorite rims, knots & thds; Grades into								
393.0	407.1	Seric & Chlorite Altered Tseds	13104	393.00	398.00	5.00	33	24		
		med-pale yellow-green & grey green, vfg with <2% preserved grey	13105	398.00	403.00	5.00	NIL			
		pebbles, massive looking	13106	403.00	407.10	4.10	14			
		weak carb stringers & threads & minor black chlorite threads								
		weak cleavage/foliation @ 90-70dca								
		A4, c0, m0								
		weak chl, mod seric, weak stringers & thr								
		Bottom contact sharp @ 39dca rotated clockwise & xcutting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
407.1	410.8	Chilled Syenite medium brown red, vfg, massive -mod fractured & sealed with +10- 15% qc threads, hairs & very weak black chlorite a2-4, c0, m0 vfg diss py Bottom contact sharp, very undulating approx 90dca	13107	407.10	410.80	3.70	5			
410.8	417.7	Altered TSED pale grey green , mg, massive looking ss, mod recrystallized, weak seric perv. throughout minor black chlorite threads & hairs on fractures -weak foliation @ 65dca, rare pebbles A2, c0, m0 Bottom contact sharp @ 44dca	13108	410.80	414.70	3.90	NIL			
			13109	414.70	417.70	3.00	12			
417.7	423.7	Chilled Syenite medium red/brown red, vfg, massive, strongly crackled thds of p. grey / pale green seric/clay alteration & thermal fractures, weak -mod <7% qc threads & masses, Last 1.5' bit bleached Bottom contact sharp @ 150dca	13110	417.70	423.20	5.50	27			
423.7	451.3	Sericitic Sandstones pale green, grey -yellow, green; mg, carb'd, decr rextalization downhole, massive looking, rare pressurved pebble clast, weak carb stringers & knots & occ. xcutting black chlorite thd	13111	423.20	427.90	4.70	12			
			13112	427.90	430.00	2.10	NIL			
			13113	430.00	435.00	5.00	10	12		
			13114	435.00	440.00	5.00	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		/stringers	13115	440.00	445.00	5.00	10			
			13116	445.00	449.00	4.00	14			
		A2-4, c0, m0	13117	449.00	451.30	2.30	9			
		minor black chlorite threads								
		427.9-429.0 thin bedded slts bed, tc @ 65 bottom contact @ 90 pm & grades into								
		429.0-429.6 syn'd sed/high ank crackled syn band, bottom contact vague @ 65								
		429.6-430 weak hem stained ss, grades into seric ss below								
		451.3 bottom contact very irreg intrusive -overall approx 25dca & stepped								
451.3	456.1	Chilled Syenite	13118	451.30	456.10	4.80	15			
		pale brown red, vfg, pseudo brecciated & fractured & net veined								
		with very fine ser-ank threads & hairs throughout & occ ank								
		stringers - strongly crackled; weak banding @ 60dca								
		a2-4, c0, m0								
		Bottom contact sharp & 155 rotated approx 40 counterclockwise & xcutting								
456.1	492.1	Seric Pebbly Sandstone	13119	456.10	460.00	3.90	NIL			
		pale grey green, mg & fg, massive arkose/ss, mod- minor preserved	13120	460.00	465.00	5.00	17			
		pebbles & clasts, locally thickly lam @ 50-35dca	13121	465.00	470.00	5.00	31	27		
		rare xcut breccia vein as 1/2 moon	13122	470.00	475.00	5.00	15			
		Rare black chlorite threads parallel to foliation xcutting	13123	475.00	480.00	5.00	86	99		
			13124	480.00	485.00	5.00	21			
		492.1 ft EOH (Drillers rpt 150.0m (492.1ft))	13125	485.00	490.00	5.00	24			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13126	490.00	492.10	2.10	2			

Logged by R.V. Zalnieriunas
Dec. 1/02, on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-42.50+	359.40+
93.80	-42.50	359.40
143.00	-41.90+	0.50+
192.20	-41.90	0.50
241.40	-41.50+	0.60+
290.60	-41.50	0.60
339.80	-41.30+	3.80+
389.00	-41.30	3.80
433.30	-41.20+	5.70+
477.60	-41.20	5.70

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
389.00	-41.30	3.80
433.30	-41.20+	5.70+
477.60	-41.20	5.70

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12
Collar Eastings: 9600.00
Collar Northings: 2835.00
Collar Elevation: 7982.00
Grid: 2002 Imperial
Rig:B-20 Dates: Nov.29-Dec.2/02

Collar Inclination: -45.00
Grid Bearing: 335.00
Final Depth: 790.60 feet
POWELL TP; CLAIM:MR5396 Line:96+00E Stat:31+00NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 5, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	63.6	Diabase	13127	20.00	25.00	5.00	3			
		grey, massive, bit blocky diabase								
		minor qtz-epid stringers								
		A4, c0, m2-4								
		no significant mineralization								
		0.0-27.0 m-cg, massive -m4								
		27.0-38.0 medium green, massive, m2-4								
		38.0-40.1 mg, bit bleachy, very weak hem stain grades into (m0)								
		40.1-44.1 pale green, epid stained & bleached (m0)								
		44.1-44.15 pale green fault gouge, CA=30dca								
		44.1-46.0 pale green breccia (as 44.1-44.15) (m0)								
		46.0-49.0 pale - medium green pink, Weak hem stain, fg diab								
		(Similar to 38.0-40.1) grades into								
		49.0-63.6 fg, massive diab becomes very chilled downhole,								
		BC on broken & blocky core/2-3ft, bottom contact @ 29dca								
63.6	75.3	Altered & Brecciated Volcanic	13128	63.60	66.00	2.40	NIL			
		medium grey & pale greenish grey, fg brecciated massive volcanic	13129	66.00	71.00	5.00	NIL			
		Breccia clasts angular, grey fg, m; matrix stongly paler	13130	71.00	75.30	4.30	NIL			
		weak -mod bleached high carb- poss pseudo breccia? contact zone								
		weak foliation @ 50								
		Trace serp? splashes in strong carb stringers - poss altered umv								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, cc4-6, m0-1 no significant mineralization grades @ 50dca into								
75.3	88.5	Altered Mafic Volcanic	13131	75.30	79.80	4.50	NIL			
			13132	79.80	83.60	3.80	2			
		75.3-79.3 medium grey, fg, massive, wkly biotic mafic volcanic	13133	83.60	88.50	4.90	NIL			
		bit recrystallized -fine qc threads bit "cooked"looking A0,c0, m4-6 bottom contact sharp @ 32dca								
		79.3-88.5 paler medium grey to greenish grey, fg, massive to thin bedded/thick lam, wkly sheared/brecciated looking minor qtz-epid-chlorite threads & stringers & weak diss biot threads a0, c0-1, m6 overall <1/2% m-cg diss py throughout bottom contact @ 110 -rotated almost 90 clockwise & xcutting weak fol/banding of 35-40dca								
88.5	139.5	Chilled Diabase & Xeno's	13134	88.50	93.50	5.00	2			
		med-dark grey, vfg, massive, bit blocky, magnetic diabase, highly	13135	93.50	98.50	5.00	7	3		
		chilled & minor bands of highly altered volc downhole as probable	13136	98.50	103.50	5.00	NIL			
		xeno's with vague contacts/ intrusion breccia contacts as	13137	103.50	107.50	4.00	3			
		follows:	13138	107.50	112.50	5.00	3			
			13139	112.50	117.50	5.00	5			
		A0, c0-5, m6	13140	117.50	120.00	2.50	7			
			13141	120.00	124.40	4.40	9			
		TR-locy 10% py diss medium @ cg & occ mod MS py threads gen.	13142	124.40	126.00	1.60	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		associated with xeno bands diss py thro. See sample log.	13143	126.00	128.70	2.70	NIL			
			13144	128.70	132.00	3.30	NIL			
		88.5-100.6 strongly chilled diabase minor qtz/qtz epid/cc	13145	132.00	135.00	3.00	NIL			
		stringers and threads BC @ 38 dca	13146	135.00	139.50	4.50	NIL			
		100.6-101.6 epid & tr hem'd? strongly PM volc band								
		Bottom contact vague & irregular/0.4 grades into:								
		101.6-115.0 Med. Grey, fine grain, chilled diabase								
		occ py stringers and threads & diss splash								
		grades into:								
		115.0-117.5 bit bleached, fine grain, chilled diabase								
		grades into:								
		117.5-120 wkly bxd & chl stringered diabase minor MS py								
		stringers on fracs @ 45 dca								
		grades into:								
		120-124.4 massive chilled very fine grain diabase grades into:								
		124.4-136.8 th banded, weakly fractured and chlorite stringered								
		chilled diabase i/c with aph massive diabase								
		grades into:								
		136.8-139.5 Wkly Bleached, med. Grey, chl stringered wkly								
		brecciated & fractured diabase								
		Bc sharp @55 dca								
139.5	148.8	Pyritic Diabase Contact/Intrusion Breccia	13147	139.50	144.00	4.50	NIL			
		pale grey, very fine grained, chl (bl) str'd & diabase str	13148	144.00	148.80	4.80	2			
		complex monomictic breccia /thermal contact breccia								
		-bleaching = variable cc dev as groundmass								
		bc @ 60 dca -irregular chl net str vein thro.								
		A0 cc5 M6 wk seric (brown/buff?) Wk chl as str								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1-+3% Cg py as diss grains & bx clasts in part as replacement								
		variably developed throughout								
148.8	215.4	Mafic Intrusive- chilled diabase/ mafic volcanic	13149	148.80	153.00	4.20	NIL			
		med. dark green-grey, very fine grain, massive, magnetic,	13150	200.10	204.50	4.40	3			
		minor wh qcc threads & strs, wk diss py, ankeritic feeder	13151	204.50	205.60	1.10	2			
		dyke/chilled diabase phase	13152	205.60	210.40	4.80	NIL			
			13153	210.40	215.40	5.00	7			
		A0-1 c4-2/3 becoming A4 c6-5 downhole								
		148.8-161=M6								
		161-204.5=M2-1								
		204.5-205.06=M1								
		205.06-215.4=M3-4								
		148.8-153.0=3+-1% py decrease downhole m-cg diss								
		153.0-200.1=nsm & locy tr py								
		200.1-215.4=TR-1% wkly? Banded py diss								
		204.5-205.6 pale grey, wk brecciated wall Rx volc xeno wkly pyritic								
		215.4 BC about 45dca								
215.4	225.0	Wkly pryitic strongly carb'd volc (4carb, py)	13154	215.40	219.00	3.60	7			
		pale brown-grey and grey, very fine grain, mod bxd & fine	13155	219.00	222.30	3.30	2			
		Fe-carb stringered /threaded strongly carb'd volc	13156	222.30	225.00	2.70	10	3		
		v. wk foliation /banding @75 dca; grades into:								
		A (4-5) cc0-1 M4								
		2-5% py M-cg diss & occ str threads developed throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
225.0	240.1	QC stringered Mafic Volc (4mvo, qc strs)	13157	225.00	230.00	5.00	NIL			
		Med. Grey, fine grain, massive, mod fractured & brecciated	13158	230.00	235.00	5.00	NIL			
		throughout, matrix = pale grey, wh & p grey qc str threads	13159	235.00	240.10	5.10	NIL			
		throughout with tr v wk epid locy dev'd, odd random thermal								
		frac's at no preferred direction; BC @47 dca xcutting oriented								
		core @ rot'n of 90 dca								
240.1	250.6	Mafic Instrusive (5/4md)	13160	240.10	245.00	4.90	NIL			
		(as 148.8-215.4)	13161	245.00	250.00	5.00	3			
		massive, all broken and blocky core from								
		249.3-250.6 lost orientation								
		BC @ 34 dca								
250.6	260.3	Carb Stringered Mafic volc (4mvo, cstrs)	13162	250.00	251.60	1.60	2			
		(simto 225.0-240.1)	13163	251.60	255.00	3.40	10			
		Med-Strong carb, +/-trace quartz strs and threads throughout	13164	255.00	260.30	5.30	14	10		
		BC 42 dca 260.3ft, BC mod chlc/last 0.4'								
260.3	317.0	Ultramafic volc (4umv)	13165	260.30	265.00	4.70	2			
		Med. Pale grey and green-grey, fine and coarse grained, mottled,	13166	265.00	268.80	3.80	7			
		brecciated; intercalated med. beds massive umv intercalated	13167	268.80	270.30	1.50	3			
		with thick beds of bx/tuff bx, high talc stringers developed	13168	270.30	275.00	4.70	5			
		throughout	13169	275.00	280.00	5.00	NIL			
			13170	280.00	284.00	4.00	NIL			
		260.3-260.8 coarse Bx umv	13171	284.00	285.00	1.00	5			
		260.8-261.1 pale green talc band @ 50 dca	13172	285.00	290.00	5.00	NIL			
		261.1-262.2 coarse strongly talcose bx,	13173	290.00	295.00	5.00	NIL			
		foliation undulating 55-0-25dca	13174	295.00	300.00	5.00	NIL			
		262.2-264.0 coarse spinfex band Bc shp @ 46 dca								
		264.0-265.9 med.bedded, tc & top 1/2 = bx grading downhole to								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		fine spinifex ; Bc about 90 dca on strong talc stringers								
		265.9-268.8 very coarse subround Umv bx								
		268.8-about 270.3 wh buff qv all as broken core poss as flat vein xcutting @30dca								
		about 270.3-284.4 coarse umv bx, strong talc chl alteration & occ interbedded med.beds of massive umv flows								
		284.4-284.7 wh bull qv flat @ 165 dca								
		284.7-299.5 tuff bx and minor i/c massive beds, strong talc chlorite, weak serp; undulating Ca S 45-0 dca down core								
		299.5-300.3 well packed elliptical to rounded umv pillows & Bx-talcose thro.; Grades into:								
		300.3-317.0 coarse umv bx/tuff bx, wk banding/fol 30-40 dca & locy 20dca								
317.0	319.9	Faults								
		pale talcose grey <1m Fault gouge								
		@ 317.0 CA about 10 dca sub ptf								
		@ 319.5 CA 163dca xcutting foliation of 10 dca in Blocky & broken Talc schist/bx (as above)								
319.9	384.0	Talcose Ultramafic Volc (4umv)	13175	350.00	355.00	5.00	3			
		(similar to above)								
		Med. grey, fine grain, th-vth bedded i/c tuff bx, bx & mass. beds ultramafic volc's, weakly fol bx & tuff bands, strong carb-talc alteration in matrix to look like talc carb stringers;								
		locy wk-mod WAC;								
		Atr-1 MO & rare M1								
		319-400-CO 384.0 C1/2 as stringers & minor white alteration spots-calcite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Tr cg diss py in centre of sect-v massive								
		319.9-325.7 tuff bx CA=28								
		325.7-330.8 massive, wk fol 15								
		330.8-341.5 coarse bx CA=15 locy 0dca grades into								
		341.5-355 tuff bx foliation 45-0dca graded @ 45 dca into								
		355-411.6 i/c thb bx & massive talcose flows, Foliation in bx @ 45-55 dca								
		411.6-506.4 very coarse blocky bx & minor massive bnds /very large blocks, Banding @45-55 dca; grades into								
		506.4-527.5 very coarse blocky bx/tuff bx, matrix supported cobbles & boulders angular-well rounded & occ massive bnds, mod WHITE ALTERATION SPOTS- CALCITE throughout grades into								
		527.5-545 very coarse tuff bx becoming clast supported downhole local stringers /bnd @ 0-10 degree-190 undulating downhole, Grades into								
		545-564 bxd umv & locally tuff bx in part only thermally fractured & poly sutured; grades into								
		564-575 massive polygonally jointed, thickly bedded flows & minor i/c hyalo tuff & bx @ about 5 dca ?								
		575-584.0 flow top bx, med-fine gr., clasts elongated @ 0 to 5 dca ; very vague contact grades into								
584.0	624.8	Chl'c massive ultramafic volcanic	13176	400.00	405.00	5.00	10			
		dark brown-green/olive green, very fine grain, massive wk irreg	13177	500.00	505.00	5.00	NIL			
		cstr threads & spots, Wk biot spotting/mg;	13178	600.00	605.00	5.00	15			
		reaction zone as Basal Contact Zone?								
		Locy WAC; mod highly irreg qtz-cc stringers and knots 5-8%								
		Bc shp @ 38 dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0 c1 M0, pyroxenitic?? & chl'c								
		no significant mineralization								
624.8	731.6	Talcose ultramafic volc (4umv/tcs) Grey, fine grain, coarse subround matrix supp Bx & i/c <20% med. beds massive talcose flow bands/beds (similar to 319.9-384.0)	13179	700.00	705.00	5.00	NIL			
		A0 c1-5 +/- WAC M1-0 rare serp splash Tr. Rare very coarse grain py cubes								
		627-630 Th lam qc stringers running length of core @ 0 to 10dca 665-670 CA's schty @ 0-25 dca 705 schty @ 15 dca 725 schty @ 55 dca								
731.6	741.5	Talc Schist (4 tcs) Pale grey, fine grain, very very finely lam, bit bleached looking, strong talc								
		A0 c0 M0-1 minor dol Stringers								
		<1% very coarse grain py in upper 1/2 of section								
		738.5-738.5 fault gouge, CA=146 xcuts wk bndg of 30 dca								
		741.5 grades into								
741.5	790.6	Talc-chlorite schist (4tcs)	13180	780.00	785.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Med. dark grey, fine grain, massive, mod strong cg WAC, very weakly schistose at 15-40dca & occ 1/2 moons, avg about 35 dca/norm & locy 0dca

A0, c3+ M0-1
no significant mineralization

780-785 schist @ 30-50 dca

790.6 ft EOH Drillers rpt 241m (790.7 ft)

Logged by R.V. Zalnieriunas
Dec. 5/02, on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
43.60	-44.80+	
87.20	-44.80	
136.40	-44.60+	335.40+
185.60	-44.60	335.40
282.40	-36.80+	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
520.30	-36.90	
579.35	-37.40+	335.10+
638.40	-37.40	335.10
682.70	-37.20+	335.50+
727.00	-37.20	335.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-13
Collar Eastings: 9000.00
Collar Northings: 3091.00
Collar Elevation: 8025.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.2-3/02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 235.40 feet
POWELL TP; CL:MR5712 L90E,31+00N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: D. McCormack
Date: December 5, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core, Heath & Sherwood (1986) Inc.

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	5.2	Casing
5.2	91.6	Mafic Volc.(4mvo) 5.2-31.4 drab green to chlorite green, fine grained matrix; weakly to moderate carbonitization - pervasive in foliation planes & fractures. Leucoxene Flecs throughout 1-2%; alteration is chlorite, carbonate, ankerite/calcite healed fractures/veins 5.2-7.5 med grained flow top 20.7-22.4 ankeritic clasts/breccia flowtop? 23.0-24.0 oxidized section- water seam, 1% qtz ?Ser. along thin seams, foliation 46 and 65 degree 26.5 1" light Qtz/ank 27-27.6 light grey section with f.g. py, foliation 72/62 py 1-3% f.g. diss 27.6-31.4 carbonatized light grey/chloritic/sericitic carb/chl/ser section flow top with minor leucoxene flecs 31.4-49.5 massive 4mvo dark green fine grain matrix very fine leucoxene flecs pervasive carb, early dark grey chl/carb healed fractures on foliation plane 49.5-50.8 chl/carb/ser chill margin? 55-59.2 massive 4mvo, dark green, low core angle, pervasive carb 1/4" to 1/2" qtz/ank veining

SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
13181	5.20	11.50	6.30	NIL			
13182	11.50	16.50	5.00	17			
13183	16.50	21.50	5.00	14			
13184	21.50	26.50	5.00	7	9		
13185	26.50	29.50	3.00	10			
13186	29.50	34.50	5.00	12			
13187	49.20	54.20	5.00	2			
13188	54.20	59.10	4.90	NIL			
13189	69.00	74.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		59.2-74.5 dark fine grain green matrix leucoxene flecs med grey purple hue, ank very early in fractures tension cracks pervasive mod calcite								
		74.5 gradational To light green fine grain matrix								
		74.5-84.2 drab med green 4mvo fine grain texture, wk carb pervasive								
		84.2-89.5 carb pervasive 2, med grey purple hue, leucaxene flecs alteration contact @75 degrees								
91.6	125.7	Alteration Zone (altered 4mvo)	13190	91.60	96.60	5.00	3			
		Light grey to drab grey green fine grained matrix	13191	96.60	101.60	5.00	2			
		strong brown to light green sericitic sections 4	13192	101.60	106.60	5.00	5			
		difficult to decipher whether sediment or volcanic ank/chl.ser,	13193	106.60	111.60	5.00	12			
		Qtz/ank/chl/ser is prevalent throughout	13194	111.60	116.60	5.00	NIL			
		some py along margins of qtz vein	13195	116.60	121.60	5.00	NIL			
		lime green ser in places								
		foliation planes 72/69								
		No reaction to HCL								
		tr py								
125.7	235.4	Temiskaming Sediments (1 TSEDS)	13196	121.60	126.60	5.00	NIL			
		drab grey/green fine grain to medium grained texture, occasional	13197	149.00	154.00	5.00	10	14		
		mudstone light brown/grey clasts infrequent & narrow light	13198	154.00	159.00	5.00	9			
		quartz/ank healed fractures	13199	174.00	179.00	5.00	9			
			13200	186.00	191.00	5.00	9			
		Ank alteration	13201	198.00	203.00	5.00	NIL			
			13202	203.00	207.80	4.80	NIL			
		154.2-158.3 epid/sericitized section tr py foliation 71/62	13203	230.00	235.40	5.40	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

degrees; ser/ank/epid/ 1-1 qtz/ank tr py

170.0-179.0 gradational sericitic (weak) leucoxene flecs, narrow ank/qtz veins in healed fractures epid fracture
176.5-177.8 wh ser/ank in fracture

179.0-203.0 drab, dark to med green med grained matrix healed ank fractures are infrequent ank pervasive A2-A4 tr py 198-203

203/1-207.8 epid/wh sericite alteration zone/leucoxene with strong ank vein/flooding esp from 206-207.8 epid/wk ser tr py

207.8-235.4 green to wh epid sections, early to late ank qtz vein/fractures, leucoxene flecs becoming moderate pervasive carb to end of hole strong ank qtz healed fractures occurrences between

218.3-230 wk calcite 2-3

233.5-235.4 strong carb/epid

235.4 ft EOH

Logged by D. McCormack
Dec. 5/02
on site at core shack

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-45.60+	0.70+
83.90	-45.60	0.70
152.80	-45.80+	2.40+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14
Collar Eastings: 9000.00
Collar Northings: 3221.00
Collar Elevation: 8028.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.4/02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 235.90 feet
POWELL TP; CLAIM:MR5712 Line:90E Stat:32+30NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 6, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
0.0	7.0	Casing & OB								
7.0	95.4	Sericitic Pebbly Seds (1, 1con) Pale green grey & buff, fine-med grain matrix arkose with <10% well rounded to eliptical mudstone pebbles & occ matrix supported m-tb pebble cong, th b gen scoured & occ transposed & slipped in @ lower CA's, intergrading normal & reverse = pumping due to surge; scours indicate tops face downhole; wkly fol'd at 43 to 55dca downhole; wk qz-ep banding & patches @ top of section A2-4 C0 (stain 2) M0 seric 2 throughout very fine grain diss py tr throughout and locally up to 2 to 3%/<2' sections BC shp @ 39 dca xcuts foln of 46 dca	13204 13205	35.00 75.00	40.00 80.00	5.00 5.00	12 NIL			
95.4	100.9	Altered Chloritic Seds (1 cstrs) Green-grey & buff; fine & med grain, thick lam, well foliated, rextallizing & carb stringered & mottled Sed? Foliation @60 Bc @ 60 A2 C0 M0 tr seri chl land 2-4 tr-<1% very fine grain diss py on partin planes throughout	13206	95.40	100.90	5.50	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
100.9	102.3	Altered & wkly pyritic cherty Mudstone (1m, py) Pale grey & buff, tb-thlam in part carb knot replaced mudstone bed, wkly fractured; Py stringered & threads min'd, lam/s0 bedding 65 dca; becomes brecciated/0.5' BC Bottom contact @70 dca shp A2-4 C0 M0 seric 3 +5% very fine grain py strs ptb & filling fracs	13207	100.90	102.30	1.40	21			
102.3	131.0	Altd & chl'c seds (1 cstrs) (Similar to 95.4-100.9) Mod rextalized, vague pebbles & cobbles present minor wh bull qv & veinlets Xcutting foliation of 50 dca @ about 145 dca c0 M0 2-3% very fine grain diss py & locally 5% or tr/5'-10' 126-131: grades into med blue grey qstr parallel to foliation & seric-chl schist @ 42 dca with minor med grey, cg, high WAC FP (feld porph) stringer xcutting 129.6-129.8 133 dca rotated about 60 deg. clockwise as flat BC about 60-65 dca, grades/0.05' & xcuts foliation of 39 dca	13208	102.30	106.00	3.70	NIL			
			13209	106.00	111.00	5.00	10			
			13210	111.00	116.00	5.00	NIL			
			13211	116.00	121.00	5.00	7			
			13212	121.00	126.00	5.00	NIL			
			13213	126.00	131.00	5.00	3			
131.0	142.6	Mudstone (1 m) Pale grey, very very fine grain, tb, massive, very very weakly seric, very minor dark green mafic intrusion threads injected	13214	131.00	136.00	5.00	NIL			
			13215	136.00	140.00	4.00	17			
			13216	140.00	142.60	2.60	12			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Ptb/xcutting & increasing downhole								
		A0 co-1 M0 seric 2 olive throughout wk mafic injection strs developed in lower 1/2 of section and increasing downhole @ random pattern -wk intr. brecciation								
		tr very very fine grain diss py								
		bottom contact on broken core -is this a strong clay altn zone??								
142.6	142.65	fault black, chloritic gouge, broken core								
142.65	168.2	Magnitite + Clay Altered Sed (1mag)	13217	142.60	145.00	2.40	NIL			
		Dark grey-black, coarsely brecciated & mottled, pale bluish grey	13218	145.00	150.00	5.00	NIL			
		altn banded with epid + staining, Massive looking bit blocky,	13219	150.00	155.00	5.00	5			
		very strongly altered lithology -probably sediment -poss. edge Of	13220	155.00	160.00	5.00	NIL			
		intrusion bx/ magnitite alteration front = metamorphic contact	13221	160.00	165.00	5.00	31			
		aureole	13222	165.00	168.20	3.20	21	15		
		grades downhole into thick banded highly altered magnetic litho & grey metamorphosed pebbly TSEDS -all wkly fractured /brecciated								
		Bottom contact shp@ 28 -wkly undulating								
		A0-to tr, C1-3 & loc 5, M5-3/2 th lam, bit irreg of pale bluish grey alteration banding (xeolites?) & wk seric/epid xcuting thds (pale blue grey bands with strong cc groundmass) - Pervasive diss dusty magnetite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		throughout intense @ top of section & decrease downhole after								
		about 25-30 feet; minor later Wh xcutting cc thd flats								
		Black colour due to magnitite & poss very dusty biot/tour/amph?								
		No significant mineralization -tr fine grain diss py								
168.2	198.9	Contact metamorphosed pebbly TSEDS & Cong (1con-ctz)	13223	168.20	171.00	2.80	12			
		Dark grey & pale buff grey, highly altered contact meta'd TSEDS -	13224	171.00	175.00	4.00	12			
		texture similar to start of hole	13225	175.00	180.00	5.00	14			
		wk banding, foliation & bedding all about 45 dca	13226	180.00	185.00	5.00	19	7		
			13227	185.00	190.00	5.00	15			
		dusty black alt (bio?) decrease downhole with increasing pale	13228	190.00	195.00	5.00	NIL			
		grey destructive clay/seric? alteration	13229	195.00	198.90	3.90	2			
		A0 becoming A1/2 downhole as rare ank thds & wk bnded matrix								
		Co, M0-1 as rare mag spots								
		trace py								
198.9	234.2	Trachytic Porph Syn (7syp, 1, 7 ctz)	13230	198.90	204.30	5.40	3			
		Dark grey, brown-red-grey, wkly chilled dirty assim'n zone in	13231	204.30	206.00	1.70	2			
		tracytic textured syenite porphyry, <15%-20% feldspar megacrysts	13232	206.00	207.00	1.00	2			
		all flow bndd @ 35-40 dca -locally <30% feld's; occ minor bull wh	13233	207.00	208.40	1.40	NIL	NIL		
		qc flats with green chl & very coarse grain magnitite developed @	13234	208.40	211.40	3.00	7			
		walls @ 125-130 dca & i/c pm sed wall Rx xeno's & pm ass'd ctz as	13235	211.40	213.10	1.70	2			
		follows:	13236	213.10	217.00	3.90	2			
			13237	217.00	222.00	5.00	5			
		198.9-204.3 tracy porphyry, grades into	13238	222.00	224.20	2.20	NIL			
		204.3-207.0 brown ctz, veining swirled with 15-20% qv's; bc @ 45	13239	224.20	228.10	3.90	NIL			
		dca	13240	228.10	229.90	1.80	NIL			
		207.0-208.4 ctz? with 30% seric & clay altered bx stringers	13241	229.90	234.20	4.30	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		/vent passage channel? dev parallel to foliation @ 60 dca / 0.1-0.2' ; grades into 208.4-211.4 tracy syn, brown-red-grey, tr quartz threads Bc shp @ 59 dca 211.4-213.1 ctz, strongly mottled wk Pale green grey, irreg seric stringers & swirls; Grades @ 56 dca into 213.1-222.0 grey mg tracy syn porph; quartz vein flat from 215.0-215.8 134dca; flow bndg 20-40 dca -grades/0.3bx into: 222.0-224.2 grey & green-grey ctz gm wk seric increasing downhole trace epid? ; Bc shp @ 34 dca 224.2-226.6 brown & orange brown-grey wkly porph'c tracy syn grades into 226.6-228.1 brown & orange brown syenite chill zone, minor qc thd Bc shp @ 45 dca 2228.1-229.9 pale grey carb altered sed xeno, rextalized, mod fractured & chl thrdd (irreg); Bc irreg & stepped 110 dca 229.9-232.6 mg tracy syp; grades into 232.6-239.2 chilled aph Syenite; Bc very irreg & flamed -wk chl (green) spotting -poss @ 60 dca								
234.2	235.9	Highly altered sediments (1?) Ctz pale green-grey, grey, fine grain, strongly swirled & mottled wk chl (gr) stringers & patches? -all section highly re-xtalized Sediments -some vague textures suggesting pebbles (relic)	13242	234.20	235.90	1.70	5			
		235.9 ft EOH (Drillers Rpt. 72 m (236.2 ft))								
		Logged by R.V. Zalnieriunas Dec. 6/02								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.50	-44.20+	0.50+
100.30	-44.20	0.50
161.00	-43.30+	2.50+
221.70	-43.30	2.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-15
Collar Eastings: 9000.00
Collar Northings: 3392.00
Collar Elevation: 8029.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.4-5/02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 232.30 feet
POWELL TP; CLAIM:MR5712 Line:90E Stat:34+00NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 8, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	154.9	Non-magnetic Metamorphic Contact Aureole Zone	13243	0.00	5.00	5.00	5	19		
		altered cong/pebbly sed (1con-ctz) med grey & buff str'd, bit	13244	5.00	10.00	5.00	2			
		mottled, mg gritty altered ss/Arkose with vague relic pebble &	13245	10.00	15.00	5.00	3			
		occ cobble sized clasts preserved, mod rextlized, wkly gr chl	13246	15.00	20.00	5.00	NIL			
		stringered & threaded, matrix showing variable brown-yellow to	13247	20.00	25.00	5.00	NIL			
		buff wk seric alteration pref/clasts.	13248	25.00	30.00	5.00	NIL			
		-massive looking with wk seric bnds & chl str's, very wk/nil	13249	30.00	35.00	5.00	5			
		folation, minor banding/preserved s0 bedding as chlc stringers	13250	35.00	40.00	5.00	7			
		38-45 dca, becoming about 50 dca base of section	13251	40.00	45.00	5.00	2			
		-BC about 140 dca? - very vague/0.1'	13252	45.00	50.00	5.00	5			
			13253	50.00	55.00	5.00	2			
		A0-tr/1, cc0 (stains 2/1) M0	13254	55.00	60.00	5.00	2			
		-wk chlc irregular threads & stringers seric 1 in matrix	13255	60.00	65.00	5.00	9			
		-black/grey dusty alteration with fine grain = amphib'n	13256	65.00	70.00	5.00	31			
		-very wk Fe/hem stains/mottling = tr	13257	70.00	75.00	5.00	7			
		-no significant veining, minor wh qcc thds as flats & occ	13258	75.00	80.00	5.00	14			
		parallel to foliation	13259	80.00	85.00	5.00	NIL			
		-black dusty amph alteration decrease downhole with seric matrix	13260	85.00	90.00	5.00	51			
		alteration increase downhole	13261	90.00	95.00	5.00	14			
		-tr occ qtz-epid stringers as irreg rare massive xcutting	13262	95.00	100.00	5.00	34	27		
		throughout/1-2'	13263	100.00	105.00	5.00	22			
			13264	105.00	110.00	5.00	27			
		1-3% very fg- fg diss py & occ 3%/1-3ft diss bands dev'd	13265	110.00	115.00	5.00	NIL			
		throughout	13266	115.00	120.00	5.00	63			
			13267	120.00	125.00	5.00	21			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		20.0-30.0 stronger Buff, greenish-yellow des? Seric alteration	13268	125.00	130.00	5.00	19			
		bnd with strong gr chl stringers irreg	13269	130.00	135.60	5.60	NIL			
		91.1-113.0 paler grey, strong dest alteration zone/wk BZ (bleach	13270	135.60	140.00	4.40	NIL			
		zone), no sig carb (or poss dol?) -wk seric stringers ,	13271	140.00	145.00	5.00	5			
		wk chl, no orig textures pres'd, grades @ 55dca into,	13272	145.00	150.00	5.00	12			
		113.0-154.9 wkly pres'd pebbly Con/pebbly Arkose With mod wk								
		seric stringers @ 65dca & pseudo Brecciation as seric net								
		veining; -colour mottled grey & brown grey								
154.9	180.0	Altered mudstone/siltstone (1m alt)	13273	150.00	155.00	5.00	NIL			
		grey, fg, massive, th b, mud/siltstone	13274	155.00	160.00	5.00	31			
		-wkly crackled & chl str sealed	13275	160.00	165.00	5.00	38	45		
		-bit blotchy vague tr hem staining throughout SO @ 32dca @ 168.3		13276	165.00	170.00	5.00	NIL		
		-grades into	13277	170.00	175.00	5.00	NIL			
			13278	175.00	180.00	5.00	NIL			
		A1-2, cc0, M0 tr very wk hem blotchy & minor irreg lim. crackle								
		zones, tr gr. Chl strs & thds								
		F& mg diss py throughout								
180.0	223.0	Altered pebbly Arkose (1a, alt tr hem)	13279	180.00	185.00	5.00	NIL			
		blotchy & mottled, grey, brown grey, green grey, highly altered	13280	185.00	190.00	5.00	NIL			
		sediments, occ pres'd relic pebble/cobble, varied intense to mod	13281	190.00	195.00	5.00	7			
		alteration bands & mottling	13282	195.00	200.00	5.00	27			
		-highly rextlized, few orig textures remain	13283	200.00	205.00	5.00	NIL			
		-very wk foliation @ 55dca	13284	205.00	210.00	5.00	NIL			
		@ 200' mostly Massive looking & bit blocky throughout	13285	210.00	215.00	5.00	26			
			13286	215.00	220.00	5.00	26	26		
		A0-1/2, cc0 M0 hem 1, hem increases downhole, ser 1-3/0	13287	220.00	223.00	3.00	NIL			
		-minor gr chl str's								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-occ bx str vein of lim? -tr rare green epid in matrix								
		207.7-208.0 wh & grey ribbon quartz veinlet flat @ 125dca BC @ 135dca								
223.0	226.4	Altd Ultramafic Volc? (4umv-alt) dark grey & mottled brown-green-grey, mg, very wkly talcose stronly rextlized, all secondary clay/alteration minerals felted throughout with 0.4' wh bull quartz veilet flat with <2% gr chl stringers @ 60dca xcutting foliation of 120dca -BC shp @ 142dca	13288	223.00	226.40	3.40	7			
226.4	232.3	Wkly Hem'd Altered Sediment? (1 wk hem, alt) grey and brown-grey mottled, f & mg, massive & swirled, highly rextlized, no orig textures, strong colour mottling, wk matrix brecciation, -rare cc thds	13289 13290	226.40 229.00	229.00 232.30	2.60 3.30	3 22			
		A0-1, cc0 M0 hem 1-2 tr seric tr vfg & mg diss py throughout								
		232.3 ft EOH (Drillers rpt 71m (232.9 ft.)) Logged by R.V. Zalnieriunas Dec. 8/02 on site								
		Hole Survey Note:								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.25	-44.00+	359.90+
90.50	-44.00	359.90
149.55	-42.60+	1.20+
208.60	-42.60	1.20

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16
Collar Eastings: 9600.00
Collar Northings: 2835.00
Collar Elevation: 7960.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.6/02

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 229.70 feet
POWELL TP; CLAIM:MR5396 Line:96E Stat:28+50NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 9, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	2.5	OB - Casing (pushed to 5ft)								
2.5	91.2	Sericitic Pebbly Temiskaming Sediments (1TSEDS seric)	13291	25.00	30.00	5.00	NIL			
		pale grey-greenish grey, m-cg seric'ic, well rounded sandstone	13292	85.00	90.00	5.00	19			
		matrix with <10% elliptical rounded mst pebbles & cobble clasts								
		throughout, trace rare fuch clast subangular; thickly bedded?,								
		mod carb str'd, very thick ank bands throughout;								
		minor <1'-0.2' orange lim str bnds dev'd parallel to foliation								
		as carb'd str replacment & stains on jts = water seams throughout								
		A5-3, c0, M0								
		-seric 2								
		-wk thick bnd chl 1 & occ wk ser stringers								
		-no significant mineralization to locally tr fg diss py								
		02.5-20.0 seric pebbly sed & minor congl, s1/s0 = 37dca								
		minor lim on jts, occ; grades into								
		20.0-31.0 wkly gr chlc, pebbly seric sed, locally cong?								
		Grades into								
		31.0-36.3 seric fg SS &, tr lim on frac rare								
		36.3-37.5 grey-green congl-grades to pebbly ,decreasing lim								
		-wkly chl & seric atln, grades into								
		37.5-39.0 pale grey carb'd Breccia; BC xcutting @ 170 Rot 60								
		counterclockwise to fol'n								
		39.0-39.4 k (seric) str bnd xcuts								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		39.4-41.2 seric'c sed, wk spotty Black chl alt'n; Bc @ 42 41.2-42.0 blocky, lim & earthy str'd zone & i/c 50% seric sed + water seams / altered fault?, CA'S about 40dca 42.0-50.3 grey seds, wk seric, wk black chl thd bndg BC shp @ 42dca on dk fault slip/0.01' 50.3-65.2 seric congl, foliation @ 40-50dca 65.2-66.4 wk lim str zone parallel to foliation @ 40dca bit blocky 66.4-79.9 seric pebbly sed becoming wkly black chl altered in lower1/2 of section 79.9-82.5 (as above) i/c 50% with wk BZ bnds <1' xcutting foliation @ 30dca rotated 90 counter clockwise, foliation about 55dca; grades into 82.5-91.2 grey pebbly seds, wk k, bl chl alteration increases downhole to wk-mod perv.throughout (-looks like MS setting); BC = 160 shp as undulating intrusive contact xcutting foliation of 56dca								
91.2	107.2	Diabase (5) Dk grey, fg, massive, bit blocky & mottled; mod qc-epid threads, margins ribboned & chilled/<0.5 @ TC & th banded & non mag @ BC/103-107.2' BC jagged @ 155dca & undulating slightly xcuts foliation of 60dca in lower section A2, c0, M2, margin M0 -no significant mineralization								
107.2	122.7	Sericitic pebbly Temiskaming Sediments (1 seric)	13293	110.00	112.00	2.00	15			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		(as 2.5-91.2)	13294	118.00	122.70	4.70	NIL			
		Avg foliation = 45dca								
		BC shp @ 57dca								
		A2, c0 M0								
		ser 2								
		black chl-2 increasing downhole								
		tr fg diss py and minor 0.1 mg py thd dev'd @ 110.95 parallel to foliation @ 35dca								
122.7	151.0	Highly Altered Carb'd Sediments (1 carb)	13295	122.70	124.40	1.70	10			
		Mottled & bndd, grey, brown-grey, dk grey & greenish-grey f & mg,	13296	124.40	127.50	3.10	12			
		strongly carb'd & rextlized sed, locally BZ'd/shist sect'ns,	13297	127.50	128.40	0.90	14			
		vague clasts pres'd in upper 1/4 of section grading downhole into	13298	128.40	131.00	2.60	9			
		highly carb stringered & mottled metamorphic lithology	13299	131.00	136.00	5.00	10			
		Wk banding & foliation @ 50-60dca	13300	136.00	137.30	1.30	NIL			
		grades into @ 55dca	13301	137.30	141.00	3.70	NIL			
			13302	141.00	146.00	5.00	10			
		A6-5, c0, M0	13303	146.00	151.00	5.00	22			
		wk seric as Thds & alteration on jts								
		wk perv Gr & bl Chl in dker section bands								
		-wk WAC (WHITE ALTERATION SPOTS- CALCITE) & spotting, local c stringers & rare cv's								
		-minor gr chl thds dev coating jts								
		Tr fg diss py								
151.0	154.6	Highly Altered Wkly hem'c Sediments (1 carb, hem)	13304	151.00	154.60	3.60	5			
		pale pink, brown, fg, th lam, strongly rextlized & pale grey Fe-carb (+25%) stringered & knotted alt'd sediment?, no orig								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		textures, well crackled & carb'd, wk foliation /frac's @ 50-60dca								
		-grades into brown carb in lower 1/4 of sect								
		BC-grades /0.2' @52dca								
		C0,A6,M0								
		-hem 2-1								
		-gr chl thds coating jts & fracs								
		-wk seric haloing some xcutting jts								
		-no significant mineralization- tr very fg diss py								
154.6	161.1	Chlorite-Carbonate CTZ Shists (1ctz +/-7 strs)	13305	154.60	159.40	4.80	9			
		Med- dk olive green, fg, massive, chl'c seds? / schist with 25-	13306	159.40	161.10	1.70	NIL			
		50% pale grey carb stringers , knots & th lam dev @ 80, 55 &								
		30dca and minor i/c syenite stringers								
		A6, c0, M0								
		chl 4								
		seric tr								
		159.4-161.1 50% Bx'd pink & cstr'd chilled undulating syn bnds (2)/stringer ribbons dev'd parallel to schistosity @ 45dca								
		BC @ 47dca								
161.1	187.5	Chilled & Carbonitized Syenite (7syn carb)	13307	161.10	166.00	4.90	NIL			
		pink, very fg, massive, highly fractured & crackled & filled	13308	166.00	171.00	5.00	NIL			
		with irreg pale grey Fe carb thds & masses & locally tr qtz;	13309	171.00	175.00	4.00	NIL			
		rare bull clear to white qstrs & qtz vlts as flats, no sig min'n	13310	175.00	179.80	4.80	2			
		minor dk green/blue chlorite coating fracs- thds @ 135dca	13311	179.80	182.00	2.20	12			
		BC about 60dca pm & vague	13312	182.00	187.50	5.50	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A4, c0, M0 tr f & mg diss py								
187.5	192.0	Carbonate Zone (3) very pale grey, almost greenish white, mg, highly carb'd; bleached & carb'd sed? Very wk bndg/foliation @ 60-45dca grades into	13313	187.50	192.00	4.50	5			
		A6, c0, M0 -tr disrupted gr chl threads & stringers -very wk pale green seric throughout tr fg py								
192.0	202.7	Chilled Carb'd Syenite (7 syn carb) (similar to 161.1-187.5) massive & crackled, margins pm & gradational with orange-brown & pink mottled assimilated country rock, thick lam, cst'd from 192.0-193.5 & 201.2-202.7 grades @ 68dca into	13314 13315 13316	192.00 197.00 201.20	197.00 201.20 202.70	5.00 4.20 1.50	41 34 7			
		A4, c0, M0 20% pale grey carb thds & wk qtz with cthds & stringers sometimes showing very fine <0.1 black chl rims -no significant mineralization to tr f & mg diss py								
202.7	206.0	Carbonate Zone (3) pale greenish-buff, f & mg, wkly mottled & Brecciated , fine gr chlorite xcutting thds @ 55 & 90dca BC @ base of pale grey CV/0.3' grades into	13317	202.70	206.00	3.30	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A6, c0 m0								
		Seric 2?								
		Tr chl thds								
		-no significant mineralization								
206.0	229.7	Highly Altered & Carb'd Sediments (1 carb)	13318	206.00	210.00	4.00	7			
		(similar to 107.2-122.7)	13319	210.00	215.00	5.00	7			
		grey-greenish grey, mg, carb'd ss with <5% pale grey aph clasts	13320	215.00	220.00	5.00	2			
		pres'd throughout, very wkly foliated @ 55dca	13321	220.00	225.00	5.00	3			
			13322	225.00	229.70	4.70	NIL			
		A4, c0, M0								
		Seric very wk tr-2								
		wk bl chl tr to very wk as th bnds throughout								
		-no significant mineralization								
		219.3 wkly flamed S0 bedding @ 55dca								
		229.7 ft EOH Drillers rpt 70m (229.7 ft)								
		Logged by R.V. Zalnieriunas								
		Dec. 9/02								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
43.60	-42.60+	353.20+
87.20	-42.60	353.20
136.40	-42.40+	354.80+
185.60	-42.40	354.80

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-17
Collar Eastings: 9609.00
Collar Northings: 3832.00
Collar Elevation: 7962.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.7/02

Collar Inclination: -45.00
Grid Bearing: 355.00
Final Depth: 197.00 feet
POWELL, CL 1207550 L96+15E 38+45N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 9, 2002
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	2.6	Casing in OB								
2.6	197.0	Weakly Sericitic Pebbly Temiskaming Sediment	13323	32.90	34.90	2.00	33	65		
		pale green-grey, grey, mg, massive SS/arkose beds with <10% pale	13324	34.90	39.20	4.30	NIL			
		grey matrix supported mudstone pebbles & rare fuch;	13325	80.00	85.00	5.00	17			
		clasts: occ cobbles & rare congl; matrix: med-thin interbeds	13326	135.00	140.00	5.00	5			
		minor faults & limonitic water seams	13327	180.00	185.00	5.00	NIL			

A0-A3, c0-3, M0
wk seric matrix; wk gr. Chl bndg; minor carb banding & ank alteration; tr-nil fg diss py & rare xcutting MS py strs

2.6-15.0 very blocky core, wk Fe lim stringers & wk perv. Chl, a2, c0; grades into:
15.0-32.6 grey congl'c SS/arkose, a tr-1, cc2 -cc on frac's decr. downhole becoming cc6/last 1ft, tr seric; become more pale grey downhole; wk foliation 40; bottom contact 52dca
32.6-32.8 pale brown broken core, bit vuggy, poss. fault?
32.8-34.9 med- dk grey cc carb zone, massive looking with pale grey xcutting cc BZ stringers & patches with ass'd Py diss; BC @ 152dca
34.9-39.2 green-grey, m-cg SS, wk seric-chl+/-epid alteration, mg diss py ; grades into
39.2-59.7 wkly seric green-grey pebbly TSEDS, ty py A0-tr, c1-3, M0; -tr gr ch thds, wk fol @ 38dca grades into

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-17

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

59.7-100.0 grey pebbly Tseds, trace a, cc tr-2 & minor cc thds throughout, tr rhodocrosite, tr fuchsite patches; at 83.9ft have 0.01-0.02' xcutting very fg py stringer, overall fol'n 35-55dca ; grades into

100.0-115.0 grey TSEDS (as above), A2, cc0-tr, M0 grades into

115.0-134.5 wkly carb'd TSEDS (sim to above), mod Fe carb altn & rextlizn & minor brecciation & stringers , A6-4, cc0, M0, foliation @ 45dca ; grades into

134.5-197.0 wkly seric, wkly Fe carb'd TSED, pebbly as above A4, c0-2/1, M0, becoming mb end of sect 32-45dca avg 40 dca; min xcutting lim. stringers in top 1/2 of sect'n

197.0 ft EOH Drillers rpt 60m (196.9 ft)
Logged by R.V. Zalnieriunas
Dec. 9/02
on site

Hole Survey Note:
values marked + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-42.30+	351.10+
83.90	-42.30	351.10
133.15	-40.20+	352.50+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18
Collar Eastings: 10370.00
Collar Northings: 2918.00
Collar Elevation: 7914.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.8-14/02

Collar Inclination: -45.00
Grid Bearing: 335.00
Final Depth: 1125.50 feet
CAIRO & POWELL TP; CLAIM:MR5707 L104E/29+00NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 13, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
0.0	2.2	Casing & OB casing pushed to 1.5 m (4.9 ft)								
2.2	122.3	Talcose Ultramafic Volc Bx/Tuff Breccia (4umv-bx) Med-dark grey, fg, wkly foliation & bndd tuff breccia (agglom. -monomictic, clasts well rounded to occ subangular, matrix supported, fg massive mafic pebbles to cobbles & occ boulders, matrix wkly rextalzmg ultramafic, locally WAC'd/cc stringered & *brecciated; -no noticeable grading = matrix supported Rubble* /blocky breccia flow A0, cc0-1, dol as WAD & stringers throughout D4, M0 -tr rare serp splash at dol str walls -wk gr chl; -mod to strong Talc; (bit blocky throughout) -tr m-cg subhedral diss py rare 2.2-10.0 very blocky & broken core 25.0- wk foliation /flow beds? @ 33dca ptj 10.0-70.0 matrix supporter bx, 70% clasts grades @ 40dca 70.0-72.3 clast supported Cobble size angular thermal frac bx grades into 72.3-78.5 almost massive looking poly sutured, strong talc, weak chlorite umv, minor carb beds?; Grades into 78.5-122.3 wkly graded matrix supportd bx becoming a bit finer/smaller clasts downhole, looks like umv pillow bx in	13328 13329	25.00 80.00	30.00 85.00	5.00 5.00	19 NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		lower 1/2 of section, wk foliation @ 45dca (103')								
		BC-undulating & scoured? @ 20dca xcuts foliation of 38dca								
122.3	129.6	Talcose Ultrmafic Volcanic (4umv) grey, fg, massive, mb with minor i/c interflow breccia bnds BC on broken core								
		A0-1, cc1, do1?, M0 -no sig. min'n								
		127.0-127.3 milky wh, fg massive cc +/- qtz vein-bull @ 66dca								
129.6	131.2	Fault & LC talcose ultrmafic volc. & minor green talcose sandy fault gouge -all blocky & broken gnd & lost core from about 129.8-130.5ft								
131.2	139.4	Talcose Ultramafic Volcanic (4umv) (as 122.3-129.6)								
		massive, BC on broken core & sandy talc fault gouge								
139.4	140.2	Fault & LC (similar to 129.6-131.2)								
		-core fragments & minor gouge preserved, all broken, gnd & lost core from about 139.5-140.2ft (lost +80%)								
140.2	150.1	Broken & Blocky Ultramafic Volcanic								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		(as 122.3-129.6) core remnants of high talc massive UMV, LC & GND core from about 143.5- about 149ft (95% lost)								
150.1	150.9	fault +0.05ft green talcose Rx powder, lithic frags, in UMV fault gouge xcutting @ low angle from about 3-5dca BC wall ≈ bleach zone of white carb? / 0.07ft BC on broken core								
150.9	169.5	Talcose Ultramafic Volcanic Breccia (4umv-bx) grey, talcose (similar to 2.2-122.3) -Bit finer clasts, locally more matrix supp med.beds, looks more like pillow breccia A0, c1, M0 tr py								
169.5	170.1	GND & LC -minor pale grey fault gouge pres,d, poss fault?								
170.1	211.0	Ultramafic Volc. Breccia & Massive Flows (4 umv-WAS) grey, fg, breccia thb-md (as 2.2-122.3) i/c with th-m massive UMV flow beds/bands/poss very large boulders? Strong cg dol WHITE ALTERATION SPOTS- DOLOMITE dev'd throughout, preferentially in bx matrix / wkly dist'd in massive beds, wk foliation @ 60-40dca throughout grades @ 35dca into	13330	180.00	185.00	5.00	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c0-1, D4, M0 -tr chl & serp -high talc -no significant mineralization								
211.0	282.3	Ultramafic Volc. Breccia & Massive Flows (4umv) (similar to above) A0, c1-0, M0, wk dol &/cc threads, stringers & angular knots Tr serp, becoming paler green & increasing talc below 250.0 ft with increasing tr to a2 ank/fe-dol gndmass 232.0- s0=32dca 258.3- s0=55dca below 258.3, could be called a massive talc-carb schist, med grey, fg, massive with minor fine carb threads & stringers increasing downhole ; BC@65dca grades into **Start of Banded Schist Zone**	13331	250.00	255.00	5.00	NIL			
282.3	290.5	Chl-carb+/-amph/biot Schist (4cls) grey, becoming green & grey banded downhole; fg, tl, massive schist, foln/schty @ 40-55dca i/c with thl qtz-cc strs parallel to schistosity throughout; grades parallel to schistosity at 62dca into: A0, c1-5, M0 -tr biot diss in upper 1/4 becoming ank Chl'c downhole -no significant mineraliztion	13332 13333 13334	282.30 286.30 288.00	286.30 288.00 290.50	4.00 1.70 2.50	NIL NIL NIL	 3 		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
290.5	297.5	Carb'd & Chl'c Mafic Volc (4mvo?)	13335	290.50	294.00	3.50	NIL			
		pale green, fg, massive, mod fractured & sealed with irreg net	13336	294.00	297.50	3.50	12			
		veining qtz-cc stringers & threads throughout @ 60, 25 & 155dca								
		-becoming wkly fol/shd in lower 1/2 @ 50dca;								
		BC shp @ 45dca parallel to foliation								
		A0, C2-4, M0								
		-mod chl'c								
		-bleached & carbd looking								
		-no significant mineralization								
297.5	548.8	Talc-chlorite-carb schist (4 tcs)	13337	297.50	300.00	2.50	39			
		med dk grey & green grey, fg, thl, locally thb massive talc	13338	300.00	305.00	5.00	7			
		with WAC (white alteration spots- calcite) schist	13339	305.00	310.00	5.00	2			
			13340	310.00	314.00	4.00	NIL			
		A0, c variable 0-6 usually 0, M0 297.5-388	13341	314.00	316.70	2.70	NIL			
		M2-1 388-463	13342	316.70	320.70	4.00	55			
		M0 463-548.7	13343	320.70	325.00	4.30	2			
			13344	325.00	330.00	5.00	3			
		299.1 schty CA's flip on small "M" fold nose from 50dca to 165dca	13345	330.00	335.00	5.00	2			
		& are rot'd about 20-30 clockwise and showing 25dca fold	13346	368.90	371.00	2.10	12			
		hinge penetrative cleavage off & on for next 20-30ft	13347	380.00	383.60	3.60	2			
		NB: this is start of targeted N-S structure	13348	383.60	388.00	4.40	NIL			
		-dips steep west?	13349	388.00	391.50	3.50	3			
		300.0-316.7 tl-thick lam, qtz-cc stringered parallel to	13350	391.50	395.00	3.50	5			
		schistosity tcs; CA's 0-160 & minor 45-30 undulating	13351	395.00	399.10	4.10	3			
		downhole; -BC irreg about 93dca	13352	399.10	404.00	4.90	NIL			
		316.7-320.7 irreg wh mg bull qtz +/- cc vein * 10-20% green	13353	450.00	455.00	5.00	7			
		chl stringers 22 & 144 dca; -BC 122dca	13354	500.00	505.00	5.00	NIL			
		320.7-330 gr chl +/-talc schist & i/c qcc stringers parallel to	13355	526.50	531.70	5.20	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		schistosity & minor knots; avg schty @ 135dca -BC @ 100dca								
		330-368.9 th bndd talc & talc-chl schist; mod- strong qcc strs & knots pts throughout; schty 145-160dca; BC 100dca								
		368.9-369.8 milky wh bull qtz +/- cc vein; BC @ 110dca								
		369.8-371.0 chl +/- tr talc schist; Massive-wkly sheared, 1/2 moons of wh qv/strs; -schty @ 141dca ; grades into								
		371.0-383.6 talc-chl schist, squiggly qcc & cc stringers & knots throughout; milky wh qstr/0.05 381.65 113 degree & minor "S" drag fold dev'd/0.1 uphole in wall; wh bull qcc vlt @ 383.2-383.5 @ 122dca spts								
		383.6: fault gouge <1mm parallel to schistosity @ 122dca, bit rot 20 counter clockwise								
		383.6-about 388.0 talc-chl schist, tr & cg diss py; grades into								
		388.0-393.2 wkly sil'd & cc'd tcs with irreg pale grey qtz as stringers spts @ 140dca & massive/1ft, no significant mineralization; magnetic; Grades into								
		393.2-395.0 (similar to above) minor pale grey qsts & thds parallel to schistosity + wh massive qcc stringers & threads & knots; magnetic; Grades into								
		395.0-469.0 th lam grey tcs-carb + i/c mb massive bnds, highly talcose UMV dev'd parallel to schistosity @ 140-160dca; grades into								
		469.0-477.5 med grey, fg, massive talc carb/talcose umv, rare c threads; -mod cg white alteration spots- calcite throughout; grades into								
		477.5-526.5 talc schist, med dk grey th lam & i/c m-th b/bnd, massive talcose umv (as above), wk c stringers & threads, tr splash Serp; avg schty @ 135; grades into								
		526.5-531.7 dk med green chl-talc schist i/c 20% with qcc str's,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		thds & knots gen Parallel to schistosity @ 120-160dca & rare 30dca on wk open crenulations; Grades into								
		531.7-548.8 dk green chl-talc schist, t-thlam -CA'S folded, knotted & locally sliped; -tr epid, strong talc, wk white alteration spots- calcite								
		-535.0 CA 170								
		-536.5 CA 12 through open fold nose								
		-540 CA 15								
		-541.4 CA'S in "W" fold, on 30deg lineation with penetrative cleavage @ 146dca								
		-544 strongly crenulated foliation @ 40dca; pen. cleavage S2? @ 145dca seen as slips (tight)								
		-546 CA @ 0								
		-546-548.8 undulating CA'S 0-35dca								
		grades @ 120dca on alteration front into:								
548.8	552.8	Talc Schist (4tcs), pale grey, very fg, almost massive looking, very fine lam'd/scht 126dca; grades into 110dca								
552.8	600.8	Chlorite Schist (4cls)	13356	575.00	580.00	5.00	58			
		green, fg, massive looking, very fine schty & ribboned @ 110-	13357	580.00	585.00	5.00	15			
		160dca in large open folds/crenulation structures undulating down	13358	585.00	590.00	5.00	7			
		core; rare bull qcc stringers & threads parallel to schistosity	13359	590.00	595.00	5.00	19	27		
		&/xcutting	13360	595.00	600.00	5.00	NIL			
		A2, C0-1/3 tr, M0								
		-no significant mineralization								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		564.1-565.0 wh milky qtz cc vein @ 100dca xcuts & rot'd 90 565.3-565.6 ditto, qc stringers , TC @ 36, BC irreg 581 schty @ 160dca, BC on thin washer core CA about 90dca								
600.8	603.4	Contact Zone Chlorite Schist & Lamp (4 cls,9 stringers) green-grey, m cg, tl disrupted & folded talcose chlorite schist & irreg stringers of chilled grey lamprophy dev'd gen parallel to schistosity A2, c0, M6 5-10% mg diss py on schist planes 601 schty @ 93dca 601.5 tight Slip @ 18dca, sinistral? 602 CA schty @ 25 bit rot'd clockwise BC @50dca, rot 30 clockwise	13361	600.00	602.80	2.80	12			
603.4	604.9	Lamprophy pale brownish-grey, f & mg, wk biot Wk fol @ 65 BC @ 42 but rot 20 clockwise A0, c0, M0 -no significant mineralization								
604.9	605.7	Chlorite Schist dk green, m-fg, massive, xenolith BC @ 151 with qcc wedge								
605.7	618.6	Syenite (6 syn) poly phased Brownish pink-grey, massive	13362 13363	602.80 605.80	605.80 610.50	3.00 4.70	9 NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13364	610.50	614.50	4.00	NIL			
		A0, c0, M0	13365	614.50	618.50	4.00	7			
		605.7-606.5 wkly biotic & wkly flow bndd @ 156dca grades into parallel to foliation to: 606.5-614 wkly bndd grey & pink, highly chilled Felsite/chilled syenite -tr chl wisps, mg-fg diss py; rare 1/2 moon lamp @ 613ft; 614-615ft low angle undulating contact @ 5dca flamed 615-618.5 biotic & th lam, dirty syn assim'n zone, looks lamprophyric; trace talc on parting planes Bndg @ 20-35dca undulating 618.5-618.6 mg syn str @ 23dca								
618.6	619.7	Chlorite Schist green, fg, massive, th lam, m bnd, minor qcc threads & tb @ 25-35dca, BC shp @ 50dca rot 20 counter clockwise =xeno??	13366	618.50	619.60	1.10	5			
619.7	624.7	Felsite?/Meta Sediment Xenolith (1/6ctz) grey, fg, tl flow bands, med grey with m-tr hem stain bnds throughout; mostly looks like a cooked sed? Tl/mb with s0 bedding wkly crenulated & contorted from 50-20dca in "S" folds to 622.0ft & then running @ 0dca downhole to 623ft -contact @ 155 parallel to foliation	13367	619.60	624.70	5.10	NIL			
624.7	627.6	Chlorite Schist dk green, massive, fg, minor cc threads, wk foliation BC @ 130dca shp parallel to foliation	13368	624.70	627.60	2.90	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2, c0, M0								
627.6	635.7	Metasediment (1?)	13369	627.60	631.70	4.10	5			
		(as 619.7-624.7)	13370	631.70	635.70	4.00	10			
		grey, fg, thl, m-thb, mod blocky becoming very blocky & broken downhole								
		A2, c0, M0								
		629.7 S0 66dca								
		630.5-637.0 Broken Core								
		634.0 S0 33dca								
635.7	642.1	Mafic volc (4mvo)	13371	635.70	640.00	4.30	55	50		
		pale green, fg, massive, wkly crackled & sealed with wh cc	13372	640.00	642.10	2.10	NIL			
		stringers & threads & min wk hem stain bndg								
		-BC vague @ 45dca								
		atr, ctr, M0								
		636.4-638 broken core								
642.1	664.6	Carb'd Siltstone (4ifs/1)	13373	642.10	645.00	2.90	NIL			
		pale green, fg, thb, thl beds, contorted & crenulated	13374	645.00	650.00	5.00	2			
		CA's roll from TC 45dca to undulated down core 645-645ft with	13375	650.00	655.00	5.00	21			
		bedding (S0) about 90dca & starts to rotate 30 clockwise through	13376	655.00	660.00	5.00	10	5		
		series of crenulated "M" folds's	13377	660.00	664.60	4.60	17			
		653 S0 is 125dca								
		662.2 S0 @ 123dca, bit stepped								

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		662 avg S0 @ 165dca undulated as open "S"'s, bit flamed uphole								
		BC 664.6 shp 125dca								
		Atr-A4 & locally? 6, M0 660.2-661.8 Htr 661.8-664.6 H2-4 -minor diss py & rare py thds dev'd ptf								
664.6	723.0	Lamprophyre (9)	13378	664.60	667.40	2.80	27			
		med grey, fg matrix, 1-<10% m-cg diss biot, some Calic Amph/	13379	667.40	671.50	4.10	45			
		pyroxene (gr) pseudomorph; massive, wk flow bndg @ 130dca, minor	13380	671.50	674.50	3.00	24			
		patch & bnds of assm'd wall rx / xenolithes;	13381	674.50	680.00	5.50	2			
		lamp polyphased	13470	718.00	723.00	5.00	24			
		A0, c3-5, M0 & locally M1 -no significant mineralization								
		665.8-666.0 syn str @ 150, irreg with 5% irreg cp/0.2' & wk hem halo surrounding str/0.6' both sides 692.0-703.5 very fg, grey chill zone lamp both contacts gradational 705.8-705.95 4mvo xeno bnd @ 115 rot 60 counter clockwise; a4/6 BC @ 60dca on 0.05' chl'c selvage								
723.0	728.8	Syenite (7 syn)	13471	723.00	728.80	5.80	21			
		med pinkish grey, fg, wkly biot wk dirty ass'n zone syn, massive, rare cc threads & later qcc flats? BC shp @ 63dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c2, M1 H tr-2 -no significant mineralization								
728.8	777.3	Lamprophyte (9 4) (similar to 664.6-723.0) grey, polyphased, minor bnds <5% of increasing ass'd & amph'd /ankeritized mafic volc.(mvo) 0.05 to 1.5ft throughout @ random orientations BC about 55dca base of qc str/vlt	13472 13382	728.80 772.60	733.80 777.30	5.00 4.70	17 14			
777.3	780.9	Chlorite-Carb Shist (4cls) dk olive green, chl +/- biot?, schist. Stringered with wh cc threads, foliation swirls & minor C-S shear fabric @ base -large xenolith BC @ 70dca	13383	777.30	780.90	3.60	10			
		A0, c1, M0 -no significant mineralization								
780.9	784.0	Sed/chlorite Schist (1/4) pink & pale grey, fg, tl, highly contorted & folded -rare wh qc str subpts, xeno? BC xcutting & shp @ 120dca	13384	780.90	784.00	3.10	22			
		A6, c0, M0 hem 1								
784.0	793.8	Syenitic Contact Zone (7 ctz) grey, pink & dk grey, thick lam, thin bndd, pm dirty chlc/amph'c partly melted assimilation zone, wkly flow bndd into wk greissic	13385 13386	784.00 789.00	789.00 793.80	5.00 4.80	2 24			

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DIAMOND DRILL LOG

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HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		texture @ 120dca becoming more uniform & more mafic downhole								
		A0, c2-4 to 792 & o to end?, M0, H1								
		784.0-785.0 wk chill zone grades into 785.0-787.8 greissic pm? Chlc syn 787.8-788.1 dk gr chl 4 umv xeno bnd 788.1-792 chlc gr & red gr dirty syn mg 792-793.8 massive, wkly fol 110dca lamp'c syn assim? Zone BC shp @ 90dca								
793.8	796.5	Syenitic Felsite/chill zone (7?) dk pinkish grey/black, aph/very fg, massive, wkly crackled with green chlorite threads , tr cc white alteration spots- calcite; strongly chilled dyke? BC on broken core	13387	793.80	796.50	2.70	79	105		
		Atr, cc4, M0 tr py fg								
796.5	796.8	Chlorite Schist dk gr, ultramafic xeno band BC @ 60dca								
796.8	802.1	Lamprophyre (9 4) grey, m-cg, massive, carb'd cc, minor relic cls/amph strs/bnds <1' becoming mod fol downhole @ 100 dca BC @ 135dca parallel to foliation on strong cc alteration rim / 0.2'	13388	796.50	802.10	5.60	10			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Atr, c4-6, M1-0								
802.1	882.7	Chl'c Porphyritic syenite (7syn-chl)	13389	802.10	804.10	2.00	NIL			
		green & brown-red, f& cg, dirty biot'c ass'n zone porph. Syn	13390	804.10	809.00	4.90	27			
		-polyphased f & cg, almost lamprophyric in part to locally	13391	809.00	814.00	5.00	22			
		wkly porpyritic, mod biot throughout	13392	814.00	817.10	3.10	17			
		-rare wh cc white alteration spots- calcite , minor grey & wh qcc	13393	817.10	820.90	3.80	NIL			
		stringers & threads (flats)	13394	820.90	825.00	4.10	NIL			
		-minor subangular cls xeno's, pebble sized Throughout to irreg	13395	825.00	830.00	5.00	3			
		amph patches	13396	830.00	835.00	5.00	NIL			
		BC about 90dca	13397	835.00	840.00	5.00	24			
			13398	840.00	845.00	5.00	34			
		Atr, cc2-tr/1, M0-1 to 830 M2-1 decrease downhole	13399	845.00	850.00	5.00	38			
		-no significant mineralization	13400	850.00	855.00	5.00	68	cc		
			13401	855.00	860.00	5.00	38			
			13402	860.00	865.00	5.00	2			
			13403	865.00	870.00	5.00	31			
			13404	870.00	875.00	5.00	15			
			13405	875.00	880.00	5.00	NIL			
			13406	880.00	882.70	2.70	7			
882.7	891.0	Chilled Syenite (7syn cz)	13407	882.70	887.70	5.00	12			
		dk brown-red, wk chl dev on fracs, dirty looking, very fg, minor	13408	887.70	891.00	3.30	NIL			
		qc stringers & threads; BC flamed & irreg @ 90dca								
		A2, c0, M0								
891.0	894.9	Lamprophyre (9)	13409	891.00	894.90	3.90	14			
		grey, mg, massive, wkly fol @ 123dca, cc gndmass & irreg qcc								
		stringers & threads xcutting								

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HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC shp @ 43dca								
894.9	895.7	Feldspar Porphyry (6fpp) brown-grey, cg, massive, wk hem 1 grades @ 95dca into								
895.7	896.2	Chlorite schist dk green-bl, fg, minor c threads , digest'd xeno	13410	894.90	896.20	1.30	NIL			
896.2	900.1	Syenite brown-red-grey, fg, massive, wkly chlc contact zone	13411	896.20	900.10	3.90	NIL			
900.1	901.1	Chlorite schist bl & grey, fg, partly Digest xeno; variable CA's grades @ 85dca								
901.1	912.0	Feldspar Porphyry (6fpp) brown-grey to grey, fg-mg, cc psuedomorph alteration of grey feldspars, becoming chilled downhole & i/c with cls (chl schist) bnds/xeno's 901.7-902, 907.6-908.9, 909.7-910.6 CA's 65dca BC @ 67dca	13412 13413 13414 13415	900.10 905.00 909.70 910.60	905.00 909.70 910.60 912.00	4.90 4.70 0.90 1.40	9 5 7 98			
912.0	913.0	Chlorite Schist dk gr-bl, fg, massive ctz, schty @ 60 grades parallel to schistosity @ 60dca into								
913.0	915.8	Chloritic Sediment? (1/4) med gr-grey to red-grey, fg, tl, tb, contorted & cooked looking sediments becoming wkly hem'c @ 914.7 BC on broken core ~ 61dca	13416 13417	912.00 914.70	914.70 915.80	2.70 1.10	70 41			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
915.8	1125.5	Diabase (5)	13418	915.80	920.00	4.20	NIL			
		wkly magnetic 1-2, grey, massive, diabase texture	13419	920.00	925.00	5.00	29			
			13420	925.00	930.00	5.00	26			
		A2, c0, M2-1	13421	975.00	980.00	5.00	5			
		-tr qtz-epid threads & occ wk bz bnds	13422	1045.00	1050.00	5.00	31	38		
		TC chilled to 920ft								
		920-930 = fg								
		930-946.9 = m-cg								
		946.9-954.5 = chilled diabase grading to fg downhole								
		954.5-960 = f-mg								
		960-1070 = m-cg massive								
		1070-1125.5 = th bndd i/c m-cg & fg diabase, massive								
		1125.5 ft EOH Drillers rpt 343m (1125. ft)								
		Logged by R.V. Zalnieriunas								
		Dec. 13/02								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

DOWN-HOLE SURVEY DATA

DEPTH	*INCLINATION*	*BEARING*
51.80	-45.60+	

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
402.20	-44.40	
500.60	-44.30+	337.50+
599.00	-44.30	337.50
697.45	-44.00+	333.60+
795.90	-44.00	333.60
955.95	-43.90+	335.60+
1116.00	-43.90	335.60

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19
Collar Eastings: 10425.00
Collar Northings: 2368.00
Collar Elevation: 7936.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.13-15/02

Collar Inclination: -45.00
Grid Bearing: 270.00
Final Depth: 879.80 feet
CAIRO & POWELL TP; CLAIM:537316 L104+50E/23+50NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: December 17, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	9.8	Lamprophyre	13423	0.00	5.00	5.00	2			
		grey, mg, mod fol'd, biotitic m-cg	13424	5.00	9.80	4.80	5			
		-minor wh carb (dol/Fe-dol) Threads @ 15dca parallel to foliation & flats @ 100-110 dca								
		BC shp @ 45dca								
		A4, cc0, M0								
		tr f-very cg diss py subhedral								
9.8	42.7	Chl-Carb schist (4cls)	13425	9.80	11.70	1.90	NIL			
		med green, fg, thl-tl, locally carb knotted	13426	11.70	15.00	3.30	NIL			
		-very blocky & locally broken core with lim/Fe-oxide stain dev'd parallel to foliation in broken sections	13427	15.00	20.00	5.00	NIL			
			13428	20.00	25.00	5.00	NIL			
		-foliation wkly crenulated & undulating, avg 23dca (rare 15-28 dca) & locally 0dca as wavy open "z"'s	13429	25.00	30.00	5.00	NIL			
			13430	30.00	35.00	5.00	NIL			
		-grades into	13431	35.00	40.00	5.00	5			
		BC on broken lim Core @ 19dca	13432	40.00	42.70	2.70	NIL			
		A4, ctr, M0								
		-tr fuch								
		tr- <5% m-cg diss py & rare MS py stringers dev'd parallel to schistosity								
42.7	69.8	Sheared Ultramafic Volcanic (4umv, q&qcv's)	13433	42.70	46.00	3.30	15			
		m & pale grey, fg, mod sheared, talcose & knotted umv/poss tuff	13434	46.00	49.50	3.50	NIL			

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DIAMOND DRILL LOG

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HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		breccia; undulating schty CA'S from 0 to 20dca & locally +35-	13435	49.50	52.00	2.50	NIL			
		45dca; other sect'n crackled but massive	13436	52.00	55.00	3.00	NIL			
		-mod ank & qtz ank stringers & threads dev'd @ 45, 135 & 120dca	13437	55.00	60.00	5.00	NIL			
		-minor wh buff qv 39dca from 50.7-51,3 grades 165dca on	13438	60.00	65.00	5.00	24			
		horizon of parasitic fold/tight slip into								
		A4-6, c0, M0								
		-tr fuch 65.0-69.8								
		1-5%, m & cg diss py in hole								
		-no significant mineralization in cstrs/qv's								
69.8	88.3	Quartz Stockworked Talc-Chlorite Schist (4tcs, +50% qv's)	13439	65.00	70.00	5.00	NIL			
		med grey, fg, massive tcs slivers & sil'd schist sheared parallel	13440	70.00	75.00	5.00	NIL			
		to schistosity @ 0-55dca (avg 22dca)undulating downhole & i/c	13441	75.00	80.00	5.00	NIL			
		bull white qtz veins with carb margins, qtz stringers & threads	13442	80.00	85.00	5.00	NIL			
		& masses dev'd parallel to schistosity /0.01-0.4ft) & occ irreg	13443	85.00	88.30	3.30	NIL			
		qtz flats at 100dca & coarse knots/+1ft),								
		sil'n & qc stringers increase downhole								
		BC 120dca, irreg base of qv								
		A4-6, c0, M0								
		40-75% q strs, veinlets, threads & knots increase downhole								
		-wk chl								
		-no significant mineralization								
88.3	116.1	Lamprophyre (9)	13444	88.30	91.00	2.70	NIL			
		grey, m-cg, biotitic, massive to locally foliated @ 25dca	13445	110.00	114.50	4.50	79	91		
		-minor wh qc threads flats @ 45, 15 (ptf), 0, & 120dca	13446	114.50	116.10	1.60	3			
		-minor sil'n, qstr & bleaching downhole/235' near base @ 112-								
		4.5ft @ 25 ptf								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC shp @ 33dca parallel to foliation								
		A2, c0, M0								
		-mod strong white alteration spots- ank in matrix								
		-no significant mineralization								
116.1	120.1	Quartz Stringered Talc-Chlorite Schist	13447	116.10	120.00	3.90	12			
		(As 69.8-88.3)								
		-qcc stringers gen Parallel to schistosity @ 22dca (0-55dca								
		range) or irreg & local slips as "Z"'s very open								
		BC shp & undulating @ 25								
		A0, c2-4, M0								
		-no significant mineralization								
120.1	121.5	Diabase,	13448	120.00	121.50	1.50	NIL			
		dk grey, fg, massive chilled								
		-bit broken								
		BC shp @ 62dca								
		A2, c0, M1								
121.5	335.9	50% Quartz-CC Veined UMV/TCS (4tcs,+50% qtz)	13449	121.50	125.00	3.50	NIL			
		med grey/brownish grey, fg, massive tlam talc-chl +/- tr very	13450	125.00	130.00	5.00	NIL			
		fg biot? schist i/c with +/- 50% milky wh lit par lit parallel to	13451	130.00	135.00	5.00	5			
		schistosity irreg? Qtz-cc stringers, threads, veins &	13452	135.00	140.00	5.00	15			
		veinlets & occ xcutting flats & knots	13453	140.00	145.00	5.00	7			
		-tr rare fuch in/at qstr walls	13454	145.00	150.00	5.00	2			
		-qtz 0-12 (avg)/15dca, rare 160's, minor threads 40 & occ	13455	150.00	155.00	5.00	NIL			
		masses at 50dca	13456	155.00	160.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-looks more like highly frac'd & sealed massive ultramafic flow,	13457	160.00	165.00	5.00	5			
		no textures except for fg white alteration spots- calcite	13458	165.00	170.00	5.00	3	7		
		associated as crude halos to qcc veining, overall veining may be	13459	170.00	175.00	5.00	10			
		about 0dca undulating down core/ 5ft lengths with locally 99% qcc	13460	175.00	180.00	5.00	27			
		flooding /2ft lenghts & patches	13461	180.00	185.00	5.00	19			
			13462	185.00	190.00	5.00	5			
			13463	190.00	195.00	5.00	2			
		BC @ 46dca rot'd 10deg counter clockwise xcutting schty of 20dca	13464	195.00	200.00	5.00	3			
			13465	200.00	205.00	5.00	24	62		
		Atr, cc5, M0	13466	205.00	210.00	5.00	5			
		-no significant mineralization	13467	210.00	215.00	5.00	10			
			13468	215.00	220.00	5.00	12			
			13469	220.00	225.00	5.00	5			
			13473	225.00	230.00	5.00	9			
			13474	230.00	235.00	5.00	NIL			
			13475	235.00	240.00	5.00	NIL			
			13476	240.00	245.00	5.00	NIL			
			13477	245.00	250.00	5.00	17			
			13478	250.00	255.00	5.00	2			
			13479	255.00	260.00	5.00	10			
			13480	260.00	265.00	5.00	14			
			13481	265.00	270.00	5.00	5			
			13482	270.00	275.00	5.00	3	2		
			13483	275.00	280.00	5.00	3			
			13484	280.00	285.00	5.00	NIL			
			13485	285.00	290.00	5.00	NIL			
			13486	290.00	295.00	5.00	NIL			
			13487	295.00	300.00	5.00	NIL			
			13488	300.00	305.00	5.00	3			
			13489	305.00	310.00	5.00	5			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13490	310.00	315.00	5.00	15			
			13491	315.00	320.00	5.00	NIL			
			13492	320.00	325.00	5.00	NIL			
			13493	325.00	330.00	5.00	NIL			
			13494	330.00	335.00	5.00	NIL			
335.9	337.1	Diabase black, fg, chilled & massive *-minor qc stringers & irreg biot clots* BC @ 52dca on qc str								
337.1	461.8	+50% Quartz-CC Veined Talc Chlorite+/-Biot Schist (as 121.5-335.9) A0 to tr, cc3-5, M0 qtz-cc decrease downhole overall tr fg rare diss py dev @ walls to qvs/stringers 363.0 overall schty @ 12dca, undulating 0-15 425.0 -S2 about 0dca, undulating 10-170 460.0 -S2 @13dca, undulating 0-15 461.8 BC xcutting @ 120dca across schty of 24 dca	13495	335.00	340.00	5.00	2			
			13496	340.00	345.00	5.00	3			
			13497	345.00	350.00	5.00	NIL			
			13498	350.00	355.00	5.00	9			
			13499	355.00	360.00	5.00	10			
			13500	360.00	365.00	5.00	5			
			13501	365.00	370.00	5.00	3			
			13502	370.00	375.00	5.00	NIL			
			13503	375.00	380.00	5.00	NIL			
			13504	380.00	385.00	5.00	NIL			
			13505	385.00	390.00	5.00	12			
			13506	390.00	395.00	5.00	26			
			13507	395.00	400.00	5.00	14			
			13508	400.00	405.00	5.00	5	3		
			13509	405.00	410.00	5.00	3			
			13510	410.00	415.00	5.00	7			
			13511	415.00	420.00	5.00	14			
			13512	420.00	425.00	5.00	7			
			13513	425.00	430.00	5.00	2			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13514	430.00	435.00	5.00	NIL			
			13515	435.00	440.00	5.00	5			
			13516	440.00	445.00	5.00	NIL			
			13517	445.00	450.00	5.00	NIL			
			13518	450.00	455.00	5.00	26			
			13519	455.00	460.00	5.00	3			
461.8	556.6	Diabase (5)	13520	460.00	462.30	2.30	NIL			
		dk grey, fg, center is mg, margins chilled, massive, wkly	13521	462.30	466.90	4.60	26			
		magnetic -bit blocky								
		BC @ 70dca shp & chilled								
		A4, c0, M1-3/4								
		TC 461.8-462.3 = bx/intr. breccia bnd @ 135dca & str'd with qc								
		+5% & talcose -becoming chilled massive diabase @ 462.3ft								
556.6	565.3	Siltstone								
		-grey, fg, massive, wk biot spots & minor i/c & flamed Pale grey								
		siltstone beds								
		very low core angles, drilling along strike CA 0dca overall &								
		undulating 12-168dca as very open wk crenulating								
565.3	565.65	Barite Vein (10)								
		wh, cg, massive, high quality BaSO4 Vein, TC bit irreg &								
		scalloped -overall = 75dca, BC shp @ 62dca								
		-minor Rx inclusions covering Xcutting S0 bedding of 0dca								
		A0, c2, very wk, M0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
565.65	577.0	Siltstone	13522	572.00	577.00	5.00	5			
		(as 556.6-565.3)								
		med grey, fg, massive, CA = 0-5dca								
		grades into								
577.0	586.0	Siltstone / Pyritic Reworked Tuff,	13523	577.00	582.00	5.00	17			
		med-pale grey, f-mg, sandy massive bed, wkly fol	13524	582.00	583.40	1.40	57			
			13525	583.40	584.10	0.70	34			
		A0, c4, M0	13526	584.10	586.00	1.90	29			
		577.0-580.0 s0 bedding contact of irreg ripped up, medium grey siltstone as above & pale grey sandy siltstone, grades into								
		580.0-582 massive grey siltstone, grades into								
		582-583.4 pyritic siltstone, py increase downhole from TR-20%, fg replacement py; BC @ 83 irreg & sil'd								
		583.4-584.0 pyritic qv, wh massive, cg py 10% mostly @ lower wall BC irreg 75dca xcuts								
		584.0-586.0 strongly biot'c lam's/wisps								
		586.0 grades @ 5dca into								
586.0	823.5	Felsic-Int Tuffs + Breccia (4fvo +/-py)	13527	586.00	590.00	4.00	26			
		med & pale grey, m-cg, felsic volc, hyalotuff & i/c thickly	13528	590.00	595.00	5.00	31			
		bedded hetrolithic lap tuff to lap tuff bx with minor siltstone	13529	595.00	600.00	5.00	33			
		ripups	13530	600.00	602.70	2.70	24			
			13531	602.70	605.00	2.30	74			
		minor diss anhedral to well rounded py & occ MS stringers (rare)	13532	605.00	610.00	5.00	34			
		xcutting fol'n/schty	13533	610.00	615.00	5.00	48			
			13534	615.00	620.00	5.00	72	77		
		A1-3, cc1-locally3, M0	13535	620.00	625.00	5.00	24			
		-tr perv. seric	13536	625.00	630.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-mod & wk black chl	13537	630.00	633.00	3.00	NIL			
		-tr-2% f-cg diss py & rare stringers (MS)	13538	633.00	635.00	2.00	10			
			13539	635.00	640.00	5.00	2			
		586.0-602.7 fg lap tuff with sed ripup clasts, fol'n @ 10dca	13540	640.00	645.00	5.00	NIL			
		grades into	13541	645.00	650.00	5.00	NIL			
		602.7-615 highly Bx'd, monomictic, m-cg rhyolite, wk qtz eyes	13542	650.00	655.00	5.00	60			
		grey with i/c mb hyalotuff, grades into	13543	655.00	660.00	5.00	31			
		615-620.0 monomictic lap tuff with rare biotic ripups downhole	13544	660.00	665.00	5.00	39			
		BC @ 35 xcuts fol'n of 10dca	13545	665.00	670.00	5.00	70			
		620.0-633 wkly shd & bx rhy, m-cg porph qtz With 10-20% wh buff	13546	670.00	675.00	5.00	NIL			
		qv's & minor ank'c walls, grades into	13547	675.00	678.00	3.00	48			
		633-678 intermediate, chl'c hyalotuff/monomitic lap tuff with	13548	678.00	680.00	2.00	111			
		rare chl clasts (gr) well fol @ 25dca	13549	680.00	685.00	5.00	41			
		-minor nodular py grades into	13550	685.00	690.00	5.00	17			
		678-823.5 wkly sheared, cg rhy with qtz phenos becoming bx'd &	13551	690.00	695.00	5.00	14			
		bnd & i/c with hyalotuff & bx & lapstone (minor) and rare	13552	695.00	700.00	5.00	101			
		grey mudstone flames / tongues;-wk fol'n & bndg @ 18dca &	13553	700.00	705.00	5.00	81			
		locally 10dca; BC very irreg vague & flamed	13554	705.00	710.00	5.00	17			
			13555	710.00	715.00	5.00	146			
			13556	715.00	720.00	5.00	67			
			13557	720.00	725.00	5.00	2			
			13558	725.00	730.00	5.00	10			
			13559	730.00	735.00	5.00	24	21		
			13560	735.00	740.00	5.00	15			
			13561	740.00	745.00	5.00	9			
			13562	745.00	750.00	5.00	21			
			13563	750.00	755.00	5.00	118			
			13564	755.00	760.00	5.00	24			
			13565	760.00	765.00	5.00	22			
			13566	765.00	770.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13567	770.00	775.00	5.00	17			
			13568	775.00	780.00	5.00	17			
			13569	780.00	785.00	5.00	36			
			13570	785.00	790.00	5.00	19			
			13571	790.00	795.00	5.00	79	89		
			13572	795.00	800.00	5.00	34			
			13573	800.00	805.00	5.00	22			
			13574	805.00	810.00	5.00	141			
			13575	810.00	815.00	5.00	43			
			13576	815.00	820.00	5.00	10			
			13577	820.00	823.50	3.50	14			
823.5	849.0	Mudstone	13578	823.50	827.20	3.70	75	65		
		med grey, fg, tb, tlam, minor sandy/silt layers & rare cc threads								
		ptb S0 18dca, BC shp 13dca ptb								
		A0, c0-4 decrease downhole, M0								
		-tr gf/carb throughout								
		-tr f-mg py on S0 planes or diss throughout								
849.0	879.8	Graphitic Mudstone								
		dk grey, fg, tb, tl, minor wh qcc threads ptb & xcutting								
		-rare pale grey silty interbeds/lams, Avg S0 beds @ 12-14dca								
		A0, c3-4/2, M0								
		-wk gf throughout								
		-tr seric on silty/sandy lam								
		Tr py wisps & fg diss grains								
		879.8 ft EOH Drillers rpt 268m (879.3 ft)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnierunas
Dec.17/02
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
43.60	-44.70+	276.20+
87.20	-44.70	276.20
136.40	-44.80+	275.70+
185.60	-44.80	275.70
234.85	-45.40+	275.00+
284.10	-45.40	275.00
382.50	-45.00+	
480.90	-45.00	
579.35	-46.40+	274.20+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
480.90	-45.00	
579.35	-46.40+	274.20+
677.80	-46.40	274.20
771.30	-46.10+	271.60+
864.80	-46.10	271.60

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20
Collar Eastings: 10640.00
Collar Northings: 2118.00
Collar Elevation: 7940.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec.15-19/02

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 954.70 feet
CAIRO TP; CLAIM:537316 L106+50E Stat:21+00NBQ Core by Heath & Sherwood (1986) I
Grid North = 1.2deg.E ast.; core stored on site

Logged by: D. McCormack
Date: December 20, 2002
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
0.0	23.0	Rhyolitic tuff / Massive Rhyolite / Rhyolite Breccia	13579	0.00	4.00	4.00	33			
		light pale grey matrix with sil 'look', monolithic tuff	13580	4.00	8.00	4.00	NIL			
		fragments; hard H6 pale grey/beige breccia (tectonic or primary?)	13581	8.00	11.00	3.00	14			
		-qtz/ank flooding common	13582	11.00	14.20	3.20	3			
		-minor chl in fractures	13583	14.20	18.00	3.80	26			
		-py is fg diss to massive in matrix and in fractures (more	13584	18.00	23.00	5.00	14			
		common) with chl @ contact qtz/ank flooding								
		-dk green to black mineral between 20-21 <1% possibly amphibole								
		or tourmaline								
		-contact is sharp, irregular @ 60dca								
		Qtz/ank @ 12-14.2 & 18.5-23								
23.0	36.3	9 Lamprophyre	13585	23.00	28.00	5.00	10	17		
		fine biotitic in a red green to pale grey/feldspar matrix, chl in	13586	28.00	33.00	5.00	9			
		fractures provided dark appearance, fingers of Rhyolite @ 35'	13587	33.00	36.30	3.30	12			
		fol'n/fracturing at 26.5-12, 35-21								
		contact=low angle @ 5dca								
		Chl moderate								
36.3	64.1	Rhyolitic tuff (monolithic)	13588	36.30	40.40	4.10	24			
		light to red grey siliceous, matrix H6, hard fine felsic clastic	13589	40.40	45.00	4.60	26			
		like phenocrysts, late qv wk but throughout, chl in fractures	13590	45.00	50.00	5.00	14			
		prominent	13591	50.00	55.00	5.00	51			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13592	55.00	60.00	5.00	NIL			
		38.1-40.2 9 Lamp finger @ 25-30dca contacts								
		40.2-58.1 massive Rhyolite tuff, lt qv high angle 75-90								
		58.1-64.1 strong fracturing at 40 & 0 with chl, fractures are								
		tight -sharp contact 55								
64.1	76	mafic flow breccia/ 4umv breccia	13593	60.00	64.20	4.20	38			
		med green, fg matrix with light beige to dull white clasts	13594	64.20	69.00	4.80	27			
		deformed with fol'n @ 15	13595	69.00	73.50	4.50	22			
		-pervasive silicification -H5, chl in fol=planes & fractures								
		-fingers of felsic syenite Int at 67-67.6 & 73.7-74.7								
		-contact @ 15 sharp								
		Sil								
76	81.6	Felsic tuff	13596	73.50	78.50	5.00	29			
		light beige to brown, fg matrix, H6 ank/qtz in tension fractures	13597	78.50	81.60	3.10	NIL			
		along fol'n @ 15								
		-mafic finger from 77.6-79.5								
		Ank/gr								
		<1% diss py fg								
81.6	206.6	4umv breccia	13598	81.60	86.50	4.90	27			
		dark green, fg chl matrix 50% with pale white to grey clasts,	13599	86.50	90.00	3.50	39			
		mono, subrounded, tectonic/primary breccia, pervasive carb/ank	13600	90.00	93.00	3.00	118	123		
		with remnant & clasts	13601	93.00	98.00	5.00	22			
			13602	98.00	103.00	5.00	NIL			
		Strong chl/pervasive carbonitization-ankerite	13603	103.00	108.00	5.00	9			
		tr-1% py fg, occasional med grained euhedral	13604	108.00	112.00	4.00	17			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13605	112.00	117.00	5.00	5			
		-fol'n 84-85'-o	13606	117.00	122.00	5.00	3			
		-pyrite mineralization randomly occurs in fractures along fol'n	13607	122.00	127.00	5.00	7			
		planes containing chl or carb/ank and cross cutting tight	13608	127.00	132.00	5.00	21			
		fractures (late)	13609	132.00	137.00	5.00	31			
			13610	137.00	142.00	5.00	57			
		Tr-1% fg diss py	13611	142.00	147.00	5.00	178	120		
			13612	147.00	152.00	5.00	96			
		-pyrite may have been remobilized	13613	152.00	157.00	5.00	51			
			13614	157.00	162.00	5.00	381	290		
		90.5-91.3 low angle vein with strong py predominant fol'n 0-20	13615	162.00	167.00	5.00	77			
		-carb/qtz	13616	167.00	172.00	5.00	110			
			13617	172.00	177.00	5.00	41			
		114.5-129 pale to light olive/green, fg matrix, hard with	13618	177.00	182.00	5.00	22			
		carbonated chlorite in fractures; -ank/calcite pervasive	13619	182.00	187.00	5.00	84			
			13620	187.00	192.00	5.00	120	101		
		137.8-147.2 3-5% py, fg diss in fractures 15 healed with chl/carb	13621	192.00	197.00	5.00	50			
		@ 104; 'S' fold/crenulation; 3-5% py in fractures	13622	197.00	202.00	5.00	39			
		159-167 3-5% fg py								
		198.2 alteration contact front								
		198.2-206.6 light yellow brown/pale olive green matrix								
		(sericitic); minor chl in fractures; -sericite/chl								
		-very fg py -contact gradational								
206.6	212.5	Contact (assimilation) zone - 4umv / 9 Lamp	13623	202.00	206.70	4.70	243	214		
		grey to dark grey matrix (chl) with dull pale white pervasive	13624	206.70	212.00	5.30	39			
		carb, biotite flecs more evident approaching 212.5 contact								
		gradational								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Carb/chl								
212.5	252.5	9 Lamp	13625	212.00	217.00	5.00	7			
		226.7 fol'n 22	13626	217.00	222.00	5.00	5			
			13627	231.00	236.00	5.00	7			
		-pervasive carb/ank in narrow fractures	13628	236.00	241.00	5.00	12			
		-tr fg to med grain euhedral py	13629	241.00	246.00	5.00	19			
			13630	246.00	249.00	3.00	NIL			
		246.7-247 qtz vein	13631	249.00	252.50	3.50	12			
		-contact 0-5 irregular sharp								
252.7	257.0	1CON (foliated TSED?)								
		dark green, fg matrix with subangular to subrounded clasts								
		(mudstone, porphyry Clasts) deformed with fol'n 5								
		-contact sharp 10								
		Pervasive wk carb								
		1-2% py fg to med diss euhedral with qtz/ank healed fractures								
257	296.8	9 Lamp, dry looking lamp	13632	252.50	257.50	5.00	19			
			13633	257.50	262.50	5.00	10			
		Wk carb/ank alt'n	13634	275.60	280.00	4.40	5			
		264.3-264.5 Feld Porphyry, light beige/brown fol'n lamp 0								
		-lower contact 1/4 chill margin with chl on slip 'cold'								
		contact - little heat 25 angle								
296.8	306.6	1con (TSED?)	13635	296.80	301.90	5.10	27			
		dark chl healed fractures around clasts and carbonate (pale	13636	301.90	306.40	4.50	45			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		white) clasts are subrounded mudstone, porphyry, tuff -contact 30								
		Chl/carb alt'n fg to med g py diss (euhedral/occasional), fractures								
306.6	309.4	Felsic (Rhylotic) Flow light olive/beige matrix, fg, hard,fractures at 20 grey felsic fg py section 307.5-308.4 -contact 25								
		sericitic 3-5% very fine grained py between 307.5-308.4								
309.4	316	Intermediate Flow Top Breccia light beige olive matrix, breccia subangular to subrounded, dk green chl in fractures fol'n 10	13637 13638	306.40 311.00	311.00 316.00	4.60 5.00	41 22			
		Chl								
316	323.3	Felsic Tuff pale orange brown, fg matrix, H6 with dk black chl	13639	316.00	321.00	5.00	14			
		Chl								
		-qtz flooding 319-320.5								
		Qtz/ank flooding								
		-qtz/ank healed fractures, tight & <1%								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-contact 25								
323.3	345.3	4mvo / 4umv flow/tuffs	13640	321.00	326.00	5.00	57	67		
			13641	326.00	331.00	5.00	3			
		323.3-332.7 resembles 4umv (ultramafic volcanic), pale	13642	331.00	336.00	5.00	17			
		green/white matrix pervasive carb with other dk green	13643	336.00	341.00	5.00	9			
		matrix fol'n 30; pervasive carb	13644	341.00	345.30	4.30	5			
		332.7-333.4 sil/carb atl'n front; -diss py fg								
		333.4-345.3 med green, fg matrix, tuffaceous texture in places,								
		pervasive chl/carb in fractures & along fol'n plane;								
		pervasive carb/chl; -tr py fg to mg diss euhedral; Fol'n 30								
		strong fel/qtz/carb on contact @ 6"; contact is sharp 36								
345.3	366.8	6syn Grey Syenite	13645	345.30	350.00	4.70	10			
		345.3-346.8 resemble 9 Lamp strong biotitic with feldspar Xstals								
		Pervasive carb -mod to wk; weak toward lower contact;								
		Dk brown red with feldspar xstals White and biotitic								
		Pervasive carb								
		366-366.2 finger Of 4umv (ultramafic volc.)								
		-contact sharp at 36, this chl slip contact looks cold								
366.8	431.0	Intermediate to 4umv Pyrolastic/tuff	13646	368.00	372.00	4.00	3			
			13647	372.00	377.00	5.00	2			
		Strong pervasive carb	13648	377.00	382.00	5.00	7			
		ser/chl/fuchite or epidote	13649	382.00	387.00	5.00	NIL			
		tr py	13650	387.00	392.00	5.00	43	41		
			13651	392.00	397.00	5.00	27			
		366.8-382 pale grey white/green white pervasive carbonate is	13652	397.00	402.00	5.00	34			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		predominant, remnant clasts/tuffs are chl/sericitized/with	13653	402.00	407.00	5.00	29			
		green mica (fuchsite) or epidote?	13654	407.00	412.00	5.00	NIL			
		382-388 Pyroclastic (polymictic) light to dark green clasts in a	13655	412.00	417.00	5.00	46			
		grey to white carbonate matrix with chl	13656	417.00	422.00	5.00	2			
		-strong pervasive carb/chl; 3-5% fg py	13657	422.00	424.00	2.00	24			
		388-443 4umv Pyroclastic/tuff, med green to buff-dk brown matrix,	13658	424.00	429.00	5.00	27			
		with chl in fractures & chl clastics resembles a dull green								
		carbonate zone; -strong to mod pervasive carb,chl; py fg to								
		mg occurs in late qtz carb veins								
		398.5-399.2 & 403.5-403.7 fg units resembling tuffs								
		405.7-407 intermediate intrusion of tuff								
		421.5 fol'n at 35								
		431 fol'n at 35								
431.0	954.7	4umv flow/tuff	13659	447.00	452.00	5.00	31			
		green/brown carbonate & talc chlorite;	13660	452.00	457.00	5.00	75	111		
		green to med green matrix, brown to dk brown sericite (minor) and	13661	457.00	462.00	5.00	14			
		dull grey white carbonate	13662	462.00	467.00	5.00	34			
			13663	477.00	482.00	5.00	70			
		Strong pervasive carb, fuchsite, sericite, chl	13664	482.00	487.00	5.00	17			
		tr py -nil py	13665	487.00	492.00	5.00	NIL			
			13666	492.00	497.00	5.00	45			
		431-449 dull grey brown/green matrix	13667	497.00	502.00	5.00	261	293		
		441.8-447 Felsic Int	13668	502.00	507.00	5.00	NIL			
		449-491 green carbonate fuchsite with sericite alt'n, pervasive	13669	507.00	512.00	5.00	38			
		carb, chl along fol'n plane;	13670	512.00	516.50	4.50	22			
		467 fol'n at 46dca;	13671	516.50	522.00	5.50	33			
		483 fol'n at 48dca	13672	550.00	555.00	5.00	7			
		485 fol'n at 35dca	13673	650.40	655.40	5.00	NIL			
		491-499.4 drab grey brown, sericitic/carb alt'n with chl	13674	876.10	881.10	5.00	17			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

-sericite/chl/carb

499.4-501.4 Felsic flow or siliceous alt'n front -low angle contacts; -1/4" qtz vein on lower contact; -sil

501.4-526 dk green/grey chl unit with grey/white carb in fol'n fractures

514.2-526 strong qtz/carb flooding

526-954.7 talc chlorite, dark chl matrix with late healed fractured, carbonite healed throughout -massive section with minor flow variations & cooling cracks in some areas; -fol'n @ 638 -48; -strong chl, strong HCl fizz in carb healed fractures along fol'n & xcutting wk ank alt'n, A0-A -Large pyrite, xstals euhedral in carb fractures minor pressure shadows

669.8-670.6 fault gouge 22dca

664-692 low angle deformation 0-25dca

698 fol'n 50dca

688.3-688.5 carb/calcite veining

711 fol'n/carb veining 0dca

744-760 fol'n range 35-48dca

841-877 fol'n predominantly 45dca

852.7-853.4 broken rare & gouge

877-916 fol'n 30-45dca

916-954.7 fol'n 20-35dca; -strong carb in veining & talc

916-954.7 unit more competent, increase in carb veining

954.7 ft EOH

Logged by D. McCormack
Dec. 20/02

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-45.60+	
83.90	-45.60	
133.15	-45.30+	183.20+
182.40	-45.30	183.20
251.25	-46.60+	180.50+
320.10	-46.60	180.50
413.65	-45.40+	182.10+
507.20	-45.40	182.10
574.45	-44.80+	
641.70	-44.80	
740.10	-45.30+	
838.50	-45.30	
889.35	-46.00+	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
507.20	-45.40	182.10
574.45	-44.80+	
641.70	-44.80	
740.10	-45.30+	
838.50	-45.30	
889.35	-46.00+	
940.20	-46.00	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-21
Collar Eastings: 10635.00
Collar Northings: 2118.00
Collar Elevation: 7940.00
Grid: 2002 Imperial
Rig:B-20 Dates: Dec. 19-20/02

Collar Inclination: -45.00
Grid Bearing: 270.00
Final Depth: 308.00 feet
CAIRO TP; CLAIM:537316 L106+45E Stat:21+00NBQ Core by Heath & Sherwood (1986) I
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 9, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	48.1	Silicified & Veined Ultramafic Volcanic (4umv, qv's)	13675	0.00	5.00	5.00	82			
		pale grey, fg, massive, m-th b umv flows -minor bx'n @ flow	13676	5.00	7.60	2.60	34			
		contacts; -irreg wh milky qvlts, stringers & sil flood zones	13677	7.60	10.00	2.40	29			
		dev'd throughout as 0.1 to 2.0 ft bnds & stockwork throughout	13678	10.00	15.00	5.00	108	117		
		sometimes with minor tour & cg creamy ank	13679	15.00	20.00	5.00	91			
		notable wider veins & sil'n dev'd @ 2.6-3.6, 5.9-7.6, 25.0-26.9,	13680	20.00	25.00	5.00	3			
		27.8-28.4 and 38.9-39.9ft	13681	25.00	28.40	3.40	5			
			13682	28.40	33.00	4.60	NIL			
		-minor creamy ank & qv walls	13683	33.00	38.00	5.00	15			
		-tr tour@ walls to some q stringers	13684	38.00	43.00	5.00	17			
			13685	43.00	48.10	5.10	36			
		A2, c2/4 to 0, H0/tr-1 as wk bnds dev downhole								
		variable tr-2% very fg diss py in volc & occ very cg diss								
		subhedral grains								
		-nil py in qv's/vlts								
		29.6-32.6 auto bx'd fracture zone, chl dev on parting planes -wk fol @ 28-50dca								
		43.0-45.0 ditto, wk fol'n @ 31dca; BC - very irreg & flamed Xcutting about 10dca								
48.1	148.4	Chl-Carb Schist (4cls)	13686	48.10	53.00	4.90	103	111		
		med green-grey, fg, t-th lam schist	13687	53.00	58.00	5.00	5			
		-well sheared, occ carb augens & knots	13688	58.00	63.00	5.00	3			
		-schty cleavage undulating as follows	13689	63.00	68.00	5.00	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-21

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13690	68.00	73.00	5.00	10			
		A2-4, c1-3, M0	13691	73.00	78.00	5.00	22			
		tr wk bnds incipient fuch & occ wk seric str bnds dev'd parallel	13692	78.00	83.00	5.00	17			
		to schistosity	13693	83.00	88.00	5.00	6			
		Tr-nil & occ minor diss str py dev pts & as occ f-cg diss grains	13694	88.00	93.00	5.00	NIL			
			13695	93.00	98.00	5.00	5			
		49.0 - S2 = 21-30dca	13696	98.00	103.00	5.00	10			
		68.0 - S2 = 10	13697	103.00	108.00	5.00	19			
		78.0 - S2 = about 0dca	13698	108.00	113.00	5.00	3			
		98.0 - S2 = about 0dca	13699	113.00	118.00	5.00	5			
		113.0 - S2 = 13dca	13700	118.00	123.00	5.00	19			
		123.0 - s2 = 10dca	13701	123.00	128.00	5.00	2			
		126.0 - S2 = 165dca	13702	128.00	133.00	5.00	5			
		130.0 - S2 = 15dca	13703	133.00	138.00	5.00	12			
		147.0 - s2 = 15dca	13704	138.00	143.00	5.00	19	17		
			13705	143.00	148.40	5.40	NIL			
		NB -minor dk grey chilled diab-str from 89.1 to 89.4 @ 112dca xcutting								
		BC shp @ 63dca -intrusive & undulating								
148.4	150.5	Diabase (5)	13706	148.40	150.50	2.10	10			
		dk grey, fg, chilled throughout, 5%+ m & very cg euhedral to subround feld megacrysts throughout								
		BC shp @ 11dca pts								
		A2, c1, M2-4								
150.5	223.2	chl-carb schist (4 cls)	13707	150.50	155.00	4.50	NIL			
		tr fuch, seric (as 48.1-148.4)	13708	155.00	160.00	5.00	19			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-21

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13709	160.00	165.00	5.00	33			
		A3, c1-5, M0	13710	165.00	170.00	5.00	NIL			
		-wk incipient fuch &/seric bnds dev locally throughout	13711	170.00	175.00	5.00	5			
		tr -2% fg diss py & occ strs pts throughout (see sample log)	13712	175.00	180.00	5.00	NIL			
			13713	180.00	185.00	5.00	NIL			
		165 - S2 = 12dca	13714	185.00	190.00	5.00	17			
		185 -S2 = 0-12dca	13715	190.00	195.00	5.00	38			
		205 - S2 = 0	13716	195.00	200.00	5.00	57	86		
		220 - S2 = 15dca	13717	200.00	205.00	5.00	43			
		223.2 -BC shp @ 15 dca	13718	205.00	210.00	5.00	2			
			13719	210.00	215.00	5.00	7			
			13720	215.00	220.00	5.00	12			
			13721	220.00	223.20	3.20	3			
223.2	232.8	Green Carbonate (4 gr carb)	13722	223.20	228.00	4.80	5			
		green, fg, th lam, well schistose, minor Chlorite stringers/bnds	13723	228.00	232.80	4.80	NIL			
		developed parallel to schistosity , avg schty @ 15dca								
		BC shp undulating & xcutting @ 45dca								
		A4-1, cc tr-1, M0								
		fuch 2-4								
		gen tr fg py throughout								
232.8	237.7	Diabase (5)	13724	232.80	237.70	4.90	NIL			
		(as 148.4-150.5) -glomoroporphrytic								
		BC @ 15dca but angular & stepped/2 ft								
		Ac, c, M2-4								
237.7	249.6	Green Carb (4 gr carb)	13725	237.70	242.00	4.30	31			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-21

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		(as 223.2-232.8)	13726	242.00	246.00	4.00	81			
			13727	246.00	249.60	3.60	137	125		
		A1-3, cc, M0								
		tr -3% py as lense & stringers dev parallel to schistosity								
		throughout								
		249.0-249.5 <0.1ft strong W-SMS py+carb stringers dev parallel to								
		schistosity (50% mg py) @ 13dca								
		249.6 -BC shp @ 12dca								
249.6	269.5	Mafic Tuff (4 tuff)	13728	249.60	255.00	5.40	NIL			
		grey, f-mg, mod schistose mafic-ultramafic lithic tuff thickly	13729	255.00	260.00	5.00	27			
		bedded, massive & minor i/c tl ash tuff as rare beds + bnds	13730	260.00	265.00	5.00	36			
		-schty @ 20dca & locally 30dca	13731	265.00	269.50	4.50	72	99		
		-grades @ kninked Inflecton into								
		A Tr-1, cc increase, M0								
		wkly chl'c								
		tr fuchs, seric								
269.5	308.0	Chl schist (4 cls)	13732	269.50	272.80	3.30	17			
		grey, fg, t to th lam, chlorite-carbonate schist								
		-occ q strs, tr talc								
		-CA's undulating down core from 0-5dca & occ 10dca								
		308.0 ft EOH (Drillers rpt 308.4 ft)								
		Logged by R.V. Zalnieriunas								
		Jan. 9/03								
		on site								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M02-21

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
68.20	-42.10+	273.50+
136.40	-42.10	273.50
215.15	-38.10+	276.00+
293.90	-38.10	276.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22
Collar Eastings: 11370.00
Collar Northings: 2390.00
Collar Elevation: 7939.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.6-8/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 430.30 feet
CAIRO TP; CLAIM:MR5417 Line:114E Stat:23+50NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 12, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	14.3	OB (casing pushed to 14.8 ft)								
14.3	26.8	Mudstone (4mst) grey, fg, tb mudstones, wk fg cc WAC spotting throughout, bedding @ 50dca NB: 14.8-22.6: blocky & broken core throughout, partly re-drilled, LC about 25% BC 60dca A2-4, cc2-1, M0 -no significant mineralization	13733	22.60	26.80	4.20	17			
26.8	33.7	Syenite (7syn) reddish-brown, fg, wkly sheared & dk chlorite str thds & wisps throughout @ 45-44dca -mafic assimilation zone, contacts @ 26.8-28.5 & 32.9-33.7 -trace rare m-cg porphic feldspar megacrysts BC shp @ 50dca A2-4, cc0, M0 -no significant mineralization	13734	26.80	28.50	1.70	NIL			
			13735	28.50	33.70	5.20	NIL			
33.7	82.4	Sediment (4mst) grey, very fg, tb mudstones with Occ th bnds weak white alteration spots- calcite & minor i/c thb siltstones	13736	33.70	36.00	2.30	5			
			13737	36.00	40.00	4.00	7			
			13738	40.00	45.00	5.00	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-bedding @ 45-50dca	13739	45.00	50.00	5.00	3			
			13740	50.00	55.00	5.00	NIL			
		A1, cc1, M0	13741	55.00	60.00	5.00	NIL			
		nil -tr py as fg diss thds occ dev on bedding contacts	13742	60.00	65.00	5.00	5			
		-locally <~% py	13743	65.00	70.00	5.00	10			
			13744	70.00	75.00	5.00	3			
		65.6-65.9 chilled xcutting diabase str @ 145dca	13745	75.00	80.00	5.00	2			
		78.5-79.3 1/2 moon of chilled diabase contact undulating throughout								
		BC -on 0.05 qc str -intrusive xcutting @ 155dca cuts S0 of 55dca								
82.4	138.2	Diabase (5)								
		grey, fg, chilled, massive bit blocky, rare wh qtz stringers								
		/qtz-epid threads & rare patches								
		BC @ 70dca								
		A4, c0, M4								
		-no significant mineralization								
138.2	143.6	Syenite (7syn)	13746	138.20	143.60	5.40	12			
		brownish-red, mg, massive, minor gr chlorite threads & lenses,								
		minor wh cc-qtz thds/flats @ 144dca								
		BC irreg @ 62dca on pm cls/0.01'								
		A0, c@, M0								
		-no significant mineralization								
143.6	160.1	Sediment (4mst)	13747	143.60	146.00	2.40	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green-grey, fg, carb'd & rextalized massive thb siltstone	13748	146.00	150.00	4.00	3			
		to 157.0 with S0 bedding = 40dca, grading afterwards downhole to	13749	150.00	155.00	5.00	5			
		th lam/med bedding chlc & carb'd mudstones bndd @ 80-70dca	13750	155.00	160.10	5.10	2			
		BC @ 60dca pm								
		A0, C6, M1-0 decrease downhole								
		tr -4% fg diss py decrease downhole								
160.1	186.1	Lamprophyre (9)	13751	160.10	165.00	4.90	3	10		
		grey, brown-grey & locally pink-grey, fg, massive, minor diss mg	13752	181.00	186.10	5.10	2			
		biot decreasing downhole								
		BC vague @105dca								
		A0-1, c1-3, M0								
		-no significant mineralization								
186.1	189.9	chilled syenite (7 syn-cz)	13753	186.10	189.90	3.80	NIL			
		pink, fg, massive, minor chlc xeno bnds @ top contact, 10% wh								
		irreg qtz knots & patches throughout, occ rare ank +/- chl								
		patches								
		BC very jagged & irreg								
		A1, ctr, M0								
		-no significant mineralization								
189.9	196.8	Chl-carb schist (4cls)	13754	189.90	194.00	4.10	5			
		med & pale green & creamy, fg, t-th lam & bndd solid chl	13755	194.00	196.80	2.80	111			
		schist/alt'd sed, chlc, carb'd								
		-schty swirled & variable throughout, gen 65-110dca								
		-prob large xenolith								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC on broken core & grey cls contact aureal								
		A4-6, c4-3, M0 tr mg diss euhedral py -rare								
196.8	341.2	Syenite (7 syn)	13756	196.80	200.00	3.20	10			
		pink-red, m-cg, massive syn, minor bl chlorite stringers &	13757	200.00	205.00	5.00	36	94		
		patches, rare wh qtz/qtz-ank stringers, patches & threads	13758	205.00	210.00	5.00	5			
		-irreg	13759	210.00	215.00	5.00	5			
			13760	215.00	220.00	5.00	NIL			
		A2 @tc, c1-2, M1-2 throughout	13761	220.00	225.00	5.00	NIL			
		-A0 downhole	13762	225.00	230.00	5.00	NIL			
		-no significant mineralization	13763	230.00	235.00	5.00	NIL			
			13764	235.00	240.00	5.00	NIL			
		196.8-209.3 +5% irreg qtz +/- chl strs & lenses grades into	13765	240.00	245.00	5.00	NIL			
		209.3-222.7 mainly Bl chl strs <3%	13766	245.00	250.00	5.00	NIL			
			13767	250.00	255.00	5.00	NIL			
		254.0-254.3 fg red Syn bnd @ 65dca	13768	255.00	259.20	4.20	NIL			
			13769	259.20	261.20	2.00	NIL			
		259.2-261.2 <10% irreg q strs tr py	13770	261.20	265.00	3.80	12			
			13771	265.00	270.00	5.00	14			
		290.1-293.9 fg brick red dest alt'n bnd mod bl chl threads -no	13772	270.00	275.00	5.00	5			
		significant mineralization	13773	275.00	280.00	5.00	NIL			
			13774	280.00	285.00	5.00	NIL			
		NB: Bx 16 dropped (299.7-318.5) and put back together again	13775	285.00	290.10	5.10	NIL			
			13776	290.10	293.90	3.80	41			
		307.9-308.6 red fg alt'n bnd -minor q thds CA = 72dca	13777	293.90	299.00	5.10	NIL			
			13778	299.00	304.00	5.00	5			
		318.3-318.5 ditto	13779	304.00	309.00	5.00	2			
			13780	309.00	314.00	5.00	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		339-341.2 wk <10% wh q str flats @130dca	13781	314.00	319.00	5.00	7			
			13782	319.00	324.00	5.00	5			
		BC undulating & xcutting @ 52dca sptb	13783	324.00	329.00	5.00	NIL			
			13784	329.00	334.00	5.00	NIL			
			13785	334.00	339.00	5.00	NIL	NIL		
			13786	339.00	341.20	2.20	5			
341.2	377.0	Carb'd Sediments (4mst?)	13787	341.20	345.00	3.80	3			
		grey, fg, t-th lam & tb & i/c occ m-thb white alteration spots-	13788	345.00	350.00	5.00	10			
		calcite, grey siltstone bnds pref'ly showing high'er carb'n	13789	350.00	355.00	5.00	3			
			13790	355.00	360.00	5.00	2			
		A2-4, c0-1 with strong C5 core, M0	13791	360.00	365.00	5.00	53			
		tr -2% diss mg py throughout with minor diss stringers ,threads	13792	365.00	370.00	5.00	NIL			
		dev'd @ 342.0 ft	13793	370.00	375.00	5.00	26			
			13794	375.00	377.00	2.00	9	10		
		350 bedding @ 75dca -bit broken								
		365 bedding @ 65dca -bit crenulated								
		374.0-375 very wk biot alt'n bnd overprints ~90dca								
		BC @ 45dca on wkly dev'd int'n bx sptb								
377.0	413.6	Syenite (7 syn)	13795	377.00	380.00	3.00	NIL			
		brown-red, fg, massive, mod fract'd & bl ch threads with irreg	13796	380.00	385.00	5.00	57			
		bl chl angular patches dev'd in upper 3rd of sect'n, glassy grey	13797	385.00	390.00	5.00	NIL			
		qtz & wh qtz-carb strs & veining & thds irreg downhole from <0.1	13798	390.00	395.00	5.00	NIL			
		to rare 0.5ft @ irreg orient'n -gen as flats?	13799	395.00	400.00	5.00	206	115		
		-margin of intrusive chilled -minor internal Chlc bx bnds	13800	400.00	405.00	5.00	48			
		gen <1ft	13801	405.00	410.00	5.00	NIL			
			13802	410.00	413.60	3.60	NIL			
		A1, c1-5, M2-3								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Hem 2-4								
		-wk-mod qtz veining dev in lower 2/3rd as grey glassy & wh milky								
		veins, veinlets, stringers & threads								
		<5-18%								
		-no significant mineralization								
		-minor very cg py dev'd @ 412.9								
		382.0-382.9 bl chl & bx'd syn bnd = dig'd Xeno? @ 38dca								
		-irreg bx'd (int'n) BC about 43dca								
413.6	430.3	Carb'd Sediments (4mst?)	13803	413.60	415.00	1.40	NIL			
		(similar to 341.2-377.0),	13804	415.00	420.00	5.00	NIL			
		grey fg, tb-thb; S0 = 78dca	13805	420.00	425.00	5.00	93	75		
			13806	425.00	430.30	5.30	NIL			
		A4-1, c2-5, increasing and then decreasing downhole, M0								
		1/2-1% m & cg diss py overall & throughout								
		428.0-430.0 wk hem spotting & bndg ptb @ 70dca								
		428.7-429.3 4% very fg diss py as wk bnds marginal to Hem alt'n								
		430.3 ft EOH Drillers rpt 131m (429.8 ft)								
		Logged by R.V. Zalnieriunas								
		Jan. 12/03								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
60.00	-43.60+	359.10+
120.00	-43.60	359.10
188.90	-43.90+	355.90+
257.80	-43.90	355.90
336.55	-44.00+	357.20+
415.30	-44.00	357.20

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-23
Collar Eastings: 11652.00
Collar Northings: 2456.00
Collar Elevation: 7929.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.8-9/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 226.40 feet
CAIRO TP; CLAIM:MR5417 L116+80E Stat:24+00NBQ Core by Heath & Sherwood (1986) I
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 12, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	7.0	OB casiing pushed to 7.5 ft								
7.0	19.4	Chloritic Feldspar Porphyry (6ctz-chl) green & grey, cg, mod fol/wkly shd; approx. 50-60% very cg feldspar augends & occ. laths gen aligned @ 28dca in fg dk green chl matrix -rel. massive looking & dry A2, cc as wk WAC (white alteration spots- calcite) replacing feld xtals; M2-1; Chl 4 -minor hem stained feld. megacrysts -no significant mineralization 10.7-13.8 Gnd & Lost core BC @ 30dca shp	13807	13.80	19.40	5.60	34	33		
19.4	82.1	Alt'd mudstone (4 mst) green & grey chlc fg, thl-tb mudstone with 10-90% brown-red hem bndg as lam's to 0.3ft bnds dev'd ptb throughout, mod fol pts A4, c1, M0/tr locally -Hem 1 -chl 4 increase downhole	13808	19.40	25.00	5.60	NIL			
			13809	40.30	45.30	5.00	NIL			
			13810	45.30	47.30	2.00	NIL			
			13811	47.30	50.00	2.70	NIL			
			13812	50.00	53.10	3.10	NIL			
			13813	53.10	56.30	3.20	2			
			13814	56.30	60.00	3.70	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-23

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
		-40% qcc thds, strs & knots -minor irreg qtz-carb vlts & knots throughout tr-overall py-to locally 2% py/<¯' as massive? Diss f-mg bnds throughout gen ass'd with hem alt'n bands 35.0 -S1 = 35dca 44.1-44.2 qc str @ 40dca 44.85-45.0 strong blood red alt'n str pts, 2% py @ 43dca 46.5-57 fold nose -CA's flatten to 10-0 undulating down core to 52.0ft, -series Of parasitic? "M" folds @ 52-53.5 showing S2 hinge crenulation of 142dca 47.2-47.8 grey qvlt @ 52dca, hematitic walls 53.5-56.0 massive sect'n with minor qsts @ 115dca 56.0 CA's rotated to 20dca & then steeping @ 69 to 52dca (S0) 65.0-82.1 +10% cc &/qtz-cc strs & thds parallel to schistosity & occ xcutting BC @ 52dca grades into								
82.1	88.6	Chloritic & carbonitized (cc) sediment (4 mst-chl) med & pale green, fg, thick lam, strong cc carb'd & chl'c, gen. med. bedded (mb) mudstone (m-th bedded @ 42-30dca), beds bit wedged BC -flamed sub-ptb @ 45dca Atr, cc6, M0 chl 4+								
88.6	101.3	Hornfeld Sediment? (contact zone)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-23

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grey, fg, massive, rextalized (cooked looking) sediment, wk local fol'n @ 45dca defined by biot/chl wisps BC vague @ 50dca pm/0.3' grades into A1, cc0-tr, M1 -wkly biotitic &/amph'd								
101.3	124.9	Chloritic Feldspar Porphyry (6fpp) (similar to 7.0-19.4) green-grey, cg anhedral pale grey pophyritic feldspar megacrysts & psudomomorphs in strongly chl'c groundmass (30%) massive to locally wkly flow bndd @ 51dca; grades into: A2 in matrix, cc3 replacing feld megacrysts, M0-1 local & wk	13815	120.00	124.90	4.90	NIL			
124.9	128.7	Hornfeld sediment? (As 88.6-101.3) brown-grey, fg, massive, wkly biotitic almost lamprophyric looking BC @ 46dca A1-2, cc2, M0 1-2% very very fg diss py throughout	13816	124.90	128.70	3.80	NIL			
128.7	187.6	Chlorite schists (4 cls) green, fg, th l to thb chl schists as follows: A3-5, c3-5, M0 chl 6-4 bndd	13817	128.70	134.00	5.30	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-23

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		tr py throughout								
		128.7-136.2 tl-tb chl schist/alt sed?, A6, cc threads & rare stringers parallel to schistosity , schty @ 70dca becoming 30dca & "Z" kinked downhole								
		136.2-136.6 med grey sil'n? bnd parallel to schistosity @ 50dca, both contacts bit flamed								
		136.6-144.2 dk gr tb-medb Chl sil'n, A6, cctr, BC @ 26dca pts								
		144.2-147.6 med gr, mg, mod fol cc6, atr chl-cc schist minor diss biot throughout S1 @ 30, BC 25dca shp								
		147.6-159.8 dk gr, massive chl zone, A6, wk ccWAC/wisps BC highly flamed								
		159.8-163.3 med grey, fg, massive sil'd schist -BC highly flamed								
		163.3-184.1 dk gr chl sil'd, A4, c1 as minor threads & wisps, schty variable & wkly folded, starts @ 20dca & then undulating down core from 10 to 170dca, steeping/last 0.4ft to 68dca								
		184.1-185.9 med gry, fg, massive sil'd schist? Or poss felsite? BC shp @ 40dca								
		185.9-187.6 dk gr chl sil'd well shrd 30dca, BC 25dca shp								
187.6	226.4	Chloritic Feldspar Porphyry (6fpp)	13818	187.60	192.60	5.00	NIL	5		
		green & grey, cg anhedral feldspar megacrysts & pseudomorphs	13819	192.60	197.60	5.00	NIL			
		-minor i/c chl schist bnds & xeno's & strs throughout with	13820	197.60	202.60	5.00	NIL			
		215.0-220.0 as massive chlc sed/cls bnd, tc @ 45dca, pm & BC @ 155dca pm & undulating								
		overall acid intrusion massive to locally fol @ 45 & 155dca								
		A2 matrix, c3-5 mostly replacing feldspars, M0								
		-wk hem bndg locally								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-23

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

-chlc -minor diss biot, -Hem 2 wk 187.6-about203 decr. downhole
tr-few rare spks fg py

226.4 ft EOH (Drillers rpt 69m (226.4 ft)

Logged by R.V. Zalnieriunas
Jan.12/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-43.30+	3.20+
93.80	-43.30	3.20
152.85	-39.30+	3.50+
211.90	-39.30	3.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-24
Collar Eastings: 11358.00
Collar Northings: 2990.00
Collar Elevation: 7954.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.9-10/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 328.20 feet
CAIRO TP; CLAIM:MR5417 L114E Stat:29+50N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 13, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	2.5	Gabbro? (4gab) med green-grey, m-cg, massive, wkly biotic, minor cc threads; lower 1/2 of section all blocky & broken core BC on broken core -poss @ 30dca?								
2.5	42.8	Mafic Volcanic (4mvo) med green, fg, massive flow, no significant fabric A2-4, cc1-3, M0 5.0-15.0 = 1-3% fg diss py & minor stringer threads balance of section = tr -<1/2% m-cg diss py subhedral throughout	13821	5.00	10.00	5.00	NIL			
			13822	10.00	15.00	5.00	5			
			13823	15.00	20.00	5.00	9			
			13824	20.00	25.00	5.00	NIL			
42.8	70.0	Mafic tuffs & flows (4mvo) med green, fg, tb & tl chl'c mafic hyalotuffs, i/c cg mafic lithic ash tuffs & minor tb-mb flows & minor chloc interflow sediments / reworked mafic tuffs bedding -S0 @ 70-85dca occ wkly crenulated, BC gradational A2, C1, M0 tr f & mg diss py -no significant mineralization	13825	60.00	65.00	5.00	NIL			
			13826	65.00	70.00	5.00	9			
70.0	73.2	Mafic volc (4mvo) green, f-mg, massive, BC @ 68dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-24

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2, cc as wk WAC, M0								
73.2	75.0	Sediment (4ifs)	13827	70.00	75.00	5.00	NIL			
		grey, mg, chl'c -rare volc clasts, inter-flow sediments								
		-wk amph laths throughout, BC @ 55dca								
		A2, c2, M0								
		amph 2								
75.0	92.6	Mudstone (4 mst)	13828	75.00	80.00	5.00	NIL			
		green, fg, tb sed, bedding contacts locally wkly flamed	13829	80.00	85.00	5.00	NIL			
		S0 @ 60dca; rare qtz-cc threads & stringers	13830	85.00	89.20	4.20	NIL			
			13831	89.20	92.60	3.40	NIL	2		
		A2, c1-3, M0								
		-chlc								
		tr -1/2% mg diss py throughout & occ cg								
		59.2-92.6 alternating beds become cc enriched								
		BC @ 50dca shp								
92.6	100.2	Qtz Veined Syenite (7syn qv)	13832	92.60	94.20	1.60	NIL			
		brownish-pink, fg, chilled syenite & qtz vein	13833	94.20	97.20	3.00	NIL			
			13834	97.20	100.20	3.00	NIL			
		Atr, cc, M0								
		tr py								
		-minor BaSO4 @ lower contact?								
		92.6-94.2 minor qstrs 35dca & cg grains Py, BC 23dca								
		94.2-97.2 massive, wh bull qv, minor Cc on frac's, bit blocky								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-24

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC irreg @ 25dca								
		97.2-100.2 intrusion bx with 30% wh cc-qtz+/-barite strs &								
		threads; irreg & xcutting 35% syn stringers & bnds &								
		35% volc (as below)								
100.2	108.0	Mafic Volcanic (4mvo)	13835	100.20	105.00	4.80	2			
		dk green, fg, massive mafic volc., wkly magnetic	13836	105.00	108.00	3.00	3	NIL		
		-minor wh qcc threads								
		BC about 90dca								
		A2-4, c2-1, M2								
108.0	108.6	Carbonate Vein (cv)								
		white, fg, thinly laminated (tl) cc +/- qtz breccia vein								
		+10% mafic volc angular clasts								
		BC @ 25dca								
		A-, c6, M0								
		cg splash cp at lower contact								
108.6	140.8	Qtz Veined Syenite (7syn qv's)	13837	108.00	109.00	1.00	NIL			
		pink, f-mg, massive syn, minor gr chl flats as threads , veined	13838	109.00	114.00	5.00	NIL			
		with bull white qtz +/- cc stringers , veinlets & veins dev'd	13839	114.00	119.00	5.00	NIL			
		throughout gen @ 60-45dca & minor 70 & 20dca thds;	13840	119.00	124.00	5.00	NIL			
		-minor cg angular black chl clots dev'd in qv's; syn walls	13841	124.00	129.00	5.00	NIL			
		locally bleached & cc carb'd	13842	129.00	134.00	5.00	NIL			
			13843	134.00	138.00	4.00	2			
		Atr, cc3, M0-1	13844	138.00	140.80	2.80	NIL			
		tr f-mg py & rare tr cp on frac's								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-24

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		140.0-140.8 mafic assim'n zone BC about 55dca								
140.8	142.2	Sheared Gabbro (4gab) dk grey, m-fg gabbro, wkly biotitic, well sheared @ 25dca BC shp @ 25dca	13845	140.80	142.20	1.40	10			
142.2	144.2	Mudstone (4mst) dk grey, fg, tb, biotitic & bit cooked looking sed, CA's = 40dca BC On broken core	13846	142.20	144.20	2.00	NIL			
144.2	147.6	Biotite-chlorite schist (4cls-biot) grey, fg, well schistose @ 15dca -contact zone BC on minor qtz stringer @ 40dca	13847	144.20	147.60	3.40	3	5		
147.6	157.3	Chloritic Grey Syenite (7ctz-qstrs & veins) grey, fg chilled chl'c syenite assimilation hybrid zone -massive & wkly bndd @ 40dca, xcut by 0.1-0.4ft irreg wh qtz +/-cc strs throughout BC @ 145dca	13848 13849	147.60 152.40	152.40 157.30	4.80 4.90	NIL 10			
		1-3% very fg diss py dev in syn walls to veining								
157.3	158.7	Diabase (5) black, very fg chilled & massive, BC @ 142dca	13850	157.30	158.70	1.40	2			
158.7	163.4	Sediment (4ifs) grey, fg, massive, thickly bedded inter-flow sediments -wk fol @ 47dca, wkly biotitic & metamorphosed (Hornfeld)	13851	158.70	163.40	4.70	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-24

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC on intrusion bx/0.05ft at about 145dca								
163.4	328.2	Glomoroporphyritic Diabase (5glom) grey, fg massive wkly magnetic diabase with 25-50% very cg subround spheres of pale green epid-feld patches / balls & rare epid-qtz stringers	13852	163.40	168.40	5.00	3			
		328.2 ft EOH Drillers rpt 100m (328.1 ft)								
		Logged by R.V. Zalnieriunas Jan.13/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
58.35	-44.90+	
116.70	-44.90	
185.60	-45.00+	
254.50	-45.00	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-25
Collar Eastings: 11348.00
Collar Northings: 3340.00
Collar Elevation: 7972.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.10-11/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 295.30 feet
CAIRO TP; CLAIM:MR5417 Line:114E Stat:33+00NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 14, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	1.5	OB casing pushed to 4.9 ft								
1.5	2.2	Temiskaming Sediment Conglomerate (1c) TSED congl -probably boulder -50% blocky & broken core BC on broken core								
2.2	264.6	Turbiditic Sediments (4mst) grey, fg, mg-fg siltstone & i/c tb mudstones & minor beds (mb) of reworked mafic +/- biotitic tuffs as follows: (NB: all units & beds folded) A2-tr, cc3-bndd, M0 5-10% wh irreg cc threads dev'd gen sptb or xcutting irreg tr py overall as rare diss grains & nodules & rare clots on cc thd margins & rare xcutting threads 2.2-21.8 m-thb siltsone, beds @ 30-35dca ptf, BC = 25dca 21.8-23.1 reworked tuff bed, BC on 0.02' py str @ 25dca 23.1-159.1 folded turbiditic mudstone 23.1-31.0 bedding from 25-10dca with minor py threads dev'd @ 25.3/0.1ft @ CA about 90dca 31.0-43.0 fold nose? -massive siltstone 43.0-77.0 bedding @ 165dca 77.0-86.0 fold nose, massive siltstone	13853	16.80	21.80	5.00	9			
			13854	21.80	23.10	1.30	15			
			13855	23.10	26.50	3.40	3			
			13856	26.50	31.00	4.50	NIL			
			13857	65.00	70.00	5.00	31			
			13858	120.00	125.00	5.00	3			
			13859	230.00	235.00	5.00	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-25

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		86.0-98.0 bedding @ 60dca thb siltsone -almost looks like massive mafic volc.(4mvo)								
		98.0-100.0 fold nose -massive sed								
		100.0-159.1 thb siltsone becoming m-tb downhole and flattening from 152dca to 170dca @ 145 & back to 150dca S0								
		159.1-165.1 xcutting dk grey chilled diabase bnd -TC @ 20dca rot'd 30dca clockwise, BC as above but very stepped & irreg								
		165.1-170.6 mb siltstone, BC 135 with S0 148-150dca								
		170.6-174.5 mg, wkly fol'd biotitic & chl'c reworked tuff S1 135dca -tr minor lithic shards, BC 136dca								
		174.5-183.5 m & tb siltstones @ 145dca -rotates into								
		183.5-185.8 fold nose, massive siltstone								
		185.8-258.2 mb siltstone, bedded @ 45-30dca & rare 10dca, locally crenulating into open "Z" kinks, occ S2 cleavage dev'd xcutting 142dca to 152dca downhole, BC 30dca bit flamed								
		258.2-260.5 m & tb chlc reworked tuff, fol @ 27dca, BC = 25								
		260.5-262.3 tb mudstone dk grey fol @ 32dca ptb grades into								
		262.3-264.6 pale grey bx'd & alt'd sed -all broken core -bit bleached looking BC on broken core								
264.6	295.3	Diabase (5) grey, fg, massive, mod blocky core throughout, tr-3% pale grey wkly epidotized, glomoroporphyritic anhedral cg patches throughout, wkly magnetic								
		295.3 ft EOH (Drillers rpt 90m (295.3 ft))								
		Logged by R.V. Zalnieriunas Jan. 14/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-25

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-45.00+	
83.90	-45.00	
131.50	-44.90+	359.70+
182.40	-44.90	359.70
231.60	-45.10+	359.40+
280.80	-45.10	359.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26
Collar Eastings: 11600.00
Collar Northings: 4150.00
Collar Elevation: 8005.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.11-12/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 452.80 feet
CAIRO TP; CLAIM:MR5455 L117+28E/41+00N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 17, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	3.9	OB casing pushed to 6.5 ft								
3.9	13.5	Chloritic Feldspar Porphyry (6fpp-chl) grey green, cg, massive to very wkly bndd chl'c feld porphy with 10% dk gr chl matrix & stringers throughout -mafic assm'n zone -wk fol'n @ 54dca BC @ 70dca on Fe-oxide alt'n contact & broken core A0, c4 with C5 bnds, M1 throughout -no significant mineralization	13860 13861	3.90 8.70	8.70 13.50	4.80 4.80	NIL NIL			
13.5	84.4	Partly Melted & Assimilated Contact Zone (6ctz) med grey, f-mg & occ cg, partly melted (pm) metamorphased & alt'd mafic sediment & occ minor bnds lamprophyre / mafic intrusions as follows: A0, c1, M0 -wkly biotic +/- amph'd throughout -metamorphic rextalized contact zone -pm 30.9-41.2 tr-4% py, balance of sect'n = no significant mineralization 13.5-21.5 dk grey, mg, wkly biotitic, carb bndd & locally swirled sed?, BC undulating @ 35dca & stepped intrusive	13862 13863 13864 13865 13866 13867 13868 13869 13870 13871 13872 13873 13874	13.50 17.50 21.50 22.30 25.30 26.70 28.00 30.90 36.80 38.10 41.20 46.20 47.00	17.50 21.50 22.30 24.40 26.70 28.00 30.90 35.20 38.10 41.20 46.20 47.00 50.00	4.00 4.00 0.80 2.10 1.40 1.30 2.90 4.30 1.30 3.10 5.00 0.80 3.00	27 108 5 5 NIL NIL NIL NIL NIL 9 2 5 3	33 75		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-tb @ top becoming massive & rextalized downhole	13875	50.00	55.00	5.00	2			
		21.5-22.3 med grey, fg massive biotitic lamphophyre, BC @ 50dca	13876	55.00	60.00	5.00	10			
		irreg	13877	60.00	65.00	5.00	3			
		22.3-23.7 dirty grey mafic rextalized SS/arkose? (As 13.5-21.5)	13878	65.00	70.00	5.00	5			
		BC @ about 90dca xcuts fol'n of 60dca	13879	70.00	75.00	5.00	NIL			
		23.7-24.4 rextalized grey congl, -50% clasts, subround & vague	13880	75.00	80.00	5.00	3			
		24.4-25.3 GND & LOST CORE	13881	80.00	84.40	4.40	5			
		25.3-26.7 grey mg pebbly arkose, mod fol @ 62dca,								
		BC on broken core								
		26.7-30.9 grey i/c mg arkose & SS & dirty green-grey tb mudstone								
		S0 40-70dca bit wedged, BC 60dca								
		30.9-35.2 lamprophyre - grey with tr hem stainning throughout;								
		fg massive with sheared mg CTZ from 30.9-31.6;								
		wk vfg diss py throughout @ 1/2%+								
		35.2-36.8 GND & LOST CORE								
		36.8-38.1 lamprophyre intrusion breccia ctz irreg								
		38.1-41.2 grey wkly fg pyritic strongly alt'd & pm & rextalized								
		sed; -vague S0 bndg pres'd @ cA = 90; -min chl stringers								
		grades into								
		41.2-46.2 grey alt'd, rextalized & wkly biotitic seds? -no								
		original textures -xtal mush, fg								
		46.2-47.0 green-grey, fg, massive mafic dyke/lamprophyre, BC 90								
		47.0-55.0 grey alt'd conglomerate?, m & cg, wkly biotic, swirled								
		PM - vague dk grey chlc clasts & shadow clast throughout								
		grades into								
		55.0-84.4 grey, f-mg & becoming wkly feld porph'c -pm sed? -wkly								
		biotic & partly syentiized -feld increasing in size & %								
		downhole to about 10%; wk fol'n/bndg @ 45-30dca but gen								
		massive throughout; BC very irreg & stepped @ 35dca parallel								
		to foliation								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
84.4	94.9	Chloritic Arkose (1a)	13882	84.40	89.70	5.30	NIL			
		green-grey, mg, thick bed fine arkose with <2% grit, rounded grey	13883	89.70	94.90	5.20	2			
		carb'd pebbles & rare wh qtz-cc patches/threads ,								
		wkly fol'd @ 60dca								
		BC shp @ 65 dca parallel to foliation								
		A0, c1, M0								
		chl2								
		84.4-89.7 1-2% very fg diss py								
		89.7-94.9 tr pyrite								
94.9	99.7	Wkly Hematitic Sediments (1a? Hem)	13884	94.90	97.10	2.20	NIL			
		brownish-pink, very fg, massive looking, wkly sil'd?-destructive	13885	97.10	99.70	2.60	NIL			
		alt'n -no original textures -minor wh qcc stringers & threads @								
		95-125dca & minor chlc bnd in top 1/2 of sect'n @ about 100dca of								
		pres'd pebbly arkose								
		BC shp @ 70dca sptf								
		A0-trace on frac's, cc6-4, M0								
		94.9-97.1 2% mg diss py								
99.7	110.2	Chloritic Arkose (1a)	13886	99.70	105.00	5.30	NIL			
		(similar to 84.4-94.9)	13887	105.00	110.20	5.20	24			
		Ao-tr, cc1-3, M0								
		105.0-110.2 1-2% very fg diss py								
		99.7-106.5 massive thb								
		106.5-110.2 m & tb, increasing cc alt'n -S0 @ 65dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC @ 65dca parallel to foliation								
110.2	258.4	Chloritic Temiskaming Conlomerate (1con)	13888	110.20	115.20	5.00	146	201		
		green, f-mg arkose matrix with 20-60% subround to subangular	13889	115.20	120.20	5.00	269			
		matrix supported mudstone & mafic volc pebbles & clasts	13890	120.20	125.00	4.80	53			
		throughout, traces grey chert/jasper clasts; overall thb, mod to	13891	125.00	130.00	5.00	22			
		well foliated:	13892	130.00	135.00	5.00	27			
		116.0 - S1 = 70dca	13893	170.00	175.00	5.00	38			
		158.0 - S1 = 65dca	13894	220.00	225.00	5.00	29			
		225.0 - S1 = 52dca	13895	235.00	240.00	5.00	12			
		255.0 - S1 = 52dca	13896	240.00	245.00	5.00	29			
			13897	245.00	250.00	5.00	33			
		A0, c1-3, M0-1	13898	250.00	255.00	5.00	65			
		chl 2-4	13899	255.00	258.40	3.40	38	48		
		tr py throughout with better py dev'd at base as:								
		245.0-250.0 1-2% py								
		250.0-255.0 1% py								
		255.0-258.4 tr py								
		BC shp @ 59dca								
258.4	280.0	Arkose (1a-py)	13900	258.40	260.00	1.60	45			
		grey, fg massive, wkly sil'd & mod alt'd arkosic sed -appears	13901	260.00	265.00	5.00	NIL			
		massive	13902	265.00	270.00	5.00	31			
			13903	270.00	275.00	5.00	26			
		Atr-1, cc0, M0	13904	275.00	280.00	5.00	NIL			
		tr faint Hem atl'n bnding to nil with 278.5-280.0 as very wk med								
		spotty hem bndg increasing downhole								
		258.4-270.0 3-1% py diss fg								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
280.0	294.9	Wkly Hematitic Arkose (1a-hem) pink-grey, fg ,arkose (as above) wkly sil'd & wkly hematized throughout, hem increasing downhole -massive looking no original textures present except for rare pebbles/clasts BC @ 60dca irreg, stepped on intrusive contact A0, c1-3, M0 -minor chl bndg i/c with hem alt'n esp @ top of sect'n	13905 13906 13907	280.00 285.00 290.00	285.00 290.00 294.90	5.00 5.00 4.90	58 21 27			
294.9	309.5	Syenite (7 syn, qvs) brick red, f-mg, rextalized & sil'd & hem'd, massive, crackled & veined with pale grey qtz veins, vlts & stringers gen @ 50, 120 & 165dca throughout, mod mg pink qtz spotting throughout, BC very irreg A0, ctr, M0 hem 4-6 sil 4+ tr fg py dev in syn, no significant mineralization in qv's	13908 13909 13910	294.90 300.00 305.00	300.00 305.00 309.50	5.10 5.00 4.50	NIL NIL NIL			
309.5	311.2	Quartz vein (qv) grey-wh, cg qtz vein, 10% wall Rx bnds & slivers @ contact NB: -qv dev'd @ area that CA's rotate 90 clockwise & stay rotated downhole to end of hole, BC @ 63dca rot'd 90 clockwise -apparent CA on section would be 90dca; on horizizontal hole trace -strike would be about 060deg	13911	309.50	311.20	1.70	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
311.2	313.6	Chlorite Schist Contact Zone (4cls-ctz) med green-grey, fg, tl-thl, mod schistose chl-Fe carb schist with 10% black f-mg diss biot & poss fg feathery amph? diss throughout -poss highly alt'd cong -some vague pebble clasts preserved -schty @ 55dca rot'd 90 BC shp 55 dca pts A4, c0, M1 3% fg diss py throughout	13912	311.20	313.60	2.40	10			
313.6	329.3	Hematized and Chloritic Altered Sediments brown-pink & green-grey, fg, mod fol to massive stongly alt'd & rextalized seds -rare preserved clasts A1, c1, M0 H1 Chl1 tr-1/2% fg py throughout 313.6-318.9 pink massive hem'd fg sed; -wk WAC (white alteration spots- calcite) fg throughout; BC shp @ 60dca rot'd 90 clockwise 318.9-324.1 green-grey, chl'c, strongly rext'd sed; wk chl spotting -minor very wk spotty hem bndg parallel to foliation -chlorite & fol @ 51dca rot'd 90 grades into 324.1-329.3 grey chl'c strongly rext'd sed? -mod carb'n & mottling & crackling throughout with chl wisps & threads; BC shp @ 30dca rot'd 90 clockwise	13913 13914 13915	313.60 318.90 324.10	318.90 324.10 329.30	5.30 5.20 5.20	NIL NIL NIL	 NIL		
329.3	342.7	Altered Pebbly Arkose (1a hem,chl)	13916	329.30	333.40	4.10	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		brown-grey, fg sandy arkose matrix with <5% fine hem'd pebbles	13917	333.40	338.00	4.60	19			
		throughout	13918	338.00	342.70	4.70	NIL			
		-wkly fol @ 35-40dca rot about 70dca; grades into								
		A0-tr on fracs, c3-0, M0								
		very wk perv Hem 2 throughout								
		-wk per gr chl throughout in groundmass & minor threads								
		-minor later Wh qcc threads - irreg								
		2-4% fg diss py to very fg								
342.7	370.4	Chloritic Pebbly Arkose (1a chl, py)	13919	342.70	347.00	4.30	NIL			
		(similar to above)	13920	347.00	352.00	5.00	NIL			
		-strongly rextalized -mottled with gr chl (irreg) stringers &	13921	352.00	357.00	5.00	14	14		
		threads dev'd throughout @ 140, 40, 90dca -mod frac'd & sealed	13922	357.00	360.00	3.00	5			
		-massive looking tp wkly bx'd	13923	360.00	365.20	5.20	21			
		grades into	13924	365.20	370.40	5.20	NIL			
		A2, c0, M0								
		chl2								
		3-5% f-mg py gen dev'd as diss threads on chl stringers &								
		fractures & minor diss grains in groundmass								
370.4	437.0	Hematized Altered Sediments (1 hem)	13925	370.40	375.00	4.60	39			
		brown-pink & minor pink-green bndd, m-fg highly rextalized seds -	13926	375.00	380.00	5.00	55			
		massive looking -very destructive alt'n	13927	380.00	385.00	5.00	NIL			
		-where alt'n is less unit shows as th bndd gritty arkose / congl	13928	385.00	390.00	5.00	27			
		-in balance only <10% pebble clasts preserved & matrix all rext'd	13929	390.00	395.00	5.00	10			
			13930	395.00	400.00	5.00	15			
		BC @ 140dca rot'd 90 clockwise on 2mm Gr chl atl'n front/rim	13931	400.00	405.00	5.00	NIL	NIL		
			13932	405.00	410.00	5.00	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2, c0 groundmass -minor cc threads , M0	13933	410.00	415.00	5.00	NIL			
		-hem 2-1 (th bndd) becoming hem 2-4 downhole	13934	415.00	420.00	5.00	NIL			
		-minor dk green chl threads & wk tr groundmass -minor very dk	13935	420.00	425.00	5.00	NIL			
		green chl stringers dev'd in last ft as 0.4' str bnd	13936	425.00	430.00	5.00	34			
			13937	430.00	435.00	5.00	10			
		370.4-385.0 4% f & mg py decrease to 1% downhole -diss throughout	13938	435.00	437.00	2.00	5			
		as minor diss py grains on frac's & chl threads								
		385.0-395.0 tr py								
		395.0-420.0 1-3% f & very fg py								
		420.0-425.0 5% py								
		425.0-437.0 1-3% py increase to 4% py in last 2ft								
437.0	437.7	Syenite? (7syn?)								
		deep brick red, aphanitic porcelain looking, massive strongly								
		chilled syn/poss hem atl'n bnd; cracked & sealed with wh fine qtz								
		+/- calcite threads (5-10%) @ 45dca rot'd 90								
		BC on chl thd @ 130dca rot'd 90 clockwise								
		Atr, c0 & minor threads , M0								
		qtz 1-2%								
		hem 6								
		4% fg py diss grains & diss thds								
437.7	439.6	Hematized Altered Sediments (1 hem)	13939	437.00	437.80	0.80	3	NIL		
		(as 370.4-437.0)	13940	437.80	439.60	1.80	21			
		massive fg -minor chl threads & rare qcc str irreg								
		Atr, minor Cc threads -groundmass c0, M0								
		hem 2-4 throughout -very wk pm chl								
		2-3% fg py throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		437.7-437.8 mod hem alt'n bnd (hem 4) decrease downhole to H2 very wk; BC @ 120dca rot'd 90 clockwise -vague & pm/0.1ft								
439.6	452.8	Syenite Stringered Chlorite Schist (4cls, 7syn)	13941	439.60	444.00	4.40	19			
		dk greenish-grey, f-mg, th lam to massive chl-carb schist with	13942	444.00	448.50	4.50	NIL			
		10% fg diss bl biot throughout -gen massive & increasingly alt'd	13943	448.50	452.80	4.30	NIL			
		looking downhole with 5-10% wh qtz-cc stringers, bnds & patches								
		dev'd throughout as 0.05ft to thds and WAC spots gen @ 120dca but								
		also at 90 & 50dca								
		fg deep brick red irreg syn (as 437.0-437.7) dev'd as wedges &								
		stringers as follows:								
		A0, c4, M0								
		chl5								
		hem1-3								
		1/2% -nil fg py in cls								
		440.4-440.95 syn TC 35, BC 140								
		442.3-443.0 series Of 1/2 moon Syn wedges grading downhole to irreg syn patches at 443.95; irreg BC @ 140dca rot'd 90dca								
		452.8 ft EOH (Drillers rpt 138m(452.8 ft))								
		Logged by R.V. Zalnieriunas								
		Jan.17/03								
		on site								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-26

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-43.20+	
83.90	-43.20	
133.15	-42.90+	
182.40	-42.90	
231.60	-42.70+	
280.80	-42.70	
359.55	-42.10+	
438.30	-42.10	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27
Collar Eastings: 11868.00
Collar Northings: 4121.00
Collar Elevation: 7983.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.13-14/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 453.30 feet
CAIRO TP; CLAIM:MR5455 Line:120E Stat:40+50NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 19, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	5.0	OB & Casing								
5.0	91.6	Temiskaming Conglomerate (1con)	13944	20.00	25.00	5.00	NIL			
		green, fg chlc matrix with 25-70% hetrolithic subround elipitical	13945	25.00	30.00	5.00	NIL			
		pebble clasts throughout, gen th bedded & minor sandy arkosic mb	13946	60.00	70.00	10.00	NIL			
		interbeds	13947	85.50	90.50	5.00	15			
		-gradational contacts, mod fol throughout	13948	90.50	91.60	1.10	207	201		

5.0-12.7 blocky core
A0, c1, M0
12.7-19.5 GND & LC 100%
19.5-40.0 chlc TSED congl, fol'n = 42dca
Atr in matrix, c1, M0
tr -1/2% fg diss py parallel to foliation
40.0-65.0 chlc TSED
fol'n @ 45-50dca with CA's rotating 30 clockwise from 50.0-63.0 & then rotating back
A2, ctr, M0
-no significant mineralization to tr very fg diss py
65.0-78.0 chlc congl -fol'n @ 51dca
A0, ctr-, M0
tr py
78.0-91.6 chlc TSED congl -becoming more sheared looking downhole with increasing wk alt'n & very wk perv hem; partly melted & carb bndd, fol'n 85ft =65dca 90ft = 35dca

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		atr-0, c1-3, M0 to M1 very minor								
		78.0-85.0 tr py								
		85.0-91.6 1-3% very fg diss py								
		BC on hinge of minor fold @ 0dca becoming 110dca downhole at distance of 1ft								
91.6	95.6	Syenite & Chlorite Schist (7syn 4cls)								
		red, fg porcelain syenite bnds, wedges & angular blocks i/c or str'd with very dk green fg massive chl schist & minor wh qtz-cc stringers dev'd ptb								
		-core mod blocky, broken & turned -no significant core loss								
		-chl schist in parts showing spotty syenitization								
		-CA's = 120 & 30dca								
		BC @ 39dca?								
		A0, c2, M0								
		3-4% py								
95.9	162.0	Temiskaming pebble Conglomerate (7con tr hem)	13949	91.60	95.90	4.30	266	357		
		(similar to 5.0-91.6)	13950	95.90	100.00	4.10	50			
		-chlc thb pebble congl & minor i/c arkose mb	13951	100.00	105.00	5.00	21			
		-minor wk perv hem bndg dev ptb	13952	105.00	110.00	5.00	NIL			
			13953	110.00	113.00	3.00	NIL			
		95.9-113.0 chlc pebble congl -fol'n @ 37dca	13954	113.00	114.30	1.30	NIL			
		A0-tr, c2+, M1	13955	114.30	117.40	3.10	NIL			
		gen 4-2% very fg diss py throughout	13956	117.40	120.30	2.90	NIL			
		113.0-114.3 wk destruction hem alt'n bnd ptb	13957	120.30	125.00	4.70	NIL			
		A0, c1, M0	13958	155.00	160.00	5.00	NIL			
		3% py	13959	160.00	162.00	2.00	3	14		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		114.3-117.4 strong chlc alt'n ptb @ 50dca A0, c4, M0 117.4-120.3 very wk hem alt'n -grades to tr downhole & also grades into mg arkose strat.top/last ft A0, c2, M0 1-2% py 120.3-160.0 very thb coarse pebble congl, chlc, fol'n @ 35dca becoming 45dca downhole -minor 4cls bnd @ 130.1-130.9 CA about 85dca; 160ft grades into A0-a2, c1,M1-2 Tr py 160.0-162.0 wkly hem'd & syn'd cls/alt'd Sed -schty increase downhole with chl alt'n -CA's flip from 62dca to 140-160dca @ 160.8 ft with ass'd minor 3% fg diss py bnd/0.2' Atr, c4-6, M1 tr py overall								
162.0	168.0	Syenite (7 syn) red, very fg porc, massive -featureless & highly chilled with minor qtz & qtz-carb stringers & irreg vlts & threads dev'd in lower 1/2 of sect'n -dk green chl schist walls -irreg @ 162.0-163.2 & 167.4-168.0, BC about 70dca Atr to nil, c4-1, M1-0 tr py	13960 13961	162.00 165.00	165.00 168.00	3.00 3.00	NIL 3			
168.0	428.5	Temiskaming Pebble Conglomerate (1con) green, chlc (as 5.0-91.6)	13962 13963	168.00 205.00	173.00 210.00	5.00 5.00	NIL 7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			13964	280.00	283.90	3.90	12			
		168.0-180 A2, c1, M0	13965	283.90	285.40	1.50	39			
		tr py	13966	285.40	290.00	4.60	3			
		180-193 A0, c1, M0	13967	355.80	358.00	2.20	NIL			
		tr py	13968	358.00	362.00	4.00	10			
		193-280 A2, ctr-1, M0	13969	423.40	428.50	5.10	46			
		tr py								
		280-290 A2, c5-1, M0								
		tr -2% py								
		290-315 A2, ctr-1, M0								
		tr py								
		315-370 A0-tr, c0-1, M0								
		tr py								
		370-375 Atr, c1, M0								
		tr py								
		375-420 A0, c2-4, M0								
		tr py								
		420-428.5 A0, c1-tr, M0								
		tr -1/2% py @ base								
		168.0-170.0 fol'n flextures into open "S" from 70dca to 0 to 45dca								
		218.0 fol'n @ 35dca								
		284.0 fol'n @ 47dca								
		295.0-313.0 CA's crenulated & undulating downhole from 30 + 0 & 160dca								
		325.1-326.3 mb pebbly arkose								
		326.3-326.9 congl								
		326.9-332.7 arkose pebbly, BC @ about 20dca								
		355.0 - S0 @ 55dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		355.8-360.2 very wk per hem alt'n bnd								
		-minor diss py dev @ TC/2ft; BC about 365dca ptb								
		425.0-427.1 chlc arkose bed, pebbly, fol 60; BC 54dca								
428.5	453.3	Arkose (1a)	13970	428.50	431.20	2.70	75	94		
		green-grey, mg & fg, mb pebbly arkose grading downhole to f-mg	13971	431.20	435.00	3.80	33			
		wacke -bedding bit wedged @ 45-33dca	13972	435.00	440.00	5.00	NIL			
			13973	440.00	445.00	5.00	38			
		428.5-429.7 sil'd chl'c cherty looking alt'd sed with +15% cc	13974	445.00	450.00	5.00	2			
		irreg threads & strs? Grades into	13975	450.00	453.30	3.30	NIL			
		429.7-431.2 carb (cc) bx'd bleach zone; bndg @ 60dca grades into								
		431.2-453.3 mb pebbly arkose & wacke, chl decreasing downhole								
		428.8-431.2 a0, c5, M0								
		1/2% -tr py ass'd with cc bnds								
		431.2-453.3 a tr, c1, M0								
		1/2-1% diss py & rare diss threads								
		453.3 ft EOH Drillers rpt 138m (452.8 ft)								
		Logged by R.V. Zalnieriunas								
		Jan.19/03								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-27

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-43.20+	1.90+
93.80	-43.20	1.90
147.90	-41.60+	0.50+
202.00	-41.60	0.50
256.15	-41.00+	5.30+
310.30	-41.00	5.30
374.30	-40.90+	5.00+
438.30	-40.90	5.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28
Collar Eastings: 11323.00
Collar Northings: 3980.00
Collar Elevation: 8008.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.14-18/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 885.70 feet
CAIRO TP; CLAIM:MR5454 Line:114E Stat:39+40NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 23, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	6.3	OB casing pushed to 7.5 ft								
6.3	69.5	Hybrid Mafic to Intermediate Assimilation Zone (6ctz) grey, mg-cg, mod foliatiated chlc & biotitic hybrid assm'n zone; rare wh cc & qcc threads dev'd parallel to foliation, avg fol'n @ 55dca, minor chl bnds & stringers as poss relic resorbed xenolith ghosts	13976	15.00	20.00	5.00	24			
			13977	35.00	39.70	4.70	26			
			13978	39.70	40.90	1.20	530	451		
			13979	40.90	49.30	8.40	98			
			13980	49.30	51.50	2.20	15			
			13981	51.50	55.50	4.00	5			
			13982	55.50	56.50	1.00	14			
			13983	56.50	61.70	5.20	5			
			13984	61.70	67.00	5.30	3			
			13985	67.00	67.70	0.70	22			
			13986	67.70	69.50	1.80	29			
		A1, c4-6, M0 chl 2-4 biot spotting f-cg increasing downhole trace rare f-mg diss py spks throughout 39.7-40.9 +5% very fg py in cv 40.9-44.4 ~% fg diss py 39.7-40.9 wh & green ribbon cc & qr chl vein parallel to foliation @65dca with 5-8% very fg diss py bnds perf dev in cls stringers 49.3-51.5 wk rubbly/crackled hem + chl alt'n bnd @ 50-52dca 56.0 = 0.08ft hem alt'n str @ 25dca BC @ 45dca shp									

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
69.5	81.5	Chilled Hematitic Hybrid Contact Zone (6ctz-hem)	13987	69.50	73.50	4.00	2			
		pink-grey to pink, f-mg, massive, crackled & wkly gr chl thdd,	13988	73.50	77.50	4.00	7			
		rare wh cc threads	13989	77.50	81.50	4.00	21			
		irreg BC on top of chl str bnd @ 38dca								
		A tr on fracs, c4-2, M0								
		-no significant mineralization								
81.5	86.2	Syenite (7syn)	13990	81.50	84.80	3.30	12			
		dk brick red, fg, massive syn with 10% irreg dark green chl	13991	85.20	86.20	1.00	79			
		stringers & threads irreg throughout @ 20-30dca;								
		bit blocky throughout,								
		NB 89.8-85.2 broken, GND & LOST CORE								
		A0, c4-3, M0, Hem6								
		tr very fg diss py								
		BC very irreg & flamed @ 70 & 160dca on broken core								
86.2	97.5	Chlorite Schist (4cls)	13992	86.20	89.80	3.60	46			
		green, fg, tl chl schist/poss sheared Chlc mudstone, S1/0 appears	13993	89.80	93.60	3.80	75			
		to flip from 45dca 87.0ft to 160dca 89.0ft but is 25dca @	13994	93.60	97.50	3.90	82	70		
		93.6 ft								
		well dev'd S2 kink shearing superimposed on cls @ 87.5-90 &								
		92-97.5 & becoming good C-S fabric from 91.0-97.5, S2 = 135dca &								
		gen shows dextral motion								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC @ 125dca pts								
		A2, c3-1, M0 chl 4-6 -wk cc alt'n bndg pts & xcutting @ 100dca tr fg diss py throughout								
97.5	162.4	Hybrid Assmilation Zone (6ctz, 4)	13995	97.50	100.00	2.50	21			
		(as 6.3-69.5)	13996	100.00	105.00	5.00	72			
		mafic to intermediate contact zone of	13997	105.00	110.00	5.00	NIL			
		mafic syenite m-cg / Feldspar Porphyry -becoming wkly porphyritic	13998	157.40	162.40	5.00	NIL			
		downhole; A0-tr, c1-2, M0 mod chl2 gen as wisps & stringers throughout dev'd parallel to foliation /schistosity -trace rare biot? With xeno patches & ghosts, ass'd chlc & locally dk grey biotic/amp'd patches tr rare specks f & mg py throughout with 1/2% fg diss py dev'd @ lower contact/5ft 97.5-113.0 wkly fol'd &/bnd mg massive 5% chlc syn grey assim'n zone, CA's about 120dca; grades into 113.0-124.0 as above -CA's swirled & rotated to avg 90dca grades into 124.0-162.4 as above, CA's of fol'n & bndg @ 65-75dca, 1-5% chlc wisps, lenses & rare bnds & patches dev'd = resorbed cls xenoliths gen increasing in size & content downhole, BC @ 70dca shp									

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
162.4	182.1	Carbonitized & Chloritic Mudstone (1mst)	13999	162.40	167.30	4.90	NIL			
		green, fg, tl, tb, +10% wh cc threads dev'd ptb/pts -avg	14000	167.30	172.30	5.00	NIL			
		cleavage 73dca -locally 50dca	14001	172.30	177.30	5.00	7			
		BC @ 70dca, bit stepped & pm	14002	177.30	182.10	4.80	10			
		A2, c1, M0								
		1/2% m & cg py cubes & triangles diss throughout								
182.1	189.7	Hybrid Mafic to Intermediate Assminilation Zone (6 ctz)	14003	182.10	187.00	4.90	3			
		(similar to 124.0-162.4)	14004	187.00	189.70	2.70	7			
		-wkly feld porph'c, grey, mg, massive to wkly med. bndd & swirled								
		throughout, <1-3% ak grey biotic subround xenolith patches wisps								
		& spots throughout, BC @ 30dca undulating								
		A0, c4, M0								
		1/2% very cg-mg diss py								
189.7	198.6	Chloritic Mixed Sediments (1chl)	14005	189.70	191.70	2.00	2			
			14006	191.70	195.30	3.60	NIL			
		A1-0, c1-4, M0	14007	195.30	198.60	3.30	9			
		chl 4								
		tr -1% very fg-cg diss py throughout								
		189.7-191.7 green, fg mudstone matrix pebble congl with 40-50%								
		grey subround mudstone & rare amfic volc. / syn pebbles								
		wkly fol 68, BC 62dca with contact flamed downhole								
		-tops face downhole?								
		191.7-192.9 dk green tl mudstone, CA =60 grades into								
		192.9-194.6 subangular clast supported congl, fol @ 67,								
		BC = 65dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		194.6-195.3 dk green chl mudstone, BC = 55dca shp								
		195.3-198.6 graded chlc arkose, massive th bedded, cleavage about 75dca, minor pebble bnd in upper foot & grades from f-mg to fg downhole -strat tops face downhole -BC very irreg flamed & intrusive at about 40dca								
198.6	218.0	Hybrid Mafic -Intermediate Assimilation Zone (6ctz 4)	14008	198.60	203.00	4.40	3			
		(similar to 124.0-162.4)	14009	203.00	208.00	5.00	NIL			
		grey, m-cg, wkly feld porph'c; 1-2% well rounded - subangular	14010	208.00	213.00	5.00	3			
		black-dk grey resorbed biotic xeno patches	14011	213.00	218.00	5.00	22			
		-gen unit massive to very wk irreg bndg @ 70dca with bnddg rotating / flexing? +/- 30deg clock & counter clockwise; grades into								
218.0	236.4	Chilled Wkly Hematitic Syenite (6syn)	14012	218.00	223.00	5.00	10			
		grey-pink, very fg, massive, wkly crackled & swirled with dk	14013	223.00	228.00	5.00	7			
		green chl thds -minor porph'c mg feld grains	14014	228.00	233.00	5.00	22	27		
		-still wk assim'n zone -rare wh cc & qcc threads	14015	233.00	236.40	3.40	2			
		BC on chl str bnd @ 30dca rot'd 70 counter clockwise								
		Atr-1 mainly on fracs, c2, M0								
		tr -3% fg diss py throughout								
236.4	252.2	Magnetic Chloritic Feldspar Porphyry (6fpp)	14016	236.40	240.00	3.60	NIL			
		mottled grey, green & pink, very cg 60-40% subhedral feld laths &	14017	240.00	245.00	5.00	21			
		eliptrical masses pref carb'd (cc) & hem stain in grey & chl'c	14018	245.00	249.00	4.00	27			
		very fg groundmass; feldspar megacryst flowbndd / aligned @ 65dca	14019	249.00	252.20	3.20	5			
		to 40dca, wk fol'n 60-45dca, BC shp 35dca								
		A0, c2 on FP xtals, M2								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		tr -1/2% fg diss py								
252.2	258.4	Chlorite Schist (4cls)	14020	252.20	255.30	3.10	NIL			
		green, f-mg, t-th lam grading to massive downhole	14021	255.30	258.40	3.10	10			
		-mod wh cc threads & qcc threads irreg & parallel to schistosity								
		throughout = highly alt'd sed? -looking more like strongly								
		chloritic arkose in lower 1/2 of sect'n								
		-avg schty @ 78dca, BC shp at 70dca								
		A1, c1, M0								
		chl 4								
		tr -3% fg diss py								
258.4	266.6	Hybrid Intermediate-Mafic Assimilation Zone (6ctz)	14022	258.40	262.50	4.10	5			
		grey green, m-cg, chl'c + tr biot, well fol'd syn/feld porph	14023	262.50	266.60	4.10	NIL			
		(similar to 6.3-69.5)								
		-10% grey feldspar megacrysts throughout								
		-becoming more mafic downhole								
		BC shp @ 71dca parallel to schistosity /foliation								
		A0, c4, M0								
		tr -nil py								
266.6	295.0	Chlorite Schist banded Chilled Syenite (6syn 4cls hem)	14024	266.60	271.90	5.30	NIL			
		pink-grey, fg chilled syenite (as 218-236.4) massive, wkly frac'd	14025	271.90	274.60	2.70	15			
		& chl thdd with i/c green carb'd chl schist bnds 0.05 to 2.3 ft	14026	274.60	279.60	5.00	7			
		in center of sect'n as follows:	14027	279.60	284.80	5.20	19			
			14028	284.80	290.00	5.20	3			
		A0, c3-5, M0-M1 @ base	14029	290.00	295.00	5.00	22			
		H1-2 very wk								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		tr -1% & fg diss py								
		266.6-272.2 100% massive hem'c syn, wk fol'n def'd by chl threads @ 60dca								
		272.2-286.4 50% syn, 50% cls, bndg @ 70dca								
		286.4-295.0 frac'd & chl thd strd syn, chl increase downhole -chl about 5% throughout, BC shp @ 70dca								
295.0	323.6	Chloritic Temiskaming Conglomerate (1con-chl)	14030	295.00	300.00	5.00	22			
		green & wh, fg, mod shd & rextalized strong chl, strong cc alt'n	14031	300.00	305.00	5.00	26			
		throughout; well fol'd @ 60dca (& bndd);	14032	305.00	310.50	5.50	17			
		clasts very poorly preserved, mod elongated/stretched -tend to	14033	310.50	315.10	4.60	5			
		act as centers for cc ball atl'n	14034	315.10	319.30	4.20	41	38		
			14035	319.30	323.60	4.30	27			
		A0, c6-4, M3-0								
		-mod white alteration spots- calcite throughout								
		3%- tr py decreasing downhole								
		310.5-315.1 wk brown hem2 alt'n bnd, destructive -fg WAC (white alteration spots- calcite) TC @ 80dca xcutting fol'n of 55dca, BC @ 60dca parallel to foliation								
		323.6 BC shp @ 47dca parallel to foliation								
323.6	347.2	Wkly Hematitic Sediment (1 hem)	14036	323.60	328.00	4.40	9			
		med pink-grey, wkly colour bndd, fg, massive looking highly alt'd	14037	328.00	333.00	5.00	21			
		sed -very destructive alt'n -only minor rare congl clast ghosts	14038	333.00	338.00	5.00	22			
		preserved as pale green-grey/pink hem'd grit/pebbles	14039	338.00	343.00	5.00	22			
			14040	343.00	347.20	4.20	33			
		A0, c1, wk M1-0 spotty								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-slight increase in cc at both margins								
		tr chl as very very wk str bnds								
		323.6-338 tr py								
		338-347.2 1/2-4% fg py increasing downhole								
		333.3 minor gougy fault slip -tight @ 50dca								
		BC about 56dca -vague								
347.2	348.4	Chilled Syenite (7syn chl strs)	14041	347.20	348.40	1.20	17			
		red & green, med-t bndd, fg med strs aph red chilled syn i/c with								
		thin stringers dk green chl schist (30%) -bndg @ 68dca,								
		BC @ 66dca on chlorite str								
		A0, c4, M0								
		hem 5								
		-no significant mineralization								
348.4	402.7	Feldspar Porphyry (6fpp-chl/hem, py)	14042	348.40	353.40	5.00	98	72		
		th colour bndd green- grey/brown-grey, mod alt'd, m-very cg feld	14043	353.40	358.40	5.00	22			
		porph, matrix very fg -aph, <1 to 30% poorly preserved wh to pink	14044	358.40	362.40	4.00	NIL			
		well rounded to subhedral feld megacrysts throughout -destructive	14045	362.40	366.80	4.40	10			
		alt'n marked by hem staining alternating with wk alt'n + wk perv	14046	366.80	371.00	4.20	36			
		chl	14047	371.00	375.00	4.00	69	70		
			14048	375.00	379.30	4.30	57			
		A0 to atr-1, c1-3, M0, H1	14049	379.30	383.90	4.60	58			
		chl 1	14050	383.90	388.40	4.50	51			
		-wk sil'n ass'd with hem staining -dest'v	14051	388.40	393.60	5.20	NIL			
		-minor creamy Cc +/- qtz threads & lenses gen as flats @ 110-	14052	393.60	398.70	5.10	41			
		140dca	14053	398.70	402.70	4.00	82			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		3-5% fg & occ mg py as diss grain & very wk diss threads on fracs and cleavage throughout with minor i/c bnds of nil -tr py overall about 3%+ py								
		398.7-399.55 green fg, very finely fol chl schist/ strongly alt'd chl'c sed? bnd/xeno, contacts & schty @ 41dca								
		400-402.7 bit chilled & sheared @ 40dca, wkly fract'd (irreg) with fracs marked by dk green-black chl threads @ 30, 45 & 160dca, thermal fract'd, BC @ 60dca								
402.7	410.0	Chlorite-biotite schist (4cls)	14054	402.70	405.00	2.30	62			
		green, very fg, very wkly fol to almost massive looking strongly	14055	405.00	410.00	5.00	50	57		
		chlorite alt'd sed?? -rare dk green chl pebbles/clasts & +10% mg black biot/amph wisps & grains; fol'n 60 -wk S2 25dca								
		Atr-0 (chls), c5, M0, chl 4-6 -biot &/amph -pm & almost high chl lamprophyre looking strongly alt'd sed?								
		Tr -nil py								
		403.4-403.5 wk hem alt'n str bnd @ 55dca with 10% fg diss py throughout;								
		BC @ 20dca -bit curved								
410.0	422.6	Chilled Intrusive & Chlorite Schist (7cz, 4cls)	14056	410.00	412.70	2.70	134			
		as follows:	14057	412.70	413.90	1.20	NIL			
			14058	413.90	417.50	3.60	65			
		410.0-412.7 pink & grey, very fg, massive chilled int intrusion,	14059	417.50	419.20	1.70	291	255		
		<1% well rounded feld megacrysts, -well alt'd; BC @ 42dca	14060	419.20	422.60	3.40	63			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c threads , M0 Hem 2-4, minor wk chl threads irreg 5% very fg diss py as wk bnds & stringers ass'd with chl threads								
		412.7-413.9 green fg almost massive looking chl schist, wk fol @ 40dca; minor bright green chl threads & patches; almost looks like mafic volc; BC @ 44dca -bit undulating A0, c3 as threads parallel to schistosity , M0 +3% very fg diss py throughout								
		413.9-419.2 pink, grey & green, very fg intrusive (as 410.0-412.7) - massive to 417.5, from 417.5-419.2 becoming chl thd-str bndd with chlorite increasing downhole from 5 to 50% @ 35dca = sheared ass'n zone, A0, c0-tr, M0 413.9-417.5 5% py, very fg diss 417.5-419.2 2% py. very fg diss								
		419.2-422.6 green, f & mg chl schist wkly diss <10% biot thro, thl schty 45, BC 45dca A0, c5-6, M0 -no significant mineralization								
422.6	487.5	Altered Temiskaming conglomerate (1con-hem/chl)	14061	422.60	425.00	2.40	31			
		dk grey & brown pink very th colour bndd, mod alt'd Temisk pebble	14062	425.00	430.00	5.00	41			
		congl, matrix supported 10-+30% well rounded pebbles in gritty	14063	430.00	435.00	5.00	17			
		arkose matrix, hetrolithic volc/sed clasts	14064	435.00	437.90	2.90	22			
		-chl (grey) alt'n i/c with destructive hem-sil alt'n bnds thro.	14065	437.90	439.40	1.50	29			
			14066	439.40	441.50	2.10	58			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Atr on fracs to a0, c5-C1 downhole, M1-M0 downhole	14067	441.50	444.90	3.40	NIL			
		chl 1 -as wk contact alt'n to intrusion & heml bndg throughout	14068	444.90	448.10	3.20	45	36		
		2% (avg) fg diss py throughout (range tr-6% py in short sect'n),	14069	448.10	449.60	1.50	9			
		(see assay log)	14070	449.60	452.40	2.80	3			
			14071	452.40	456.50	4.10	17			
		422.6-425 wk Hem2 sed, hem decreases downhole	14072	456.50	457.50	1.00	48			
		425-437.9 grey chlc congl, M1 throughout only minor cc threads @	14073	457.50	462.50	5.00	21			
		random orient'n -tr H1 @ margin, BC = 40dca	14074	480.00	485.00	5.00	74			
		437.9-448.1 wk Hem 2 alt'n destructive bnd								
		-strongly magnetic @ TC -2-6% py throughout fg								
		-massive looking, BC @ 70dca								
		448.1-456.75 grey chlc pebble congl grading from dk grey to med								
		grey downhole								
		-tight slip/fault (no gouge) 450.4' 30dca, very very wk								
		fol'n @ 35dca throughout grades into								
		456.75-457.25 pale green grey bx bleach zone bnd, wkly seric'c -								
		minor mg 1-2% py stringers throughout								
		457.25-467.0 med grey pebble congl fol/bedding @ 45dca,								
		cstr flats 120, BC irreg 20dca								
		467.0-467.5 dk green chl'c, finely flow bndd mafic intrusive								
		stringer, BC very irreg & undulating & xcutting at 80 + 0dca								
		476.5-469.8 blocky & broken grey congl, BC about 25dca								
		469.8-470.3 green chl'c mafic dyke (md), BC on broken core, fol @								
		25dca								
		470.3-472.0 congl & chl/MD str -all broken core, BC @ base of								
		chlorite str/0.2ft TW @ CA = 0-20dca -poss 1/2 moon/lens								
		472.0-477.1 grey-pink grey, very very wkly hem'd congl; BC on								
		GND & LC section								
		477.1-487.5 gr-gy, v.wkly chl'c, well preserved congl; massive								
		thick beds/bnds, BC @ 65dca = S0? bedding								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
487.5	503.4	Temiskaming Conglomerate (1con) greenish-grey & brown-grey, m-thick colour bndd pebble congl (as above) wk alteration transition zone A0, c0-tr, M0 -no significant mineralization -TR rare fg diss py grain								
503.4	531.5	Temiskaming Conglomerate (1con) med grey, well preserved, massive structureless, hetrolithic matrix-supported pebble conglomerate, pebbles aligned @ 65dca A0, c0-tr, M0 -no significant mineralization -tr very fg py diss 544.7-545.0 xcutting bl M6 chilled diabase str @ 140dca rotated 70deg clockwise 531.5 grades into	14075	520.00	525.00	5.00	NIL			
531.5	585.0	Wkly Magnetic Temiskaming Conglomerate (1con-mag) pale grey- brownish-grey -wkly bleached looking to pale pinkish grey/brown-grey mottled, mod alt'd & WAC'd Temisk pebble congl -rare grey & purplish-grey chert nodules -groundmass rextalized to mg massive -no significant texture remaining -clasts gen subround with no apparent stretching	14076	555.00	560.00	5.00	29			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A1-tr, c1 to nil, M2-1 -tr very very wk hem 1 groundmass with clasts pref'ly hem alt'd -poss tr very wk seric? in groundmass & locally very wk mod. thick chl bndg tr fg diss py 574.5-575.9 pale green & cream, mg high carb'd mafic bnd -poss strongly rextalized tuff bed?, TC 50, BC 32dca & flamed downhole -strong cleavage WAC/WAA throughout (only trace fizz? = ctr, a6) Grades into									
585.0	609.4	Wkly Magnetic Temiskaming Conglomerate (1con-mag) (as above) pale grey-brownish-grey bleached looking massive -no significant deformation/penetrative fabric -hetrolithic matrix supported pebble congl & pebble ghosts BC = 50dca A2, c0, M1 -tr very very wk blotchy hem groundmass tr -nil py fg diss	14077 14078 14079	595.00 600.00 605.00	600.00 605.00 609.40	5.00 5.00 4.40	3 5 27			
609.4	617.6	Temiskaming Conglomerate (1con-mag) gy, grey-green & pink mottled coarsely graded pebble congl (hetrolithic) from 60% to <10% clasts downhole in gritty arkose matrix; -wk fol'n throughout @ 30dca avg BC -shp but undulating @ 12dca	14080 14081	609.40 613.50	613.50 617.60	4.10 4.10	53 69	63		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2, c0, M2 chlc groundmass chl2, wk spotty hem staining (H1) on pebble clasts only 1/2-1% fg diss py in matrix increasing downhole								
617.6	626.8	Graded Pebbly Arkose (1a +/-hem) m-th bndd green-grey & pink-brown, f-mg chlc arkose bed grading from 3% pebble clasts to trace rare pebble ghosts downhole -wk med. Hem alt'n bands & stringers dev'd throughout (destructive); very wk fol'n @ 18dca? BC very irreg & wkly bx'd on 1/2 moon syenite lens	14082	617.60	619.00	1.40	5			
			14083	619.00	622.90	3.90	182	170		
			14084	622.90	626.80	3.90	115			
		A2-1, c1-2, M2 H1, chl3 tr -3% f & mg diss py in matrix & as poorly dev'd threads on fracs								
626.8	631.1	Hematitic Sediments and Syenite (7syn, 1hem) 50% pink, fg, massive, wkly frac'd & qcc thd sealed syenite band & 1/2 moon stringers with minor gr chl stringers & threads i/c with 50% brown pink, fg, massive mod perv hem'c strongly alt'd & partly melted (pm) seds with minor pale brown-cream carb bnds & chl thds	14085	626.80	631.10	4.30	158			
		A0, c6, M2 hem 4 & 6, chl 3-5% py stringers , threads & minor diss grains, f-mg								
		626.8-627.1 50% 1/2 moon syn lens that trails off @ 179dca downhole; 3%py overall								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		627.1-628.6 hem4, fg massive highly alt'd sed 4-5% fg py str's & threads , BC @ 125dca on wispy irreg py str								
		628.6-630.7 syenite, chl stringers @ 70dca, 3-5% diss py & occ py threads & strs, BC = 63dca shp								
		630.7-631.1 brown pink, fg, highly hem alt'd sed, 1% fg diss py, BC @ 55dca shp								
631.1	632.7	Chlorite-carbonate schist (4cls)								
		green & wh, fg, tl, mod augened, strong cc chl schist -poss								
		sheared mafic tuff -one lap sized dk green chl patch that looks								
		like rounded mafic shard; schty 5-35dca, BC shp 58dca with								
		schty rotating to parallel contact/last 0.02ft								
		A0, c6, M1								
		chl 4+								
		tr -1/2% py as subround replacement patches/clots 0.04ft diam								
632.7	710.3	Syenitized Hematitic Sediment (1 hemsed)	14086	631.10	635.40	4.30	86			
		med-pale brown-pink, fg, very strongly alt'd sediment wkly	14087	635.40	640.40	5.00	2			
		foliated, sheared & augened in top 1/2 of sect'n @ 35-25dca	14088	640.40	643.50	3.10	81			
		becoming massive looking downhole; all fractured & sealed	14089	643.50	646.50	3.00	3			
		by pale creamy-white Fe-carb threads & rare wisp stringers as	14090	646.50	650.00	3.50	33			
		very irreg stockwork (about 30-40% carb vlt stockwork)	14091	650.00	655.00	5.00	5			
		with remaining sed groundmass wkly to strongly rextalized &	14092	655.00	660.00	5.00	22			
		syenitized with f-mg bx'd subround to subhedral hem stained	14093	660.00	665.00	5.00	17			
		megacrysts dev'd throughout & increasing downhole;	14094	665.00	670.00	5.00	7			
		sect'n logged as partly melted seds\iments because of	14095	670.00	675.00	5.00	7			
		relic pebble sized clasts ghost preserved in upper sect'n & trace	14096	675.00	680.00	5.00	NIL			
		well rounded pebble clasts replaced by dk green chl seen	14097	680.00	685.00	5.00	NIL			
		throughout	14098	685.00	690.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			14099	690.00	695.00	5.00	NIL			
		BC on undulating "S" stepped contact @ 37 & 0dca	14100	695.00	700.00	5.00	NIL			
			14101	700.00	703.30	3.30	10			
		A2 (stockwork), c1-3 in upper half becoming c0 & then C1 at base	14102	703.30	706.50	3.20	9			
		M1- M0 with trace rare mag pops diss throughout	14103	706.50	710.30	3.80	24			
		632.7-635.4 5% py grades to 1/2% downhole gen as stringers								
		635.4-660 1-4% py throughout								
		660-700 Tr -1/2% py								
		700-706.5 tr -3% py stringers th bnd (overall = 1% py)								
		706.5-710.5 tr fg py								
710.3	724.0	25% Chlorite Schist, 75% Conglomerate (1con hem, 4cls)	14104	710.30	712.50	2.20	17			
		green, fg, tl chl-carb schist as med interbeds @ top of sect'n	14105	712.50	715.20	2.70	22			
		i/c with 75% mottled green-grey & pink/brown, wkly rextalized,	14106	715.20	720.00	4.80	17			
		alt'd chl'c & hem'c hetrolithic matrix supported pebble congl	14107	720.00	724.00	4.00	15			
		A tr on fracs, c1-5, M1								
		chl 2, hem 1-2								
		tr py throughout with marginal increase in py 1-3%/3-4 ft 2 both contacts								
		710-711 chl-carb schist bed, schty 31, BC 52dca shp								
		711-712.5 hem'd & chl bndd strongly alt'd sed -vague clast ghosts, BC @ 34dca								
		712.5-715.2 chl-carb schist, S1 = 32, BC = 52 rot'd 30 counter clockwise								
		715.2-724.0 med-grey & pink, mottled alt'd congl, all clasts bleached & alt'd to clay & wkly hem stained; matrix wkly chl & hem with xcutting frac's haloed by Bl-chl alt'n as very fine hairs ; grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
724.0	742.5	Alt'd Chloritic Grey Sediment (1 ctz)	14108	724.00	729.00	5.00	10			
		dirty grey, f-mg, strongly rextalized & partly melted (pm) congl	14109	729.00	733.40	4.40	3			
		grading decreasingly downhole to arkose / more destrutive alt'n	14110	733.40	735.00	1.60	62	72		
		so that no clast ghosts remain	14111	735.00	740.00	5.00	9			
		-dusty magnetite dev'd throughout & as minor thinly lam'd (tl)	14112	740.00	742.50	2.50	15			
		swirled bnds/1.6' @ 733.4-735.0 = dry hornfel contact zone								
		fine green & grey chl alt'n/1mm thds dev as stockwork throughout								
		Atr, c1, M1 overall								
		-hem blotchy 2-1								
		-chl stringers , thd & groundmass chl								
		1-4% (2% avg) fg diss py								
		724.6-733.4 alt'd congl grades into								
		733.4-735 tl increase magnetic tb looking arkose								
		735-741.5 massive rextalized mg sed/metased								
		741.5-742.5 trace congl pebble ghost preserved throughout								
		BC -gradational & pm about 90dca?								
742.5	779.7	Lamprophyre (9)	14113	742.50	745.00	2.50	NIL			
		med grey, fg-mg, massive, very wkly biotitic, 1/2-1% very c-fg	14114	745.00	750.00	5.00	NIL			
		diss magnetite dev'd throughout -rare subround dk green chl	14115	750.00	755.00	5.00	NIL			
		patches & rare wh qcc stringers /threads	14116	755.00	760.00	5.00	NIL			
			14117	760.00	765.00	5.00	5			
		Atr-0, c4+, M2 with M5 pops on cg diss magnetitic grain	14118	765.00	770.10	5.10	14			
		trace Rare mg diss py	14119	770.10	773.10	3.00	22			
			14120	773.10	777.00	3.90	14			
		755.6 lamp-lamp contact about 90dca undulating -mg to fg	14121	777.00	779.70	2.70	43			
		770.1-773.1 pale grey pink, very fg rextalize hem'd sed bnd								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		TC = 72dca, BC = 60dca, both pm								
		777.0-779.7 pale grey-pink Pm & hem'd sed bed very fg, TC = 50, BC = 40dca								
779.7	808.3	Altered Conglomerate (1con-sil)	14122	779.70	783.00	3.30	127	183		
		grey, poorly preserved, dusty grey, wkly chl'c -hard = sil'd?	14123	783.00	788.00	5.00	96			
		pebble congl	14124	788.00	793.00	5.00	21			
		BC = 57dca	14125	793.00	798.00	5.00	33			
			14126	798.00	803.00	5.00	27			
		A2-4, c0, M0	14127	803.00	808.30	5.30	33			
		tr epid stringers dev'd @ m?								
		Sil/carb'n = 4+ throughout								
		1-1/2% py throughout								
808.3	821.8	Grey Felsite & Feldspar Porphyry Intrusive (6 +/-FP)	14128	808.30	811.30	3.00	45			
		dk grey, very fg, chilled int intrusive, very hard, very blocky &	14129	812.10	816.90	4.80	285	240		
		broken throughout	14130	816.90	821.80	4.90	3			
		-locally minor m-cg trachy Porphy (feld) flow bnds noted								
		A2, c0, M1								
		-hem 1 no wk alt'n bnds & patches?								
		-Tr chl								
		-wk sil'n +/- epid stringers /bnds								
		3% -nil very fg diss py								
		811.3-813.1 GND & LOST CORE								
		813.1-816.9 LC = <1%								
		816.9-821.8 LC = 20%								
		BC @ 35dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
821.8	826.3	Altered Sediments brown, fg, rextalize, blotchy metased bottom contact sharp @ 45dca	14131	821.80	826.30	4.50	48			
826.3	832.5	Porphyritic Syenite (7syp) brown-pink, fg massive matrix intrusive wkly bndd/schistose with +15% wh m-cg subround feldspar megacrysts diss througout BC shp @ 40dca -bit broken A0, c0 M0 H2, chl tr as thds & blue-grey dusty spec. alt'n -? Tr py	14132	826.30	832.50	6.20	27			
832.5	885.7	Diabase (5) grey, massive A2, c0, M2-4 -minor qtz-epid stringers & threads throughout 832.5-835 chill zone grades into 835-855 mg diabase with 40-20% very coarse subround qtz-epid alt'n; glomorophorphyritic 855-867 mg diabase, massive tr gloomorophoryre? 867-885.7 m-cg, massive diabase 885.7 ft EOH Drillers rpt 270m (885.8 ft) Logged by R.V. Zalnieriunas Jan.23/03 on site	14133	832.50	837.50	5.00	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-28

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Hole Survey Note:
Values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
96.10	-44.20+	0.70+
192.20	-44.20	0.70
374.30	-40.90+	
556.40	-40.90	
654.80	-39.30+	
753.20	-39.30	
812.25	-39.00+	
871.30	-39.00	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-29
Collar Eastings: 11335.00
Collar Northings: 3620.00
Collar Elevation: 7978.00
Grid: 2002 Imperial
Rig:B-20 Dates: JAn.18/03

Collar Inclination: -45.00
Grid Bearing: 178.00
Final Depth: 157.50 feet
CAIRO TP; CLAIM:MR5417 L114E Stat:33+80N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 23, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
0	9.8	Casing & OB								
9.8	13.2	GND & LOST CORE								
13.2	17.1	Intermediate Intrusive (6) grey, f-mg, massive to wkly foliated, minor dk chl threads dev'd parallel to foliation; fol'n @ 35dca/wkly sheared BC wkly chilled A0, c2, M0 16.6-17.1 very irreg qstr/qvlt stockwork veining dev'd @ contact as clear glassy grey qtz -+/- 4% fg diss py (unit logged as tuff in ddh M03-25!)	14134	13.20	16.50	3.30	9	14		
17.1	22.0	Mudstone (4/1 mst) grey, fg, tb mudstone/siltstone -turbiditic, bedding bit wedged weak WAC (white alteration spots- calcite) spotting bedding S0 = 40dca; -mod blocky core thro BC very irreg flamed/0.1' @ 40 & 15dca A4, c3, M0 tr -1% cg py cubes	14135 14136	16.50 17.50	17.50 22.00	1.00 4.50	21 2			
22.0	25.55	Intermediate intrusive (6 biot)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-29

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grey, mg, well fol'd @ 23dca								
		A0, c6, M0								
		-mod chl 2-4 throughout								
		-wk f & mg diss biot								
		24.6-25.1 wkly chl'c, green mudstone bnd @ 40dca								
		-lower contact very wkly flamed								
		25.55 BC @ 52dca shp								
25.55	41.0	Mudstone (1/4 mst)	14137	22.00	25.60	3.60	NIL			
		green-grey, fg, tb & t-thl mudstones & minor tb's of gritty i/c	14138	25.60	30.00	4.40	NIL			
		mg arkose (<5%); S0 = 50-35dca -bit wedged (avg 45),	14139	30.00	35.00	5.00	NIL			
		BC @ 52dca -gradational/ 0.4ft -pm	14140	35.00	39.00	4.00	9			
			14141	39.00	41.00	2.00	2			
		Gen A2 range A0-4, c1, M0								
		tr wk perv Chl								
		tr py overall & locally 4% very cg py cubes								
41.0	52.1	Mafic-Intermediate Intrusive (6)	14142	41.00	46.00	5.00	NIL			
		green-grey becoming grey downhole, grades cg to chilled fg at	14143	46.00	50.00	4.00	33			
		lower contact	14144	50.00	52.10	2.10	NIL			
		A2-4 & a1 @ BC, c1-3, M0								
		-wkly biotitic								
		tr -2% m & cg py cubes								
		41.0-46.3 sheared chl'c cg intr -fol @ 50 grades into								
		(-probably ass'd zone/phase of lamprophyre)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-29

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		46.3-50 mg grey massive intrusion with minor chl threads irreg developed on frac's grades into 50-52.1 fg chill contact, BC @ 80dca								
52.1	103.9	Turbiditic Mudstones (1 mst) greenish-grey, very fg, t-mb mudstones & rare mb's of m & cg arkose -turbiditic -minor late xcutting cc & qcc (wh) threads & stringers , S0 = 50dca BC @ 40dca	14145	52.10	54.90	2.80	3			
			14146	99.00	103.90	4.90	7			
103.9	105.9	Intermediate Intrusive / Lamprophyre grey, m-fg, mod shd, fol'd & wkly breccia & chilled fol'n & frac's @ 55dca BC on broken core	14147	103.90	105.90	2.00	NIL			
105.9	157.5	Mudstone (1/4 mst) grey, fg, m & tb, mod wh cc threads & rare xcutting stringers , becoming m-dker drey below 140ft -probably very wkly carbonaceous / graphitic	14148	105.90	107.30	1.40	NIL			
			14149	108.30	110.00	1.70	NIL			
			14150	110.00	115.00	5.00	NIL			
			14151	115.00	120.00	5.00	2			
		157.5 ft EOH Drillers rpt 48m (157.5 ft)								
		Logged by R.V. Zalnieriunas Jan. 23/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-29

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-45.90+	
83.90	-45.90	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-30
Collar Eastings: 11905.00
Collar Northings: 3070.00
Collar Elevation: 7947.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.19-20/03

Collar Inclination: -45.00
Grid Bearing: 355.00
Final Depth: 403.70 feet
CAIRO TP; CLAIM:537314 L120E Stat:30+00N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 26, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	21.5	OB casing pushed to 14.8 ft only 14.8-21.5 = 85% recovery of mixed boulders of lamprophyre & sediment & broken core fragments								
21.5	43.7	Mudstone (1/4 mst) grey, fg, thinly bedded (tb) turbiditic mudstone, bedding @ 28dca to 22dca steeping to 30dca downhole, mod blocky core throughout BC approx. 32dca on broken core A4, c0 with tr cc threads , M0 -very wk seric dev on occ bedding (S0) planes & cleavage ptb tr -4% fg py as threads dev'd ptb & as xcutting flats @ 167dca	14152	21.50	25.00	3.50	5			
			14153	25.00	30.00	5.00	NIL			
			14154	30.00	35.00	5.00	NIL			
			14155	35.00	40.00	5.00	NIL			
43.7	403.7	Mudstone & minor arkose (1/4 mst-a) grey-med greenish-grey, fg, tb mudstones (similar to above) i/c with minor m-th beds of wkly rextalized calcitic groundmass arkose & occ very minor sections of very wkly carbonaceous /graphitic mudstone A2, c1, M0 -no significant mineralization tr f-mg diss py & rare thd	14156	140.00	145.00	5.00	10			
			14157	240.00	245.00	5.00	NIL			
			14158	340.00	345.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-30

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		43.7-91.5 grey mudstone, S0 = 30dca. Minor fold 86.4-86.7 where CA's mod steepen to 63dca & rotated 90 clockwise; BC @ 38dca -stepped								
		91.5-98.7 Dark grey very wkly carbonateous mudstone, fol'n 35dca ptb; NB: 97.0-97.9 -GND & LOST CORE BC @ 38dca								
		98.7-105.8 pale greenish-grey mg c2-4 calcitic arkose, massive with wk foliation 43dca, BC 46dca								
		105.8-120.0 med-dk grey wkly graftitic (tr) mudstone; 110-120ft very blocky & broken with GND & LOST CORE from 118.1 to about119.0ft; S0 & S1 avg about 30dca, BC on broken core at about 20dca; grades into								
		120.0-229.2 med pale greenish-grey tb mudstones -minor wh cc threads & spots, S0 steeping from 28 to 40dca downhole avg & 50dca in last 5ft, BC about 50dca								
		229.2-231.0 med green, highly rextalized, cc2 arkose, massive bed, BC @ 50dca								
		231.0-308.0 greenish-grey, fg, tb mudstone -locally med bedding, S0 = 50 to 35dca downhole, BC @ 33dca								
		308.0-309.6 green, rextalized massive C2 arkose, BC @ 52dca								
		309.6-385.9 grey, m-tb mudstone poss tr graphite very wk grading to nil graphite downhole, S0 = 30dca to 20dca downhole BC very flamed @ 20dca parallel to foliation /0.1ft								
		385.9-388.4 m-cg rextalized massive arkose?, BC irreg & flamed - overall avg bottom contact at 70dca								
		388.4-403.7 mudstone, S0 & S1 about 30dca, S0 tightly crenulated, flamed/folded parallel to foliation								
		403.7 ft EOH -Drillers rpt 123m (403.5 ft)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-30

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnieriunas
Jan.26/03
on site

Hole Survey Note:
Values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
68.20	-45.10+	359.20+
136.40	-45.10	359.20
202.05	-47.60+	3.10+
267.70	-47.60	3.10
328.35	-48.80+	6.50+
389.00	-48.80	6.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31
Collar Eastings: 11832.00
Collar Northings: 2457.00
Collar Elevation: 7942.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.23/03

Collar Inclination: -45.00
Grid Bearing: 47.00
Final Depth: 318.70 feet
CAIRO TP; CLAIM:MR5417&537314 L118+95,24+00NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: Januaury 26, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.1	OB casing pushed to 4.5 ft								
4.1	34.6	Conglomerate (1/4 con) grey, gritty fine pebble congl. with 45-20% subround to eliptical pale grey monolithic sed pebbles & clasts, appears to grade finer downhole, wkly fol@70-90dca Atr-1, c3, M0 -matrix wkly chl 1 bndd -tr -1/2% fine py dev'd as xcutting stringers /threads in top sect'n from 5-23' -27-34.6= 1/2-1% very cg diss py cubes 10.1-19.4 GND & LOST CORE 23.0-23.4 GND & LOST CORE BC on GND & LOST CORE	14159 14160 14161	5.00 19.40 23.40	10.10 23.00 28.40	5.10 3.60 5.00	NIL NIL 10			
34.6	36.0	LOST CORE (LC)								
36.0	41.2	Arkose (1a) grey, med-fg, graded gritty & occ pebbly arkose grading to fg massive arkose downhole -**Stratigraphic Tops face downhole** -wkly fol @ 80dca -blocky from 36.0-36.9 BC shp @ 70dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, C0, M0 -tr chl groundmass -no significant mineralization -tr rare mg diss py grain								
41.2	43.7	Congl. (1 con) grey, monolithic (as 4.1 to 34.6), wk fol'n @ 75dca Atr-1, c2, M0 tr py								
43.7	45.2	LOST CORE (LC) GND & LOST								
45.2	59.9	Pebbly mudstone (1 mst) grey & green bndd i/c as 60% grey fg rextalized siltstones/fine arkosic sandstone & i/c green wkly schistose chloritic claystones -turbitic; <1% rare pale grey & fg well rounded mudstone rip-up clasts/pebbles elongated parallel to foliation -fol'n & bedding parallel @ 70-78dca -very wkly crenulated BC shp @ 70dca ptf Atr, c6, M0 chl 3 -thinly bedded throughout tr very very fg diss py									
59.9	71.0	Lamprophyre (9) greenish-grey, f-mg, massive, wkly biotitic (<2% vfg) -minor	14162	60.00	65.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		cc threads								
		Atr, c0, M0 -no signifincant mineralization								
		69.8-70.3 minor mudstone xeno bnd, contacts partly melted (pm)								
		BC @ 69dca shp								
71.0	88.2	Pebbly mudstone (1 mst) (as 45.2-59.9) -tb, fol'n 75, bndg bit wedged 60-75dca with rare minor "S" kinks dev'd/<0.5ft BC @ 70dca shp								
		Atr/1 as minor patches, c0, M0 tr py								
		71.0-72.1 wk pale grey bleach zone band 72.1-73.3 very wk brown very very fg biotic hornfeld contact reaction rim								
88.2	110.5	Wkly graphitic conglomerate (1con tr gf) grey & med grey, fine pebble congl with rare med-large pebbles / fine cobbles, occ minor tl wkly gf'c mudstone beds /rip-up clasts; well foliated @ 70-75dca -doubly graded - coarse congl in center of sect'n with finer pebbles @ both contacts very very wkly graphic throughout as pebbles of wkly gf'c mudstone/or lams dev parallel to foliation in matrix	14163	105.00	110.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c0, M0 -no significant mineralization -tr wkly graphitic throughout -rare tr fg py grain								
		100.3-101.5 pale green-grey, mg, cc4 highly rextalized SS/arkose bnd @ 60dca 110.5 grades @ 70dca ptf into								
110.5	114.7	Conglomerate (1 con) (similar to above) -med & pale grey -no significant graphite - Trace gf only BC @ 70dca parallel to foliation								
		A0, c0, M0								
114.7	122.2	Arkose (1a) pale green-grey, mg, massive th bed of highly rextalized & carb'd wkly chl'c arkose -very faint fol'n @ 78dca, wk white alteration spots- calcite throughout grades into (parallel to schistosity)								
		A0, c2, M0								
122.2	124.1	Transition Zone conglomerate (1 con) +/- tr gf, green, massive pebble congl (as 4.1-34.6) grading @ 122.9ft into wkly graphitic & gf mustone str'd congl (sim to 88.2-110.5ft); foliated 75dca, BC shp 78dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c3-1, M0								
124.1	138.8	Graphitic pebbly mudstone (1 mst-gf) black, dk charcoal grey & pale grey, fg, tl, tb mudstones (claystones) -nonconductive; bedding wkly crenulated & occ disrupted, <5% well rounded pale grey pebbles dev'd in top 1/2 of sect'n; minor wh xcutting cc threads & minor cc alt'n bnds ptb; avg S0 = 50dca (range S0 = <40-80dca) BC @ 63dca grades into	14164	130.00	135.00	5.00	19	17		
		A0, c1, M0 tr -1/2% mg anhedral diss py & rare threads								
138.8	146.2	Wkly graphitic i/c mudstone & congl (lmst,cong tr gf) M-t bndg, Grey & dk grey, t-m beds i/c graphitic mudstones (as above) & very wkly graphite wisped pebble congl (as 88.2-110.5), fol'n parellel to bedding(S0) at about 69dca								
		A1.2, c tr-1, M0 1/2-1% fg py as m-cg replacement patches & mg anhedral grains								
		141.1-141.3 GND & LOST CORE BC SHP @ 63DCA								
146.2	175.6	Arkose (1a) med pale green-grey, mg, massive very th bed of rextalized, wkly chl'c & carb'd mg sandy arkose, very wk fol'n dev'd locally @ 70dca								
		A0-1, c3, M0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant mineralization -trace rare grain py 166.5-167 minor wk gf dev'd withing xcutting irreg frac's - remobilization BC about 68dca								
175.6	186.2	Mustone (1 mst) pale grey, fg, tl, tb mudstones -rare calcite threads & stringers A0, c 0-tr, M0 -no significant mineralization 175.6-176.5 med-dk med bed very very wkly gf mudstone S0 = 70 176.5-182.7 very tl, tb mudstones, S0 = 65dca 182.7-184.5 very wk pea green epic/seric alt'n stringer bnds & wkly flamed & contorted bedding -soft sed def'n Fol'n @ 65 184.5-186.2 tl, tb mudstone, S0 = 55dca BC on BROKEN CORE								
186.2	192.2	Arkose (1a) med green, m-cg massive bed (as 146.2-175.6) -mod wh qtz-carb xcutting stringer & occ cc patches A0, ctr, Mo -no significant mineralization								
192.2	225.1	Mudstone (1 mst)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		med grey, very fg, tl, tr very weak perv gf?, S0 = 68 avg -minor "S" kinks throughout								
		A2, c0, M0 -no significant mineralization -tr rare m-cg diss py grain								
		219.9-221.2 pale grey, sandy med thick interbed a2, c tr, tr gf wisps 225.1 BC @ 70dca								
225.1	268.6	Fine sediment (1 mst, a) med-pale grey, 60% very fg th bedding massive claystones & 40% i/c m-fg massive to wkly fol'd arkose S0 = 45dca/60dca, fol'n = 50dca BC @ 152dca rot'd 90 clockwise	14165	240.00	245.00	5.00	NIL			
		A4, ctr, M0 -no significant mineralization -tr rare py grain								
268.6	318.7	Diabase (5) med grey, massive, mod blocky diabase								
		A4, c0, M2								
		268.6-270 aph chill zone grades to (M0) 270-274.2 fg massive diabase (M1) 274.2-318.2 mg diabase M2 throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-31

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

318.7 ft EOH -Drillers rpt 97m (318.2 ft)

Logged by R.V. Zalnieriunas
Jan.26/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
133.85	-42.80+	49.50+
267.70	-42.80	49.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32
Collar Eastings: 12060.00
Collar Northings: 2472.00
Collar Elevation: 7925.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.23-24/03

Collar Inclination: -45.00
Grid Bearing: 45.00
Final Depth: 393.60 feet
CAIRO TP; CLAIM:537314 L121+25E Stat:22+00NBQ Core by Heath & Sherwood (1986) I
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: JAnuary 28, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	1.6	OB casing pushed to 4.9 ft								
1.6	23.1	Conglomerate (1 con) green-grey, tb, gritty, chl'c monolithic pebble conglomerate 10-30% grey sed pebbles elongated parallel to foliation throughout in arkosic & chloritic groundmass -pebbles decreasing downhole? (Core quite burned) fol'n 70dca; pebbles 80dca BC @ 78dca shp A0, c1, M0 chl 4 decreasing bit downhole below 16.0 to chl 2 tr diss py & po, fg	14166	8.00	13.00	5.00	9			
			14167	13.00	18.00	5.00	NIL			
			14168	18.00	23.10	5.10	NIL			
23.1	25.0	Lamprophyre (9) grey, mg, massive, wkly fg biotitic BC shp @88dca A0, c6, M0 tr cg diss py cube	14169	23.10	25.00	1.90	5			
25.0	39.8	Conglomerate (1 con) green-grey, chl'c (as 1.6-23.1) -tb -fol'n 75-80dca to 68dca base	14170	25.00	27.20	2.20	24			
			14171	27.20	30.00	2.80	5			
			14172	30.00	35.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			14173	35.00	39.80	4.80	10			
		A0, c5-3, M0 chl 2-4 -minor med green Chl wisps injected along fol'n planes 1% py<po increasing to 3% py<po downhole as f to cg diss grains, stringers & replacement clots 35.6-35.7 very fg -green, massive wkly magnetic mafic intrusion stringer @ 65dca Grades into								
39.8	45.8	Silicified sediment grey, fg, wkly fol'd & bndd @ 80 & 65dca,strongly rextalized, mottled & wkly frac'd & sealed with grey & wh qtz/qtz-cc thds & minor qtz stringers , locally vuggy & wkly hem/lim stained BC on lim frac & Gnd core A0, ctr on fracs, M0 sil'n 4-6 39.8-44.3 2% py<po 44.3-45.8 lim qv & strs no significant mineralization	14174 14175	39.80 44.30	44.30 45.80	4.50 1.50	2 15	 19		
45.8	70.1	Graded Sediment (1con-siltstone) grey, pebbly fg arkose/ss @ top of section grading downhole to very fg grey massive SS/arkose, wkly sil'd throughout, minor bright green chlorite stringers , wisps & lens injected parallel to foliation -poss highly alt'd mafic intrusion threads? -wk fol'n @ 75dca, grades into	14176 14177 14178 14179 14180	45.80 50.00 55.00 60.00 65.00	50.00 55.00 60.00 65.00 70.10	4.20 5.00 5.00 5.00 5.10	NIL NIL 17 3 5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c2, M0 sil 2 tr chl wisps & stringers 1% -tr po as fg replacement patches & lens & rare threads								
70.1	75.0	Banded Mafic Intrusive & Arkose (4md, 1a) green, fg, fol/well sheared chl'c mafic intrusion strongly cc'd & i/c grey wkly sil'd pebbly arkose (as above)-well dev'd intr bx locally dev'd @ contacts of 70dca, locally rot'd 20 clockwise	14181	70.10	75.00	4.90	NIL			
		A0, c5 1-2% py as m & diss py cube mainly dev'd preferentially in silicified & alt'd sediments								
		70.1-71.0 green chl'c, wkly sheared mafic dyke, BC @ 65dca parallel to schistosity -mod qcc threads parallel to schistosity throughout 71.0-73.1 grey sil'd pebble congl, bedding? @ 68dca, 1% cg diss py cubes, minor green chl stringers & patches xcutting BC @ about 90dca 73.1-73.9 green, well fol'd fg chl'c, well fol'd mafic dyke, BC ≈ int'n bx/0.2ft @ 70dca 73.9-75.0 grey, wkly sil'd/well fol'd alt'd sed, fol'n @ 61dca, BC ≈ int'n bx/0.3ft @ 62dca rot'd 30 counter clockwise;								
		Grades into								
75.0	90.6	Mafic intrusive (4md 4 qv)	14182	75.00	76.50	1.50	NIL			
		med green, mg, massive mod chl'c mafic (gabbroic?) intrusive with	14183	76.50	78.20	1.70	NIL			
		mod grey sil'd pebble congl/alt'd sed bands as mb xenolith bands	14184	78.20	82.00	3.80	NIL	NIL		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		throughout; minor xcutting wh qcc stringers & threads & later qv	14185	82.00	83.30	1.30	5			
			14186	83.30	87.00	3.70	2			
		75.0-76.5 chilled green very fg intrusion, BC margin irreg &	14187	87.00	88.60	1.60	5			
		undulating @ 90dca	14188	88.60	90.60	2.00	NIL			
		A0, c4, M0, +10-15% qtz-cc stringers & threads								
		chl 4; tr py								
		76.5-78.2 mg pale grey gritty & alt'd sil'd arkose -pebbly,								
		wk fol'n 60dca; BC 122dca rot'd 30 counter clockwise;								
		= xeno bnd								
		A0, c1, M0; chl 4; 3% py diss'd								
		78.2-82.2 green, mg massive intrusion, 5% wh qc stringers &								
		threads; BC @ 35dca rot 45 counter clockwise								
		Atr-1-2, c1, M0; chl 4; -no significant mineralization								
		82.2-83.2 pale grey, glassy bull qv, massive, BC @ 25 rot'd 45								
		counter clockwise;								
		A0, ctr on fracs, M0; -no significant mineralization,								
		bull qtz vein as +95% qtz -minor wall RX frags								
		83.2-87.0 green, mg massive gabbroic intr, 3% qcc threads,								
		BC vague @ 105dca;								
		A0-1, c1, M0; -no significant mineralization								
		87.0-88.6 50% pale grey, fg pm & resorbed alt'd sed bnds &								
		stringers (0.6-<0.1ft) i/c chl stringers & wkly sheared M0								
		mafic dyke (md) bnds, avg bndg @ 130dca; grades into:								
		A1. C0, M0; 1-2% py diss m & fg pref dev in sed bnds								
		88.6-90.6 fg chl green intrusive, Chilled margins, BC shp &								
		xcutting @ 110dca								
		Atr, c4-6, M0								
90.6	122.2	Alt'd conglomerate (1con, wk py, po)	14189	90.60	95.00	4.40	17			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		pale & med grey & green, gritty, mod-wkly fol'd monomictic pebble	14190	95.00	100.00	5.00	19			
		congl with <3% green chl stringers lens & wisps dev'd parallel to	14191	100.00	105.00	5.00	14			
		foliation throughout (strongly alt'd & stretched clasts/mafic	14192	105.00	110.00	5.00	3			
		injection threads?), fol'n/schty @ 75dca	14193	110.00	115.00	5.00	NIL			
		BC @ 75dca parallel to foliation	14194	115.00	120.00	5.00	31	17		
			14195	120.00	122.20	2.20	12			
		Atr-a0, c1-5, M0								
		tr -1% py<po as cg anhedral replacement patches & minor stringers								
		dev'd parallel to foliation/on frac's								
122.2	124.5	Mafic Intrusion/Lamprophyre (4md/9)	14196	122.20	124.50	2.30	5			
		green-grey, mg, wkly fol'd, wkly biotitic, strong cc groundmass,								
		BC @ 75dca rot'd 20 clockwise								
		A0, c6, M0								
		tr cg diss py cube								
124.5	152.7	Alt'd congl (1 con, wk py, po)	14197	124.50	129.00	4.50	NIL			
		(as 90.6-122.2)	14198	129.00	134.00	5.00	10			
		wk fol'n @ 65dca, minor green chl wisps & rare stringers thro.	14199	134.00	139.00	5.00	17			
		dev'd parallel to foliation	14200	139.00	144.00	5.00	24			
		BC shp @ 71dca	14201	144.00	149.00	5.00	NIL			
			14202	149.00	152.70	3.70	NIL			
		A0 to atr on fracs base, c0-6 hem, M0								
		tr cg py diss								
152.7	154.6	Mudstone (4 mst)	14203	152.70	154.60	1.90	21			
		pale green-grey, very fg, thl, tb claystone & minor i/c silt/SS								
		(very fg) lams S0 = 68, BC @ 73dca shp								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c0, M0 tr py cg anhedral diss								
154.6	176.5	Alt'd conglomerate (1 con) (as 90.6-122.2) pebbly congl; fol'n/S0 = 70-75dca	14204	154.60	159.60	5.00	12			
			14205	159.60	164.60	5.00	9			
			14206	164.60	169.60	5.00	7			
			14207	169.60	174.60	5.00	NIL			
		A0, c6-4, M0 sil'n 2 -no significant mineralization -tr very very fg py on frac's locally								
		174.6-176.5 transition zone, grading finer & wkly gf'c (tr) downhole with minor po>>py threads dev'd parallel to foliation & xcutting & as patches & cubes								
		BC about 78dca ptb/fol, grades into								
176.6	204.9	Graphitic mudstones (4 mst-gf) charcoal grey, very fg, thinly laminated, tb with +15% wh qtz-calcite threads dev'd ptb & xcutting & sealing frac's throughout with occ. minor fg sulfide py>>po wisps & lenses ass'd with cc threads; avg bedding 72dca locally wkly crenulated BC 76 dca parallel to foliation; grades into	14208	174.60	178.50	3.90	NIL			
			14209	178.50	183.50	5.00	7			
			14210	183.50	188.50	5.00	65	72		
		A4, c1, M0 tr py po								
		176.5-178.5 transition zone, fg siltstone, Green-grey, fg, tl, wkly gf'c with gf increasing downhole; grades into gf'c								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		mudstone, minor xcutting 1mm py thd @ 150dca = 177.2ft								
204.9	212.5	Arkose (1a) green-grey, mg, mod rextalized & massive looking, very wkly bndd & trace wkly graphitic, CA's appear to rotate 90deg & then to 180 deg base Of sect'n with bndg 130dca/entire length of sect'n A4-6, c1-3 stringers & threads, M0 tr py/po wisps 210.6-212.5 wkly alt'd, bx'd & sealed with 35% wh cc & qcc irreg stringers stockwork & minor mafic int stringers = intr breccia; BC @ 130dca shp								
212.5	223.0	Diabase (5) med grey, massive, mg with very fg chilled margins, very wk epid glomoropophyritic balls dev'd in upper 1/2 of sect'n BC very very irreg & xcutting stepping @ 12dca rot'd 70 clockwise A2, c0, M0 to poss tr -no significant pull on hand magnet								
233.0	238.9	Mudstone (1mst) med grey grading to grey downhole, very fg massive looking th bed, no significant texture, minor wh xcutting qcc threads irreg, very wkly graphitic? Very wk fol'n @ 78dca grades into A4, c0, M0 tr py as rare threads & minor fg diss grains 236.9-237.7 mg rext'd, cc6 arkose interbed @ Tc = 70, BC = 90								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
238.9	323.1	Mudstone & minor arkose (1 mst, a) pale green-grey, very fg, tl-thl & t-mb claystones & minor mg strong cc rextalized i/c sandy arkose interbeds A4, c0 in claystone, c4-6 SS, M0 Trace rare py grain/wisp 238.9-247.5 claystone bedded @ 72dca in part Rot'd 70 counter clockwise, BC @ 40 xcutting intrusive 247.5-249.0 green, fg massive mafic intrusive, chl'c with wh massive bull qv dev'd from 248.1-248.85, tc @ 150, BC = 90, no significant mineralization, margin bit chilled, BC = 134dca rot'd 30 clockwise 249.0-258.1 t-mb claystones, BC = 75dca rot'd 80 counter clockwise 258.1-262.8 mg, strong cc arkose, BC = 70dca 262.8-271.0 claystones, bedding = 65-75dca 271.0-271.8 ribbon cc vein -no significant mineralization vein @ 74 dca -cc replacement of bed 271.8-294.1 claystones, fol'n 76dca massive looking 294.1-296.6 strong cc replaced, mg arkose bed @ 62dca 296.6-299.1 claystones, fol'n = 80, BC =80 299.1-300.6 mg, strong cc arkose bed BC = 68dca parallel to foliation 300.6-320.9 claystones, fol'n @ 70dca 320.9-322.0 wkly grey hornfeld contact alt'n areal -wkly biotitic, BC = 68, tr mg diss py/last 2ft 322.0-322.3 lamprophyre str @ 63dca parallel to foliation mg, 2-3% m & cg py	14211	275.00	280.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		322.3-323.1 wkly hornfeld alt'd sed, BC shp @ 76dca, tr py								
		NB: logged arkosic interbeds for 238.9 to 323.1ft (see above) possibly are strong calcitic (cc) alt'd non-biotitic, rextalized lamproplyre sill bands developedd ptb (parallel to bedding)? Lithologies show no significant chill/textures, but, are highly altered with feldspars preferentially replaced by calcite. These are intermediate looking lithologies -rvz								
323.1	329.5	Lamprophyre med grey, mg, massive to very wkly fol'd, wkly biotitic, margins bit chilled with wh qcc stringers irreg dev'd @ TC/1.5ft A0, c2, M0 -no significant mineralization								
329.5	360.0	Mudstone (1 mst) green-grey, fg, massive looking, wkly chl'c throughout grades into A2, c0, tr cc threads, M0 tr py								
360.0	381.4	Wkly Pyritic mudstone (1 mst py threads)	14212	360.00	365.00	5.00	NIL			
		(similar to above)	14213	365.00	370.00	5.00	NIL			
		massive looking to mb becoming flamed & soft sed deformed	14214	370.00	375.00	5.00	12			
		in lower 1/2 of sect'n	14215	375.00	379.40	4.40	NIL			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			14216	379.40	381.40	2.00	24			
		A4-6, C0 grading to C3 stringers , M0 wk chl increase downhole overall 1-2% py as irreg threads ass'd with wh qcc/cc stringers & threads gen dev'd ptb/ptf @ 65-75dca & occ very very cg py cubes								
		379.4-381.4 chl'c med green contact zone, BC = 83dca								
381.4	390.3	Lamprophyre	14217	381.40	386.00	4.60	NIL			
		med-dk grey, m-cg, massive, strong WAD (white alteration spots-	14218	386.00	390.30	4.30	3			
		dolomite) & rextalized -minor chl spotting & mod wh cc stringers & threads								
		Atr, cc4, M0, WAD tr mg diss py								
390.3	393.6	Chloritic sediment (1mst chl)	14219	390.30	393.60	3.30	9			
		green, fg m-thb mudstone & minor i/c chl'c rextalized & vague clast pebble congl; bedding S0 = 75dca								
		393.6 ft EOH -Drillers rpt 120m (393.7 ft) Logged by R.V. Zalnieriunas Jan.28/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-32

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
51.80	-43.30+	48.90+
103.60	-43.30	48.90
106.90	-44.00	49.70
154.45	-42.00+	51.50+
202.00	-42.00	51.50
251.25	-41.00+	53.50+
300.50	-41.00	53.50
339.85	-40.40+	59.00+
379.20	-40.40	59.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33
Collar Eastings: 9965.00
Collar Northings: 1378.00
Collar Elevation: 7935.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.25-30/03

Collar Inclination: -45.00
Grid Bearing: 45.00
Final Depth: 1063.00 feet
POWELL TP; CLAIM:MR5396 L99+85E Stat:14+05NBQ Core by Heath & Sherwood (1986) I
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: January 31, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	7.0	Casing pushed into outcrop -no core recovery								
7.0	16.5	GROUND & LOST CORE								
16.5	102.3	Ultramafic Volcanic (4umv) dk-med grey, fg massive ,wkly talcose & polygonally jointed ultramafic volcanic flows? - very blocky & broken throughout; rare chl'c flow tops / basal reaction contact rims -no significant mineralization 16.5-30.0 very blocky & broken -Lost Core about 50% A2.4, c0, M1 30.0-39.4 moderately blocky, LC about 10%; fol'n about 65dca A2-4, c0, M1 39.4-56.8 moderately blocky core, CA's 45 & 70dca A2-4, ctr, M1-2 56.8-63.6 GND & LOST CORE 63.6-75.0 mod blocky, LC about 10-20% A2, c0, M2-1 75.0-86.0 mod sheared & pocker Chip core throughout; S1 = 85dca; wkly chl'c? A2, c0, M2-1 86.0-102.3 pale grey, fg tl talcose hyalo tuff?, fol @ 65-45dca;	14220	50.00	55.00	5.00	NIL			
			14221	97.30	102.30	5.00	2			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		minor late gougy fault slip @ 62dca at 94.6ft;								
		BC = 65dca shp ptf after 0.5ft chl'c reaction aureole?								
102.3	115.4	Felsite intrusive (6)	14222	102.30	107.30	5.00	3			
		pale grey, fg, massive felsite intrusive; margin very wkly	14223	107.30	112.30	5.00	3			
		chilled, center very very wkly fg feld porphyritic, rare olive	14224	112.30	115.40	3.10	12	12		
		green chlorite threads on frac's								
		BC = 55dca shp followed by 0.2' contact chl reaction aureole								
		A0, margin atr, c0 center with c2 walls/2ft+,M0								
		tr -1/2% f & mg diss py & brassy TR po? & rare thds								
115.4	177.7	Ultramafic volc flows (4umv)	14225	115.40	120.00	4.60	2			
		dk & med grey, fg, thick bed, locally polygonal jt ultramafic								
		volc flows, minor wh qtz +/- cc stringers & threads								
		A0-tr, c0, M0-tr								
		-minor serp stringers & threads								
		-chl 4, talc 4-6								
		tr rare py								
		115.4-132.0 med-pale grey strong talcose sect'n /talc schist								
		massive, wkly fol @ 70-60dca								
		132.0-137.8 80% GND & LOST CORE								
		137.8-140.0 strong talc band BC = 70								
		140.0-164.4 polygonal jt'd UMV, 5 to 10% qvlts								
		164.4-166.0 GND & LOST CORE								
		166.0-168.6 very broken UMV, talcose & fg, schty @ 50dca								
		168.6-177.7 flowtop/basal reaction contact, very fg, massive dk								
		olive green, biotitic with 173-17.6 = 90% LC,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		very wk fol 45dca?, BC on qcc str 58dca								
177.7	189.4	Dunite (4umv) grey, f-cg, massive, 75-90% pale grey wkly frac'd olivine pseudomorphs -gen carbonate replaced in olive green, chl'c groundmass; TC wkly chilled/ 1-2 ft, BC chilled/+5 ft tops face downhole? A0, c4, M0 BC at 52dca on 0.3ft chl schist reaction rim								
189.4	228.0	Ultramafic volc flows (4umv) dk green grey & olive brown-green, f-vcg, thb ultramafic flows & i/c biotite-chlorite schist as contact reaction flow tops; flows locally showing spinefex textures; section moderately blocky & becoming more blocky downhole A2, c0, M0-1, chl4, talc 4-6 -rare serp stringers -no significant mineralization 196.0-198.7 GND & 90% Lost Core	14226	210.00	215.00	5.00	3			
228.0	234.6	Fault grey ultramafic vplcanic frags (as above) cemented with pale green talcose fault gouge; all as broken core, partly GND & LOST CORE about 60% A2, c0, M0								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
234.6	300.0	Ultramafic volc flows (4umv) grey (as 189.4-228) minor i/c interflow bx/rubble, mod to well rounded clasts, m-thb A2, c0, M1, chl 4, talc 6 270.0-280.0 minor fold with CA's flipping from 70-130dca & back to 70dca -no significant mineralization	14227	265.00	270.00	5.00	5			
300.0	302.2	Ultramafic Volc -GND & Lost Core (50%)								
302.2	335.0	Ultramafic volc (4umv) med grey, fg, th bndd, generally mod to strong talc alt'n fol'n @ 35 & 65dca A1, c0, M2, chl 4, talc 4-6 -minor wk carb-serp stringers parallel to foliation -mod chl -talcose mod to high throughout -soft & crumbly core 334.5 minor brittle fault slip -bit gougy @ 75dca								
335.0	336.0	Fault? 80% GND & LOST CORE; minor <0.1ft preserved knots of pale green talcose gritty fault gouge								
336.0	663.3	Ultramafic volc flows (4umv) black, dk grey & grey, fg, m-thick bedded, polygonal jt'd flows & i/c th beds flowtop bx/UM debris/rubble flows; occ cg spinefex	14228 14229 14230	365.00 465.00 585.00	370.00 470.00 590.00	5.00 5.00 5.00	2 7 5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		or crenulated beds noted; -core very to moderately blocky & broken throughout	14231	635.00	640.00	5.00	NIL			
		A2-1, c0-tr as rare threads, M1 -locally 3, chl 4, talc 4-6 -occ serp stringers dev'd parallel to foliation & on jts/frac's -no significant mineralization								
		Fol'n/bndg 373.0 = 62dca " 430.0 = 50dca " 480.0 = 68dca 564.4-560.8 GND & LOST CORE 90% Fol'n/bndg 590.0 = 45dca " 610.0 = 45dca 615.0-620.0 undulating foln down core length at about 0dca Fol'n/bndg 630.0ft at about 35dca								
		BC @ 50dca								
663.3	711.7	Chl-biot-talc schist (4cls) dk olive brown-green, fg, massive to wkly fol'd ultramafic reaction rim type schist of styrongly alt'd volc 5% wh c threads /carb knots, wk WAC (white alteration spots- calcite) as wkly dev'd bnds; vague bx cobbles dev'd @ top contact and grades to vfg schist downhole -very wk bndg/ fol'n @ 60-55dca BC @ 50dca; grades into	14232	675.00	680.00	5.00	27	26		
		A1-2, c1 as WAC, M0 -chl 4-5 -biot tr very fg groundmass?								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Tr rare spk py								
711.7	739.1	Ultramafic volc's (4umv) med & dk grey, fg, mb, locally poly jt'd, wkly sheared talcoses; weak cc thdd UMV Flows & minor interflow flow top bx's, fol'n/schty @ 65dca BC -gradational on vague kink fold nose/0.5ft A2, c1 as wh c knots & threads, M0 tr rare py cubes								
739.1	809.8	Talc-chlorite / talc schist (4tcs) grey, fg, th lam to massive, wkly c str'd, mod cg WAC (white alteration spots- calcite), mod sheared to massive and only Carb-talc alt'd Ao, c1-3, M0 high talc, wk chl -mod f-cg WAC tr rare spk m/cg py	14233	770.00	775.00	5.00	5			
			14234	779.90	785.00	5.10	NIL			
			14235	785.00	790.00	5.00	NIL			
			14236	790.00	795.00	5.00	NIL			
			14237	795.00	800.00	5.00	NIL			
			14238	800.00	805.00	5.00	NIL			
			14239	805.00	809.80	4.80	NIL			
		739.1-749.2 thl, mod contorted & blocky talc-chl schist 749.2-749.6 fault gouge, green, BC = 72 749.6-753.0 pale med grey talc schist, massive & blocky 753.0-755.5 GND & LOST CORE 755.5-809.8 med & pale grey, m-th bndd, locally bx'd, mod-strong white alteration spots- calcite ,talc schist/ alt'd strongly talc-carb UMV, CA about 50dca; no significant textures except for polysuturing -almost looks like pillow selvages; 766.2-766.9 GND & LOST CORE;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC about 59dca								
809.8	813.1	Talcose chlorite schist (4cls) green, fg, tl, med bedded & carb'd chl schist / poss ultramafic hyalotuff? Mod. thd cc bndg throughout; schty 60-45dca flexturing & rotating about 40deg clockwise in center of sect'n & then rotating back BC = 70dca sptf -slightly xcutting fol'n A0, c5-3, M1 (1 spot) -chl 4-6 -tr talc on parting planes 3-5% py f-mg diss mainly dev'd as 0.3ft diss halo surrounding wk irreg rosy qstr 90dca @ 812.3 & as other minor diss bnds & diss grains throughout	14240	809.80	813.10	3.30	7			
813.1	820.4	Diabase (5, 4 qv's) black-dk grey, very fg chilled massive diabase as med-th bnds & i/c sil'd wkly fuchsitic chl-carb schist as follows: A1, c3-5, M5 min'n: 813.1-814.4 trace py in cls xeno only 814.1-818.3 tr -1/2 py diss in cls xeno & qv 818.3-820.4 no significant mineralization 813.1-813.6 fg chilled diabase -jagged BC = 50dca 813.6-814.4 highly alt'd umv/carb schist, very wk chl, minor biot, grey, TR very very fg diss py, jagged BC = 55 & 30dca 814.4-815.4 bl fg chilled diabase, massive BC on broken core	14241 14242 14243	813.10 815.40 818.30	815.40 818.30 820.40	2.30 2.90 2.10	3 2 NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		about 68dca								
		815.4-816.6 mottled wh & green m-cg bx'd qv & minor wall Rx frags with 10% jagged diabase 1/2 moon from 815.5-815.9; moderately chl'c, no significant mineralization								
		816.6-818.3 chl-qtz-cc schist, th lam, mod contorted & kinked, Ca's rotating from 70dca rot'd 90 clockwise to 130 & back to 55dca xcut by 80deg qtz rich bnds, BC stepped, jagged & xcutting @ 150dca rot'd 60 counter clockwise								
		818.3-820.4 bl fg chilled diabase, minor wh qcc stringers & thread stockwork, BC on broken core poss. about 150dca rot'd 30 clockwise?								
		NB: structure note: lost sense of rot'n on broken contact above & core measures as CA's taken from here downhole should probably be all rot'd 90 to 60deg as this schist is the projected targetted N-S shear structure								
		Note 2: **CA's probably make more sense if rotated 180deg, if true then dips would be about 70-60deg due west on N-S structure & explaination of using this rotation is due to loss of true rot'n higher up in UMV section in areas of broken core & rubble -rvz**								
820.4	914.2	Chlorite-carbonate schist (4cls py)	14244	820.40	823.20	2.80	245			
		talcose mixed schists (as before), details as follows:	14245	823.20	825.40	2.20	255	278		
			14246	825.40	829.00	3.60	137			
		820.4-823.2 grey & green chl-carb tr talc schist, tl schty & bnds	14247	829.00	830.60	1.60	69			
		@74dca becoming 40dca downhole, BC=65dca, 2% very fg diss py	14248	830.60	834.20	3.60	254			
		823.2-825.4 Min'd pyritic brassy yellow & grey carb (cc) schist,	14249	834.20	838.90	4.70	57			
		thinly laminated, schty @ 56dca; +35% f & mg py & rare m-cg	14250	838.90	843.40	4.50	79	86		

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DIAMOND DRILL LOG

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HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		subhedral xtals gen. as fine (<1-2mm) threads dev'd parallel	14251	843.40	847.80	4.40	86			
		to schistosity; sect'n mod. conductive @ 100-300 ohms across	14252	847.80	851.50	3.70	17			
		core & up to 0.2ft down core length; py decreases to about	14253	851.50	855.00	3.50	3			
		15% diss py in last 0.1py @ BC & grades into next schist bnd	14254	855.00	859.90	4.90	5			
		@ 70dca rot'd 30 counter clockwise	14255	859.90	865.00	5.10	96			
		825.4-830.6 green & wh / pale grey chl-carb +/- wk qtz schist,	14256	865.00	870.00	5.00	21			
		th & thinly laminated & t bndg -rare ptygmaticaly folded	14257	870.00	875.00	5.00	79			
		white qc stringers & occ coarse snowballed cc/carb augens;	14258	875.00	879.00	4.00	2			
		t-med bands of alternating strong and weak chlorite dev'd	14259	879.00	882.30	3.30	10			
		parallel to schistosity, avg schty @ 68 & locally 65dca;	14260	882.30	887.30	5.00	72	51		
		8-3% mg & fg diss py throughout; grades parallel to	14261	887.30	892.70	5.40	3			
		schistosity into:	14262	892.70	898.00	5.30	9			
		830.6-838.9 i/c chl schist with minor carb stringers & bnds mb &	14263	898.00	900.20	2.20	3			
		mottled carb-chl schist (as above)	14264	900.20	905.00	4.80	2			
		830.6-832.0 chl +/- carb schist, schty @ 70 = BC	14265	905.00	910.00	5.00	10			
		832.0-834.2 carb-chl schist, grades @ 65 parallel to	14266	910.00	914.20	4.20	NIL			
		schistosity into:								
		834.2-838.9 chl-carb green schist (similar to 830.60832)								
		rare open "Z" kinks, avg schty 70-75dca grades								
		67dca on carb str into								
		838.9-847.8 Min'd pyritic yellow, green & grey pyrite-carb-chl								
		schist (similar to 820.4-823.2), top 1/4 of sect'n locally								
		conductive across core & down core length @ about 170ohms &								
		is non-conduction in lower 3/4's of section; pyrite as f-mg								
		thrds & stringers dev'd sub-pts as 0.2ft-1.0ft rich py bnds								
		of +50% py i/c with py poor to py nil Chl-carb schist/0.1-								
		0.2ft bands -overall sect'n shows 45-35% py gen decreasing								
		in py content to trace downhole; incipient bright green								
		chl/fuchsite/mariposite? noted as wisps &/green-carb								
		stringers throughout; avg schty = 60dca becoming 75 in lower								

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1/4 od sect'n, avg py bndg @ 70-80dca -slightly xcutting & steeper than schty; grades @ 90dca (on minor crenulation /kink) into:								
		847.8-859.9 leacocratic pale grey carb rich thl schist with 10-15% t-thick lams chl throughout; m-th bnds cc & Fe-carb; fg diss py gen dev in & at margins to chlorite wisps & str bnds; avg schty 80-75dca; grades 90dca into								
		859.9-879.3 chl-carb (40-60%) schist, gen tl with occ th lams, very vague m-th chl'c rich bndg dev'd parallel to schistosity schty @ 70dca avg, but locally 90 & 110dca rot'd 90deg; occ minor "Z" kinks (open); Grades @ 75dca into								
		879.3-882.3 very pale green & grey carb rich schist with <15% very fine chl wisps parallel to schistosity, schty & bndg @ 75dca, but showing mod-strong coarse carb rich augens (0.03ft) throughout sub-pts; grades @ 95 rot 60dca counter clockwise into								
		882.3-892.7 wkly magnetic chl-carb schist; green & pale grey, th lam, well shd schist with pale grey rounded augens (almost pebble looking) to th lam's (0.03-0.1ft) of sil'n? with very fg magnetite dust throughout gen dev'd parallel to schistosity; chlorite gen. increasing downhole; avg schty @ 90dca; grades (at base of 0.1ft magnetite-sil'n bnd)@ 95dca into:								
		892.7-898.0 chl+/-carb schist (similar to above); tr magnetic; Schty @ 80-95dca, BC about 90dca								
		898.0-900.2 sheared lamprophyre?, med grey, mg, well fol'd, wkly biotitic, rextalized with mod to strong cc groundmass & pseudmorphs throughout (c2-4, A4, M0); fol'n @ 90-100dca; grades @ 100dca/0.05ft on pm contact into:								
		900.2-914.2 chl-carb schist, fg t-th lam, well sheared, CA's								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		90dca rotating to 75dca & rot'd 90deg in last 1-2 ft, BC shp @ 75-80dca/rot 90deg								
914.2	916.1	Iron Carbonate Zone (3) pale grey, very fg - amorphous massive looking to very laminated with rare green chl stringers/wisps -ragged looking becoming mottled & wkly bx'd in lower 1/2 of section & th lam'd; 1/2% f & mg py diss -mostly in lower half concentrated @ base of sect'n BC shp @ 85dca rot'd 90 **NB: following sect'n very reminiscent of lithology sections drilled & noted in holes M03-31 & M03-32 about 1600 ft to ENE**	14267	914.20	916.10	1.90	79			
916.1	930.4	Mudstone (4/1 mst) green, fg, tb, tl -almost massive looking mudstone/claystone, rare wh cc threads (irreg xcutting) A4-2, cc tr threads , M0, chl 2-4 tr rare fg diss py grain, bndg/bed @ 75-80dca rot'd 90dca 916.1-918.1 brownish-grey, fg wkly biotitc reaction zone grades downhole to chl'c seds BC @ 90 pm & vague/0.4'	14268	916.10	920.00	3.90	3			
			14269	920.00	925.00	5.00	NIL			
			14270	925.00	930.00	5.00	5			
930.4	932.8	Lamprophyre? (A) med-pale brownish grey, f-mg, massive to wkly fol @ 83dca,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		wk diss biot throughout, rextalized with mod cc gndmass thro,								
		BC pm vague/0.1ft at about 90dca								
		A0, M0 -no significant mineralization								
932.8	934.5	Mudstone (4/1 mst) green, fg, mb (similar to 916.1-930.4)								
		BC = 140dca shp -intrusive								
		Tr m-cg py cubes								
934.5	947.5	Diabase & mudstone (5/1 mst) m & fg massive chilled diabase & pale green-grey alt'd & carb'd mudstone bnds & xenolith as follows: 934.5-935.0 diabase str, BC 140dca, M0 935.0-935.3 bx grey BC = 138dca, M0 935.3-936.5 strong carb'd & wkly chl'c seds, CA's 65, BC xcutting @ 103dca? -undulating, M0 936.5-939.7 chilled grey diabase, A4, M0, BC = 150dca shp 939.7-941.0 wkly chl'c massive sed BC = 143 rot'd 70dca counter clockwise -wk S0 at 40dca rot'd 90 clockwise = xeno bnd 941.0-945.0 dk grey chilled diabase, M2-4 massive, wk cc thd, BC shp @ 140 rot'd 70dca counter clockwise 945.0-947.0 sed, carb'd A4, mg rextalized arkose? Massive looking BOTTOM CONTACT bit irreg & stepped @ 105dca 947.0-947.5 Diabase str highly chilled -wkly fract'd,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC bit irreg @ 145dca (M2)								
947.5	951.1	Mudstone (4/1 mst) green, fg, tb S0 = 110dca -wkly crenulated BC about 90dca xcutting A4, ctr threads , M0								
951.1	969.1	*Lamprophyre (9?)* brown-grey, mg, massive -wkly fol'd, mod cc stringers & patches throughout; variable Fol'n/schty 90-80dca becoming 120dca downhole; minor green chl stringers & patches A0, cc4, M0-1 961.5-963.5 partly resorbed & rextalized leauco. grey, fg massive alt'd sed, 10-15% qcc stringers & knots, 5% avg chlorite threads & stringers & chl'c margins; TC 85dca, BC 100dca, both pm & showing reaction rims	14271	955.00	*960.00*	5.00	14			
969.1	970.35	Mudstone green ,fg, tl, tb turbidites (vfg), S0 = 105 rot'd 10 counter clockwise -locally "S" kinked, BC = about 90dca -xcutting A4-6, c0-tr, M0								
970.35	975.0	Syenite pink mg massive xcutting syn stringer, BC about 95dca bit undulating								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
975.0	998.9	Mudstone (as 969.1-970.35) CA's rotating; top 1/3 = 105dca rot'n 30 counter clockwise; center 1/3 of sect'n = 88dca rot'n = 90, lower 1/3 = 55dca with 0 rot'n; -rare "S" kinks A4, ctr, M0								
998.9	1001.1	Sheared Lamprophyre brown grey, S1=75dca, wk biot, BC = about 90dca pm A0, c2, M0								
1001.1	1029.1	Mudstone green, fg, t-th lam, tb wkly sheared @ 75-80dca -rare cc threads BC 82dca pm A4, ctr, M0 tr rare py gen	14272	1015.00	1020.00	5.00	3			
1029.1	1039.7	Mudstone green, fg, massive looking claystone, rare calcite threads A4, ctr, M0 1038.6-1039.7 mg, tr biotitic reaction contact -BC vague & pm? @ 75dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
1039.7	1063.0	Diabase								

1039.7-1056.0 green grey, aph chilled non magnetic diabase
with occ pale green qtz-epid stringers & bnds -flamed &
feathered, alt'd & sheared sed xeno bnd from 1047.1-1048.9
S2 = 70; A4, ctr, M0; TC= 70dca, BC-85dca & irreg,
grades into:
1056.0-1063.0 mg diabase; A2, c-, M2-4

1063.0 ft EOH -Drillers rpt 324m (1063.0 ft)

Logged by R.V. Zalnieriunas
Jan. 31/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
91.20	-44.60+	46.00+
182.40	-44.60	46.00
280.80	-44.00+	
379.20	-44.00	45.00+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-33

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
792.60	-41.60	45.20
915.60	-39.30+	48.00+
1038.60	-39.30	46.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34
Collar Eastings: 10220.00
Collar Northings: 200.00
Collar Elevation: 7918.00
Grid: 2002 Imperial
Rig:B-20 Dates: Jan.31-Feb.2/03

Collar Inclination: -45.00
Grid Bearing: 90.00
Final Depth: 291.10 feet
CAIRO & POWELL; CLAIMS:1207518-1207508 L102+50E 2NBQ Core by Heath & Sherwood (
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: February 3, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	4.9	Casing heavy boulders & OB								
		Note: CA's need to be rotated 60-90degrees clockwise to provide an E-W strike & southern dip @ start of hole -assuming lithologies strike east at start of hole								
4.9	10.3	Mafic volcanic (4gab?) magnetic, green, mg, well fol'd, wkly sheared gabbroic mafic volc; fol'n/schty @ 40dca A2-4, c0, M204 -mod carb str'd & white alteration spots- ankerite -no significant mineralization								
10.3	39.4	Blocky, broken Mafic Volcanic & Lost Core (4, 2) 10.3-34.5 green mg gabbroic volc (as above) all blocky, broken & partly ground core knobs LC= 63% 34.5-37.0 green, fg, massive mafic volc; wkly bndd; irreg 5-10% quartz str's, 2-3% mg diss py as wk bnd, fol'n = 55, BC on broken core 37.0-39.4 mg gabbroic mvo -broken relic frags -LC = +95%								
39.4	54.0	Mafic volc (4gab)	14273	39.20	41.00	1.80	2			

41P15NE2026 2.28283 CAIRO

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		magnetic, med green, fg, well fol, wkly sheared & bndd parallel	14274	41.00	46.00	5.00	NIL			
		to foliation; fol'n & bndg 30-40dca; py strs 80 & 55 dca in	14275	46.00	51.00	5.00	NIL			
		lower 5ft of section; grades @ 40dca rot'd 10 clockwise into:	14276	51.00	54.00	3.00	NIL			
		A2-4, c0, M4								
		chl 4+								
		-wkly sil'd throughout with 3-5+% qtz stringers , threads & irreg								
		wisps bnds throughout locally up to +10% qtz/1', rare calcite								
		threads /reaction in lower 1/2 of section;								
		2 to 1/2% py fg diss bnds & grains sss'd with qtz generally								
54.0	56.5	Siltstone (4mst/ifs)	14277	54.00	56.50	2.50	NIL			
		grey & brown, fg thl, t-mb siltstone -wkly sil'd with rosy								
		quartz veining 55.7-55.9 & 56.2-56.5; qv's 70 & 50dca;								
		bedding S0 = 50-60dca, bit crenulated								
		BC on broken core -core wkly blocky throughout								
		A1, c0, M0, 25% qtz+								
		3% fg py mostly ass'd with pale grey carb str in center of sect'n								
		as diss bnd -no significant mineralization with qvlts								
56.5	59.3	GND & LOST CORE (2)								
59.3	80.6	Wkly sheared mafic volcanic (4mvo)	14278	59.30	64.50	5.20	2			
		green-grey, fg, massive to wkly sheared volc with fuzzy green	14279	64.50	67.50	3.00	2	2		
		chlorite wisps & threads dev'd on schty planes & fractures,	14280	67.50	72.50	5.00	NIL			
		moderately rextalized;	14281	72.50	77.30	4.80	NIL			
			14282	77.60	80.60	3.00	NIL			
		shearing & carb bndg increase downhole, avg cleavage @ 55dca								
		becoming 75dca downhole with carb str bndg @ 80dca in lower ft								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC about 79dca								
		A2-3, c1-tr threads, M4 chl 1 -wkly qthdd -mod i/c flowtops/hyalo bx with permiable beds WAC/WAA'd throughout; well fol @ 50dca 5-1% f-mg diss py as diss grains, diss bnds & minor stringers								
		at 61.0 minor ground core -no significant loss								
		67.5-69.7 blocky & broken core								
		77.3-77.6 GND & LOST CORE								
80.6	85.5	Carbonitized Interflow Sediment (4ifs) pale grey, fg, t-th lam, tb, locally bx'd & hosting internal rip-up clasts (angular) of same lithology, avg bedding @ 37dca, BC on broken core but grades into	14283	80.60	85.50	4.90	2			
		A3+, c0, M4-6 -minor wh qsts dev'd sptb (<4%) -strong bleaching & very wk seric (buff?) -wk fg diss magnetite str bnds throughout 3% mg diss py throughout								
85.5	92.4	Carbonitized & Sheared Mafic volcanic (4mvo) green & buff, fg, mod shd & fol'd; highly alt'd & carb bndd & bleach str rextalized mafic volc; mod bndd with buff BZ bnds	14284 14285	85.50 90.00	90.00 92.40	4.50 2.40	3 NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-CA's rotate from 62dca to 60dca rotated 80dca counter clockwise @ 89ft to 50dca at BC after 2ft massive bnd in lower 1/2 of sect'n?								
		A3-4, co, M4-6 -wkly bleached & bndd throughout +5-10% fg diss magnetite throughout 3% -tr diss py								
92.4	94.6	Chloritic Interflow Sediments (4ifs) green, fg, tl, mod parasitically crenulated chl'c sediments mudstone/reworked tuff fold nose	14286	92.40	94.60	2.20	NIL			
		A2-4, c0, M4 chl 2 -very fg diss magnetite throughout -no significant mineralization								
		92.4-93.3 S0 @ 46dca 93.3-94.0 "Z" or "W" crenulated fold nose 94.0-94.6 S0 @ 90dca & flattening to 140dca BC @ 140dca -wkly flamed uphole								
94.6	106.3	Carbonitized Mafic Volcanic? (4mvo carb mag) mottled med & pale grey, mg, wkly fol'd to massive looking highly alt'd & rextalize mafic volc; mod & strongly bleached & Fe-carb alt'd with +10% fg diss bl magnetite throughout; very wk fol'n & bnds flipping back & forth from 140dca to 35dca rot'd 20 clockwise BC = 60dca rot'd 30 clockwise	14287 14288 14289	94.60 99.60 104.60	99.60 104.60 106.30	5.00 5.00 1.70	3 5 NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A6, c0, M4-6								
		-mod fg diss magnitite throughout								
		-mod-strong carb bleaching & mod-wk quartz stringers								
		overall tr diss py								
106.3	115.6	Bleached & Alt'd Mafic Tuff (4tuf mag)	14290	106.30	111.00	4.70	2			
		bndd cream, pale grey & med greenish-grey; fg, t-th lam to	14291	111.00	115.60	4.60	2	NIL		
		locally massive & rextalized/1-2ft bnds of either strongly								
		sheared volc / mod fol'd & sheared tuff -probably chl'c mafic								
		volc; fol'n & bndg CA's rotate from 65dca 108ft to 130-110dca								
		111/1ft to 135dca @ 114ft - with min "Z" kink from 111-112ft								
		-disrupted								
		BC @ 120dca -poss rot'd 20 counter clockwise								
		BC vague & gradational/0.1ft								
		A2 margins a0 center, c0, M4-6, strong dolamitic Alt'n? -no								
		reaction & no fizz on HCL								
		-wk-nil & locally mod f & rare mg diss magnetite as diss bnds								
		parallel to foliation								
		-minor pale grey irreg slightly xcutting quartz stringers &								
		chlorite stringers								
		-no significant mineralization								
115.6	133.9	Sheared Chloritic Mudstone (4mst-shear)	14292	115.60	120.00	4.40	7			
		med green, fg -almost massive looking sheared volc, with orig	14293	120.00	125.00	5.00	NIL			
		minor short bands of relic th-lam-tb sed textures remaining	14294	125.00	130.00	5.00	3			
		-well dev'd "C-S" deformation textures shown from 115.8-120.0ft	14295	130.00	133.90	3.90	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-"C" defined by fuzzy green chl alt'n stringering (fine) networking, shear cleavage 85dca with "S" oriented 0-10dca -cleavage sigmoidal as alternating creamy high carb lams & i/c chl lams (-poss relic S0?/S1) shows overall sinistral motion with rare reversals BC shp @ 135dca rot'd 20-30 counter clockwise A2-1. C0, M4-6 chl 4-6 -minor fg diss magnetite throughout -no significant mineralization 120.0-133.9 strong carb alt'd & chl thdd massive looking lithology to mod fol & occ poss tb @ base; = chl'c sed, fol'n/schty avg= 120dca rot'd 10-30 counter clockwise								
133.9	181.0	Lean Banded Iron Formation (11) bndd med grey & green- grey, fg, m-tb i/c magnetic chl'c green mudstones & grey fg mod-strongly magnetic, tl m-th beds of lean, fg magnetite rich beds & minor i/c pale grey claystone; lam'd BIF as follows: 133.9-147 A6, C1 stringers , M6 147-167.1 A3, c1-3 stringers , M6 167-173 A3, c1-3 stringers , M6 173-181 A1?, c1 stringers , M6 -mod xcutting wh cc stringers & threads throughout -wk chl 1-3 tr -3% py	14296	133.90	137.60	3.70	NIL			
			14297	137.60	142.00	4.40	NIL			
			14298	142.00	147.00	5.00	NIL			
			14299	147.00	152.00	5.00	NIL			
			14300	152.00	157.00	5.00	7			
			14301	157.00	162.00	5.00	NIL			
			14302	162.00	167.10	5.10	NIL			
			14303	167.10	173.00	5.90	NIL			
			14304	173.00	177.00	4.00	NIL			
			14305	177.00	181.00	4.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		133.9-137.6 30% grey mag BIF beds & stringers & i/c chl'c mst; mag decreases downhole; bedding S0 = 150-120dca crenulated & rotating from 20deg counter clockwise to 0deg downhole; grades @ 120 dca into:								
		137.6-142.0 magnetic chl'c mudstone -poss tr very wk fuchsite @ 138-139 & 140-141.5ft, A6 throughout, fol'n @ 125; grades into:								
		142.0-167.1 60% chl'c mudstone? & 40% grey mag rich BIF beds t-mb, S0 = 125-110 wedged & undulating, becoming more mag. rich downhole; -BC @ 199dca								
		167.1-173.0 strong mag rich tl bed, S0 = 100dca in center & 110dca in lower 1/2, BC = 140 rot'd 10deg clockwise on scour surface								
		173.0-181.0 very lean chl'c mudstone & 30-40% tb grey mag rich BIF beds, avg S0 = 108dca, BC on sheared cv/carb alt'n bnd @ 100dca								
181.0	205.3	Sheared Chloritic Mudstones (4mst mag)	14306	181.00	185.30	4.30	3			
		med & pale green, fg, massive looking as m-th bnds & i/c chl	14307	185.30	190.30	5.00	3			
		fract threads/ pale creamy wh carb stringered highly alt'd	14308	190.30	195.30	5.00	NIL			
		mudstone with rare ptygmatically crenulated mag BIF threads	14309	195.30	200.30	5.00	NIL			
		(rare) & carb bndg increasing downhole	14310	200.30	205.30	5.00	NIL	NIL		
		Atr-graded to A4-6, c3-6, M4								
		chl 2								
		1-2% py								
		181.0-199.9 avg fol/schty = 110dca, rare S0 about 120dca								
		199.9-202.0 very wk poorly pres'd "C-S" fabric C = 70, S = 140								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		202.2-205.3 carb alt'n & bndg @ 100dca increasing downhole -with CA's between 105dca rot'd 20 clockwise & 65dca rot'd 30deg counter clockwise as m-thick rotating bands & hinges to about 203.7ft; BC @ 95dca grades into:								
205.3	227.2	Carbonate Alteration Zone/Carbonate Schist (3carb)	14311	205.30	210.00	4.70	NIL			
		i/c leaucocratic pale cream & grey, very fg, t-th lam carb	14312	210.00	215.00	5.00	NIL			
		(Fe-carb) alt'n zone -(poss Fe-carb iron formation?) & i/c green	14313	215.00	220.00	5.00	NIL			
		& creamy th lam carb-chlorite schist -all wkly-mod magnetitic	14314	220.00	225.00	5.00	NIL			
		throughout	14315	225.00	227.20	2.20	NIL			
		A6, c0, M2-4								
		tr -1/2% py & locally 1%								
		205.3-205.6 carb>chl schist, fol'n = 95dca								
		205.6-210.0 lean carb zone, fol'n 95 rot'd 10 clockwise								
		210.0-221.6 carb-chl schist, variable CA fol'n & bndg @ 105-90dca & locally S2 showing interferance small box fold @ 217.3ft/0.4ft								
		221.6-223.3 carb & spotted biot? Wk sil'n bnd								
		223.3-227.2 chl-carb schist, CA's 90-70dca -wkly frac't/bx'd								
		BC shp @ 68dca								
227.2	241.9	Sheared & Carbonitized Mafic Volcanic (4mvo)	14316	227.20	232.20	5.00	NIL			
		green, fg, mod shd & bndd @ 55-80dca	14317	232.20	237.30	5.10	NIL			
		-mod WAA/WAC dev'd throughout with local carb bndg in lower 5ft @ 115dca	14318	237.30	241.90	4.60	2			
		BC on broken core @ fol'n 75dca rot 30 clockwise								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A4, c4, M2-4 tr py								
241.9	268.9	Carbonate Schist & Sheared Mafic Volcanic (3,4mvo)	14319	241.90	245.00	3.10	NIL			
		i/c brownish-grey & grey carb schist fg, t-thl with tr hem?	14320	245.00	250.00	5.00	NIL			
		staining & sil'd?? (hard core -poss just carb flooding) th-m bnds	14321	250.00	255.40	5.40	NIL			
		i/c with sheared carb'd +/-WAC'd mafic volc bnds (similar to	14322	255.40	259.70	4.30	NIL			
		above)	14323	259.70	261.70	2.00	NIL			
			14324	261.70	265.00	3.30	NIL	NIL		
		A6, c0-tr with c3 top margin, M2-1	14325	265.00	268.90	3.90	NIL			
		3-1% py with 6% py as strs (2) @ 255.4-259.7 ft								
		268.9-245.0 shd high carb-chl schist -schty 70-85dca grades @ 90dca into								
		245.0-247.2 brown & grey carb schist, sil'd? Variable CA's 80-100 grades into								
		247.2-247.9 chl-carb schist bnd @ 95-90dca								
		247.9-248.2 pale browny grey strong carb BZ bnd @ 90dca, 3% mg diss py								
		248.2-249.1 chl-carb schist 90-80dca								
		249.1-250.0 creamy & pink hem stain leaving carb zone -tr seric? fine py str thd parallel to schistosity 80-85dca								
		250.0-251.7 chl>carb schist -well sheared @ 88dca								
		251.7-255.4 strong carb'd massive cls/sheared vlc.; well WAC'd								
		255.4-259.7 chl-carb schists; occ dk grey & brown carb mottling & bndg, minor 0.01-0.1 ft py stringers parallel to schistosity about 95-100dca								
		259.7-261.7 sil'd? orange & grey, t-th lam strong carb schist @ 95dca								
		261.7-268.9 well sheared & carb bndd mafic volc; schty CA = 90								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		to 87dca; grades @ 87dca into:								
268.9	291.1	Carbonate Alteration / Schist Zone (3carb)	14326	268.90	274.00	5.10	NIL			
		med grey, fg, massive looking to th lam carb thdd, strongly	14327	274.00	279.00	5.00	NIL			
		sheared & alt'd lithology -poss sed/mvo?? with occ m-th bnds of	14328	279.00	282.90	3.90	9			
		breccia; pale orange & grey secondary Fe-carb bndg @ 282.9-285.6,	14329	282.90	285.60	2.70	3			
		$ 288.4-290.0ft; CA's = 90dca & locally 75dca -very hard core	14330	285.60	288.40	2.80	7			
		probably due to carb'n	14331	288.40	291.10	2.70	10			
		A6-4, c0, M1-3 becoming M0 downhole								
		2-5% f & mg diss py as diss bnds & rare thds								
		291.1 ft EOH Abandoned hole @ 291.1 ft as rods struck when tripping out for bit change. With 3 rods still in the hole, core barrel/shell caught on cave at about 40-30ft. Drillers pushed down casing to 13.5m (44.3ft) at which point casing shoe broke off. Tried pulling remaining drill stem, but lost CB, shell and bit downhole. Abandoned hole Feb.2/03 & restarted hole as M03-34A by moving forward 105ft/ & 25ft south on hole bearing of 90deg at -45 dip.								
		Logged by R.V. Zalnieriunas Feb.3/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-42.30+	
83.90	-42.30	
157.75	-42.00+	
231.60	-42.00	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a
Collar Eastings: 10320.00
Collar Northings: 175.00
Collar Elevation: 7917.00
Grid: 2002 Imperial
Rig:B-20 Dates: Feb.2-4/03

Collar Inclination: -45.00
Grid Bearing: 90.00
Final Depth: 394.50 feet
CAIRO TP; CLAIM:1207518 L103+55E Stat:1+75NBQ Core by Heath & Sherwood (1986)
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: February 6, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	9.8	Casing in OB								
9.8	11.5	Mafic Volcanic? (4mvo +/-2) green-grey massive fg core knobs & fragments 70% GND & LOST CORE								
11.5	22.5	Sheared Gabbro (4 gab-carb & sheared) pale green, m-cg, well fol'd massive, carb'd & rextalized mafic volc with well developed "C-S" fabric, C defined by vague green chl laminations? @65dca, "S" = 150dca sigmodal -very small scale -S1 fol'n/schty @ 100-115dca, overall motion seems = sinistral A2-1 on cleavage, c4-3, M2 -magnetic tr py 20.7-22.5 transition zone high & low deformation bndg & leauco. pale pink BZ @ 21.3-21.9 CA = 115 (a2) BC gradational & tightly crenulated @ 120dca into	14332 14333 14334	11.50 16.00 20.70	16.00 20.70 22.50	4.50 4.70 1.80	NIL 14 NIL			
22.5	75.3	Mafic volcanic (4mvo) green & pinkish grey, fg, massive, possibly pillowed? with t-med bnds bright pistachio green epid bndg & m-th very faint hem staining; minor chl dev & healing fractures	14335 14336 14337 14338	22.50 26.00 30.90 35.00	26.00 30.90 35.00 38.60	3.50 4.90 4.10 3.60	NIL NIL 2 5	NIL		

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			14339	38.60	42.10	3.50	NIL			
		22.5-30.9 A1, c3, M4	14340	42.10	47.10	5.00	NIL			
		30.9-42.1 A0, c3-5, M4, epid 3, H2 very wk	14341	47.10	52.10	5.00	NIL			
		42.1-66.0 A4, c0-1, M4, epid 1	14342	52.10	57.70	5.60	NIL			
		66.0-75.3 A1-0, c3, M4, H1	14343	57.70	62.70	5.00	NIL			
		NB -magnetic throughout	14344	62.70	66.00	3.30	NIL			
		22.5-26.0 = 3-4% py	14345	66.00	69.40	3.40	2			
		26.0-69.4 = tr -1/2% py	14346	69.40	72.60	3.20	NIL			
		69.4-75.3 - 1-2% py	14347	72.60	75.30	2.70	NIL	2		
		30.9-42.1 hem staining v. faint, wkly biotitic? +/-epid beds; faint fol'n -avg 62dca								
		62.7-69.4 tr hem staining								
		69.4-75.3 wkly shd with poss i/c mb tuff beds @ 65dca								
		BC on broken core								
75.3	95.2	Wkly Sheared Interflow Sediment (4ifs)	14348	75.30	80.30	5.00	NIL			
		grey, fg, well foliated/wkly schistose, tb siltstones? & minor	14349	80.30	85.30	5.00	NIL			
		i/c chloritic bnds of sheared volc;	14350	85.30	90.30	5.00	NIL			
		magnetitic throughout with occ visisble fg diss & occ f-mg	14351	90.30	95.20	4.90	NIL			
		magnetite str-threads sptb/f; S1 = 75dca, occ 4ft BZ (bleach zone) bnds &/sil'n bnds; BC vague @ 78dca sptf								
		A0, c4-6, M4 overall								
		-rare chl 1 bnds/lithology								
		-tr very wk seric throughout?								
		-magnetic								
		4-3% m & fg diss py throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
95.2	136.0	Sheared & Carb'd Mafic Volcanic (4mvo carb shear)	14352	95.20	99.00	3.80	NIL			
		green, fg, massive to wkly bndd/fol'd @ 75dca,	14353	99.00	104.00	5.00	NIL			
		bndg = mod stronger chl alt'n parallel to foliation	14354	104.00	109.00	5.00	NIL			
		-bnds diffuse & vague	14355	109.00	114.00	5.00	NIL			
			14356	114.00	119.00	5.00	2	3		
		Atr rare on cleavage, c4, M4	14357	119.00	123.00	4.00	NIL			
		chl 4+	14358	123.00	126.70	3.70	NIL			
		-minor bull wh qcc stringers & vlts xcut 90dca & ptf 75dca	14359	126.70	127.80	1.10	2			
		& locally ripped/ptygmatically folded	14360	127.80	132.80	5.00	NIL			
		-magnetic	14361	132.80	136.00	3.20	NIL			
		tr py overall with local 2-3% mg diss py ass'd with gen								
		<1ft BZ/sil'n & carb bnds								
		tr cp @ 136.0								
		132.8-135.6 pale grey BZ, shearing increases while sil'n decreases downhole								
		135.6-136.0 irreg sil'n bnd/qv -tr mg cp dev'd on frag @ base -irreg; BC -irreg								
136.0	161.5	Chlorite schist (4cls)	14362	136.00	141.00	5.00	NIL			
		green & white, fg, t-th lam chl>>carb schist, carb lam's	14363	141.00	146.00	5.00	2			
		crenulated, folded & locally disrupted with CA's ranging from	14364	146.00	151.00	5.00	3			
		37-90-135dca; -overall S2 = 65 rot'd 30 clockwise	14365	151.00	156.00	5.00	NIL			
		BC grades @ 80dca into	14366	156.00	161.50	5.50	NIL			
		A1-3, c1, M4-2								
		chl 5								
		-pale grey sil'n bnds & wh bull qsts pts throughout								
		-magnetic								
		tr -1/2% mg diss py throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
161.5	268.0	Mixed carbonate & carbonate-chlorite schists (3,4c1s)	14367	161.50	166.60	5.10	7			
		mottled cream, orange, green & wh, fg, t-th lam, mottled & m-th	14368	166.60	171.50	4.90	3			
		bndd mixed schists as follows:	14369	171.50	173.30	1.80	3			
			14370	173.30	176.50	3.20	3			
		161.5-164.5 grey, thl wk chl carb schist, schty @ 90dca,	14371	176.50	180.60	4.10	2			
		minor grey quartz stringers parallel to schistosity ,	14372	180.60	184.30	3.70	12			
		f & mg diss py 5%-TRACE; grades into	14373	184.30	188.00	3.70	2	3		
		164.6-171.5 grey & yellow +occ pale orange, fg carb schist	14374	188.00	192.70	4.70	2			
		-rare "S" kink, S1 85-95dca with orange sil'n bnd 166.6-	14375	192.70	196.00	3.30	5			
		166.9ft; grades into	14376	196.00	200.00	4.00	3			
		171.5-173.3 grey carb schist -massive becoming thl in last 0.3ft	14377	200.00	203.80	3.80	NIL			
		@ 75dca but contorted; grades into	14378	203.80	207.80	4.00	7			
		173.3-176.5 pyritic pale orange & grey carb schist minor qsts	14379	207.80	212.00	4.20	NIL			
		pts, MS-SMS PY STRINGERS DEV'D @ 173.6-173.85 & 175.95-	14380	212.00	214.10	2.10	2			
		175.10ft slightly xcutting & irreg to schty with 3-5% very	14381	214.10	216.50	2.40	3			
		fg diss py throughout; grades into	14382	216.50	219.90	3.40	10	9		
		176.6-184.3 gy carb schist, minor pts quartz stringers,	14383	219.90	224.90	5.00	NIL			
		tr seric?, schty @ 90 with mg diss py stringers & threads on	14384	224.90	230.10	5.20	NIL			
		parting plane in lower 1/2 of sect'n; grades into	14385	230.10	232.10	2.00	3			
		184.3-192.7 green grey fg, thl chlorite schist; Schty @ 70-95dca,	14386	232.10	233.20	1.10	NIL			
		chl stringers bit diffuse; CA's rotating throughout;	14387	233.20	239.20	6.00	NIL			
		grades into	14388	239.20	243.10	3.90	NIL			
		192.7-203.8 pale creamy yellow & green carb>>chl schist	14389	243.10	248.10	5.00	NIL			
		CA's = 88-78dca; chl strong/last 3.8ft grading into	14390	248.10	253.10	5.00	2			
		203.8-207.8 grey, fg, tl almost massive carb schist; grades into	14391	253.10	258.00	4.90	3			
		207.8-224.9 i/c grey th lam & contorted carb schist th-mbndd to	14392	258.00	262.50	4.50	NIL			
		massive & fract'd looking Ultramafic Volc? Locally minor i/c	14393	262.50	267.40	4.90	5			
		yellow grey carb schist tl -almost sedimentary looking;								
		alteration -shows wisps magnetite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		224.9-230.1 leaco. carb>chl schist band, thl, CA's 78-90dca BC @ 80 230.1-233.2 chl>>carb schist bnd, CA's = 78 233.2-239.2 pale grey fg massive carbonate zone; very finely lam'd @ 66dca 239.2-267.4 leuco gy carb>>chl schist th bndd fg massive bnds i/c with th lam'd bit contorted bnds; CA's kinked into "S" folds locally & also shows rare box interference fold @ 605ft; grades into: 267.4-268.0 pale green fg, tl, chl=carb schist, fratures & cleavage @ about 62dca BC intrusive & xcutting @ 125dca rot 60 clockwise								
268.0	269.1	Diabase (5) black-green, fg, massive diabase, rare cc thds -margin chilled & reactive/1mm BC = 112dca rot'd 45 clockwise								
269.1	279.2	Chlorite schist (4cls) green, fg & th lam, m-th bndg i/c with white carb stringers & threads & augens throughout parallel to schistosity @ 73-69dca BC shp intrusive @ 125dca	14394 14395 14396	267.40 270.00 275.00	270.00 275.00 279.20	2.60 5.00 4.20	3 5 3			
279.2	281.5	Diabase (5) black, fg massive chilled with reactive contacts/3mm BC @ 132dca rot'd 10 clockwise	14397	279.20	281.50	2.30	5			
281.5	286.0	Chlorite schist (4cls) med & pale grey, fg, t lam'd, schty lams very contorted &	14398	281.50	286.00	4.50	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		undulating throughout with kink shears & crenulations from 90-115dca								
		BC on biotitic? reaction rim/0.05ft								
286.0	288.1	Feldspar porphyry (6fpp) pale grey, m-cg, massive, wkly fract'd & sealed with bull white irreg. qtz flooding & qv'ing BC = 72dca rot'd 90	14399	286.00	288.10	2.10	3			
288.1	293.7	Qtz str'd chlorite schist (4cls qsts) green, fg, almost massive to tl chl schist with irreg sil'n bnds & very irreg qv's/qstrs in center of sect'n BC about 90dca on minor fault gouge / fault	14400	288.10	293.70	5.60	24	33		
293.7	303.2	Talcose chlorite schist green, fg massive to tl, with minor i/c paler green bnds of chl schist -poss sil'd? BC -irreg @ 90dca	14401	293.70	298.70	5.00	3			
			14402	298.70	303.20	4.50	7			
303.2	331.4	Syenite (7 syn) pinkish-grey, fg massive syn, minor chlorite thds & occ chl'c patches with chl xenos dev'd in lower sect'n 320-329 minor pale pink stained cc/rhod? as irreg cstr & vlts BC a 122 dca shp	14403	303.20	305.00	1.80	2			
			14404	305.00	310.00	5.00	3			
			14405	310.00	315.00	5.00	3	7		
			14406	315.00	320.00	5.00	14			
			14407	320.00	325.00	5.00	NIL			
			14408	325.00	329.00	4.00	3			
			14409	329.00	331.40	2.40	NIL			
331.4	375.0	Wkly talcose chlorite-carbonate schist (4cls) (similar to 293.7-303.2)	14410	331.40	335.00	3.60	3			
			14411	335.00	340.00	5.00	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green & wh, fg, th lam & contorted/augened schist	14412	340.00	345.00	5.00	12			
		wkly talcose; avg schty = 50-80dca & locally 95dca;	14413	345.00	350.00	5.00	9			
		5% mg py patches dev'd	14414	350.00	355.00	5.00	17			
			14415	355.00	360.00	5.00	7			
		331.4-332.1 pale green sil'n contact aureol	14416	360.00	365.00	5.00	22			
		351.0-354.4 30% pale grey sil'n? bnds parallel to schistosity	14417	365.00	370.00	5.00	27	12		
		/poss sheared felsite intrusion bnds @ 90-110dca	14418	370.00	375.00	5.00	5			
		BC = 70dca; grades into								
375.0	394.5	Chlorite schist (4cls)	14419	375.00	380.00	5.00	NIL			
		green fg massive to tb/th lam, minor wh carb stringers & threads	14420	380.00	385.00	5.00	NIL			
		becoming massive highly chl alt'd lithology with only 5% WAC	14421	385.00	390.00	5.00	NIL			
		showing in lower 4.5 ft (carb'd volc?); cleavage @ 50-60dca -bit	14422	390.00	394.50	4.50	NIL			
		rotated								
		394.5 ft EOH -Drillers rpt 393.7 ft (120m)								
		Logged by R.V. Zalnieriunas								
		Feb. 6/03								
		on site								

Hole Survey Note:
Values flagged + are assumed dip/bearings for mid point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-40.70+	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-34a

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
379.20	-35.50	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35
Collar Eastings: 11367.00
Collar Northings: 1565.00
Collar Elevation: 7917.00
Grid: 2002 Imperial
Rig:B-20 Dates: Feb.4-8/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 773.70 feet
CAIRO TP; CLAIM:537316 L114E Stat:15+25N
Grid North = 1.2deg.E ast.; core stored on site

Logged by: R.V. Zalnieriunas
Date: February 11, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	9.8	Casing OB to about 1.5 ft -casing pushed into soft & very blocky bedrock with core continuing to grind throughout. Drillers stopped pushing casing when ground got better & had good water return								
9.8	17.2	GROUND & LOST CORE (2)								
17.2	123.7	Talcose Ultramafic Volcanics (4umv) green-grey, fg, bx'd &/finely fol'd massive bndd talcose & chl'c UMV; minor wh Fe-carb stringers & thds & bx matrix flooding throughout; very blocky from 17.2 to about 62'ft 17.2-24.3 A2, c0 M2 24.3-123.7 A2, c0, M0 -no significant mineralization 17.2-24.5 blocky umv bx 24.3-26.0 broken, GND & LC about 50% 26.0-57.8 blocky core throughout, fol'n @ 65dca avg & locally 90 57.8-58.7 GND CORE LC about 10% 58.7-93.3 umv tuff bx/debris flow, well fol'd @ 40-60dca; occ mb massive umv 93.3-94.7 wh bull qtz-cc vein; TC broken; <3% wall Rx frag with bx'd vein & 50% wall Rx/0.2ft @ base -no significant mineralization	14423 14424 14425	90.00 93.30 94.70	93.30 94.70 98.00	3.30 1.40 3.30	NIL 14 2			

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		94.7-115.0 almost massive wkly fol'd umv; fol'n avg = 4-dca grades into 115.0-123.7 blocky poker chip talc chl schist, schty @ 90-75dca weak deformation zone; BC about 80dca								
123.7	124.5	Fault pale green sandy talcose fault gouge & 25% ultramafic volc lithic frags & bnds; A2, c@, M0 -no significant mineralization								
124.5	128.2	Talc-chlorite schist, fault gouge & LOST CORE well sheared tcs (as 115-123.7) with i/c 10% sandy gritty fault gouge i/c to about 125.7ft; schty 75 & 65dca A2, c2, M0 -no significant mineralization 125.7-128.2 GND & LOST CORE								
128.2	161.0	Talc-chlorite-carbonate & biotite-carbonate schists green-grey & wh tcs with +25% wh cc +/- dol? stringers dev'd throughout, th lam & ribbon'd, wkly contorted with i/c fg bronze-brown fg massive biot schist showing strong wh WAC diss throughout @ 144.3-144.9ft & 150.6-158.9ft with margins showing strong chl reaction rims -appears to be biotitic reaction / assimilation bnds dev'd @ base of umv flows; in general no significant kinematic deformation textures noted, fol'n/schty/ribbons @ 54dca throughout								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-grades @ 59dca into								
		Atr, c5-3, M0 -no significant mineralization								
161.0	166.8	Talc-chlorite-carbonate schist green-grey & wh, fg, wkly bx'd with 30% cc-Fe-carb str's & knotted schist; very wk bndg @ 60-35dca which flips to 150dca in last 1ft								
		A1, c1, M0 -no significant mineralization								
166.8	167.4	GND & LOST CORE								
167.4	169.0	Pyritic talc-chlorite schist green-grey talc chl schists? (Similar to above) <10% carb stringers & very cg 0.1-<0.2ft py cubes & minor py strs grades into	14426	167.50	169.00	1.50	7	21		
		A6, c0, M0 25% pyrite as two very very cg pyrite cubes (0.1 x 0.1ft sq.) & minor SMS diss py str of TW= 0.1ft @ CA about 122dca								
169.0	296.3	Qtz stringered talc-chlorite-carbonate schist green-grey & wh, fg, thick lam & ribboned talc-chl schist with 10-+35% wh i/c irreg Fe-carb stringers & bnds throughout with < 0.1ft to 0.2ft rare wh bull qtz & qtz-carb stringers dev'd gen pt banding throughout with qtz increasingfrom trace-5% in top of sect'n to 15-30+% in lower 1/2 of sect'n	14427	169.00	174.00	5.00	9			
			14428	230.00	235.00	5.00	3			
			14429	250.00	255.00	5.00	3			
			14430	286.30	291.30	5.00	2			
			14431	291.30	296.30	5.00	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2, c0-tr, M0 overall tr py as wk f-mg diss grain & rare py strs throughout CA's very variable & contorted throughout: 211.5 Schty = 65dca 240.0 ribbons @ 75dca 264.0 bx shear/bnd = 25dca 286.3 schty about 33dca 291.3 ribbon = 55dca 293.0 ribbons flip to about 120dca 196.5-196.8 GND & LC 229.5-229.6 GND & LC 281.5-about 284.3 GND & LC 284.3-286.0 broken core & 1/2 moons throughout BC about 113dca								
296.3	317.6	Silicified quartz-chlorite schist wh & pale green, f-mg, massive & mottled to locally tl & very wkly "Z" crenulated sil'd schist; wkly chl'c; poss tr fuch (incipient); sil'n of fold nose? schty upper 1/2 = 125dca while lower 1/2 = 0 to 30dca; BC about 37dca grades into Atr @ margins, - A0, c1-6, M0 tr -1/2% mg diss py & very rare diss wisps/threads dev'd parallel to schistosity	14432 14433 14434 14435 14436	296.30 300.00 305.00 310.00 315.00	300.00 305.00 310.00 315.00 317.60	3.70 5.00 5.00 5.00 2.60	NIL 3 10 NIL NIL	 5 		
317.6	321.4	Alt'd Carbonitized Sediment (4ifs carb) pale grey, f & mg, well foliated arkosic sed; fol'n @ 45dca	14437	317.60	321.40	3.80	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		becoming 70dca downhole								
		pale pink Fe-carb +/-gtz irreg stringers dev'd @ 318.1-319.2								
		undulating downcore @ about 170dca								
		BC @ 60dca shp								
		Atr, c$, M								
		1/2% diss py								
321.4	327.2	Quartz-carbonate-chlorite schist	14438	321.40	325.50	4.10	17			
		dk green & wh, fg, th lam to finely bndd, strongly contorted &	14439	325.50	327.20	1.70	NIL			
		locally bx'd & disrupted qtz-Fe-carb & chl schist with tr black								
		tourmaline?								
		321.4-325.5 avg bndg @ 70-90dca								
		325.5-327.2 CA's rotating from 60dca TC to 115dca BC with								
		small wedge of sil'd/carb sed (as 319.6-321.4) preserved @								
		326.0-326.6ft marking fold nose?								
		BC @ about 112dca but crenulated & vague								
327.2	348.3	Chloritic mudstones (4mst qstrs)	14440	327.20	330.30	3.10	NIL			
		green, fg, tl, tb chloritic mudstones; moderately blocky core	14441	330.30	335.00	4.70	NIL			
		throughout; bedding planes very wkly crenulated but apparently	14442	335.00	340.00	5.00	5			
		flexturing back & forth through a series of fold noses with limbs	14443	340.00	341.50	1.50	10			
		@ 35 & 130dca / distances of 5-10ft	14444	341.50	342.60	1.10	149	79		
		BC @ 135dca shp	14445	342.60	348.30	5.70	10			
		A1-2, c3-0, M0								
		minor late wh vitreous xcutting & occ ptb qstrs & vlts <5-10%								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		throughout gen @ 85dca & as minor thds & lenses -occ better dev'd @/near fold noses; qvlts gen <0.1ft TW with rare 0.3ft vlt @ 342.4ft 3-1/2% fg py diss & minor str thds ptb throughout 341.5-342.25 brown wk hem2 alt'n bnd with 5% qstrs & <5% f & mg py 342.25-342.6 qvlt; CA's 80dca								
348.3	350.4	Sheared chloritic lamprophyre? (9 chl) med green, mg, well sheared & fol'd @ 142dca, tr biot wisps mainly near lower contact; -almost looks like a mafic tuff but shows weak hematitic reaction rim below bottom contact, BC shp @ 155dca A2, c0, M0 chl 4								
350.4	375.8	Alt'd hemtitic &/chloritic sediments (4mst-hem) green, brown-green & pink brown, fg tb mod alt'd & bndd mudstones bedding undulating & flexturing along core axis from 150 to 25dca throughout sect'n BC @ 15dca pm on 0.05ft chl'c reaction margin A1-0, c1, M0 -minor cc thds -chl bnds & wk H1 bnds/thd = 70% of sect'n with hem staining pref dev'd along & following bedding flexturing & folding Overall tr py, f & mg, with 1-2% diss py dev'd @ 392.7-375.8ft	14446	348.30	350.70	2.40	NIL			
			14447	350.70	354.00	3.30	NIL			
			14448	354.00	357.70	3.70	5			
			14449	357.70	362.70	5.00	15			
			14450	362.70	367.70	5.00	NIL			
			14451	367.70	372.70	5.00	19			
			14452	372.70	375.80	3.10	31			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		chl 4	14467	429.50	434.50	5.00	NIL			
		-rare xcutting wh qcc stringers & fine <5% wh cc/qcc threads ptb throughout	14468	434.50	436.60	2.10	39	74		
		-overall 1% diss py								
		436.0-436.6 very wk hem stain contact zone hem increases downhole,								
		BC @ 35dca shp sptb								
436.6	450.3	Chloritic lamprophyre & mudstones (9,4mst)	14469	436.60	440.10	3.50	5			
		green, well sheared chl'c lamprophyre bnds (as 348.3-350.4) i/c &	14470	440.10	441.50	1.40	21			
		interbanded ptb with chl'c mudstones (as above)	14471	441.50	444.10	2.60	NIL			
			14472	444.10	447.20	3.10	NIL			
		436.6-440.1 80% strongly sheared lamp? S2 = 30dca, BC = 42dca	14473	447.20	450.30	3.10	10			
		-wk fg ctZ/sheared sed @ 438.6-439.2ft								
		440.1-441.5 green chl'c mudstone; BC bit scoured & stepped @ 32dca								
		441.5-444.1 strongly sheared chl'c lamp?, S2 = 42dca, BC vague								
		444.1-447.2 chl'c mudstone -strong chl & pm to about 446ft, well pressurved wedge bnds 446-447.2ft @ 45dca, BC = 46dca shp								
		447.2-447.8 sheared lamp?, BC = 48dca								
		47.8-449.6 chl'c mudstone, BC = 60dca xcuts S0 of 45dca								
		449.6-450.3 sheared lamp, S2 = 60dca, BC = 55dca								
450.3	515.7	Chloritic mudstones (4mst)	14474	450.30	452.40	2.10	12			
		green-grey, fg, thl-tb, well preserved bedding, mudstones, rare	14475	452.40	457.40	5.00	33			
		<2% mg chl-carb schist or shd lamp bed/bnds throughout ptb 0.3-	14476	505.70	510.70	5.00	NIL			
		<0.1ft; bedding @ 65dca avg (range 45-75dca- beds bit undulating)	14477	510.70	515.70	5.00	NIL			
		BC @ 30dca -undulating on broken core								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A2-4, ctr as threads , M0 chl 2 tr rare mg diss py cubes with minor py stringers dev'd @ 451.2ft ptb @45dca Shd chl'c lamp/carb-chl schist bnds @ 475.4-475.8ft CA = 65dca 476.0-476.2 CA = 60dca 480.4-481.2 CA = 62dca 488.6-488.75 wedged bed								
515.7	531.4	Pyritic chl-carb schist & Alt'd hematitic sediments pinkish green-grey, m-cg, well fol'd & wkly contorted chl-calcite schist bnds with cg diss py cubes i/c with mottled pinkish-grey & green-grey, wkly sheared & carb'd, mod alt'd mudstones (similar to above) as follows:	14478 14479 14480 14481 14482	515.70 520.00 524.30 526.00 529.90	520.00 524.30 526.00 529.90 531.40	4.30 4.30 1.70 3.90 1.50	NIL 15 NIL NIL NIL			
		515.7-520.2 chl-carb schist, avg bndg & schty @ 35dca but up to 90dca locally, cg py, tr hem stain, BC on broken core about pts @ 28dca 520.0-524.3 chl'c mudstones, 10% qtz-cc threads & stringers? & white alteration spots-calcite (WAC), S0 bedding undulating from 42dca becoming 160dca in last foot on lower limb of 2ft "S" kink; -tr Hl; Minor "Z" kink @ 521ft; BC GND & LOST CORE -no significant mineralization 524.3-526 pyritic chl schist, strong Fe-carb zone, cg py cubes & triangles, CA's arcuate along core axis throughout sect'n 526.0-529.9 pink mottled & grey, disrupted almost massive looking siltstone, wk & mod wh carb thds wisps & knots, BC = 66 shp								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		529.9-531.4 pale green carb-chl schist, tr cg py cubes -open "S" crenulated folds throughout, BC = 68dca on 0.1 chl reaction rim -possibly highly alt'd lamprophyre?								
531.4	605.2	Carbonitized mudstone (4 mst)	14483	531.40	535.00	3.60	17	17		
		green & pale green, fg, tl, tb wkly locally "S" kinked mudstones,	14484	535.00	540.00	5.00	14			
		mod carb groundmass throughout; very blocky & broken core								
		A1, ctr-1, M0 to 563.9								
		chl 1-2								
		563.9-566.1 A0, c4, M0								
		566.1-605.2 A2-4, c1 & loc c3 as minor str bnds & threads , M0								
		tr -locally 1/2% py as diss py grains & occ diss threads ptb								
		540 -S0 = 58dca								
		560 -S0 = 70dca								
		563.9-566.1 mod cc alt'n bnd, mg with wk py str dev'd @ 565.3ft schty @ 78dca								
		595 -S0 = 85dca								
		Grades @ 88dca ptb into:								
605.2	620.0	Carbonitized mudstone (4 mst)								
		(similar to above)								
		wkly magnetic & locally rextalized to m-th bnds, CA's= 85-90dca;								
		grades into:								
		A1 -tr, c1-3, M1								
		-wk H2 bnd @ 612.1-613.3 = M2								
		tr fg py diss + minor diss thds								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
620.0	668.7	Mudstone (4 mst)	14485	655.00	660.00	5.00	NIL			
		green fg, tb mudstones (as 531.4-605.2)	14486	660.00	665.00	5.00	NIL			
		bedding CA's as follows:	14487	665.00	668.70	3.70	14			
		A2, ctr threads , M0								
		tr py								
		641 S0 = 80dca								
		645 S0 = 103dca								
		648 S0 = 80dca > beds poss. rotating 90deg?; core blocky &								
		660 S0 = 80dca > lost sense of rotation								
		BC @ 88dca shp								
668.7	676.8	Chloritic sheared lamprophyre (9 chl)	14488	668.70	672.90	4.20	NIL			
		green, mg, well-mod fol'd @ 73dca; rextalized & carb'd throughout	14489	672.90	676.80	3.90	NIL			
		weak fg biot throughout								
		A0, c4+, M0								
		-fg mod-strong WAC throughout								
		672.4-672.9 pale orange brown highly sheared sed xeno bnd?								
		with weak cc threads , contacts @ 75dca & internal fol'n								
		at 75dca -no significant mineralization (dry looking)								
		676.8 BC = 63dca shp								
676.8	679.9	Carbonitized mudstone (4mst carb)	14490	676.80	679.90	3.10	NIL			
		green, fg, tl, mod shd & fol'd @ 52dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC slightly xcutting @ 79dca shp								
		A4, ctr threads , M1								
		tr to 3% f & mg diss py increasing downhole								
679.9	683.5	Syenite (7syn)	14491	679.90	683.50	3.60	NIL			
		pink, mg, massive, rare wh carb threads, rare xeno ghosts,								
		BC shp @ 75dca								
		A0, c0, M1								
		tr -fine rare specks fg py								
683.5	685.8	Mudstone (4mst)	14492	683.50	685.80	2.30	33	34		
		green-grey, fg, wkly sheared & frac'd @ 60dca;								
		grades @ 60dca into								
		Atr, ctr threads , M1-0								
		-wkly chl'c								
		1/2% fg py on frac's								
685.8	697.8	Weakly Hematite Banded Mudstones (4mst +/- hem)	14493	685.80	689.00	3.20	NIL			
		green-grey & pink-grey, fg, tl, tb mudstones, v. wkly chl'c	14494	689.00	692.50	3.50	24			
		throughout with alternating wk hem stained bnds about 0.8-1.5ft,	14495	692.50	693.70	1.20	22			
		bedding @ 52dca becoming 65dca downhole	14496	693.70	697.80	4.10	NIL			
		Atr, c3, M1-0								
		-no significant chl								
		tr -3% diss py f & mg								
		695.7-693.7 irreg wh qtz str stockwork zone with chl schist walls								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		& minor wall Rx Bx frags, qtz = 25%; minor py on fractures (1-2% py); schty in lower wall about 35dca								
		697.8 grades @ 60dca into								
697.8	713.0	Chlorite schist (4cls)	14497	697.80	701.00	3.20	NIL			
		green-grey, f & mg, thl, wkly crenulated chl-carb schist,	14498	701.00	705.60	4.60	2			
		schty CA's flexturing & rotating from 55dca to 25 to 95 to 110dca	14499	705.60	710.00	4.40	27	31		
		A2, c%, M1								
		1-5% fg diss py								
		705.6-710.0 wk brownish-grey, cc carb alt'n zone, wkly bx'd & contorted; grades @ 110dca into								
713.0	718.0	Transition zone -sheared sediments	14500	710.00	715.00	5.00	14			
		green-grey, f-mg, massive siltstone / fg sandstone (arkosic	20001	715.00	718.00	3.00	2			
		looking unit) with minor i/c "C-S" shear fabric bnds;								
		-chl atl'n & shearing decreasing downhole; bedding @ top 1/2 of								
		sect'n parallel to schistosity @ 110dca rotate to about 90dca in								
		last foot & grades into:								
718.0	721.1	Arkose (4a)	20002	718.00	721.10	3.10	9			
		grey, fg massive wkly hornfeld arkose with rare tb mudstone								
		interbeds @ 90 & 70dca								
		BC @ 65dca xcutting								
721.1	726.3	Chloritic lamprophyre (9)	20003	721.10	726.30	5.20	NIL			
		green-grey, mg, wkly shd & wkly fol'd @ 75dca								
		BC @ 62dca on wk 0.2ft chill bnd								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
726.3	737.3	Sediments (4a,mst)	20004	726.30	731.80	5.50	7			
			20005	731.80	737.30	5.50	NIL			
		726.3-729.5 pale grey, fg arkose & rare mb & minor tb siltstone interbeds; S0 = 70dca								
		729.5-737.3 med grey & green-grey, tb mudstones; S0 wkly flamed, S0 avg = 62dca								
		BC arcuate & xcutting								
737.3	772.0	Lamprophyre (9)	20006	737.30	741.30	4.00	NIL			
		grey, mg, wkly fol'd to massive, margins wkly chilled & showing	20007	741.30	745.60	4.30	7			
		ctz (contact zone) assimilation textures (pm);	20008	745.60	746.70	1.10	NIL			
		center of sect'n wkly mg feldspar porphyritic (<5%);	20009	746.70	750.00	3.30	10			
		wk diss biot wisps throughout; wk fol'n @ 60dca;	20010	750.00	755.00	5.00	9			
		rare fine black assim'd xeno patches & ghost throughout	20011	755.00	760.00	5.00	9			
			20012	760.00	765.00	5.00	2			
		745.6-746.7 dk grey wkly amphib'd sed xeno bnd @ 30dca -all broken & blocky	20013	765.00	770.00	5.00	NIL			
			20014	770.00	772.00	2.00	14			
		760.9-761.7 dk green strongly chl'c alt'd mudstone xeno bnd TC = 56dca, BC = 52dca								
		772.0 BC shp @ 50dca								
772.0	773.7	Mudstone (4mst)	20015	772.00	773.70	1.70	10			
		very dk grey, wkly shd, tb sed/mustone becoming very blocky & broken below 772.8ft, CA = 40dca								
		773.7 ft EOH -Drillers rpt hole drilled to 237m (777.6 ft) but no core recovery below 773.7ft due either to								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grinding & lost core/core tube mislatch								
		End of Phase I exploration drilling								

Logged by R.V. Zalnieriunas
Feb.11/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-44.00+	360.00+
83.90	-44.00	360.00
182.35	-43.80+	357.90+
280.80	-43.80	357.90
379.20	-42.10+	357.40+
477.60	-42.10	357.40
600.65	-40.10+	357.00+
723.70	-40.10	357.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-35

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
723.70	-40.10	357.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-36
Collar Eastings: 400.00
Collar Northings: 1802.30
Collar Elevation: 8087.00
Grid: 2002 Imperial
Rig: B-20 & H&S35 Dates:Feb.22-Mar.19/03

Collar Inclination: -80.00
Grid Bearing: 360.00
Final Depth: 2579.70 feet
POWELL TP. CL:MR5922(Shirriff) L4E, 18+02.3NNQ Core by Heath & Sherwood (1986)
Grid North 1.2deg E ast.; core stored on site

Logged by: A. W. Beecham
Date: March 21, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	8.4	OB Casing pushed to 10ft								
8.4	63.7	Paraconglomerate with feldspathic quartzite (Gowganda formation) Med grey, predominantly feldspathic sandstone matrix with subordinate beds siltstone up to 5% light red-brown fine feldspathic, qtzite beds; clasts rounded 5mm-4cm of fg felsics, mg feld? -rich rocks minor fg mafic 4-6% of unit; same of re-brown beds wkly magnetic Structure: mostly massive thin bedded in places at 65-80 minor broken core; wkly frat'd with preferred orientation at 25 Remark: typical Gowganda formation congl Minor white calcite veinlets @ 1mm here & there, cc-1 H1 -63.7: 25-35% fsp qtzite beds with very weak, dull red-brown hem stain (pervasive) Tr diss'd py here & there, slighlty more abundant in red-brown qtzite layers									
63.7	80.0	Red brown feldspathic sandstone & paracongl Pale red-brown fine sand to silt; H = 5-6; wkly magnetic minor beds grit -paracongl Structure: massive, bedded places at 65-85 -contorted - preconsolidation	20016 20017 20018	63.70 66.70 75.60	66.70 75.60 80.00	3.00 8.90 4.40	57 12 3	60		

41P15NE2026 2.28283 CAIRO

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-36

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Weak pervasive hematite stain								
		-probably introduced as xcuts bedding 82.0 therefore 1-2mm, hard								
		red brown qtz-fsp -tr py veinlets								
		tr -1/2% diss'd py								
80.0	116.0	Paraconglomerate with feldspathic sandstone	20019	80.00	85.00	5.00	NIL			
		As above 8.4-63.7' mostly grey mostly sand-sizedmatrix; up to 20%	20020	85.00	90.00	5.00	NIL			
		pebbles in places Fsp'c? Sandstone beds; wkly magnetic	20021	103.60	108.70	5.10	NIL			
		Structure: massive; rare bedding at 80	20022	108.70	113.20	4.50	3			
		Remarks: 103.6-109 pale red brown fsp sandstone								
		-weak pervasive hem								
		-minor limonite on fractures								
		-postive Fe reaction K-Fe-cyan Sol'n								
		tr py in red brown qtzite beds (see remarks)								
116.0	127.6	Thin bedded red-brown siltstone	20023	113.20	116.20	3.00	14			
		Pale dull red brown H ≈ 5-6 sitl to chert-like; weakly magnetic	20024	116.20	120.00	3.80	NIL			
		in places	20025	120.00	123.80	3.80	NIL			
		Structure: 1mm bnds at 45 to 135	20026	123.80	127.60	3.80	15	5		
		Remarks: 118.5: 2 cm drop stone of pink granite								
		-weak pervasive hem, sections strong, pervasive silicification?								
		-mod pervasive Fe reaction (Fe Mg Carb) with K-Ferrocyanide sol'n								
		-1% hairline calc. Veins								
		tr diss'd R?								
		-tr spec hem as hairline veins								
127.6	166.0	Paraconglomerate								
		As above; clasts: 15-20% rounded -subangular incl granite, fg								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-36

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		felsic fsp porph? And a few small rounded fg rim?								
		Clasts; 162 -clast grey gneiss?								
		-matrix mostly qtz-fsp sand or subordinate mudstone 148-166 wkly magnetic								
		Structure: massive								
		Mod pervasive Fe reaction to Fe cyan								
		162-166 weak pervasive hem								
		isolated tr fg py								
166.0	182.0	Grey feldspathic sandstone								
		med dull grey, brown in places; a few grit beds								
		Structure: massive thick-bedded, thin bedded here & there 75-85								
		Remarks: 160-173'core jumbled & uncertain of upper contact -congl & sandstone could be interbedded								
		166-169 v. weak pervasive hem, mod pervasive Fe reaction to K-Fe-cyan								
		tr py up to "% with hem 166-169								
182.0	193.8	Parcongl								
		As above, 127.6-166', 10 cm blue green rim clast at top								
		Mod perv Fe reaction to K-Fe-cyan								
		tr diss'd py								
193.8	314.0	Massive grey sandstone	20027	302.00	307.00	5.00	2			
		med grey med fine qtz feldspur sand; grades into silt here &	20028	307.00	310.00	3.00	NIL			
		there; silt beds near top; minor congl beds	20029	310.00	314.00	4.00	NIL			
		Structure: mostly massive and unbedded mudstone beds, 24.9-26.3								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		bedding at 80?-0 to 110 only wkly fract'd -soft sed deform'n at bottom inbeds 45-135 219.5 2" weaked fract zone Remarks: 10cm granite drop stone at 203.5 249-263 15% thin bedded mudstone -same? With soft sed deform'n - load cast -flame structures A little very weak pervasive hem stain 302-312 mod hem with minor grey qv -both pervasive and fracture-controlled, minor 1-2mm white qtz veinlets <1% here & there; only isolated positive Fe reaction to Fe-cyan-sol'n py as very lean diss'n best conc'n up to "% over "Z" with red hem stain								
314.0	369.2	Ortho-conglomerate Matrix fg qtz-feldspar sandstone to silt, dull medium grey, clasts: 35-65% average 5-10cm but ranging from a few mm to 20cm at 345 up to 40cm at 365' Clast lithology: feldspar porphy?, syenite porphyry?, various granites, fg mafic volc, diorites? Fg ultramafic black chert, rare qtz & jasperite; wkly magnetic in places Structure: massive unbedded, except for thin sandstone beds near base at 80, very wkly fract'd at 50 & 30 No significant alt'n very small 1-2mm calcite; 359.5-369.2 sparse (1%) 2-4mm white qv, positive Fe reaction to K-Fe-cyan -in some matrix only isolated tr py 324.6 small (<1mm) veinlet Cp of 40	20030 20031	359.30 [illegible]	364.00 [illegible]	4.70 [illegible]	NIL 14			
369.2	395.1	Massive sandstone with ortho-conglomerate	20032	369.00	374.00	5.00	7			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Sandstone as above 193-314', congl: similar to unit 314-369, but with smaller clasts; includes pebble m-cg magnetic diabase (Matach diabase), a few grit beds	20033	374.00	390.50	16.50	NIL			
		Structure: bedding 70-100 almost unfractured								
		Remarks: 382.7-384.5 conglomerate								
		388.8-390.0 conglomerate								
		369.2-372.2 1% white qv at 30								
		tr py here & there with hem at top								
		3% py/o.1' at 389.9'								
395.1	453.8	Altered, thinbedded mudstone	20034	404.00	409.00	5.00	21			
		20-30% dark green chloritic rich beds separated by 70-80% pale	20035	409.00	414.00	5.00	3			
		red brown (alt'd) hard silty layers	20036	414.00	419.00	5.00	14			
		Structure: thin beds from <1mm to 10cm at 0 to 80, abundant soft	20037	419.00	424.00	5.00	5			
		sediments features flame structures, Wad? Cast, (flames of course	20038	424.00	429.00	5.00	10			
		show tops toward collar); cleavage parallel to beds -breaks in	20038	429.00	434.00	5.00	3			
		short lengths	20040	434.00	439.00	5.00	5			
			20041	439.00	444.00	5.00	2			
		Strong sect'n (hard) & hem stainof silty -fg sand layers	20042	444.00	449.00	5.00	17			
		sparse (<1%) white calcite veinlets								
		tr py throughout within silt/sand layer								
453.9	607	Massive paraconglomerate (pebbly greywacke?)	20043	449.00	453.90	4.90	19			
		Matris: med, olive grey H = 45; wkly magnetic mainly silt with 3-	20044	559.50	562.80	3.30	15	9		
		5% qtz +/- fsp sand grains	20045	562.80	566.50	3.70	5			
		Clasts: 2-5% 2mm-2cm mostly rounded fg-mg fabric rocks, granite								
		Structure: very massive, unbedded wkly fract'd zones with thin								
		calc cement at small angle to core from 491-454; 517-539								
		-mostly frac spacing >2'; Frac'd sect'n at 538; 543-544; 565-566;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		584-585; -590 -596.4 frac'd with 0.8' lost core infractured sections fracturing down to <2" Remarks: 559.5-565: 40% red-brown sand + pebble beds 301.3-302.1 red hem'd, pebbly sandstone/arkose -minor white calcite veinlets in fracture zones noted in structure -positive Fe test with K-Fe-cyan throughout -496.5: 1cm red qtz/fsp? + calc tr py vein 40 -457-472; at 543: hem stain sil'n + tr py in minor, irreg sand beds -559.5-565: 40% hem stained, sil'd + tr py in sand & pebble beds tr py here & there -see alt'n								
607	648.0	Paracongloomerate Similar to 453.9-607, but no sand in matrix; matrix grey brown clasts; 3%-8-10% rounded fig felsic, granite, dionite/gabbro from a few mm to 8cm -magnetic in places due to magnetic dionite/syenite clasts Structure: massive and unbedded moderately-strongly fract'd - speced? For <5cm up to 20cm; lost-ground core 7.5 ft lost between 607 & 616.8 due to 'mislatch' of core tube-not known if partly due fractured rock; fractureing at 80, 35, 0 Very weak hem stain pervasive & some fract control apparent; 2%, 1-2mm white calcite veinlets (cc-1) -positive Fe test in K-Fe-cyan isolated tr py 1%/0.5' at bottom	20046	616.80	620.00	3.20	10			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		630.5 a little fine bx -gouge bottom contact (unconformity) broken & some core ground								
648.0	767.1	Mafic flows (massive-foliated)	20047	664.50	669.50	5.00	17			
		Dark green fine grained; H = 3.5-4 assemblage of carb-chl etc.,	20048	702.00	707.00	5.00	34			
		695-710' moderately magnetic	20049	724.00	729.00	5.00	27			
		Structure: indistinct & flow structures throughout, pillow selvage at 687 & 699, 703-708; patches of amygdules? -moderate deformation (schistosity) at 40-45, only weakly, fractured except 648-652 with sections broken core: 683-685; broken with 0.5' lost/ground core x 729-733.5: broken with 2' ground core								
		Remarks: 648-652: strongly sheared with broken core 738-752 strongly deformed at 40-45 -probably sheared Bx with very elongated bx fragments								
		No reaction to K-Fe-cyan, 5-15% light grey calcite & calcite qtz veinlets; Qtz veins ~1%; cc-3 -a little dark chl in lower part minor py carc? Up to 3%/0.2' here & there probably in pillow selvages, tr py overall								
767.1	784.9	Diabase dyke								
		Dark grey, fg, ralatively morophitic? Texture; strongly magnetic								
		Structure: upper contact chilled at 30; lower contact obscured by broken care; 783-784.9 -finely broken core, some incipient bx'n with chl filling								
		Weak pervasive calc, cc-2								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-structure (not'd)/ well fol'd mafic vole? immediately above dyke when oriented EW & dipping steeply S, indicates at 345 +/- strike & 75-85 E dip to late? Diabase dyke								
784.9	802.4	Massive-foliated mafic flows	20050	792.20	797.20	5.00	22			
		As above; non magnetic	20051	797.20	802.20	5.00	14			
		Structure: massive or with indistinct flow structure; 796-802.4; banded-foliated								
		Moderate pervasive calcite + 5-8% calcite veinlets; cc-4/cc1								
		-minor red feldspar/calcite veinlets here & there between 796 & 802								
		Isolated tr py w?								
802.4	811.5	Fine grained diabase								
		As above; strongly magnetic								
		Structure: incipient bx'n with a little chl matrix; contacts chilled at about 5, unable to estimate str & dip of diabase dykes as mafic volc fol'n seams to be contorted -i.e. CA at top ~45 & at bottom 150								
		Weak Calcite veining; cc-1								
811.5	900.3	Foliated mafic volcanics	20052	820.00	825.00	5.00	5			
		med grey, fg, H = 4; mostly non-magnetic with moderately magnetic	20053	825.00	830.00	5.00	12			
		sections here & there -mainly from 824-832	20054	850.00	855.00	5.00	NIL			
		Structure: strong fol'n -banding	20055	893.40	897.00	3.60	7			
		-weakly schistose at 25-35	20056	897.00	900.00	3.00	12			
		-contorted in places 25-0-160								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Moderately pervasive calcite +5% calcite veinlets; cc4								
		-minor light grey qtz-calcite up to 1/2"/avg? At 892'								
		Tr diss (5 March 2003), py throughout								
		-minor conc'n? Up to 1% diss'n & bless? Eg 851-854								
900.3	908.0	Foliated mafic volc Bx	20057	900.00	904.90	4.90	2			
		Med grey dark green, fg, upper part strongly magnetic	20058	904.90	906.80	1.90	3			
		Structure: primary Bx rounded to -angular frag -looks like flow								
		bx: irregular deform'n -schistosity wrapping around frag'ts; 40-0								
		-minor gouge on 40 fract at 900.8'?								
		Remarks: 904.9-906.8 late diabase, contacts 7cc? & 45								
		Calcite -strong pervasive and 75% veinlets (cc 6), dark green chl								
		in Bx matrix </- 5% of rock, a little light brown bleaching/sil'n								
		of frag't?								
		0.5-1% diss py & minor bleb? Mainly in matrix								
908.0	928.5	Brown syenite -(altered foliated mafic volc Bx)	20059	906.80	910.00	3.20	NIL			
		As above 900.3-908 except for red-brown atl'n; H = 4.5-5 except	20060	910.00	915.00	5.00	NIL			
		matrix which is 3	20061	915.00	920.00	5.00	3			
		Structure: strong, contorted banding -schistosity from 20 to 0 to	20062	920.00	924.00	4.00	10			
		160, primary volc-bx	20088	924.00	928.50	4.50	NIL			
		Moderately pervasive Fe dol alt'n of fragments A-Z & veins								
		-moderately pervasive +5% veinlets calcite								
		-10% strong dark green chl in matrix								
		tr -1/2% diss py								
928.5	931.0	Foliated mafic volc Bx								
		As above 900.3-908								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Mod pervasive calcite; cc-4 + 5% veinlets								
931.0	938.0	Massive mafic flows Med dull green, fg, moderately mag'c Structure: indistinct flow struct's incl bx weak fol'n - schistosity at 40 Moderate pervasive +3-5% veinlets calcite tr diss py								
938.0	953.5	Foliated mafic volc + QV	20089	940.00	942.20	2.20	NIL			
		As above	20090	942.20	943.50	1.30	[illegible]			
		Structure: mod-strong fol'n -schistosity at 40-140 (contorted)	20091	943.50	945.00	1.50	3			
			20092	945.00	947.50	2.50	NIL			
		Calcite -mod pervasive +3% veinlets	20093	947.50	950.60	3.10	NIL			
		942.2-943.1 light grey slightly vuggy? Qv with tr py ragged outline at -65 tr diss py except around gr -see alteration								
953.5	996.5	Massive mafic flows (5)	20094	973.50	976.50	3.00	NIL			
		Dark green, fg, mod-strong magnetic throughout Structure: massive or with indistinct flow structures; pillow selvages? 990 -bottom shattered with calcite cement 995 - vesicles? Remarks: 966.5?, 990 2" & "" black strongly magnetic bands seem to mark pillow selvages								
		Mod-strong pervasive calcite +6% calc veins; cc 4, M4 974-975 blebs grey qtz + tr py + red fsp or jasper								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		tr diss py								
996.5	997.8	Thin banded iron formation	20095	996.20	997.80	1.60	NIL			
		dark & med grey thin bedded sediment-like, fg, includes 0.4'								
		basalt-like rock in middle & sed may be thick selvages & small								
		pillows?								
		Structure: 40-15 contorted								
		8% calcite veinlets + perv calc cc 3								
		-minor spots red fsp/ jasper								
		tr diss py								
997.8	1061.0	Massive -pillowed (?) Mafic flow	20096	997.80	999.50	1.70	NIL			
		as above; strongly to moderately magnetic: some calcitic -chl'c	20097	1018.30	1021.00	2.70	5			
		pillow selvages especially mag'c	20098	1038.30	1041.50	3.20	NIL			
		Structure: realtively massive pillow selvages (?) Here & there	20099	1041.50	1046.50	5.00	NIL			
		1008- 1050'; moderately-strongly fract'd with calcite cement:	20100	1046.50	1051.50	5.00	NIL			
		short sections fol'd at about 40	20101	1051.50	1056.00	4.50	NIL			
		Remarks: 1002.5-1004.1 -brownish calc'c lamp dyke	20102	1056.00	1061.00	5.00	NIL			
		4-5% light grey calcite veinlets; cc 1, weak perv calcite cc 2,								
		magnetic - M4								
		-light grey, blebby qv up to 0.6' with streaks red brown								
		jasperite + hairline veinlets spec hem + diss py at 999 x 1019.5'								
		-red brown streaks 1/8-1/2' + PY +/- HEM, every 2-3 ~1% overall								
		-minor dark chl with calc eg at 1039'								
		Minor conc py with qv schrages with jasperite streaks								
1061.0	1067.7	Mafic volcanics + qv stockwork	20103	1061.00	1063.00	2.00	5			
		As above; magnetic toward bottom								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Structure: mod-strongly frac'd + calcite cement								
		20% grey qv + fine calc stockwork, cc 3, a little dark chl with qv								
		-minor jasperite streaks with tr py								
		tr diss py								
1067.7	1129.0	Massive mafic flow	20104	1063.00	1068.00	5.00	NIL			
		As above, med grey-green, fg, H = 4: discontinuously strongly	20104	1068.00	1073.00	5.00	NIL			
		magnetic	20106	1073.00	1078.00	5.00	NIL			
		Structure: sections with weak fol'n/schistosity; moderately	20107	1078.00	1083.00	5.00	51	58		
		frac'd with calc cement	20108	1090.00	1093.00	3.00	7			
		-a little gouge on fractures at 1102 + 1111.5' at 45	20109	1103.00	1105.00	2.00	10			
		Weak Mg-Fe Carb test, 5% light grey calcite veinlets; light grey								
		qtz+/- jasperite +/- dark chl +/- calc at 1070, 1091.5; 1104.5								
		-streaks red brown jasperite (?), dark chl at 1091.5								
		tr diss py here & there								
1129.0	1146.0	Altered Fol'd Bx (alt'd volc or hur-con?)	20110	1131.00	1136.00	5.00	7			
		50-60% fine grained red brown angular -stretched felsic fragments	20111	1136.00	1141.00	5.00	51			
		from a few mm to 15cm -matric fg & chloritic; upper part only is	20112	1141.00	1146.00	5.00	17			
		moderately-strongly magnetic								
		Structure: strong schistosity & stretching of fragments at 40-0								
		-minor broken sections fragments shattered & recemented with calcite								
		Remarks: gradational into overlying mafic volc, but could be sheared conglomerate								
		Very strong pervasive calc atl'n/both felsic fragments & chl'c								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		matrix, strong chl in matrix; 3-4% calc veinlets								
1146.0	1149.0	Foliated, mafic rock (volc/dyke?) Dark grey, fg, H = 3.5-4; non-magnetic, no recognizable texture Structure: fine fol'n at 40 1147.5: 1/4" gouge/clay seam at 18 only a little broken & rubbly core -does not look like significant fault Remarks: could be sheared mafic dyke along fault, sheared mafic volc or sheared mafic boulder in Huronian Fault zone -strong ? Pervasive calcite +/- cc 4								
1149.0	1165.0	Paraconglomerate (Huronian) Med grey fine sand matrix -looks fsp-rich, Clasts: 15%; 2mm-8cm, red granite Feldspar prophyry, fg felsic, fg mafic Structure: massive unbedded lower contact irregular at 5, abrupt: short sections broken core near top Positive K-Fe-cyan test for Fe Carb tr diss py								
1165.0	1178.0	Massive red brown sandstone Med fine feldspar -qtz Structure: unbedded; moderately fract'd -short sections broken 1% calc veinlets; cc 1 tr diss py								
1178.0	1200.5	Fractured massive siltstone								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Dark red-brown-maroon, fg, H = 4; prob fsp & orgillacious? Material Structure: mostly massive *thickly bedded, a few thinbeds at 80 to as low as 60, strongly fratured, broken throughout with 30% of <1"; 1.6' lost/ground core 1188-1292 Positive Fe Carb test with K-Fe-cyan sol'n								
1200.5	1428.2	Grey-thin bedded siltstone/mudstone with red sandstone	20113	1260.00	1265.00	5.00	14			
		70-80% med-grey-brown grey siltstone/argillite? Beds (H = 4) at	20114	1265.00	1270.00	5.00	NIL			
		20-30% thin beds orange red, hand, fg qtz-fsp sandstone beds;	20115	1280.00	1285.00	5.00	NIL			
		non-magnetic	20116	1285.00	1290.00	5.00	10			
		Structure: thin bedding 65-75, some flow structure, load costs?	20148	1360.00	1365.00	5.00	5	15		
		Weakly fract'd in short sections broken core here & there	20148	1365.00	1370.00	5.00	7			
			20150	1400.00	1405.00	5.00	5			
		Positve Fe Carb test to K-Fe-cyan sol'n	20151	1405.00	1410.00	5.00	5			
		-red stain (hem) in sandy beds either primary or alteration??	20152	1410.00	1415.00	5.00	7			
		~ ¨% fine calc (cc 1) veins	20153	1415.00	1420.00	5.00	3			
		tr diss py in hem'c, sandy beds	20154	1420.00	1423.00	3.00	3			
		1262.5 minor spec hem								
		tr to ¨% py in vuggy? Calcite veinlets at 1415								
		1257-1260 well broken & lost core 1302-1311; 1377-1378 finely broken; a few drop stones incl' 8cm feldspar purple/purple syenite at 1242" 1343-1374 scattered pebbles including some drop stones Bedding: 1350-1400-70 1401-1422 xcutting veinlets bright orange-red hem stain (compared to dull red of sandy beds;) (jasperite)								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
		1415-1428.2 sections of finely broken core								
1428.2	1431.3	Ortho-conglomerate + arkose Pink-red coarse grit red feldspathic rocks, angular syenite clasts up to 3cm ore?, 10cm pink granite cobble Structure: bedding at 80 moderately fract'd some parallel to core Red hem stain -mainly primary Isolated tr py in sandy beds 1430.1-1430.6 thin bedded grey sst? + med ss? 1430.6-1431.3 dull red-brown sandstone								
1431.3	1464.6	Paraconglomerate/pebbly greywacke matrix Med brown-grey silt -fine sand with scattered qtz & fst sand grains (grey wacke) -clasts: 5% m-cg red feldspathic 5mm to 2cm, sparse fg mafics; mg feldspar porphry, 10cm cobble pinte? Syenite at 1453.5 Structure: massive, unbedded sections broken core (<2") between 1431 & 1446 Positive Fe Carb test with K-Fe-cyan sol'n -sparse 1-2mm jasperite veinlets with minor py here & there throughout, with best 1436.6-1441' Tr diss py	20155	1436.50	1441.50	5.00	10			
1464.6	1469.8	Orthoconglomerate with paraconglomerate Structure: bedding(?) In paracongl at 70 lower contact (broken) at 45								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Minor mm size jasperite veinlets								
		1464.6-1467.2 orthocongl with 50% pink-red syenite granite, FP -? -to sand matrix 1467.2-1469.8 dark grey fg sand matrix +5% pebbles								
1469.8	1586.5	Fine grained diabase Dark grey-green, relatively fg </- 1mm; fresh ophitic? Texture -moderately-strongly magnetic, finely speckled with 203% magnetite Structure: massive -no penetrative deformation; weakly fract'd at 45, & 30 -lower contact chilled against 'dolcite'? Dyke at 15-20								
		Gives positive Fe Carb test with K-Fe-cyan sol'n ??? -minor calc veinlets -a little epidote as veinlets & pervasively tr -1/2% diss py								
1586.5	1609	Intermediate dyke Med dull grey, fg, H = 45-5.5, mainly feldspar with some fine qtz; non-magnetic texture, granular with scattered 0.5mm biotite phenocrysts -somewhat vitreous? Structure: massive, uniform lower Ct schistose at 20 sparse small angular chl'c inclusions Remarks intermediate or lamprophyre-type dyke	20191 20192 37445 37446	1587.00 1592.00 1597.00 1602.00	1592.00 1597.00 1602.00 1607.00	5.00 5.00 5.00 5.00	7 7 NIL NIL	14		
		3% calicte veinlets; cc 1 -blue stain with K-Fe-cyan sol'n tr -2% of diss py (14 march 2003) -diss euhedral up to 1mm minor veinlets to 3mm at 1594' minor py								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-36

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		with chl'c inclusions								
1609	1617.4	Deformed mafic-intermediate fragmental	37447	1607.00	1610.00	3.00	NIL	NIL		
		70-805 dark grey fg chl'c matrix with 20-30% light grey	37448	1610.00	1614.00	4.00	24			
		(internal-felsic) lapeth?-clasts 1-8mm & clast near bottom 2 x 20cm								
		Structure: schistosity, fragment elongation at 15-20, strong schistosity/clast elongation at 15-35; -/ft broken at upper contact due to low angle schistosity								
		Remark: some of light grey 'clasts' are strongly calcite & may be deformed veinlets -probably xenolityh in intermediate dyke								
		Weak blue stain with K-Fe-cyan sol'n; 2% calc veinlets & a little pervasive calc; cc 1								
		tr diss py								
1617.4	1633.3	Intermediate dyke	37449	1614.00	1618.00	4.00	9			
		As above; 2-3% small, angular, fg chl'c mafic clasts & streaks	37450	1618.00	1623.00	5.00	2	NIL		
		along schistosity	37451	1623.00	1628.00	5.00	3			
		Structure: mafic streaks -weak schistosity of 15-30 mostly massive, uniform	37452	1628.00	1633.00	5.00	2			
		2-3% calc veinlets -weak blue stain with K-Fe-cyan								
		tr py diss with mafic clasts								
		-minor cone @ 8 tr py/1" as selvage to conformable calcite veinlet at 1617.7'								
1633.3	1646.2	Fine grained diabase	37453	1633.00	1638.00	5.00	2			
		Dark grey-black, fine grained throughout; some fresh acicular?	37454	1638.00	1643.00	5.00	9			
		Fsp apparent in middle; moderately-strongly magnetic; H = 6	37455	1643.00	1646.10	3.10	NIL			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Structure: upper Ct chilled at 15 assuming fol'n strikes EW & dips steeply, then diabase strikes NNE/ & dips steeply E; lower Ct -at about 10 (?) In broken section								
		2% calc veinlets; cc1 -weak blue stain with K-Fe-cyan sol'n 2% 0.5/1mm diss py								
1646.2	1650.3	Fractured altered porphyritic syenite + mafic volc Structure: upper part fol'd at 20, contorted; sections finely broken Remarks: syenite or altered feldspar porphyry	20193	1646.10	1650.00	3.90	72			
		1-2cm grey cal +/- qtz along schistosity 8%/ 2' (1646.2-1648) -a little dark chl pervasively & on fractures tr py as scattered 1-3mm grains								
		1646.2-1648.0 fg mafic rock incl some mafic fragmented as described 1609-1617 1648.0-1650.3 dark-med grey with very indistinct-ghosts/outline of cg fsp (?) -scattered 4mm fsp phenocrysts at bottom; non-magnetic								
1650.0	1659.0	Altered grey porphyritic syenite Med grey felsic rock, either fg matrix, strongly fractured with 3-6mm rounded fragments surrounded & recemented by chl + scattered 4-5mm subhedral fsp or/ eg granitoid rock with intergranular chl? Structure: massive uniform -possibly finely bx'd granulated??	20194 20195	1650.00 1653.00	1653.00 1658.00	3.00 5.00	2 NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Mod-strong perv calcite + minor calc veinlets; cc 4 -weak intergranules or bx matrix chl 1-2% diss & small blebs py								
1659.0	1672.7	Pink porphyritic syenite Dull brown pink -similar texture/structure to pervious unit, 2- 55, 3-4mm subhedral fsp, H = 6 Structure: massive -weak foliation at 40 at lower Ct; finely fractured & recemented with calcite or chl Remarks: upper Ct gradational & arbritary	20196 20197 20198	1658.00 1663.00 1667.00	1663.00 1667.00 1672.00	5.00 4.00 5.00	3 10 45			
		Pervasive, intergranular calcite & med green chl, cc 4 -weak hem stain 1-2% diss py								
1672.7	1675.6	Fine grained ultra-mafic Dark green-black, carb chl +/- -serpentine (?), H = 3-3.5 & strongly magnetic Structure: fol'd at contacts at 45 Remarks: xenolith in syenite	20199 20200	1672.00 1673.00	1673.00 1675.60	1.00 2.60	77 81	105		
		Pervasive strong carb chl -no blue stain with K-Fe-cyan tr diss py								
1675.6	1685.2	Pinic Porphyritic syenite As above 1659-1672.7?, non-magnetic; some orange-red sections Structure: massive, finely fract'd -incipient bx'n with dark chlorite cement eg at 1684-1685	20201 20202	1675.60 1680.00	1680.00 1685.00	4.40 5.00	247 132	225		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Mod perv & weak calc veinlets 2% hard -probably has weak pervasive quartz, fine qtz veining at ¯" @ 1673, minor veins 1679'								
		-no blue stain with K-Fe-cyan sol'n								
		0.5-1% diss py some conc'd in orange-red sections & isolated qv selvages								
1685.2	1698.5	Grey porphyritic syenite ("brown syenite")	20203	1685.00	1690.00	5.00	31			
		Grey fg matrix with 4-55 2-6mm subhedral fsp phenocrysts, H = 5	20204	1690.00	1695.00	5.00	69			
		(softer than pink Syenite)								
		Structure: only weakly fractured								
		Weak pervasive cal; cc 2								
		1% veinlets calc								
		isolated tr diss py, minor veinlets py, minor conc'd at 1697'								
1698.5	1718.5	Porphyritic intermediate dyke ("basic syenite")	20205	1695.00	1700.00	5.00	135			
		Grown-grey fine grained, granular textured, fsp-rich matrix with	20206	1700.00	1705.00	5.00	NIL			
		5-7% 0.5-2mm rounded chl'd mafic (hornblends) and 1-2% 2-5mm	20207	1705.00	1710.00	5.00	15			
		anhedral to subhedral fsp non-magnetic, H = 5	20208	1710.00	1715.00	5.00	21			
		StructureA: weak fol'n -alignment of mafic phenocyrsts & weak schistosity at 40-45 sparse fractures at 15								
		Remarks: contacts not defined & look gradational, pervasive calc atl'n suggest that this was an intermediate-basic rock								
		Mod-strong pervasive calc; cc 4-6								
		-very weak hem stain								
		¯-15 py diss & as minor veinlets, most is cubic								
1719.5	1766.3	Altered intermediate FP ("brown syenite")	20209	1715.00	1720.00	5.00	17			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Med grey, dark brown-red fine grained fsp rich matrix with 1-2%,	20210	1720.00	1724.00	4.00	54			
		2-5mm subhedral fsp phenocrysts: very few phenocrysts in bottom	20211	1724.00	1728.00	4.00	21			
		10-12' -3-6mm clusters of fg fsp separated by chl -either altered	20212	1728.00	1732.00	4.00	15			
		cg rock or incipient bx'n & recemented non-magnetic; unit	20213	1732.00	1737.00	5.00	19			
		identified on basis of sparse fsp -phenocrysts	20214	1737.00	1740.00	3.00	57	94		
		Structure: fine 'chicken-wire' structure remnant cg texture or	20215	1740.00	1743.00	3.00	21			
		incipient bx'n	20216	1743.00	1748.00	5.00	24	15		
		1733-1735 bine bx'n with chl matrix	20217	1748.00	1753.00	5.00	14			
		1765-1766 finely broken core	20218	1753.00	1758.00	5.00	17			
		Remarks: 1722: minor angular mafic incl: unit may include some	20219	1758.00	1763.00	5.00	9			
		intermediate dyke as described 1617-1633	20220	1763.00	1766.20	3.20	7			
		1765-1766.3 fg mafic rock?								
		Strong pervasive calc throughout								
		-weak-mod chl on fractures & bx matrix								
		1737-1743 strong perv sil'n and hem stain								
		0.5-3.0% diss py								
1766.3	1787.0	Banded chlorite-carbonate schist (ultramafic)	37456	1766.20	1769.40	3.20	NIL			
		Alternating thin dark green chl-rich and light grey calcite-rich	37457	1769.40	1772.60	3.20	26			
		layers, possible sheared bladed spinefex at 1782' non-magnetic to	20221	1772.60	1776.80	4.20	22			
		very weakly magnetic in isolated places	20222	1776.80	1779.00	2.20	3			
		Structure: strong contorted schistosity at 35-40 2nd schistosity	20223	1779.00	1784.00	5.00	7			
		near parallel to core at 1767.5	20224	1784.00	1787.00	3.00	2			
		-thin gouge seams along schistosity at 1769, 1786								
		-minor (0.5') broken core at bottom								
		Remark: 1776.8-1779 alt'd gwk								
		Strong pervasive calcite; cc 6 + calcite & calc-qtz layers and								
		partings, strong chl								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		minor conc py, bead-like along banding								
1787.0	1800.3	Greywacke (?), minor argillite/chl schist	20225	1787.00	1792.00	5.00	33			
		Med grey fg -(siltsize), H = 4, looks fsp rich (+ carb), non-	20226	1792.00	1797.00	5.00	46	46		
		magnetic; thick bedded								
		Structure: more massive arenite parts have weak fol'n -argillites								
		strong schistosity/cleavage, fol'n? -schistosity 35-40								
		Remarks: argellite/chl schist layers 3" at 1789; 1790.7-1792.1;								
		high calc content suggest this is high felsic sediment or altered								
		bleached mafic igneous rock; beginning of "Temiskaming sed's"								
		Strong pervasive calc								
		-minor qv up to "" 1789-1791.5								
		tr -1% py as scattered grains & streaks along foliation								
1800.3	1808.5	Greywacke with argillite/chl schist	20227	1797.00	1802.00	5.00	29			
		As above, included grey siltstone: about 50:50 grey wacke &	20243	1802.00	1807.00	5.00	29			
		argillite/siltstone: gwk?, H = 4.5								
		Structure: schistosity/bedding 30-40								
		Strong perv calc of sand/silt beds								
		-weak blue stain with K-Fe-cyan								
		0.5-15 py diss & as veinlets along fol'n								
1808.5	1857.0	Massive greywacke	20244	1807.00	1812.00	5.00	77			
		Med grey; a few % qtz sand in qtz-fsp? Silty matrix, H = 4.5-5.0,	20245	1812.00	1815.80	3.80	55			
		non-magnetic	20246	1815.80	1818.00	2.20	101	70		
		Structure: massive & weakly fol'd bedding/fol'n avg 35-40 varies	20247	1818.00	1823.00	5.00	24			
		from 25-45	20248	1823.00	1828.00	5.00	24			
		Remarks: 1813.5-1814.9 polymutic? Felsic lapilli? Tuff	20249	1828.00	1833.00	5.00	10			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1850.6-1850.8 and 1851.1851.6 wispy lapilli tuff	20250	1833.00	1838.00	5.00	36			
		-lapilli are fg felsic rock; a lot of the sand & silt appears to	37458	1838.00	1843.00	5.00	39			
		be feldspar; seems likely unit is a distal intermediate - felsic	37459	1843.00	1848.00	5.00	19	21		
		tuff	37460	1848.00	1853.00	5.00	26			
			37461	1853.00	1857.00	4.00	24			
		Minor hairline calc veinlets; cc 1								
		-mod blue stin with K-Fe-cyan								
		py diss beads along bedding ~2%								
1857.0	1862.5	Argillite-siltstone	20251	1857.00	1860.00	3.00	48			
		dark grey green, H = 3.5=4.5; gradatinal contacts: minor lapilli								
		tuff beds								
		Structure: thin bedded 7 cleavage/schist 35-40								
		Weak blue stain with K-Fe-cyan								
		2-3% py as blebs clusters along bedding & diss								
1862.5	1883.0	Massive greywacke	20252	1860.00	1863.00	3.00	29			
		As above 1808.5-1857.0, non-magnetic	20253	1863.00	1867.50	4.50	12			
		1862.5-1868 a fe thin argillite beds & partings	20254	1867.50	1871.00	3.50	2			
		Structure: bedding/cleavage 20-30	20255	1871.00	1873.00	2.00	5			
			20256	1873.00	1875.00	2.00	17			
		Irregular qv with calc 0.15' at 1872 on 0.4' at 1876.5	20257	1875.00	1878.00	3.00	14			
		-minor calc veinlets, weak blue stain with K-Fe-cyan sol'n	20258	1878.00	1883.00	5.00	2			
		Tr -1% py diss & concentrations along argillite beds								
1883.0	1890.5	Argillite/lean iron formation- siltstone Bx	20259	1883.00	1887.00	4.00	118	117		
		50% dark green-black, fine strongly magnetic, black, fg chl	20260	1887.00	1890.50	3.50	72			
		material as matrix to rounded deformed siltstone 7 streaky								
		deformed beds								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-silt part H = 5; chl parts H = 3								
		Structure: bedding/schistosity 30'								
		Little or no alt'n								
		blebs streaks, clusters cg py 6-10% overall								
1890.5	1921.5	Greywacke with argillite	37462	1890.50	1894.40	3.90	12			
		90% med-light grey fsp-quartz sand to silt, H = 5	37463	1894.40	1899.00	4.60	NIL			
		-thin, black, moderately magnetic chloritic beds same primary	20261	1899.00	1904.00	5.00	201			
		soft sediment structures (flames -load casts?) At 1895 suggest	20262	1904.00	1909.00	5.00	78618		2.633	2.218
		tops to N	20263	1909.00	1914.00	5.00	423			
		Structure: both sand part and part with argillite beds, thickly	20264	1914.00	1919.00	5.00	211			
		bedded at 30 to 25, contorted near bottom -some beds at 00,	37464	1919.00	1921.50	2.50	21			
		strongly deformed with disrupted beds								
		Remarks: 1893 rounded 2cm pebble fg felsic rock								
		Little -no alteration								
		Variable diss of py from nil to lean diss up to 5-7%/ 1.5 ft with								
		argillite/I.F. beds								
1921.5	2481.5	Diabase dyke	37465	1921.50	1926.50	5.00	NIL			
		Dark grey-green, fine grained at contact(s) with up to 1 or 2mm								
		fsp laths? In middle; good ophitic texture speckled with about 2%								
		magnetite, strongly magntic except near contact(s)?								
		Structure: massive uniform, no penetrative deformation; upper								
		contact a thin bx -both dyke & wall rock brecciated								
		-most of dyke only weakly fractured								
		-sections finely broken core								
		Remarks: 2299.5-2300.5 long, wispy, fg mafic/um inclusions								
		2362-2369 fg mafic inclusions and/or								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Very weak clay alt'n?? Of feldspars -light grey to white makes texture obvious -minor black chl on fract's especially close to contact(s) -sparse epidote +/- calcite +/- chl veinlets up to "" very rare veins pods to 4"; very sparse light grey qv eg at (986; 2043-2076') -red feldspar + mior calc & tr py veinlets up to 2cm near upper contact & 1943-1950 tr -0.5% inerstitial? Py throughout 1937.5-1940 (frag < "") 2251.6-2253.0 finely broken & a little gouge at 30-minor fault; apparent change in grain size across fault from fg above to med grained below; 2263-2273 mod fract'd with fract every 0.5-0.2 ft 2344 0.3 ft broken core chl fract's at 45 2460.5 0.5 ft broken + chl fract's at 15 Driller Note: check rods in sloop & note that top has 3m (metric) rods & bottom has imperial (10 ft) rods, seems likely metric rods used to 1712.6 (522m) +/- & then switched to imperial rods -measured core/rim? 1712.6-2145.7 = 438.1 vs 433.1 if assume rods used (for 1712.6-2145.7') were metric: difference noted in measured core is about 5' as it should be								
2481.5	2520.2	Altered fg diabase As above except for alt'n; only moderately magnetic Structure: most in massive & without penetrative deform'n upper contact arbitrary; lower contact at 25, if assume foliation in	37434	2515.00	2520.00	5.00	5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		adjacent sediments strike E-W and dip steeply S then diabase strike N-S (≈/-) & dips steeply W								
		10% streaks veinlets epidote + calc +/- black chl at preferred orientation of 30-45 - a little chl on fract, only weakly altered overall " interstitial py								
2520.2	2579.7	Bedded-massive greywacke + intermediate tuff	37435	2520.00	2521.00	1.00	171	221		
		Med grey, dark grey, massive & uniform to mottled or bx-like,	20353	2521.00	2526.00	5.00	341			
		H = 5, fine grained, mostly silt-like (matrix) with 0-10% qtz	20354	2526.00	2531.00	5.00	381			
		sand matrix is feldspar-rich	20355	2531.00	2536.00	5.00	265			
		Structure: thin bedded to massive, fol'd	37436	2536.00	2541.00	5.00	27			
		2522: 15, 2537: 150, 2545: 00, 2555: 10, 2573: 00	37437	2541.00	2546.00	5.00	207			
		Remarks: sections of intermediate tuff -lithic wispy lapilli from	37438	2546.00	2551.00	5.00	50			
		a few min to 1.5cm as follows: 2526.5-2527.5, 2542.2-2547,	37439	2551.00	2556.00	5.00	36			
		2553.5-2554.5, 2569-2972; because unit is feldspar-rich &	37440	2556.00	2561.00	5.00	36			
		contains some definite tuff beds, suggests whole unit may be	37441	2561.00	2563.00	2.00	NIL			
		distal waterlain Tuff; minor lapilli tuff elsewhere throughout	20356	2563.00	2568.00	5.00	82			
		unit	37442	2568.00	2573.00	5.00	38			
			37443	2573.00	2578.00	5.00	21			
		Calcite as strong, strong pervasive alteration & a few %	37444	2578.00	2579.70	1.70	27			
		veinlets; streaks chl from top - 2547' "-2% streaky blebs diss py								
		2579.7 ft EOH								
		Drilling Note: 1. End of hole block is 2568.9' (763m), end of hole from carefully measurement of core = 2579.7 ft. Discrepancy in core measured and block first noted between block								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

1712.6-1722.4' (extra 1.0 ft), at about 1860 discrepancy = 2 ft +/- , at 2372 block discrepancy = 8.1', at EOH block 2568.9 discrepancy 10.8 ft
Error believed due to use of mostly imperial (10 ft) rods after 1712 instead of metric rods: at end of hole driller (foreman, Henri Durette) counted rods in drill string as follows:

Imperial rods (10')	101 = 1010 ft
Metric rods 3 metre	155 = 1525.59 ft
Core barrel	23.6 ft
Long shell	0.8 ft
Total	2559.19'

Also noted that only 3 imperial rods used before about 1780 +/-?? And thereafter they are mixed!! Therefore uncertainity in depth of hole between 2559 ft and 2579.7 ft
Footages used in log base on core measurements. These are tied to blocks within first few 100's ft and these measurements are reasonably consistent with block units? About 1712'; thoguht imperial rods were mised with metric someplace above 1712 and then mostly imperial thereafter. Rods in scoop both imperial & metric when checked at about 2400' depth.

General Remarks:
1. Huronian/archean unconformity cut at 648 ft and again at 1470 ft believed to be duplicated by NNE striking 63 E dipping fault through Davidson CK?. Below this fault (1150') rocks appear to be in block west of this fault. Appears to be reverse fault with about 800 ft throw on

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

unconformity.

2. 'Syenite'-type rock cut 1646-1766 ft. 'Syenites' only
weakly altered and mineralized.
1695-1700' significant py may carry low ? Values
1747-1743 quartz veining + "% py and moderate hem + carb
alteration may carry low ? Values

3. North contact of 'syenites' with sediments at 1787.0 ft

A.W. Beecham
21 March 2003

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
8.20	-80.00+	357.20+
16.40	-80.00	357.20
50.15	-79.80+	
83.90	-79.80	357.00+
185.60	-79.80+	356.80+
287.30	-79.80	356.80

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
484.20	-79.70	356.70
582.60	-79.30+	357.80+
681.00	-79.30	357.80
776.15	-78.40+	356.20+
871.30	-78.40	356.20
979.60	-78.10+	353.20+
1087.90	-78.10	353.20
1186.30	-78.30+	355.90+
1284.70	-78.30	355.90
1383.15	-77.40+	356.00+
1481.60	-77.40	356.00+
1560.30	-76.70+	
1639.00	-76.70	356.00+
1738.50	-76.40+	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37
Collar Eastings: 7291.59
Collar Northings: 2164.95
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 4-7/03

Collar Inclination: -45.00
Grid Bearing: 55.00
Final Depth: 401.50 feet
POWELL TP.; CLAIM: MR 5401 XL26+73NE, 19+97NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 7, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0	24.3	Casing BW casing reamed down to 30ft, all casing left in place								
24.3	56.6	Massive mafic flow/mafic intrusion Colour medium green-grey, moderately hard, moderately to strongly magnetic, non-calcitic groundmass. Massive fine to medium grained texture is defined largely by 0.1-1.0mm sized grains and patches at yellow-green material (Altered plagioclase?) In a very very fine grained to aphanitic groundmass. -Lower contact is gradational over 203 ft, with the grain size beginning to decrease at 55 ft through to 57.0 ft where the colour changes to a lighter green-grey. This unit may represent central portions of a mafic flow. Calcite veining is present in 3-5% abundance, occurring mostly as thin veinlets ranging from 1-5mm in thickness and are oriented at all angles to CA 5 mm thick cc-mt-(qtz) veinlet noted at 48.0 ft (60 dca), 102mm wide magnetite stringer noted at 48.3 ft(60 dca). 1 cm wide qtz-epidote-cc veinlet noted at 48.1 ft C0, M4-6 rare diss fine grained euhedral pyrite for the most, rare fracture-controlled (90 dca) pyrite								
56.6	104.1	Mafic volcanic flow	20063	66.00	71.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium green-grey, moderately hard, moderately calcitic,	20064	71.00	73.00	2.00	7			
		mod. to strongly magnetic. Massive aphanitic texture for the	20065	73.00	76.00	3.00	9			
		rest part, with only a few short sections displaying a very wkly	20066	76.00	81.00	5.00	2			
		developed fabric that is defined by chloritic-rich bands +	20067	81.00	86.00	5.00	5			
		patches.	20068	86.00	91.00	5.00	3			
		-lower contact is gradational over 1-2 ft and is chosen as a	20069	91.00	96.00	5.00	NIL			
		noticeable decrease in the grain size. Flow contact observed at	20070	96.00	101.00	5.00	45	39		
		76.0 ft (50 dca) weakly developed chlorite-filled amygdules	20071	101.00	104.10	3.10	14			
		observed in the 72-74 ft section								
		-cc veining is present in 1-3% abundance, occurring mostly as								
		thin (1-3mm) veinlets oriented at all angles to CA. These cc								
		veinlets are typically associated with a chlorite-pyrite								
		assemblage and occasionally are dominated by magnetite (eg 64.1								
		ft). Additional magnetite stringers/veinlets noted at 812 ft								
		(wavy form) and at 86.7 ft (mt-cc veinlet (1cm), irregular shape)								
		M4-6 from 56.6 to 81 ft becoming M2-4 from 81-104 ft								
		C0 in the 56.6 to 81-104 ft								
		CA from 81-104 ft								
		-chlorite alteration increases in the 82-104 ft interval,								
		occurring as irregular veinlets/patches, discrete veins (eg 25.7								
		ft) and in close association with calcite veinlets & patches								
		overall chlorite abundance estimated at 10-15%								
		-trace -15 pyrite is typically associated with calcite-rich								
		veinlets, occurring as fine, very fine grained subhedral								
		disseminations. 7-10%very fine to medium grained anhedral to								
		subhedral disseminated pyrite is hosted in a calcite-chlorite								
		section at 74.0-74.4 ft								
104.1	303.1	Mafic intrusive/massive flow	20072	104.10	106.00	1.90	21			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour med. green, moderately hard, strongly magnetic, weakly to	20073	106.00	111.00	5.00	NIL			
		moderately calcitic, fine to med. grained porphyritic texture is	20074	111.00	116.00	5.00	NIL			
		defined by fg magnetite phenocrysts set in an aphanitic	20075	156.00	161.00	5.00	NIL			
		matrix. Upper contact is gradational over 102 ft & this unit may	20076	161.00	166.00	5.00	3			
		represent the core of a mafic flow.	20077	166.00	171.00	5.00	5			
		-calcite veining & patches is roughly 15% in the 104.1-116 ft	20078	171.00	186.00	15.00	3			
		interval, decreasing to 3-5% below 116 ft.	20079	186.00	192.00	6.00	7			
			20080	192.00	195.00	3.00	5			
		C2-4 104.1-139 ft becoming c1 in the 139-182 ft section	20081	195.00	201.00	6.00	3			
		182-215 ft: C0	20082	201.00	206.00	5.00	7			
		215-234 ft: C1	20083	206.00	216.00	10.00	9			
		-strongly magnetic (M6) 104-214, becoming M4: 214-239 ft	20084	216.00	221.00	5.00	5			
		trace diss pyrite (fine grained)	20085	221.00	223.90	2.90	15			
			20086	223.90	226.00	2.10	5			
		125.3-129.6 section of blocky core, maximum size of fragments are	20087	226.00	231.00	5.00	NIL	3		
		0.4ft. Depth measurements suggests 3.7 ft of core was lost in	20117	271.00	276.00	5.00	24	22		
		this section.	20118	276.00	281.00	5.00	2			
		-thin (3mm) magnetite stringers rotated at 123.5 ft	20119	296.00	301.00	5.00	NIL			
			20120	301.00	303.10	2.10	NIL			
		221.0-221.5 10% disseminated fg anhedral pyrite contained								
		within a moderately to strongly foliated section. Abundant (75%)								
		calcite core angle: 50 to CA at 221.0 ft. foliation								
		10% fine grained disseminated pyrite								
		238.5-252 moderately to strongly foliated section is defined by								
		oriented cc-rich bands & patches as well as thin (1mm) chloritic								
		stringers, strongly magnetic								
		Core angle: 130 to CA at 243.5 ft foliation								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M6, c0 -no significant mineralization 252-303.1 abundance of calcite decreases and degree of foliation decreases also chloritic stringers/stockworking is readily visible, mostly oriented at a low core angle. 10-15% fine to medium grained leucoxene is disseminated throughout the section -core angle: 160 to CA at 267 ft: foliation -core angle: 125 to Ca at 303.1 ft: intrusive contact 252-276 ft: M6, c0, A0 276-296 ft: M4, c0, A0 296-303 Ft: M2, c4, A0								
303.1	344.8	Mafic tuff	20121	303.10	306.00	2.90	NIL			
		colour light green-grey, moderately soft, non-magnetic,	20122	306.00	311.00	5.00	NIL			
		moderately calcitic, very fine grained, moderately to well	20123	311.00	316.00	5.00	17	12		
		developed foliation/bedding textures being defined by alternating	20124	316.00	321.00	5.00	2			
		bands at an aphanitic dark grass green and lighter green-grey	20125	321.00	326.00	5.00	NIL			
		coloured material	20126	326.00	328.00	2.00	NIL			
			20127	328.00	332.60	4.60	NIL			
			20128	332.60	336.00	3.40	NIL			
		Calcite flooding in the form of matrix disseminated bedding -	20129	336.00	341.00	5.00	NIL			
		parallel bands, discontinuous patches/wisps and irregular str's	20130	341.00	342.80	1.80	3			
		is readily observed. Overall calcite abundance estimated at 10%.	20131	342.80	344.80	2.00	5			
		Boudinage and ptygmatic textures suggest this unit has undergone shortening. 328.0-332.6 ft: M0, c6, A2								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1-3% medium-course grained euhedral pyrite is present throughout interval. Pyrite occurs in association with calcite flooding								
		-core angle: 150 to CA at 330 ft: foliation								
		-core angle: 115 to CA at 322 ft: foliation								
		-core angle: 15 to CA at 326.5 ft: crenulation cleavage								
		328.0-332.6 weaky foliated mafic intrusive, weak crenulated cleavage at 0 to CA observed at 331.0 ft, 1-3% chloritic stringers, 1-3% calcite -(pyrite) veinlets								
		332.6-341.1 mod to strongly chlortized mafic tuffs. 3% calcite -(pyrite) veinlets & foliation -parallel bands/wisps. Minor quartz tested in a 1cm wide veinlet rotated at 340.5 ft								
		Chl 4-6, c6, A0-2								
		1-3% fine to coarse gr. anhedral to euhedral disseminated pyrite								
		341.1-342.8 leucoxene -rich mafic dyke 15-20% fine diss leucoxene grains, trace calcite -pyrite veining								
		-core angle: 150 to CA at 342.8 ft: intrusive contact								
		-core angle: 145 to CA at 344.8 ft: contact								
		C6, A0								
344.8	401.5	Ultramafic unit	20132	344.80	349.00	4.20	NIL			
		Colour variable from a medium green-black to black, soft, non-	20133	349.00	352.40	3.40	NIL			
		magnetic, non-calcitic. Generally a massive aphanitic texture,	20134	352.40	354.30	1.90	NIL			
		containing a few short foliated sections (eg 356.5 ft)	20135	354.30	356.00	1.70	NIL			
		-core angle: 145 to CA at 356.5 ft: foliation	20136	356.00	361.00	5.00	NIL			
		-core angle: 0 to CA at 356.5 ft: crenulatic cleavage	20137	361.00	366.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			20138	366.00	370.50	4.50	5			
		Overall c0, M0 except as described below	20139	370.50	372.80	2.30	5			
		Trace -1% disseminated coarse grained euhedral pyrite	20140	372.80	376.30	3.50	NIL			
			20141	376.30	378.80	2.50	NIL			
		351.0-354.4 ft section of calcite flooding. Overall calcite	20142	378.80	380.30	1.50	NIL			
		abundance estimated at 25-30%, occuring as irregularly shaped	20143	380.30	383.70	3.40	NIL			
		patches and bands that are oriented at a high angle to CA	20144	383.70	386.00	2.30	2			
			20145	386.00	391.00	5.00	NIL			
		C0, A2, M0	20146	391.00	396.00	5.00	NIL			
		-no significant pyrite observed	20147	396.00	401.50	5.50	NIL			
		360.5-361.5 short section of hair-thin chlorite stringers that								
		are wavy in form, but oriented at 0 to CA								
		361.5-383.7 zone of calcite veining and brecciation. Overall								
		cc abundance estimated at 25%, however some short sections of 1								
		foot or so can contain 50% calcite. This calcite mineralization								
		occurs mostly as a series of thin veinlets (1-3cm) that are								
		oriented at a high angle to CA. A brecciated section containing								
		1-5cm sized ULTRA MAFIC fragments in calcite matrix is present at								
		378.2-389.2 ft								
		-core angle: 105 to CA at 373 ft: calcite veining								
		-core angle: 90 to CA at 373.7 ft: calcite veining								
		-core angle: 150 to CA at 375 ft: calcite veining								
		C6, A0, M0								
		-no significant pyrite								
		401.5 ft EOH -Drillers rpt 406 ft								
		Logged by Reno Pressacco								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-37

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

March 7/03
on site

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
100.40	-44.00	59.90
149.60	-44.50+	
198.80	-44.50	
248.00	-45.70+	56.50+
297.20	-45.70	56.50
346.45	-46.50+	57.00+
395.70	-46.50	57.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38
Collar Eastings: 6342.02
Collar Northings: 2720.84
Collar Elevation: 7970.00
Grid: 2002 Imperial
Boyles 25 Dates: March 7-8/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 202.00 feet
POWELL TP.; CLAIM: MR 5380 XL 22+00NE, 29+95NWBQ Core by Heath & Sherwood (1986
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 14, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	21.8	Casing all casing left in place								
21.8	24.3	Weakly foliated mafic intrusive(?) Colour medium green-grey, becoming dark green-black near lower contact, moderately hard, non-magnetic, non-calcitic. Massive to weakly foliated, very fine grained texture. Foliation is defined by alignment of very, very fine grained (0.1mm) light coloured specks. -core is somewhat blocky down to 23.4 ft, with limonitic coatings along fracture planes. -trace calcite-rich veinlets/stringers to 1-3mm in width. Sharp lower contact -core angle: 130 to CA at 24.3 ft: contact Chl 0 (21.8-23.4), chl 4-6 (23.4-24.3), c2, A0 (21.8-24.3), M0 (21.8-24.3) -no significant pyrite observed	20156	21.80	24.30	2.50	10			
24.3	25.7	Alteration zone colour light grey, very hard, non-magnetic, non-calcitic. Mostly massive, aphanitic texture, with occ. wkly foliated sections to 1-2cm. Suspect alteration is a result of silica-albite deposition -core angle: 35 to CA at 25.7 ft: alteration banding	20157	24.30	25.70	1.40	15	12		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-5-7% calcite-ankerite veinlets/stockwork thro. the section, oriented at angles from 80 to 125 to CA. These veinlets / stockworks are thin + discontinuous, reaching 1-3mm in width. Many of these veinlets contain trace amounts of a dark-green chlorite. Lower contact contains several weathered crack/fractures.								
		Sil-alb 6 c2, A2, M0 1-3% diss. fine to medium grained euhedral pyrite. Minor to trace amounts of anhedral pyrite								
25.7	35.6	Massive to weakly foliated mafic intrusive(?) Colour dark green, moderately hard, non-magnetic, weakly calcitic. Massive to weakly foliated texture is comprised of dark green chloritic patches (1-2cm), wkly defined bands, and disseminations set in an aphanitic light-coloured matrix. -core angle: 125 to CA at 27.5 ft: foliation -core angle: 135 to CA at 36.1 ft: foliation -cc veinlets, patches and disseminations are commonly observed, estimate overall abundance at 5-7%. Veinlets are oriented at all angles to CA, are mostly calcite-dominated and are 1-3mm in width. A weak association is observed between the calcite veinlets and pyrite mineralization -upper contact with the alteration zone is sharp and is masked by the weathered fractures. Lower contact is gradational over 0.1 - 0.2 ft	20158	25.70	29.90	4.20	2			
			20159	29.90	34.00	4.10	3			
			20160	34.00	35.60	1.60	795	789		
		C2, A2, M0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		chl 4-6 3% pyrite occurs as fine-medium grained disseminations and small patches at crystal aggregates. These small patches are usually calcitic. Pyrite is anhedral to subhedral for the most part.								
35.6	38.6	Mineralized zone Colour variable from dark green to light grey to light brown, depending upon type & strength at alteration, non-magnetic, non-calcitic, hardness variable from very hard (35.6-37.5 ft) to moderately hard (37.5-38.6 ft). An overall orientation at 125-140 to CA is apparent in the section, but core angles can sub-parallel CA locally (eg 37.5 ft). Upper contact is gradational, lower contact is quite sharp, marked by an abrupt termination of the alteration. This termination is modified by the presence of a 3mm wide calcite band. -core angle: 35 to CA at 38.6 ft: contact -this contact clearly cross-cuts the foliation at a high angle Ankerite-chlorite-quartz veining is 5-7% in abundance in the 36.0-37.6 ft section. The veins can reach up to 0.1 ft in width and are irregular in shape. A weakly preferred orientation is apparent however. -core angle: 140 to CA at 36.5 ft: ankerite vein -core angle: 125 to CA at 36.7 ft: ankerite vein 35.6-37.6 ser6, c0, A0, M0 -strong pervasive sericite alteration overprinted + cross-cut by ankerite -pyrite mineralization. Dark grey chlorite (2) stringers/veinlets present 37.3-37.6 and oriented sub-parallel to CA. This 35.6-37.6 ft section is quite hard, suggesting silica flooding	20161 20162	35.60 37.60	37.60 38.60	2.00 1.00	4077 456		0.116	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		37.6-38.6 ft moderate grey alteration c0, A0, M0, chl 2 Section is moderately soft by comparison to 35.6-37.6 ft interval. Sericite, ankerite and pyrite are all noticeably reduced in abundance 35.6-37.6 overall pyrite abundance estimated at 10%, locally reaching 25-30% (36.4-37.1 ft). Pyrite occurs mostly as disseminated grains but can occur as oriented bands & patches in the heavier areas. The pyrite is fine to very fine grained and anhedral for the most part, however minor amounts of medium-coarse grained subhedral-euhedral pyrite is noted near the margins at the zone (especially at 38.6 ft) -dark green-black chlorite (overall abundance 1-3%) forms halos to the pyrite on the heavier disseminated zones								
38.6	69.7	Calcite flooded mafic intrusive Colour very dark green, non-magnetic, non-calcitic (locally moderate to weak matrix calcite), moderately soft. Essentially a massive fine grained texture (locally foliated) is defined by chloritic grains set against an aphanitic lighter coloured matrix. Some short sections are aphanitic. Short sections of rubbly core at 42.6-43.0 ft and 51.0-51.9 ft This section is characterized by calcite-rich flooding occurring as veinlets, stockworks, irregular streaks and small patches. Some short sections of breccia-textures (56.0-56.4 ft) are observed overall calcite abundance estimated at 10-15% M0, c0 (locally 2-4), A2 (38.6-58 ft) becoming A0 (58-70.7 ft) Chl -4-6?, moderate to strong pervasive chlorite alteration? 1% diss fine grained anhedral pyrite throughout. No apparent association/preference of pyrite with calcite flooding	20163	38.60	40.30	1.70	63			
			20164	40.30	43.00	2.70	3			
			20165	43.00	46.00	3.00	10			
			20166	46.00	51.00	5.00	17			
			20167	51.00	56.00	5.00	3			
			20168	56.00	61.00	5.00	NIL			
			20169	61.00	66.00	5.00	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
69.7	140.7	Mafic intrusive	20170	66.00	70.70	4.70	NIL			
		Colour dark green, non - to weakly calcitic, moderate to strongly	20171	70.70	76.00	5.30	NIL			
		magnetic, moderately hard. Massive aphanitic to v. fine grained	20172	76.00	81.00	5.00	5			
		mafic porphyritic texture, locally weakly foliated. Calcite-rich	20173	81.00	86.00	5.00	10			
		veinlet and patches account for an estimated 5% abundance.	20174	86.00	91.00	5.00	12			
		Veinlets can reach 1cm in size but are mostly 1-5mm wide. While	20175	91.00	96.00	5.00	9			
		a degree of randomness is present, many veinlets display a cross-	20176	96.00	101.00	5.00	7	NIL		
		cutting, conjugate orientation								
		-core angle: 145 to CA at 117 ft: calcite vein								
		-core angle: 50 to CA at 117 ft: calcite vein								
		-core angle: 130 to CVA at 140.0 ft: foliation								
		M0 (69.7-76.3 ft) becoming M6								
		c0 (69.7-140.7) locally c2								
		A2 (69.7-76.3 ft), A0(76.3-106), A2(106-121 ft), A0(121-140.7 ft)								
		Trace -1% disseminated fine to medium grained euhedral pyrite.								
		Pyrite shows a wk preference for occurring with calcite veinlets								
140.7	171.5	Coarse grained mafic intrusive	20177	151.00	156.00	5.00	15			
		Colour dk green, mod. hard, moderately to strongly magnetic,	20178	156.00	161.00	5.00	14			
		non-calcitic-locally wkly calcitic. Mostly a massive, medium to	20179	161.00	162.00	1.00	3			
		coarse grained porphyritic texture with both white and dark	20180	162.00	167.00	5.00	3			
		green-black phenocrysts being set in an aphanitic green matrix.	20181	167.00	171.50	4.50	2			
		Occasional short sections of weakly to moderately well developed								
		foliation (eg 144 ft)								
		-calcite veining is approx. 1-3% in abundance, occurring as								
		thin (5mm) veinlets & patches. A 0.2 ft wide calcite-rich								
		veinlet is noted at 161.4 ft and contains 3% very fine grain								
		disseminated pyrite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 45 to CA at 161.4 ft: calcite vein -short section fo blocky core noted at 156.0-157.0 ft -core angle: 45 to CA at 169.0 ft: foliation M6 (140.7-161 ft), M4 (161-171.5) C0 (140.7-171.5), A0 (140.7-171.5) Chl 2 (140.7-171.5)								
171.5	174.3	Magnetic mafic intrusive Colour dark green, moderately soft, strongly magnetic, non-calcitic. Massive aphanitic texture. Magnetite is present as disseminated grains, irregular small patches (1cm) and weakly developed stringers(?). 1-3% calcite veinlets -gradational upper & lower contacts M6 (diss & stringers & patchy), c0, A0 trace -1% diss very fine grained pyrite	20182	171.50	174.30	2.80	2	5		
174.3	707.0	Fine grained mafic intrusive Colour dark green, moderately soft, variably magnetic (strongly magnetic at upper contact, decreasing to non-magnetic at end of interval?), variably calcitic (non-calcitic, locally moderately calcitic). Massive to weakly foliated, aphanitic to very fine porphyritic texture defined by light coloured phenocrysts/grains set in an aphanitic grain matrix. Calcite veining is approx. 7-105 in abundance, occurring as 5-7mm wide veinlets and irregularly shaped patches. Trace disseminated pyrite is noted with the veinlets & patches. -core angle: 45 to CA at 197.0 ft: foliation	20183	174.30	176.00	1.70	NIL			
			20184	176.00	181.00	5.00	NIL			
			20185	181.00	186.00	5.00	3			
			20186	186.00	191.00	5.00	NIL			
			20187	191.00	196.00	5.00	2			
			20188	196.00	199.50	3.50	2			
			20189	199.50	201.00	1.50	2			
			20190	201.00	202.00	1.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-38

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

M6 (174.3-181.0), M4 (181.0-191.0), M2 (191.0-196.0), M0 (196.0-202.0), c0 (locally CA), A0
Trace -15 diss v. fine grained pyrite throughout, showing a weak association with calcite veining & patches

200.2-200.8 silica-sericite Altered zone
Colour variable from tan to medium grey, hard to soft. Moderately well developed foliated fabric at 55 to CA. No primary textures (features observable).

Ser 6, sil 6, chl 2
-strong pervasive silica-sericite alteration, sharp upper & lower contact
Trace very fine grained disseminated pyrite

202.0 ft EOH -Drillers rpt 203.4 ft

Logged on site
R. Pressacco March 14/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.20	-44.40+	328.20+
100.40	-44.40	328.20
149.60	-43.40+	328.00+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-39
Collar Eastings: 6340.90
Collar Northings: 2563.79
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 17-18/03

Collar Inclination: -58.00
Grid Bearing: 325.00
Final Depth: 251.80 feet
POWELL TP.; CLAIM: MR 5380 XL21+16NE, 28+67NEBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 20, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	40.2	Casing all casing left in place								
40.2	194.3	Massive mafic volcanic Colour medium green-grey to dark green, moderately hard, non-calcitic to weakly calcitic, strongly magnetic. Massive to weakly foliated aphanitic to very fine grained texture. 3-5% calcite-rich veinlets are present throughout and are oriented at all angles to CA. The veins are typically less that 11mm In width ranging to 0.2 ft at times M6 (40.2-56.0), M2 (56.0-62.0), M0 (67.0-81.0), M6 (81.0-187), M0(187-194), A2(40.7-96), A0(96-131), A2(131-150), A0(150-194.3), c0 (40.2-96), C2-4 (96-166), C0 (166-178), C2 (178-193.4) Trace diss fg-v. fine grain pyrite Pyrite content increases to 1% fine-medium grained, euhedral & disseminated in the 149-194.3 ft section 56-58 streaky basalt? Section at increased foliation/fabric is defined by chloritic stringers To 1-3mm in width -core angle: 135 to CA at 57 ft: foliation 107.4 0.3 ft wide quartz-calcite-chlorite vein. Upper contact at 115 to CA, lower contact at 165 to CA 126.0-127.0 short section containing 25% quartz-tourmaline?-(calcite) veining & stockwork	20320	51.00	56.00	5.00	NIL			
			20321	56.00	58.00	2.00	2			
			20322	58.00	61.00	3.00	7			
			20323	102.00	107.00	5.00	12	16		
			20324	107.00	108.00	1.00	NIL			
			20325	108.00	113.00	5.00	NIL			
			20326	121.00	126.00	5.00	NIL			
			20327	126.00	127.00	1.00	3			
			20328	127.00	132.00	5.00	NIL			
			20329	156.00	161.00	5.00	2			
			20330	161.00	166.00	5.00	NIL			
			20331	166.00	171.00	5.00	2			
			20332	171.00	176.00	5.00	NIL	NIL		
			20333	176.00	181.00	5.00	2			
			20334	181.00	186.00	5.00	NIL			
			20335	186.00	191.00	5.00	3			
			20336	191.00	194.30	3.30	9			

41P15NE2026 2.28283 CAIRO 084

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-39

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 45 to CA at 126.6 ft: quartz-tourmaline vein 128.2-130.5 weakly foliated section (streaky basalt?) Is defined by an alignment at chloritic veinlets -core angle: 130 to CA at 130.0 ft: foliaton -the unit begins to decrease in grain size below approx 165 ft and the colour becomes slightly lighter green. This decrease in grain size is accompanied by an increase in foliation -core angle: 50 to CA at 187 ft: foliation 166.0-194.3 Interval of quartz-calcite-(tourmaline) veining & stockworking. Many of the veins do not exceed 5mm in width, however some of the larger veins may reach 0.2 ft in width (eg 176 ft). Many of the smaller veins are oriented at all angles to CA, but the larger veins seem to show a preferential orientation of about 60 to CA -core angle: 75 to CA at 176 ft: qtz-cc-tour vein Minor chloritic alteration along vein wall. No ankerite observed in the veining 1% background medium grained euhedral disseminated pyrite -overall vein abundance estimated at 705 to the section								
194.3	199.1	Interflow unit? Colour variable from medium green to light grey, hardness variable from moderately hard (green sections) to very hard (light grey sections), non-magnetic, variably calcitic. Generally a well developed bedded texture with interbedded cherty-tuffaceous sections (0.3 ft) and medium green mafic tuff sections -7-10% calcite-quartz veinlets & stockworking throughout the	20337	194.30	199.10	4.80	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-39

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		interval are oriented at all angles to CA								
		-core angle: 50 to CA at 195 ft: bedding								
		M0, C6, A0								
		1-3% diss -very fine to medium grained subhedral pyrite								
199.1	206.5	Variolitic (?) Mafic flow	20338	199.10	202.50	3.40	12			
		Colour medium green-grey, moderately soft, non-magnetic, weakly	20339	202.50	206.50	4.00	7			
		calcitic. A very weakly developed/faint variolitic texture is								
		observed with rounded lighter green patches sitting against a								
		wormy dark green matrix								
		-10% calcite-quartz patches to 1cm in size								
		M0, c2, aaA2								
		1% diss & patches fine grained euhedral pyrite								
206.5	251.8	Massive mafic flow	20340	206.50	211.00	4.50	158	110		
		Colour light green, moderately soft, strongly magnetic, non-	20341	211.00	216.00	5.00	134			
		calcitic. Massive very fine grained texture.	20342	216.00	221.00	5.00	2			
		-calcite-rich veinlets are present in ~10-155 abundance occurring	20343	221.00	225.00	4.00	17			
		mostly as thin (5mm) veinlets oriented in a conjugate orientation	20344	225.00	226.00	1.00	45			
		-core angle: 40 to Ca at 222.5 ft?.: calcite vein	20345	226.00	231.00	5.00	NIL			
		-core angle: 160 to Ca at 222.5 ft: calcite vein	20346	231.00	236.00	5.00	NIL			
			20347	236.00	238.30	2.30	NIL			
		C2 (206.5-216), C0 (216-251.8), A2 (206.5-220), A0 (270-251.8),	20348	238.30	240.00	1.70	15	24		
		M6 (206.5-251.8)	20349	240.00	241.00	1.00	NIL			
		1% diss & patchy medium grained euhedral pyrite	20350	241.00	243.00	2.00	NIL			
		Trace -1% fine disseminated chalco-pyrite? Is hosted by a calcite	20351	243.00	247.00	4.00	NIL			
		veinlet/stringer at 225.5 ft	20352	247.00	251.80	4.80	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-39

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

238.3-243.0 section of calcite-quartz-chl-(tournaline) veining. These veins are typically thin (5mm), but occasionally can reach 0.2 ft in length. Overall vein abundance estimated at 70% veins appear to take on the same orientations as the calcite veining at the rest of the interval
-core angle: 70 to Ca at 240.8 ft: chalcopyrite stringer?

1% diss fine-medium grained anhedral pyrite is typically associated with the veins. Chalcopyrite is commonly observed as fine grained disseminations in the veins. A large (1cm) chalcopyrite stringer is present in a vein at 140.8 ft

251.8 ft EOH -Drillers rpt 752.6 ft

Logged on site
R. Pressacco March 20, 2003

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
48.50	-57.30+	326.90+
97.00	-57.30	326.90
172.50	-56.40+	
248.00	-56.40	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-40
Collar Eastings: 6264.72
Collar Northings: 2498.24
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 18-19/03

Collar Inclination: -58.00
Grid Bearing: 325.00
Final Depth: 251.40 feet
POWELL TP.; CLAIM: MR 5380 XL20+15NE, 28+57NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 21, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	18.0	Casing all casing left in place								
18.0	20.5	Massive mafic volcanic Colour dark green-grey, moderately hard, non-magnetic, strongly calcitic. Massive, very fine grained texture containing 5-7% very fine disseminated leucoxene 5% calcite-rich stringers M0, c6, A0 -no significant pyrite observed								
20.5	22.8	Quartz-pyrite-(tourmaline) vein White quartz vein containing 10% chloritized fragments at mafic wall rock. The fragments are equally spread out in the vein, account for about 10% of the volume, and are typically less than 5cm in size. 0.7 ft long massive calcite vein present at 27.6 ft. Tourmaline is occasionally present as tiny (0.5mm) black stubs and grains typically associated with the breccia fragments. -core angle: 55 to CA at 22.8 ft: vein contact Chl 3 (?) 1-3% diss very fine grained pyrite is associated with the breccia fragments	20357	20.90	22.80	1.90	9			
22.8	27.3	Massive mafic volcanic	20358	22.80	27.30	4.50	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-40

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour variable from medium grey - dark green, moderately hard to moderately soft, non-magnetic, non-calcitic. Massive to weakly developed bedded texture is defined by the occasional presence of what appear to be thin felsic. -1% calcite-rich veinlets & patches M0, c0, A0 3% medium-coarse grained disseminated-patchy euhedral pyrite is distributed throughout the section	20368	59.20	63.70	4.50	NIL			
63.7	82.9	Massive mafic volcanic Colour light green-grey, moderately hard, non-magnetic, moderately calcitic. Massive to weakly foliated very fine grained texture. -7-10% calcite-rich veinlets & patches throughout C4, A0, M0 -no significant pyrite observed	20369	63.70	66.00	2.30	NIL			
			20370	66.00	71.00	5.00	18	14		
			20371	81.00	82.90	1.90	NIL			
82.9	87.5	Mafic/cherty tuff Colour medium grey-green, moderately hard, non-magnetic, strongly calcitic. Moderately well developed bedded texture is defined by cherty/felsic tuffaceous/mafic tuffaceous bands on the order of 5mm-8cm in thickness. 5% calcite veinlets generally oriented along bedding. -core angle: 140 to Ca at 85 ft: bedding C6, A0, M0 Trace -1% diss fine grained pyrite increase? 1 cm band of semi-massive(?) And recrystalized pyrite with black tourmaline is	20372	82.90	85.50	2.60	9			
			20373	85.50	86.50	1.00	34			
			20374	86.50	87.50	1.00	9			

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		noted at 85.9 ft. The band is bedding parallel.								
87.5	154.3	Massive mafic volcanic	20375	101.00	105.50	4.50	5			
		Colour light grey-green, moderately hard, non-magnetic, generally	20376	105.50	106.50	1.00	9			
		non-calcitic. Massive to weakly foliated very fine grained	20377	106.50	111.00	4.50	3			
		texture.	20378	146.00	151.00	5.00	15			
		-1-3% calcite veinlets are oriented at all angles to CA	20379	151.00	154.30	3.30	3			
		M0 (87.5-154.3 ft)								
		A0, c 4-6 (87.5-105), c0 (105-125), c2 (125-154.3)								
		-0.7 ft section of chlorite alteration & calcite stockworking								
		noted at 130.4 ft								
		1 cm band of calcite-pyrite mineralization is noted at 106.0 ft.								
		Pyrite is approximately 10% in abundance in this band								
		96-101 ft: foliated/tuffaceous section								
		-core angle: 140 to cA at 99ft: foliation								
		128.3-129.3 ft: short section of an intermediate dyke. Colour								
		medium grey, mafic porphyritic, fine grained texture. Upper								
		contact at a low angle to Ca, lower contact at 135 to Ca								
154.3	158.9	Mafic tuff/flow breccia	20380	154.30	156.00	1.70	10			
		Colour light yellow-green, moderately magnetic, moderately								
		calcitic, hard. Generally a massive granular/porphyritic texture								
		containing abundant dark green mafic shards/clasts set in a light								
		yellow green aphanitic matrix. These mafic shards are subangular								
		in shape and account for some 70-75% of the interval. A fe short								
		sections (0.4 ft) of massive, very fine grained mafic volcanics								
		are present in the section and likely represent blocks of mafics								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-40

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		in a tuffaceous matrix.								
		1% calcite-rich veinlets to 5mm are generally oriented at high angles to CA.								
		-core angle: ;70 to CA at 158 ft: bedding								
		M4, C0, A0								
		1% fine grained diss subhedral pyrite throughout								
		-trace diss chalcopyrite is noted in a calcite stringer at 155 ft								
158.9	195.2	Massive mafic volcanic	20381	156.00	161.00	5.00	5	3		
		Colour light green-yellow, moderately soft, moderately to	20382	161.00	167.00	6.00	NIL			
		strongly magnetic, variably calcitic. Massive aphanitic to fine	20383	167.00	172.00	5.00	NIL			
		grained texture, locally containing 1-3% diss fine grained	20384	172.00	173.00	1.00	NIL			
		magnetite. 3-5% calcite-rich veinlets & patches at all angles to	20385	173.00	176.00	3.00	NIL			
		CA. Section is aphanitic to very fg (158.9-179) becoming fine	20386	176.00	181.00	5.00	NIL			
		grained (179-195.2)	20387	181.00	186.00	5.00	NIL			
			20388	186.00	191.00	5.00	9			
		M4-M6, A0 (158.9-191), A2 (191-195.2), c2, locally c4-6	20389	191.00	195.00	4.00	10			
		rare diss fg pyrite								
		172.2 ft: a 0.2 ft section of cream-green (sericited) alteration & silica flooding is present. No significant pyrite mineralization. A thin skin of chloritic alteration is noted along the walls.								
		-core angle: 55 to Ca at 177.2 ft: alteration								
195.2	219.9	Calcite flooded mafic volcanic	20390	195.00	196.00	1.00	5			
		Colour is variable from dark green to grey to white, hardness	20391	196.00	198.50	2.50	3			
		variable from soft to hard, non-magnetic, moderately to strongly	20392	198.50	200.50	2.00	21	26		
		calcitic. The overall texture is moderately foliated that is	20393	200.50	205.00	4.50	12			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-40

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		defined by the presence and alignment of calcitic bands, veinlets	20394	205.00	207.00	2.00	9	7		
		and patches, and short sections of grey calcite-py alteration?.	20395	207.00	210.00	3.00	21			
		The interval limits are chosen as the first and last appearance	20396	210.00	213.00	3.00	22			
		of significant amounts of calcite flooding/alteration.	20397	213.00	215.00	2.00	17			
		-a 0.5 ft section of cherty tuff is noted at 205.7 ft.	20398	215.00	218.50	3.50	17			
		-core angle: 135 to Ca at 206 ft: bedding	20399	218.50	219.90	1.40	29			
		-core angle: 130 to cA at 212 ft: foliation								
		-core angle: 135 to cA at 217 ft: foliation								
		M0, c2-5, A2								
		A few short sections of ser-sil alt'n ~ (0.7ft) and grey-brown								
		Calcite-pyrite alt'n (0.3 ft) are present in a weakly altered								
		section (195.2-206.0 ft). Primary Lithologic features can still								
		be observed in this weakly altered section. Moderate-strong chl								
		alt'n is noted in the 206-219.9 ft section.								
		Overall pyrite abundance is trace-1% and concentrated in bands at								
		calcite-pyrite located at 199.6 ft, 213.6 ft, 215.5 ft and 219.9								
		ft								
219.9	251.4	Massive mafic volcanic	20400	219.90	222.00	2.10	5			
		Colour dark green, moderately soft, variably magnetic, strongly	20401	222.00	226.00	4.00	2			
		calcitic. Massive to very weakly developed foliated texture	20402	226.00	231.00	5.00	NIL			
		containing fine grained diss calcite grains. 1-35 calcite-rich								
		stringers at all angles to CA								
		C6 (219.9-251.4 ft), A0 (219.9-251.4), M0 (219.9-236), M2 (236-								
		241), M6 (241-251.4)								
		-no significant pyrite mineralization								
		249.6-250.8 short section of bedded cherty tuff? Colour light								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-40

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

grey to yellow-grey, quite hard. Massive aphanitic siliceous texture. 0.3 Ft wide intermediate dyke noted at 750.1 ft -core angle: 45 to Ca at 250.8 ft: bedding

1% disseminated medium grained pyrite

251.4 ft EOH -Drillers rpt 252.6 ft

Logged on site
R. Pressacco March 21, 2003

DOWN-HOLE SURVEY DATA

DEPTH	*INCLINATION*	*BEARING*
58.40	-56.60+	325.10+
116.80	-56.60	325.10
182.40	-56.40+	329.30+
248.00	-56.40	329.30

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-41
Collar Eastings: 6360.51
Collar Northings: 2361.44
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 15-17/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 573.40 feet
POWELL TP.; CLAIM: MR 5380 XL20+18NE, 26+87NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 19, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	23.0	BW casing all casing left in place								
23.0	39.5	Fine grained mafic flow? Colour medium yellow-green to green-grey, moderately hard, non-magnetic, non-calcitic. Fine grained to very fine grained massive(?) to weakly foliated texture. -this interval is characterized by the presence of abundant epidote-calcite alteration occurring as diffuse patches and bands which impact and/or define the foliation and as irregularly shaped, wavy veinlets & patches to 1cm in width. Trace diss pyrite can occur with these epidote veinlets. Estimate overall epidote-calcite abundance at 20-75% -these epidote veinlets & patches are cross-cut at a high angle by thin (103mm) calcite rich veinlets. A 0.2 ft wide milky quartz vein is present at 35.5 ft and is oriented at a high angle to CA M0, c0, A0, epi 4 -no significant mineralization 32.8-33.2 section of streaky basalt. This unit is defined by a moderate to strong elongation at epidote-calcite patches & spots. This section has an appears similar to elongated amygdaloidal basalt.	20228	23.60	26.00	2.40	19			
			20229	26.00	31.00	5.00	14			
			20230	31.00	36.00	5.00	NIL			
			20231	36.00	39.50	3.50	12			

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-41

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 110 at 34.0 ft: streaky basalt foliation -a curious orange-coloured material is present in this interval and occurs as thin (1-5mm) irregular veins/veinlets associated with calcite. Trace chalcopyrite is observed in a larger section of this material at 32.8 ft. Estimate overall abundance of this material at less than 1%								
39.5	43.6	Interflow unit? Colour variable from dark green to black to yellow green, mostly non-magnetic, non-calcitic, variable hardness. Very fine grained to aphanitic, weakly foliated texture. The unit/section is defined by it's decreased grain size, slightly increased fabric and sections of what appear to be ultra-fine tuffaceous sediments. A larger block/fragment (0.5') of mafic volcanic material is noted at 42.4 ft. A 0.5 ft section of semi-massive magnetite is noted at 40.0 ft and is brecciated & cross-cut by epidote-calcite and calcite veinlets/alteration. -core angle: 115 to CA at 40.5 ft: bedding M0, c0, A0, epi 2-4 Tr -1% associated with epi-cc alt'n	20232	39.50	43.60	4.10	27			
43.6	67.7	Mafic flow (intrusive?) Colour medium green-grey, moderately hard, non-magnetic, non-calcitic. Massive fine grained texture, weakly foliated in places. Epidote-calcite alteration is an estimated 10% in abundance, occurring mostly as veinlets to 5mm-1cm in size, oriented at all angles to CA. A few short sections of intense epidote-calcite-	20233	43.60	46.00	2.40	3			
			20234	46.00	51.00	5.00	3			
			20235	51.00	56.00	5.00	10			
			20236	56.00	61.00	5.00	7			
			20237	61.00	66.00	5.00	NIL			
			20238	66.00	67.70	1.70	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-41

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		orange material (0.3 ft) are noted at 57.3 and 67.1 ft. Lower contact with the diabase is marked by a short brecciated section (0.2 ft).								
		M0, c0, A0 epi 2-4 -no significant pyrite								
67.7	211.0	Diabase Colour dark grey to black, moderately hard, non-calcitic, moderately magnetic. Overall texture is mafic-porphyritic with 7-10% fine grained amphibol phenocrysts set in an aphanitic waxy yellow-green matrix. Minor chlorite-epidote-calcite veinlets throughout. The unit shows a distinct chill margin for about 1 ft of the upper contact, gradually coarsening To 77 ft -core angle: 130 to CA at 67.7 ft: contact -the grain size begins to decrease within 4 ft of the lower contact -trace diss very fine grained pyrite								
211.0	263.7	Massive mafic volcanic Colour v. dark grey to black (211-244 ft), becoming medium green-grey below approx 244 ft, moderately to strongly magnetic, non-calcitic, moderately hard. Massive to very weakly foliated, very, very fine grained texture. The unit is essentially featureless. Calcite-rich veining/patches/stockworks are present throughout the interval amounting to an estimated 5-7% in abundance. Trace amounts of epidote veinlets & patches are present within 10 ft of	20239	211.00	216.00	5.00	2			
			20240	216.00	221.00	5.00	NIL			
			20241	221.00	226.00	5.00	NIL			
			20242	226.00	231.00	5.00	NIL			
			20265	256.00	261.00	5.00	46			
			20266	261.00	263.70	2.70	132			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-41

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		the upper contact, but epidote is absent below about 221 ft. Trace -1% disseminated fine grained euhedral pyrite throughout. -core angle: 135 to CA at 237 ft: foliaton M6 (211-261), M0 (261-263.7), c0, A0 epi 2 (211-221) 1% diss euhedral-subhedral fine grained pyrite								
263.7	291.9	Calcite-flodded (variolitic) mafic volcanic Colour dark green, non-magnetic, non-calcitic (matrix), moderately soft. The interval is by a very chaotic texture where calcite veining/breccia and chloritic streaks occur as sections in an otherwise aphanitic mafic volcanic. A 0.4 ft long section of weakly developed varioles (5mm) are observed at 265.9 ft. These varioles are essentially rounded in shape and are not deformed in any visible manner. -Overall calcite abundance is estimated at 25-30% occurring as veinlets (5mm) patches and weakly developed breccia textures. In several places ring Structures and "figures of 8" of calcite and host rock are observed and suggest tight folding has taken place. -numerous sections of chloritic streaks are observed throughout the interval and clearly pre-date the calcite veinlets & patches. These chlorite streaks are oriented at all angles to CA, but on an overall sense they vary ~20 either side of 0 to CA. Initial impression was that these were incipient shear planes but close inspection suggests that they may also be simply a primary flow feature as in many cases they outline what appear to be very weakly developed varioles. -upper and lower contacts are subjectively chosen.	20267	263.70	266.00	2.30	363			
			20268	266.00	271.00	5.00	NIL			
			20269	271.00	276.00	5.00	15			
			20270	276.00	281.00	5.00	81			
			20271	281.00	286.00	5.00	7			
			20272	286.00	289.00	3.00	31			
			20272	289.00	291.90	2.90	17			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0, c0 (matrix), A0 -0.5 ft of possible silica flooding is observed at 286.5 ft 1% diss very fine grained-medium grained pyrite throughout, occasionally as semi-massive patches to 1-21m?								
291.9	297.7	Amygdaloidal(?) Mafic volcanic Colour medium green, moderately soft, non-magnetic, non-calcitic. Weakly foliated, aphanitic texture is defined by 103mm thick chloritic veinlets/stringers. The section is defined by it's colour, grain size, and the presence of a minor amount of rounded calcite-filled patches to 5-7mm in size -Overall calcite abundance is estimated at 10%, occurring mostly as thin veinlets and patches. Trace diss. very fine grained pyrite. Gradational lower contact is chosen as the first appearance of fine grained leucoxene, but this could simple be a gradation into the massive core of a flow	20274	291.90	297.70	5.80	2			
		C0, A0, M0 Trace diss very fine grained pyrite								
297.7	352.4	Massive leucoxenitic mafic flow/intrusive Colour generally medium green-grey (minor sections of dark green), variably magnetic, variably calcitic, moderately soft. Massive to weakly foliated fabric with many sections containing 10-25% fine grained disseminated leucoxene. Gradational upper & lower contacts, section likely represents the core of a flow -1% calcite-filled veinlets throughout. A 2cm wide calcite veinlet at 328.2 ft contains trace tourmaline(?) -core angle: 120 to CA at 319 ft: foliation	20275	297.70	301.00	3.30	12			
			20276	301.00	306.00	5.00	9	5		
			20277	306.00	311.00	5.00	NIL			
			20278	326.00	331.00	5.00	3			
			20279	346.00	351.00	5.00	3			
			20280	351.00	352.40	1.40	2			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 125 to CA at 328.2 ft: calcite vein -a short section of foliated amygdaloidal? (Cc-py) mafic volcanic with gradational contacts noted at 340-347 ft M0 (297.7-331), becoming M2 (331-338), and M4 (338-352.4) 1% diss & patchy very fine grained anhedral-subhedral pyrite (297.7-304)								
352.4	363.0	Pervasive & breccia calcite-magnetite Colour variable from green to white, strongly magnetic, strongly calcitic, variable hardness depending upon calcite abundance. Well developed calcite-matrix breccia textures throughout which occur in sections at up to 2 ft in length. These brecciated sections contain abundant disseminated very fine grained magnetite. Trace to rare thin quartz-bearing veinlets are present at 175 to CA -gradational contacts C6, M6, A0 -calcite abundance ~40% Trace diss very fine grained pyrite	20281	352.40	357.60	5.20	NIL			
			20282	357.60	363.00	5.40	2			
363.0	436.9	Massive mafic flow/intrusive Colour medium green-grey, generally strongly magnetic but decreasing in strength below 415-420 ft, weakly to moderately calcitic increasing to strong pervasive (spotty calcitic below 415-420 ft), moderately hard. Massive to weakly foliated aphanitic to very fine grained texture Calcite-rich veinlets to 5mm are oriented at all angles to Ca, 5-7% disseminated fine grained calcite is also	20283	363.00	366.00	3.00	15			
			20284	366.00	371.00	5.00	2			
			20285	416.00	421.00	5.00	2			
			20286	421.00	424.60	3.60	2	3		
			20287	424.60	427.50	2.90	NIL			
			20288	427.50	430.00	2.50	3			
			20289	430.00	433.00	3.00	NIL			
			20290	433.00	436.90	3.90	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		observed in short sections -core angle: 140 to CA at 388 ft: foliation M6 (363-416), M4 (416-421), M2 (421-426), M0 (426-431), M4 (431-436.9) C4 (363-401), C2 (401-416), C6 (416-426), C4 (426-436.9), A0 (363-421), A2 (421-432), A0 (432-436.9) Rare diss to patchy fine grained pyrite 427.5-430.0 ankerite-quartz-calcite-tourmaline alteration & veining section is characterized by the presence of two qtz-ank- cc-tour veins (50 to CA) and patchy pervasive grey-white alteration (silica-albite???). Tourmaline (black-schard?) Is observed in both veins and as streaks & disseminations into the host rock as well, (One vein measures 0.1 ft, the other is a 2 ft wide). It occurs mostly as ribbon textures along the vein wall, and as massive patches within the veins too. Overall pyrite abundance is 1%, occurring as very, very fine grained disseminations in the last rock and as fine grained euhedral disseminations in the veins. 430.0-436.9 weak to moderate Pervasive chlorite alteration is overprinted by occasional band/patch of grey (strong) pervasive calcite- (quartz) alteration. These bands & patches measure up to 0.3 ft in length and are an estimated 10% abundance								
436.9	467.9	Grey alteration & quartz-ankerite-(tournaline) veining Colour generally a light grey-green in areas of stronger alteration, but can be medium green-grey in weaker altered sections, moderately hard, non-magnetic, strong to moderate	20291	436.90	441.80	4.90	2			
			20292	441.80	445.40	3.60	NIL			
			20293	445.40	449.00	3.60	NIL			
			20294	449.00	453.00	4.00	2			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		pervasive calcitic alteration.	20295	453.00	457.30	4.30	NIL	NIL		
		The texture of the interval is characterized by the occurrence of	20296	457.30	461.00	3.70	NIL			
		altered zones which typically occur in short sections/bands up to	20297	461.00	464.00	3.00	2			
		1ft in length. These altered intervals impart a fabric to the	20298	464.00	467.90	3.90	NIL			
		core								
		-core angle: 50 to CA at 463 ft: alteration								
		Bands of grey alteration consist of strong pervasive calcite and possibly rare sericite Estimate alteration sections account for 15-20% of the interval								
		c6, M0, A0								
		-Overall pyrite abundance is trace- 1% occurring as patches of euhedral crystal aggregates (fine-medium grained) in unaltered section or as very, very fine grained disseminated anhedral grains on grey altered sections (eg 462.5 ft)								
		436.9-441 contains a moderately well developed chloritic alteration that has been overprinted by calcite-rich veinlets & stockworks. The veinlets can reach 0.1 ft in width and form breccia textures.								
		-minor amounts of quartz begins appearing in the veinlets towards the end of the interval. Trace-rare diss very fine grained pyrite.								
		-Quartz-ankerite-tourmaline-(calcite) veinlets (to 0.1 fft) appear below 441 ft, and the end of the unit is chosen as the last appearance of quartz veining. Overall vein abundance is estimated at 5%. Veins occur at all angles to CA but show a weak preference for high angles to CA. Tourmaline is commonly observed in the veinlets, occurring as massive black patches.								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Streaks/veinlets of black tourmaline are also observed in the host rock or with some of the grey alteration bands								
467.9	502.1	Massive mafic volcanic	20299	467.90	471.00	3.10	NIL			
		Colour medium to dark green, generally strongly magnetic,	20300	471.00	476.00	5.00	NIL			
		moderately calcitic, moderately hard. Massive to very weakly	20301	476.00	481.00	5.00	2			
		developed foliated fabric containing 5-7% diss fine grained	20302	491.00	496.00	5.00	NIL			
		calcite crystals	20303	496.00	500.00	4.00	NIL			
		-calcite-rich veinlets to 5-7mm in width are at all angles to Ca.	20304	500.00	502.10	2.10	NIL			
		Section of broken & blocky core is noted at 487.5-492.6 ft								
		-a 9m footage error is noted in the depth markers? At 151-160m								
		C3, accompanied by weak to moderate chloritic alteration								
		M0 (467.9-476), M4-6 (476-491), M4 (491-502.1), A0 (467.9-502.1)								
		Trace -1% diss fine grained euhedral pyrite throughout								
502.1	533.7	Quartz-tourmaline-(ankerite)-(chlorite) veined zone	20305	502.10	504.00	1.90	NIL			
		(10% veining)	20306	504.00	506.00	2.00	10			
		This is a section of massive mafic volcanic (leucoxenitic) that	20307	506.00	511.00	5.00	NIL	2		
		contains a number of short sections (largest is 0.4 ft in length)	20308	511.00	515.00	4.00	5			
		of quartz-tourmaline-(ankerite)-(chlorite) veining.	20309	515.00	517.00	2.00	5			
		-in all, some 16 distinct veins measuring from <0.1 ft to 0.4 ft	20310	517.00	519.00	2.00	5			
		are noted in this interval. Many of the veins are tourmaline	20311	519.00	524.00	5.00	10			
		rich and are concentrated in the 516-533.7 ft section. Above 516	20312	524.00	526.00	2.00	255	254		
		ft the veins consist more Of quartz-calcite-chlorite. The	20313	526.00	528.00	2.00	7			
		interval is chosen as the first & last appearance of tourmaline.	20314	528.00	530.00	2.00	7			
		The tourmaline is black in colour (schard) and occurs mostly as	20315	530.00	532.00	2.00	5			
		patches & bands of massive black material. Examination of these	20316	532.00	533.70	1.70	70			
		patches reveals occasional short, stubby black crystals. The								
		tourmaline quantity in the veins ranges from 1-3% to semi-								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		massive, easily accounting for 50% of the volume. Tourmaline is also occasionally observed as thin bands and disseminations in the host rock. The tourmaline veins are typically oriented at a high angle to CA. -core angle: 30 to Ca at 509 ft: calcite-chlorite vein -core angle: 125 to CA at 530 ft: tourmaline vein -core angle: 125 to CA at 533 ft: tourmaline vein Disseminated fine grained calcite throughout, (1-3) M4 (502-506), M2 (506-511), M0 (511-533.7), A2 (502.1-506), A0 (506-516), A2-4 (516-533.7) -trace-minor sericite alteration is noted at the margins of some of the veins Trace disseminated fine grained pyrite throughout the interval with no noticeable increase in the proximity to the veins. Trace chalcopyrite noted with diss & patchy pyrite in the tourmaline vein at 525 ft								
533.7	573.4	Massive mafic volcanic Colour medium grey-green, moderately hard, strongly magnetic, weakly to moderately calcitic. Massive to very weakly foliated very fine grained texture with 3-5% fine grained diss magnetite readily visible. Disseminated calcite grains are present down to about 540 ft, 5-7% calcite-rich veinlets & patches throughout -narrow diabase dyke is present at 571.1-571.8 ft C4 (533.7-556), C2 (556-573.4), A0, M6 -no significant mineralization 573.4 ft EOH -Drillers rpt EOH at 593.8 ft	20317 20318 20319	533.70 536.00 541.00	536.00 541.00 546.00	2.30 5.00 5.00	9 2 5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
		(error in depth markers noted at 151m (495.4 ft))								
		Logged on site R. Pressacco March 19/2003								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
97.75	-44.30+	322.40+
195.50	-44.30	322.40
244.75	-43.90+	325.00+
294.00	-43.90	325.00+
343.20	-43.80+	
392.40	-43.80	
441.60	-43.10+	
490.80	-43.10	
529.90	-42.90+	
569.00	-42.90	

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PROPERTY: Matachewan
HOLE No.: M03-42
Collar Eastings: 2200.00
Collar Northings: 2010.00
Collar Elevation: 7878.00
Grid: 2002 Imperial
Rig H&S 35 Dates: Mar. 20-23/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 692.20 feet
POWELL TP.; CLAIM: MR 5372
Grid North = 1.2deg E ast.; core stored on site

Logged by: A.W. Beecham
Date: March 24, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt
0.0	7.0	OB casing pushed to 10.0ft into bedrock								
7.0	10.0	Grey paraconglomerate (Gowganda formation) See below Structure: broken, largest piece 2 inches								
10	14.6	Arkose Light reddish brown, grit to fine sand. A few pebbles at top here & there elsewhere qtz & fsp sand -minor FeMg minerals Structure: thick to thin bedded at 80, mod fract'd -0.5-0.1ft spacing 11.0ft -two x 1/4" gr at 45 tr py in wall rock tr diss py	20472	10.50	11.50	1.00	7			
14.6	62.0	Paraconglomerate Med dull grey greywacke matrix sand-silt with scattered qtz sand: H = 5.5, non-magnetic; pebbles of fg porphyries, pink granite, other fg felsic qtz make up 4-5% of unit: pebbles a few mm to 8cm; Matrix argillite in places	20473	18.80	19.80	1.00	34	65		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Structure: most is massive and unbedded. Beds of silt-sandstone at 75 cleavage on argillite section 75 mod-strongly fract with fract spacing avg 0.5ft sections strong fracturing with finely broken core 50-61ft								
		Remarks: 22.6-23.7 red brown silt & arkose & pebbles to 4cm 51-52.6 red brown silt								
		19.3ft 60% grey qtz over 0.2ft at 40 dk chl on selvage								
		41.8 & 51.2 apparent crosscutting red hematite alt'n zones up to 1/2" thick or sandstone dykes?								
		Tr diss py								
62.0	72.6	Red brown sandstone with conglomerate Quartz-feldspar sandstone beds congl with 50% pebbles & minor red silt beds								
		Structure: mostly massive or bedded at 65ft and 40, sections of finely broken core separated by mod fract'd with fract spacing about 0.5								
		Weak hem -probably primary tr diss py								
72.6	100.1	Fractured paraconglomerate as above/4.6-62.1 Matrix sandstone/greywacke, pebbles a few mm to 3-4cm of granite, fg felsic and fg mafics								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Structure: mostly massive and unbedded silt & sand beds at 80, sections finely broken core throughout, but mainly from 87-91.5 and 97.5-99.5 due to fract's at small angle to core								
		Remarks: 81-81, 84-85, 96-96.8; red-brown siltstone beds								
		Tr diss py								
100.1	119.5	Mudstone with minor red siltstone/sandstone Dark grey, fine silt to clay size; H = 4-4.5, non-magnetic beds red-brown silt/sand up to 2" thick								
		Structure: bedding & cleavage at 70-80; well bedded, only moderately fractured, some broken due to cleavage								
		Rare calcite parting & veinlets cc-1								
		tr diss py in silt/sand beds								
119.5	163.3	Thin bedded mudstone/siltstone As above 100.1-119.5 but without red beds; H = 4, 137-143.5: pebbles & cobbles, some red granite to 10cm								
		Structure: bedding 55-65 sections finely broken core between 143 and bottom, some lost/ground core betwwen 159 & 163.3 -cleavage parallel to bedding								
		Sparse lt grey/white calcite partings along cleavage								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
163.3	173.8	Fractured greywacke (Gowganda formation)	20474	165.00	170.00	5.00	5			
		Dark grey, sand size sediment with a few FeMg minerals, H = 4.5-5	20475	170.00	173.80	3.80	36			
		Structure: massive & poorly bedded, strong fractured & finely broken from 169-173.8 to 2.5 ft lost/ground core								
		Remarks: because of strong calc alt'n, uncertain if unit is Huronian gwk or Archean Carb'd volc								
		Strong pervasive calcite alt'n -minor grey, glossy qv with chl up tr 1"								
173.8	178.7	Grey carbonate rock (fault zone) Intense pervasive	20476	173.80	175.80	2.00	21			
		(ARCHEAN)	20477	175.80	178.70	2.90	9			
		173.8-175.2 grey carb rock 175.2-178.7 'sand', gouge & finely broken core; 2.5 ft of lost core between 170.6 & 178.7 (uncertain where to assign lost core)								
		Structure: sand & a little gouge -probably marks significant fault								
		Calc alt'n cc-6, 175.6: 1/2" grey qv at 75, some Fe carb (positive K-Fe-cyan test)								
178.7	277.0	Grey carbonate rock (altered mafic volc?)	20478	178.70	182.20	3.50	24			
		Med grey, fg-med fg, Fe dol (ankerite) calcite, a little qtz & minor chl	20479	182.20	185.00	2.80	26			
			20480	185.00	190.00	5.00	3			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			20481	190.00	195.00	5.00	NIL			
		Structure: strongly fol'd (not schistose)45-60; highly fract'd &	20482	195.00	200.00	5.00	27			
		recemented with carb veins, minor -min gouge seams at 206.8 &	20483	200.00	204.00	4.00	NIL			
		217.4	20484	204.00	206.50	2.50	10			
			20485	206.50	208.50	2.00	55			
		Remarks: 182.2-184.6 & 206.8-208.1 & 229.6-230.6 & 258.6-259.3	20486	208.50	213.00	4.50	17			
		dull red alt'd intermed -felsic dyke with tr -1% py	20487	213.00	218.00	5.00	309	293		
			20488	218.00	223.00	5.00	21			
		235-239 speckled with strong calcite alteration	20489	223.00	228.80	5.80	22			
			20490	228.80	233.00	4.20	38			
		Strong pervasive Fe dolomite/ankerite, weak-mod pervasive calc	20491	233.00	238.00	5.00	31			
		-calcite veinlets & qtz carb? Here & there	20492	238.00	243.00	5.00	226			
		194-231 fairly abundant calc veins incl a few cg veins up to 0.75	20493	243.00	248.00	5.00	60			
		ft	20494	248.00	253.00	5.00	NIL			
		256.2-257.4 white & grey cg calc + ankerite + chl partings	20495	253.00	258.00	5.00	129			
		conformable veins	20496	258.00	263.00	5.00	99			
		tr pale py here & there as selvages to carb veinlets, diss py in	20497	263.00	268.00	5.00	175			
		altered felsic dykes	20498	268.00	273.00	5.00	171			
			20499	273.00	277.00	4.00	36			
277.0	336.1	Altered quartz porphyry intrusives ("alt'd syenite")	20500	277.00	281.00	4.00	86			
		Dark brown-red, to pink in middle, fg H + > 6 fg granular, qtz-	20501	281.00	285.00	4.00	194	177		
		fsp or qtz phyric with up to 30% qtz phenocrysts in places from	20502	285.00	289.50	4.50	1920		0.051	
		<1mm to 3mm	20503	289.50	293.50	4.00	1359		0.039	
			20504	293.50	294.70	1.20	1714		0.046	
		Structure: massive, but finely veined to (possibly) granulated	20505	294.70	295.80	1.10	2194		0.071	
		with qtz &/or qtz carb cement, upper contact 65; Lower Ct	20506	295.80	297.00	1.20	2297		0.061	
		irregular	20507	297.00	298.10	1.10	1611		0.050	
		282-283 finely broken	20508	298.10	301.00	2.90	456			
			20509	301.00	305.40	4.40	826	862		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Remarks: inclusions-wisps grey carbonate rock as follows:	20510	305.40	310.00	4.60	151			
		282-283.8, 285.7-288.2, 299.2-300.1, 305.9-309.2, 312.5-314.0,	20511	310.00	315.00	5.00	487			
		321.1-322.8, 328.3-329.7	20512	315.00	320.00	5.00	142			
			20513	320.00	325.00	5.00	720			
		Mod-strong pervas calc throughout in both Q.P. & carb rock	20514	325.00	328.30	3.30	1680		0.052	
		inclusions: weak qtz veining with isolated qtz-ank-calc+/-tourm;	20515	328.30	331.60	3.30	895			
		294.9-298.0 pervas red alt'n -hem flecks green sericite here &								
		there -best core at 309.5ft, dark chl in fract/matrix 320-325ft								
		Diss py up to 4% -best conc'n near qtz-ank tourm veins								
336.1	350.8	Banded carbonate rock with quartz veins	20516	331.60	336.20	4.60	406			
		med-light grey-dk green, fg carb rich mainly ankertie/Fe dolom a	20517	336.20	341.00	4.80	26			
		little chl and 15-25% qtz ribbons & veins along fol'n	20518	341.00	346.00	5.00	12			
		Structure: thinly banded strong schistosity, crenulations with								
		2nd schistosity at 30-60, thin, carb-rich lenses separated by								
		chl'c partings (similar to deformed fragmental rock) -Q.V. as								
		folds and hooks								
		Strong perv ankerite/Fe-dolomite atl'n								
		20-30% conformable qtz veins & ribbons								
350.8	365.8	Banded carbonate rock	20519	346.00	351.00	5.00	19			
		as above 336.1-350.8 but only 5% qtz veins	20520	351.00	356.00	5.00	2			
			20521	356.00	361.00	5.00	415			
		Structure: schistosity fol'n 65	20522	361.00	365.80	4.80	NIL			
		Remarks: 360.2-363.5 altered porphyry?? With tr py								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-42

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Strong perv ankerite/Fe-dolomite, -5% qtz ribbons								
		tr py here & there								
365.8	378.3	Red altered Q.P.(?) ("syenite")	20523	365.80	370.00	4.20	27			
		As above 277-336, but no recognizable quartz phenocrysts remain	20524	370.00	375.00	5.00	134			
			20525	375.00	378.30	3.30	9			
		Structure: middle is massive banded near contacts at 70								
		Pervasive red hem stain, some pervasive qtz and qtz-ankerite veins +/- minor tourmaline up to 3" -irregular, minor fine wisps pale green sericite								
		1-2% diss py								
378.3	400.0	Banded carbonate rock + altered FG felsic intrusives	20526	378.30	382.00	3.70	9			
		("syenite")	20527	382.00	384.80	2.80	45			
		As above 350.8-365.8,	20528	384.80	387.90	3.10	24			
		grey carbonate with thin partings dark green chlorite with some	20529	387.90	391.00	3.10	3			
		fuchsite/marposite?; main carbonate is ankerite/Fe-dolomite	20530	391.00	393.40	2.40	27			
			20531	393.40	396.40	3.00	189	137		
		Structure: schistosity/foliation 60-70	20532	396.40	400.00	3.60	9			
		Remarks: weakly hem alt'd + Fe-dol alt'd pale red/brown fine grained fabric (syenite) as follows: 384.9-391.0, 393.4-396.0								
		Intense pervas Fe dolomite/anker								
		Qtz & qtz/carb partings								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
400.0	458.8	Altered quartz-feldspar porphyry ("syenite")	20533	400.00	405.00	5.00	82			
		As above;	20534	405.00	410.00	5.00	31			
		pale rose-red to pink, fg quartz-feldspar rock with 20% mm size	20535	410.00	415.00	5.00	93			
		qtz phenocrysts sections with 1-2mm fsp phenocrysts remaining	20536	415.00	420.00	5.00	51			
			20537	420.00	425.00	5.00	63			
		Structure: massive or weakly foliated at 60-70, shattered &	20538	425.00	430.00	5.00	91			
		recemented with qtz-ankerite (Fe-dolomite)	20539	430.00	435.00	5.00	70			
			20540	435.00	440.00	5.00	69			
		Strong pervas ankerite/Fe dolomite & quartz, minor qtz & qtz-	20541	440.00	445.00	5.00	81	82		
		ankerite veining, weak hem stain, a little pale green sericite	20542	445.00	450.00	5.00	117			
			20543	450.00	455.00	5.00	173	142		
		1% py diss minor veinlets with pale green sericite	20544	455.00	458.80	3.80	67			
458.8	518.8	Thin banded carbonate rock	20545	458.80	463.00	4.20	[illegible]			
		As above,	20546	463.00	467.10	4.10	21			
		ankerite/Fe dol rich	20547	467.10	470.20	3.10	62			
			20548	470.20	475.00	4.80	17			
		Structure: thin banding-fol'n/schistosity at 55	20549	475.00	480.00	5.00	24			
			20550	480.00	485.00	5.00	87			
		Remarks: red alter'd Q.P. sills: 467-470.1, 497.6-499.0	20551	485.00	490.00	5.00	12			
			20552	490.00	495.00	5.00	17			
		512-518.8 sheared bx/fragmental carb rock	20553	495.00	500.00	5.00	26			
			20554	500.00	505.00	5.00	312	367		
		Mod pervas ankerit, weak-mod perv calc + calcite veinlets	20555	505.00	510.00	5.00	36			
		-minor white qtz-ankerite conform +/- + py selv eg at 500.5	20556	510.00	515.00	5.00	51			
		-minor flecks pale green sericite	20557	515.00	518.70	3.70	10			
		py diss narrow bands 1/4-1/2" of heavy diss up to 1" massive py								
		at 501.2 -minor magnetite with py conc'n 483-486								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-42

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
518.8	646.8	Altered Q.F.P. intrusive	20558	518.70	521.20	2.50	55			
		Dull red, brown, pink 10-20% 1-2mm qtz phnocrysts; variable % fsp	20559	521.20	524.90	3.70	33			
		phenocryst, but where least altered up to 35-40% 2-6mm fsp	20560	524.90	530.00	5.10	22			
		-locally eg 545 'trachytic' with crude fsp alignment fg matrix	20561	530.00	535.00	5.00	19			
			20562	535.00	540.00	5.00	33			
		Structure: massive & uniform to crackled & recemented with qtz-	20563	540.00	545.00	5.00	31			
		calc	20564	545.00	550.00	5.00	21			
			20565	550.00	555.00	5.00	170			
		Remarks: 636.7-643 banded carbonate rock	20566	555.00	560.00	5.00	26			
			20567	560.00	565.00	5.00	86			
		A little ankerite/+/- qtz veining at top, Qtz-calc & carb/-qtz	20568	565.00	570.00	5.00	89	101		
		veins, isolated qtz-cal tourm, py 691.5-602	20569	570.00	575.00	5.00	84			
		-weak pale green sericite (flecks) alt'n here & there, variable	20570	575.00	580.00	5.00	29			
		weak hem stain	20571	580.00	585.00	5.00	70			
			20572	585.00	590.00	5.00	65			
		0.5-1% fine py diss isolated cg py with qtz/calc	20573	590.00	595.00	5.00	34	31		
			20574	595.00	600.00	5.00	67			
		590 isolated small cp In calcite vein	20575	600.00	605.00	5.00	57			
			20576	605.00	610.00	5.00	93			
			20577	610.00	615.00	5.00	36			
			20578	615.00	620.00	5.00	41			
			20579	620.00	625.00	5.00	151			
			20580	625.00	630.00	5.00	45			
			20581	630.00	633.00	3.00	50			
			20582	633.00	636.70	3.70	89			
			20583	636.70	639.00	2.30	2			
			20584	639.00	643.00	4.00	NIL			
			20585	643.00	646.80	3.80	151			
646.8	658.0	Banded carbonate rock (alt'd UM)	20586	646.80	652.00	5.20	22			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		As above, possible sh'd spinifex	20587	652.00	656.10	4.10	21			
			20588	656.10	658.00	1.90	65			
		Structure: banding, fol'n 45								
		Remarks 556.1-658 red alt'd qtz-fsp porphyry with diss py								
		Intensive pervasive calcite, cc-6								
		diss py in altered Q.F.P. dyke								
658.0	692.2	Sheared ultramafic	20589	658.00	660.90	2.90	15			
		dark green, soft, talc chl calc minor ankerite; carb partings	20590	660.90	665.90	5.00	14			
		decrease downward	20591	665.90	669.00	3.10	113			
			20592	669.00	671.00	2.00	5			
		Structure: banded & fol'd 55-70, contorted	36788	671.00	675.00	4.00	27			
			36789	675.00	679.00	4.00	62			
		Remarks: 665.7-669.0 strongly hem stained + qtz-ankerite vein, py	20593	679.00	681.00	2.00	48			
		Q.P. dyke/silt	36790	681.00	684.00	3.00	NIL			
			36791	684.00	687.00	3.00	156	183		
		680: 0.6 ft altered py felsic dyke	20594	687.00	689.50	2.50	2230		0.065	
			36792	689.50	692.10	2.60	655	538		
		35% calc-minor qtz, minor ankerite partings								
		-red hem alt'n of porphyry dykes								
		pods diss of py in UM eg 682								
		-diss py in altered felsic dykes								
		692.2 ft EOH (Drill Hole made water, 1 bag cement put in bottom of hole; core cross piled at MCM No.3 Shaft)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-42

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

A.W. Beecham
March 24, 2003

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-44.50+	358.90+
83.90	-44.50	358.90
182.35	-44.30+	359.80+
280.80	-44.30	359.80
379.20	-42.00+	356.30+
477.60	-42.00	356.30
577.70	-40.80+	355.80+
677.80	-40.80	355.80

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43
Collar Eastings: 6280.31
Collar Northings: 2301.63
Collar Elevation: 7969.00
Grid: 2002 Imperial
Boyles 25 Dates: March 19-21/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 433.00 feet
POWELL TP.; CLAIM: MR 5380 XL19+18NE, 26+82NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 23, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	8.0	Casing all casing left in place. Drill hole intersected an opening at 131m (430 ft), suspect intersected the shaft or 3rd level station. Drillers lowered 10 ft of rod without intersecting the other side of the opening. Attempted to put down a rubber plug to cement hole, but the rods would not advance past a blockage in the hole 10 ft below the casing.								
8.0	38.3	Strongly foliated, ankeritized mafic volcanic (streaky basalt) Colour variable from dark green to green-grey, very hard, variably magnetic, non-calcitic. Strongly developed foliated fabric .3 defined by thin (5mm) parallel calcitic bands and patches. A weak but distinct C-S Fabric is observed at 24 ft where the fabric takes on a 'knotty' texture. -core angle: 135 to CA at 13 ft: foliation -core angle: 135 to CA at 24 ft: C-fabric -core angle: 165 to CA at 24 ft: S-fabric A6 (8-38.3), C2 (8-17), C0 (17-38.3), M4 (8-17), M0 (17-38.3) -moderate pervasive chloritic alteration (chl 4) 8-17 ft, with concurrant pervasive ankerite alteration. Chlorite alt'n decreases to nil below 17 ft, leaving strong pervasive ankerite	20403	8.00	11.00	3.00	NIL			
			20404	11.00	16.00	5.00	NIL			
			20405	16.00	19.00	3.00	24			
			20406	19.00	20.00	1.00	43	38		
			20407	20.00	23.00	3.00	9			
			20408	23.00	26.00	3.00	3			
			20409	26.00	31.00	5.00	NIL			
			20410	31.00	36.00	5.00	NIL			
			20411	36.00	38.30	2.30	10			

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DIAMOND DRILL LOG

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HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		alteration. Calcite-rich bands define the foliation and account for 25-30% of the section. Mostly no significant pyrite in this interval. 0.3 ft section of grey calcite-fine pyrite (10% py 10.3 ft) is noted at 19.5 ft 33-38.5 calcite-epidote-orange material occurs in veinlets and patches that are oriented at a low angle to CA and clearly cross-cut the foliation fabric. Trace thin (3-5mm) quartz-tourmaline veining -section of broken ground (RQD=0) in the 16-18 ft interval, largest fragment size is 0.1 ft -weakly developed crenulation cleavage (low angle to CA) is noted at 20-21 ft								
38.3	42.7	Mafic Dyke Colour medium green-grey, moderately hard, non-magnetic, non-calcitic. Weakly developed foliated texture. Fine grained matrix 1-3% calcite-epidote-orange material veinlets oriented in a conjugate system M0, C0, A6 -pervasive ankerite alteration of the matrix 1% diss fine grained subhedral pyrite	20412	38.30	42.70	4.40	15			
42.7	102.6	Diabase Dyke Colour medium grey, moderately soft, strongly magnetic, non-calcitic. Massive pophyritic texture with 15-20% mafic								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		phenocrysts (1mm) set in an aphanitic matrix. Trace epidote veinlets to 1cm throughout								
		M6, C0								
		92-101 Section of very blocky and broken core. Overall RQD estimated at 50-60% with a section of RQD = 0 at 100 ft. Approx. 1 ft of lost core .3 present at 100 ft								
102.6	105.0	Variolitic mafic volcanic	20413	102.60	105.00	2.40	67			
		Colour dark green, moderately soft, weakly magnetic, non-calcitic.								
		Generally a massive aphanitic texture, containing a 0.3 ft section of varioles at 64.7 ft								
		M0, C0, A0								
		-no significant pyrite observed								
105.0	125.3	Mafic tuff (?)	20414	105.00	111.00	6.00	12			
		Colour medium green-grey, quite hard, non-magnetic, non-calcitic.	20415	111.00	116.00	5.00	3			
		A weak but distinctly developed foliation is observed.	20416	116.00	121.00	5.00	22			
		Occasional thinly interbedded cherty-tuffaceous bands to 1mm in width	20417	121.00	125.30	4.30	5			
		-core angle: 55 to CA at 115 ft: foliation								
		M0, c0, A6-4								
		-moderate to strong pervasive ankerite enrichment at the matrix is observed. Calcite-epidote-orange material veinlets and patches are commonly observed and account for 5-7% of the interval 1% diss & patchy fine grained euhedral pyrite is								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		observed often associated with epidote-calcite veinlets & patches								
125.3	138.6	Intermediate dyke Colour medium-dark grey, quite hard, non-magnetic, non-calcitic. Generally a weakly foliated aphanitic texture with short sections of yellow-green mafic phenocrysts to 1mm in size. A section of broken and blocky core is present from 131.0-134.5 ft. Approx 0.5-1.0 ft of core has been lost in this section. Overall RQD estimated at 20% M0, C0 (locally C6), A4-6 -moderate to strong pervasive ankerite alteration of the matrix. Trace epidote patches & thin veinlets -no significant pyrite mineralization 155.7-156.8 Quartz-tourmaline-sericite-calcite-pyrite veined zone. Overall orientation is at 40 to CA. Pyrite abundance is generally 1% overall and is located along a quartz-sericite vein wall (0.1 ft wide vein) at 156.8 ft. the pyrite is disseminated fined grained euhedral.								
188.2	191.7	Grey alteration zone (3 qvs, VG) Colour light grey-cream, very hard, non-magnetic, non-calcitic. Generally massive aphanitic texture where the alteration has completely over-printed the primary lithology. The alteration fronts at the upper and lower contacts are diffuse and difficult to make an orientation determination C0-2, A4, M0 -pervasive ankerite alteration occurs as 1-3mm sized specks and	20418	141.00	146.00	5.00	14			
			20419	146.00	151.00	5.00	17			
			20420	151.00	155.70	4.70	7			
			20421	155.70	156.80	1.10	15	14		
			20422	156.80	161.00	4.20	NIL			
			20423	161.00	166.00	5.00	5			
			20424	166.00	171.00	5.00	2			
			20425	171.00	176.00	5.00	NIL			
			20425	176.00	181.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		disseminations throughout the interval	20427	181.00	183.50	2.50	10			
		7-10% fine-medium grained disseminated subhedral pyrite is	20428	183.50	188.20	4.70	15			
		present throughout the grey altered sections	20429	188.20	189.80	1.60	13989		0.430	
			20430	189.80	190.80	1.00	387432		10.286	
		190.0 0.5 ft wide quartz-ankerite-pyrite-calcite vein contains	20431	190.80	191.70	0.90	7954		0.240	
		abundant very coarse euhedral pyrite. Pyrite cubes can easily								
		exceed 2cm in size and pyrite content of the vein is estimated at								
		20%. Vein contacts are sharp (upper contact at 130 to CA, lower								
		contact at 155 to CA). Trace to minor amounts of pink material								
		is present in the vein as well.								
		-two occurrences of **visible gold** are noted along the lower								
		vein wall. The gold is very fine and appears to occur in								
		cracks/fractures in the vein that are at high angles to the								
		vein walls. The vein seems to be located medial to the								
		alteration envelope and overall impression is that this is a								
		flat vein								
		5-7 specks of visible gold are observed along the lower								
		vein wall.								
		7-10 specks of 0.5mm in size are also observed located								
		along the crystal face at one of the large pyrite cubes								
		in the central part of the vein.								
191.7	282.4	Massive mafic volcanic	20432	191.70	196.00	4.30	21	15		
		Colour medium grey-green, moderately hard, variably magnetic,	20433	196.00	201.00	5.00	2			
		weakly calcitic. Generally massive to weakly foliated aphanitic	20434	201.00	206.00	5.00	5			
		texture containing 10-15% disseminated calcite grains to 0.5-	20435	206.00	211.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1.0mm in size.	20436	216.00	221.40	5.40	2			
		Trace -1% calcite-rich veinlets to 1-5mm in width. Minor	20437	221.40	222.40	1.00	3			
		disseminated fine grained magnetite becomes visible below approx	20438	222.40	227.30	4.90	7			
		211 ft through to 232-233 ft.	20439	227.30	228.30	1.00	3			
		-calcite-rich veining is overall 5% in abundance, occurring	20440	228.30	231.00	2.70	2			
		mostly as foliation-parallel bands and patches to 1-2cm in width	20441	231.00	235.70	4.70	10			
			20442	235.70	239.40	3.70	3			
		C6 (215-243), C0 (243-253), C6 (253-287.4), M0 (233-262),	20443	239.40	244.40	5.00	NIL			
		M4-6(262-282.4)., A6 (243-253), A2-4 (253-282.4)								
		C0 (191.7-207), C2 (207-215), M0 (196.7-211), M6 (211-233), A0-A2 (191.7-207), A2 (207-243)								
		-weak-moderate pervasive ankerite alteration persists in the 191.7-198 ft section. 5-7% sericite-calcite-ankerite patches are also present in the 191.7-198 ft section. All alteration is essentially gone below approx. 198 ft.								
		-no significant pyrite mineralization observed								
		221.8 0.1 ft wide calcite-pyrite-chlorite vein contains 10-15% disseminated fine grained euhedral pyrite.0.2 ft wide qtz-cc vein noted at 227.7 ft								
		-core angle: 60 to Ca at 221.8 ft: vein								
		231.0-261.0 Foliated section containing 10-15% calcite-rich veinlets. Gradational contacts are subjectively chosen. The calcite veins more or less parallel and define the foliation for the rest part, with the occasional thin veinlet cross-cutting the foliation. The 235.7-239.4 ft section contains abundant (40-50%) calcite-magnetite-pyrite veinlets & patches. These veins are a medium grey in colour and occur as irregularly shaped wormy								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		patches & veins to 1-2cm in width -core angle: 55 to CA at 240 ft: foliation -a 0.2 ft wide qtz-cc-chl vein is noted at 265 ft and wiggles sub-parallel to CA Weak chloritic alteration along vein walls Overall pyrite abundance is approx 1% for this sub-interval, pyrite abundance can reach 5-7% in an individual 1-2cm vein or patch. The pyrite is fine-medium grained, disseminated and euhedral								
282.4	374.6	Pillowed mafic volcanic Colour variable from medium grey (pillow cores) to dark green (pillow rims + hyaloclastite?), quite hard, variably magnetic, strongly calcitic. Weakly foliated texture with very well defined pillows & pillow breccia. The pillows seem to be quite small, on the order of perhaps 1 ft and the selvages often contain a finely developed variolitic texture. The hyaloclastic material is simply massive chlorite, but often contains abundant milky white quartz-calcite veining & patches reaching 2-3cm in width. Abundant (5-7%) smaller veinlets/stockworks/patches are also present throughout the section. -a 1cm quartz-tourmaline-calcite vein is noted 351.6 ft (190 to CA), vein contains abundant black tourmaline to 40-50% abundance M6 (282.4-301), M0 (301-363), M206 (363-374), C6 (282.4-374.6), A2(282.4-336), A6-(4) (336-356), A0 (356-361), A4 (361-374.6) Trace diss fine grained euhedral pyrite	20444	282.40	286.00	3.60	7	7		
			20445	286.00	291.00	5.00	NIL			
			20446	[illegible]	296.00	5.00	NIL			
			20447	296.00	301.00	5.00	5			
			20448	301.00	306.00	5.00	2			
			20449	306.00	311.00	5.00	3			
			20449	311.00	316.00	5.00	5			
			20451	316.00	321.00	5.00	NIL			
			20452	356.00	361.00	5.00	NIL			
			20453	361.00	366.00	5.00	NIL			
			20454	366.00	371.00	5.00	NIL			
			20455	371.00	374.60	3.60	NIL			
374.6	379.3	Grey calcite-pyrite altered mafic volcanic	20456	374.60	377.30	2.70	377	334		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour variable from dark green to light-medium grey, mafic volcanics are moderately soft white, the grey calcite bands are very hard, non-magnetic, strongly calcitic. The texture is foliated on an overall sense with bands of grey calcite (variable to 1-2cm thick) defining the foliaton. Locally the texture is quite disrupted with doughnut and "figures of 8" shaped being defined by the calcite bands. These shapes suggest tight folding or wavy shapes which have been cut by the drill hole. Overall the foliation is at an angle to CA, however it can roll into parallel to CA orientations -core angle: 150 to CA at 377.3 ft: alteration -core angle 0 to CA at 376.5 ft: alteration -the calcite-pyrite bands account for approx 50% of the interval. The upper & lower contacts are chosen as the first and last appearance of significant calcite-pyrite bands in the mafic volcanics C6, M0, A4 -strong pervasive calcite alteration at the matrix. Moderate pervasive ankerite, grey calcite bands can reach 0.5 ft in length (375 ft) Overall pyrite abundance estimated? 3-5% however the pyrite is clearly concentrated (associated with the grey calcite bands), the pyrite can reach 10% abundance in these short sections -the pyrite is very fine grained, disseminated and subhedral for the most part	20457	377.30	379.30	2.00	31			
379.3	402.8	Ankeritized mafic volcanics	20458	379.30	384.00	4.70	2			
		Colour light creamy green, moderately hard, non-magnetic,	20459	384.00	386.00	2.00	351			
		strongly calcitic. Generally a massive to very weakly developed	20460	386.00	387.00	1.00	8503		0.200	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		foliation is defined by hairline to 1mm chloritic veinlets & stockworks.	20461	387.00	388.00	1.00	326			
			20462	388.00	392.80	4.80	NIL			
		Gradational lower contact over 1-2 ft, quartz-ankerite-calcite veinlets acount for 1% abundance occurring as thin, irregularly shaped veinlets to 5mm-1cm in width	20463	392.80	397.80	5.00	9			
			20464	397.80	402.80	5.00	29			
		-core angle: 130 to CA at 390 ft: foliation								
		A6, c4 (locally C6), M0								
		-strong pervasive ankerite alteration imparts a cream yellow-green colour for the rocks. Ankerite alteration appears to be post-dated/overprinted by hairline chloritic stringers. Ankerite introduction appears gradational over 1-2 ft through the 385-386 ft interval								
		-no significant pyrite alteration except for these occasions in association with veins as described								
		386.0 A 0.8 ft wide section of grey alteration with a medial (central quartz-ankerite-pyrite veinlet (0.1 ft) is present. Overall pyrite abundance estimated at 5-7% and occurs in two forms. In the vein the pyrite is medium to coarse grained, disseminated and euhedral. IN the wall rocks the pyrite is very fine grained to fine grained, disseminated and subhedral								
		-core angle: 160 to CA at 386.5 ft: vein								
		387.0 0.1 ft section containing a 1cm quartz-tourmaline-ankerite vein with a weakly developed grey alteration halo of the wall rock								
		387.5 A 1cm wide tourmaline-quartz-pyrite vein is located at 125 to CA, parallel to the local foliation								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		391.0 1 cm wide qtz-ankerite vein at 145 to CA								
		392.0 ankerite-chlorite-quartz vein (2cm) at 170 to CA								
		400.4-400.8 semi-massive tourmaline-quartz patch								
		401.6 quartz-ankerite vein (0.1 ft) at 60 to CA -trace tourmaline along vein walls								
402.8	408.0	Streaky basalt (ankeritized) Colour variable from medium-dark green to cream yellow-green depending on strength of ankerite alteration, moderately hard, non-magnetic, non-calcitic. Strongly developed foliated fabric is defined by alternating bands of dark green chloritic material and light yellow-green ankerite-rich bands. All bands are quite thin (typically 5-10cm). The 405-408 ft section is quite dark green to black with abundant 1-3mm wide chloritic bands defining an an anastamosing Shear texture -core angle: 65 to CA at 405 ft: foliation/shearing	20465	402.80	408.00	5.20	1646		0.048	
		A6, c0, M0, chl 6 -strong pervasive/banded ankerite-chlorite alteration -no significant pyrite mineralization								
		405.3-406.3 quartz-ankerite veining ranges from 5mm to 3cm in width and basically parallels the foliation. No significant pyrite observed. Vein material accounts for 20-25% of the section. Trace black tourmaline								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
408.0	412.9	Quartz-pyrite-ankerite veining	20466	408.00	410.30	2.30	18377		0.482	
		Colour variable from dark green to white, very hard, non-	20467	410.30	412.00	1.70	69			
		magnetic, non-calcitic. Vein material accounts for approx 50-60%	20468	412.00	412.90	0.90	9			
		of the section and occur as 3 veins (408.0-408.8, 409.2-410.4,								
		412.2-412.9). The veins have an overall spotted/mottled texture								
		with abundant dark coloured, 5mm sized patches and grains								
		defining the texture (tourmaline?). The remaining vein material								
		consists of translucent to white quartz and cream coloured								
		ankerite with minor calcite. Pyrite is abundant in the veins								
		(estimate 10-15% locally), occurring as disseminated fine-coarse								
		grained subhedral crystals								
		These veins have diffuse boundaries, making determination at								
		their orientations difficult								
		A6, c0, M0								
		-pervasive strong ankerite alteration of the intervening host								
		rocks, however the core remains dark green-black despite the								
		ankerite								
		Overall pyrite abundance is 3-5% occurring in association with								
		the veins as described								
		-two occurrences of fine **visible gold** are noted in the veins at								
		408.5 and 409.3 ft								
412.9	428.1	Ankeritized mafic volcanic	20469	412.90	418.00	5.10	NIL			
		Colour dark green to black, quite hard, moderately to strongly	20470	418.00	423.00	5.00	41			
		magnetic, non-calcitic. The texture is generally massive to very	20471	423.00	428.10	5.10	10			
		weakly foliated with abundant fine grained spotty ankerite grains								
		& small patches defining the foliation. Occasional short								
		sections (0.1ft) are moderately foliated. Disseminated fine								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

grained magnetite (1mm) is common throughout the interval occurring either in massive host rock or with short sections of grey coloured alteration
-core angle: 45 to CA at 421 ft: foliation
-quartz-ankerite-(chlorite) veining is roughly 1% in abundance occurring as thin veins and occasional patches sub-parallel to foliation. A 0.3 ft long patch of quartz-ankerite-tourmaline-sericite is noted at 423.5 ft

A6, C0, M4-6, chl 6-4
-pervasive spotty ankerite alteration with accompanying moderate-strong chlorite alteration
trace diss fine grained pyrite is typically associated with the veining

428.1 ft EOH -Drillers rpt 429.8 ft

Logged on site
R. Pressacco March 23/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
14.10	-42.30+	326.40+
28.20	-42.30	326.40
77.40	-41.70+	325.30+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-43

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
323.50	-40.10	
372.70	-39.40+	
421.90	-39.40	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-44
Collar Eastings: 3600.00
Collar Northings: 1600.00
Collar Elevation: 7903.00
Grid: 2002 Imperial
Rig:H&S35 Dates: March 24-25/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 229.30 feet
POWELL TP. CLAIM: MR 5375
Grid North 1.2deg East; core stored on site

Logged by: R. V. Zalnieriunas
Date: March 25, 2003
Down-hole Survey: Reflex EZ-SHOT
BQ Core by Heath & Sherwood (1986) In

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	9.3	Overburden (casing pushed to 19.7 ft) 0.0-8.0 -no recovery 8.0-9.3 pink granite & UMV boulders								
9.3	47.7	Mafic volcanic (4mvo) Grey, fine grained, massive to wkly foliated mvo, wk fol'n (S1) @ 63dca BC @ 65dca A3, c0-1, M3 -5-10% wh cc stringers & threads throughout, wkly bx'd str with rare tr pink rhod. carb? -no significant mineralization	20671	43.00	47.70	4.70	10			
47.7	86.8	Mod carb'd ultramafic volcanics (4umv-carb) Pale & med grey, fg, fine to mod lam'd, mod contorted & disrupted to mod foliated umv -locally bx'd -poss high strain zone /deformation zone 50.0 -CA = 60dca 78.0 -CA = about 30dca BC @ 156dca xcutting & intrusive -xcuts fol'n of 55-70dca	20672	47.70	49.70	2.00	19			
			20673	49.70	55.00	5.30	NIL			
			20674	55.00	60.00	5.00	10			
			20675	60.00	65.00	5.00	17			
			20676	65.00	70.00	5.00	75			
			20677	70.00	75.00	5.00	5			
			20678	75.00	80.00	5.00	3			
			20679	80.00	84.00	4.00	NIL			
			20680	84.00	86.80	2.80	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-44

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A1, c2-1, M1-3								
		-very wkly talcose throughout								
		-mod carb throughout poss dolomitic? as no significant cc fizz								
		with dilute Hcl & no sig Fe-carb staining								
		47.7-49.7 = 2% mg-cg diss py								
86.8	113.8	Diabase (5)	20681	86.80	90.00	3.20	NIL			
		Grey-green, fg, massive, margins wkly chilled -mod blocky	20682	110.00	113.80	3.80	NIL			
		throughout								
		BC -stepped & irreg								
		A4, c0, M0								
		-trace minor qtz-epid threads on jts								
		tr m-cg diss py throughout esp @ 95.0-105.0 = +1% m-cg py								
113.8	163.0	Carb'd ultramafic volc/carb schist (4umv-carb)	20683	113.80	118.80	5.00	14	14		
		(Similar to 47.7-86.8)	20684	118.80	122.30	3.50	10			
		Pale grey & med grey, mottled, bx'd & highly contorted, alt'd &	20685	122.30	125.80	3.50	2			
		carb'd umv's (cc str'd)	20686	125.80	130.00	4.20	NIL			
			20687	130.00	135.00	5.00	3			
		156.3 -CA = 63 bndg	20688	135.00	140.00	5.00	NIL			
			20689	140.00	144.00	4.00	2			
		A1-3, C1-3, +/- dol minor?, M0	20690	144.00	146.00	2.00	24			
		-wk serp throughout associated in part with cc thd/stringers	20691	146.00	150.00	4.00	NIL			
			20692	150.00	155.00	5.00	2			
		113.8-122.3 mottled brown & grey carb zone, tr incipient fuch &	20693	155.00	160.00	5.00	NIL			
		trace seric? with wk spotty hem 1 spots & patches	20694	160.00	163.00	3.00	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-44

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		mg diss py & mod py threads dev'd in fractures to fracture filling @ top contact from 113.8-122.5 = 5% py grading to 1% py downhole								
		144.2 -minor xcutting py thd								
		145.0-145.3 50-40% fg diss py str bnd pts @ 50dca								
		160.5-161.0 S2 @ 150dca ass'd with min "Z" drag fold								
		Tr talc throughout esp in lower 30 ft grades @ 145dca into								
163.0	203.0	Alt'd & silicified? +/- pyrite carbonite schist	20695	163.00	166.00	3.00	NIL			
		Med & pale steely blue to greenish grey with mottled groundmass	20696	166.00	170.00	4.00	NIL			
		of dark grey, brown yellow; texturally contorted & cc str'd,	20697	170.00	175.00	5.00	NIL			
		wkly sheared umv vol'c (as above) but core very hard & shade more	20698	175.00	179.00	4.00	NIL			
		blue-grey in colour pervasively throughout; -seems to show sil'n	20699	179.00	183.80	4.80	NIL			
		but probably very fine chl-carb alt'n overprint;	20700	183.80	185.00	1.20	21	21		
		-center of section mineralized with brown-brassy py replacement	20701	185.00	188.00	3.00	3			
		stringers & threads (MS to SMS) m-fg on 50deg fracts & grading	20702	188.00	190.50	2.50	NIL			
		downhole to diss f & mg py blebs	20703	190.50	193.00	2.50	2			
			20704	193.00	198.00	5.00	NIL			
		-avg fol'n about 40dca, BC @ 55dca shp	20705	198.00	203.00	5.00	5			
		A0-tr, c5, M0								
		-very hard core throughout poss sil'd?, wkly chlc throughout, spotty yellow seric patches outboard from py, local wk incipient fuch								
		-darker steely grey alt'n overprints everything -changing calcite stringers & groundmass extensively throughout **								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-44

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		183.8-188.0 variable cg-fg py dev as +0.5ft str (SMS) & occ. py threads & stringers xcutting schty dev'd as relacement stringers & patches rooted on xcutting fractures -py decreases dowhole & becoming finer grained 20-5% (10% py overall); -py str CA's = 45-50dca								
203.0	229.3	Diabase Med grey, fg chilled & massive -rare qtz-epid threads -blocky throughout	20706	203.00	208.00	5.00	3			
		A4, c0, M2-3								
		229.3 ft EOH -Drillers rpt 70m (229.7 ft) NB: drill rig kept slipping off set-up & breaking rods								
		Logged by R.V. Zalnieriunas March 25/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-44

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
66.55	-44.40+	359.00+
133.10	-44.40	359.00
174.15	-44.30+	359.90+
215.20	-44.30	359.90

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45
Collar Eastings: 6195.86
Collar Northings: 2246.15
Collar Elevation: 7975.00
Grid: 2002 Imperial
Boyles 25 Dates: March 21-23/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 646.00 feet
POWELL TP.; CLAIM: MR 5380 XL18+16NE,26+87NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 26, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.8	Casing all casing left in place. Drill hole intersected an old stope (4th level west). Attempted to cement the hole but the casing came up when pulling the rods. Could not go back down to place the rubber plug. Lowered rods 12 ft into the cavity when intersected stope								
4.8	86.7	Diabase Colour dark grey, quite hard, strongly magnetic, non-calcitic. Massive porphyritic texture with medium grained amphibole Phenocrysts set in a dark grey matrix. Trace epidote-calcite veinlets. The core is quite blocky, but no significant sections of missing core are observed. Lower contact of the dyke is obscured by a 0.5 ft section of broken/gougy core								
86.7	94.4	Intermediate dyke Colour medium to dark grey, very hard, non-magnetic, non-calcitic. Massive aphanitic texture. 5-7% hairline calcite-rich veinlets/stockworking throughout. Trace to rare quartz-tourmaline veinlets. C0-2, A2 (86.7-91), A4 (91-94.4), M0 -no significant pyrite observed	20595	86.70	91.00	4.30	17			
			20596	91.00	94.40	3.40	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
94.4	102.3	Ankeritized mafic volcanics	20597	94.40	98.20	3.80	33			
		Colour variable from medium green to creamy yellow green	20598	98.20	102.30	4.10	2			
		depending on strength of ankerite alteration, moderately soft,								
		non-magnetic, strongly calcitic. Aphanitic moderately to well								
		developed foliated texture								
		-a 0.5mm wide tourmaline veinlet is present at 100.5 ft and is								
		strongly contorted and wormy in shape								
		-core angle: 75 to CA at 102.3 ft: contact								
		-core angle: 55 to CA at 98 ft: foliation								
		C6, M0, A6								
		-moderate pervasive ankerite alteration comes in around 98 ft,								
		occurring as bands and patches to 1cm wide that are separated by								
		thin chloritic lamellae. Trace quartz-ankerite veinlets and								
		patches to 1mm in width								
		-no significant pyrite mineralization								
102.3	122.3	Ankeritized shear zone	20599	102.30	104.00	1.70	31			
		Overall colour is a creamy yellow-green, moderately soft, non-	20600	104.00	105.00	1.00	5897		0.166	
		magnetic, weakly calcitic. Strongly foliated, sheared texture	20601	105.00	107.00	2.00	122		0.003	
		with abundant medium green chloritic stringers/stockworks to	20602	107.00	108.20	1.20	4766		0.140	
		1-3mm in size separating bands & patches of ankerite. At times	20603	108.20	109.40	1.20	5863		0.167	
		these chloritic stringers combine to form an anastamosing pattern	20604	109.40	113.50	4.10	79			
		suggestive of a sheared interval	20605	113.50	116.30	2.80	21			
		-quartz-ankerite is present throughout the interval, but are rare	20606	116.30	117.70	1.40	10			
		concentrated in the 104-110 ft interval. The veins generally	20607	117.70	122.30	4.60	3			
		parallel the foliation, but can cross-cut it too.								
		-core angle: 45 to CA at 103 ft: shearing								
		-core angle: 55 to CA at 122.3 ft: contact								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		C2-0, M0, A6, chl 6 -strong pervasive ankerite-sericite(?) -chlorite alteration throughout the interval, all in roughly equal proportions -sharp upper and lower contacts to the alteration zone Pyrite mineralization overall is absent, except associated with quartz-ankerite veined sections as described at 104-109.4 ft 104.0-109.4 zone of quartz-ankerite-chlorite veining. Overall vein abundance is easily 30-40% with the largest vein being 0.5 ft in width (104.5 ft). The quartz in the veins is generally a light grey in colour and contains variable amounts of ankerite-chlorite. The veins generally appear to follow foliation 5-7% disseminated fine grained magnetite is present in this sub-section, sitting in the host rocks Ankerite-sericite-chlorite alteration as described. Some weakly developed grey-type alteration is associated with the veins at 108-109 ft. Weakly developed textured evidence suggests that the veins and their alteration envelops post-dates the shear ankerite-chlorite alteration Overall pyrite abundance is 3-5% occurring as finegrained to very fine grained disseminations. Pyrite is typically subhedral. Magnetite and pyrite are generally antithetic? (Do not occur together). 108.7 ft several specks of very fine grained **visible gold** are observed within the quartz of a thin, wormy vein that is cross-cutting foliation 116.3-117.7 short section of quartz-sericite-tournaline veining,									

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		accounting for 10-15% of the interval								
		A 0.1 ft wide foliation-parallel white quartz vein is noted at 114.3 ft								
122.3	138.5	Ankeritic massive mafic volcanics	20608	122.30	126.00	3.70	12			
		Colour dark green, moderately hard, non-magnetic, non-calcitic	20609	126.00	131.00	5.00	132			
		(locally strongly calcific). Massive aphanitic texture, weakly	20610	131.00	136.00	5.00	5			
		foliated within 5 ft of upper contact. Trace quartz-calcite veinlets								
		C0, A6, M0								
		-pervasive, disseminated 0.1-0.5mm sized ankerite grains throughout								
		-no significant pyrite mineralization								
138.5	180.0	Foliated, ankeritized mafic volcanic	20611	136.00	139.00	3.00	NIL			
		Colour variable from dark green to creamy yellow-green depending	20612	139.00	141.00	2.00	178			
		on strength of alteration, quite hard, non-magnetic, non-	20613	141.00	146.00	5.00	7			
		calcitic.	20614	146.00	151.00	5.00	NIL			
		Where the alteration is least strong the core is a massive to	20615	151.00	155.00	4.00	NIL			
		moderately foliated mafic volcanic. Abundant zones of alteration	20616	155.00	160.00	5.00	5			
		are present throughout, occurring as foliation-parallel bands of	20617	160.00	165.00	5.00	NIL			
		sericite-ankerite, patches (usually associated with a quartz-	20618	165.00	166.00	1.00	NIL			
		(ankerite) patch, and as pervasive sections to 5 ft in width. A	20619	166.00	169.40	3.40	NIL			
		sheared texture is observed in the fresher sections with hairline	20620	169.40	173.70	4.30	22			
		to 1-7mm wide chloritic veinlets defining an anastomasing pattern	20621	173.70	175.00	1.30	617	530		
		-dissemination, patches, and stringers of magnetite are commonly	20622	175.00	180.00	5.00	7			
		observed especially on the heavier altered sections								
		-core angle: 50 to CA at 146 ft: shearing								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 60 to CA at 163 ft: shearing								
		C0,1 A6, M0 (locally M6 with stringer & patchy hydrothermal magnetite) -pervasive & patchy sericite-ankerite alteration accounts for 20-25% of the interval -no significant pyrite mineralization								
		155.0-160.0 and 165.0-166.0 ft Intensely developed quartz-sericite-ankerite alteration zones containing 3-5% hydrothermal magnetite stringers, patches (1-3mm) and fine disseminations. At times these sections appear to be some type of quartz-phyric tuffs, but the alteration fronts can clearly be seen. Trace patchy quartz/ no significant pyrite observed. -core angle: 55 to CA at 156 ft: foliation								
		168.4 ft Ankerite-(quartz)-(pyrite) veinlet to 1cm is present at 130 to CA. The veining has a 0.2 ft long alteration halo (ser-ank-py) on the downhole side, and the pyrite is medium grained, subhedral (1% on the vein)								
		172.8 ft A 0.2 ft long section of grey silica-sericite-(ankerite)-pyrite-tourmaline is present at 45 to Ca. The alteration is symmetrical about a 1mm wide ankerite center								
		173.7-175.0 ft Quartz-ankerite-tourmaline vein (0.3 ft) oriented at 35 to Ca contains a strong silicic-pyritic alteration halo on the up-hole side								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Sil6, ank6 5% diss fine-medium grained subhedral pyrite								
180.0	269.2	Massive mafic volcanic Colour medium green-grey, moderately hard, variably magnetic, variably calcitic. Massive aphanitic texture with occasional short sections of weak-moderate foliated material over 5-10 ft -quartz-calcite veinlets are quite abundant in the 180-1\218 ft section, accounting for 5-7% of the unit. These veinlets are typically 1-5mm in width and appear to occur as conjugate sets. -core angle: 55 to CA at 207 ft: foliation M0 (180-210), M2 (210-220), M6 (220-256), M0-(2) (256-269.2), C2(180-200), C6 (200-240), C2 (240-250), C0 (250-269.2), A4 (180-195),A2 (195-210), A0 (210-246), A0-2 (246-269.2) -disseminated magnetite becomes visible below approx 225 ft through to approx 260 ft -no significant pyrite mineralization observed 240-269.2 ft section of increased abundance of calcite-rich veinlets & patches oriented at all angles to CA. Many of the veinlets do not exceed 5mm in width. Veinlet abundance estimated at 10% 257.5ft 1cm wide qtz-tourmaline-calcite vein is oriented at 160 to CA	20623	180.00	186.00	6.00	NIL			
			20624	186.00	191.00	5.00	NIL			
			20625	191.00	196.00	5.00	3			
			20626	246.00	251.00	5.00	19			
			20627	251.00	256.00	5.00	7	10		
269.2	283.2	Mafic tuff Colour medium green, moderately soft, non-magnetic, variably calcitic. Well developed foliated texture								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-7-10% calcite-rich veinlets to 5mm in width are present throughout the section oriented at all angels to CA -core angle: 60 to Ca at 275 ft: foliation C6-(4), M0, A0-(2)								
283.2	311.7	Massive mafic volcanic Colour medium green, moderately hard, strongly magnetic, non-calcitic. Massive, aphanitic texture with occasional moderately foliated sections to 1-2 ft in length -quartz-calcite-epidote and calcite-rich veinlets and patches to 1-2cm are an estimated 5% in abundance and are oriented at all angles to CA M6, C0-(4), A0 -no significant pyrite mineralization is observed. A 5mm sized patch of chalopyrite is observed at 795 ft.	20628 20629 20630	286.00 291.00 296.00	291.00 296.00 301.00	5.00 5.00 5.00	14 10 5			
311.7	317.6	Fine diabase dyke Colour black, hard, strongly magnetic, non-calcitic. Massive aphanitic texture. A section/inclusion of what appears pillowed basalt is present at 313.7-314.7 ft. -abundant calcite-rich veining to 0.4 ft in length -core angle: 135 to CA at 311.7 ft: contact C0, A0, M6 -no significant pyrite mineralization								
317.6	327.8	Mafic pillow breccia and cherty tuff Colour dark green to dark grey, moderately soft, non-calcitic,								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		strongly magnetic. Generally a mottled/brecciated texture with 0.1-0.5 ft long sections at grey mafic volcanic pillow breccia fragments separated by a yellow-green matrix. The final 2.4Ft at the section appears to be an interbedded sec tion of mafic tuff and a medium-grey coloured cherty tuff. -5-7% calcite-rich veinlets & patches -core angle: 75 To cA at 327.8 ft: contact C0 (locally C4), A2-(4), M6 Trace patchy & disseminated fine grained pyrite								
327.8	434.2	Massive mafic volcanic Colour medium green, moderately hard, strongly magnetic, non-calcitic. Overall a massive, aphanitic texture containing 5-7% very fine grained disseminated leucoxene. 3% calcite-rich veinlets & patches reach 1-2cm in size. Coarse grained pyrite is weakly associated with these calcite veinlets. Several occurrences of euhedral magnetite located along the walls of calcite veinlets are noted in the375-381 ft section. Disseminated fine grained magnetite is readily observed throughout and is 3-5% in abundance. Occasional occurrence of quartz-calcite-chlorite veinlets and patches to approx 0.1 ft and present throughout the section and are at variable angles to CA. These qtz-cc-chl veins seem to be concentrated in the 406-44.7 ft interval where they amount to 7-10% abundance. M6, C0, A2 (327.8-396), A0 (396-411), A0/A2 (411-434.2) Trace disseminated coarse grained calcite-rimmed subhedral pyrite is present throughout the section	20631	401.00	406.00	5.00	3			
			20632	406.00	411.00	5.00	NIL			
			20633	411.00	416.00	5.00	NIL			
			20634	416.00	421.00	5.00	NIL			
			20635	421.00	426.00	5.00	NIL			
			20636	426.00	431.00	5.00	NIL			
			20637	431.00	434.20	3.20	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
434.2	530.2	Mafic intrusive (medium grained)	20638	461.00	465.00	4.00	NIL	5		
		Colour medium to dark green, moderately soft, strongly magnetic,	20639	465.00	467.00	2.00	5			
		non-calcitic. The grain size is variable from very fine to	20640	467.00	471.00	4.00	9			
		medium grained with mafic and white feldspar phenocrysts to 1-2mm	20641	496.00	501.00	5.00	NIL			
		easily visible in the coarse sections. Overall massive texture,	20641	501.00	506.00	5.00	NIL			
		locally weakly foliated.	20643	506.00	511.00	5.00	NIL			
		-veining is 1-3% in abundance, occurring as mostly discrete veins and occasional patches. The veins can reach 0.1 ft in width. The vein mineralogy is an assortment of quartz-calcite-epidote-chlorite-magnetite-red hematite-specular Hematite								
		-disseminated fine to very fine grained magnetite is commonly visible								
		-core angle: 50 to CA at 530.2 ft: contact								
		C0, A0, M6								
		-Epi 2 -moderate Epidote alteration as veinlets & patches /sections to 0.4 ft in length								
		-1% diss & patchy fine grained euhedral pyrite, weakly associated with the veining and /or epidote alteration.								
		-trace disseminated very fine grained chalcopyrite is noted hosted by calcite-specular hematite veinlets in the 503-506 ft section.								
		-a 5mm wide specular hematite stringer is noted associated with an epidote patch at 524.6 ft								
530.2	544.9	Fine grained mafic intrusive	20644	536.00	539.00	3.00	10			
		Colour dark green, moderately hard, strongly magnetic, non-	20645	539.00	541.00	2.00	12			
		calcitic.	20646	541.00	544.90	3.90	5			
		Massive aphanitic to very fine grained texture. 5-7% quartz-calcite-chlorite veinlets to 1cm are oriented at all angles to CA								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		but often display conjugate patterns -core angle: 70 to CA at 544.9 ft: contact M6, C0, A0 Trace to 1% diss very fine grained euhedral pyrite shows a weak association with the qtz-cc veinlets. A 1cm qtz-cc vein at 539.6 ft contains 3% diss fine grained chalcopyrite (vein at 65 to CA)								
544.9	600.0	Pillowed (?) Mafic volcanic Colour medium green-grey, moderately hard, strongly magnetic, generally non-calcitic with local sections of moderate to strong pervasive calcite enrichment. Massive aphanitic texture. A pillowed texture is suggested in some sections where a thin (4cm) band of dark green chloritic material is suggestive at hyaloclastite? -core angle: 60 to CA at 600.0 ft: contact C0 (544.9-591), C6 (591-600), M6 (544.9-591), M0 (591-600), A0 (544.9-600) -abundant calcite-rich veinlets and patches have been present since about 530 ft. The patches can reach 0.1 ft in length and the veinlets can be to 1cm in width. Occasional breccia textures are formed by the veinlets. Specular hematite is noted in a calcite-rich veinlet at 553.3 ft, and a coarse grained euhedral crystal of chalcopyrite is observed in a calcite-rich vein at 561.7 ft. Overall vein abundance estimated at 15-20% -an additional 5mm sized speck of chalcopyrite is observed in a calcite veinlet at 580.0 ft 1% disseminated fine grained disseminated to patchy pyrite is	20647	544.90	551.00	6.10	10			
			20648	551.00	556.00	5.00	2			
			20649	556.00	561.00	5.00	14			
			20650	561.00	563.00	2.00	5			
			20651	563.00	566.00	3.00	9			
			20652	566.00	571.00	5.00	12	12		
			20653	571.00	576.00	5.00	3			
			20654	576.00	579.00	3.00	NIL			
			20655	579.00	581.00	2.00	NIL			
			20656	581.00	586.00	5.00	9	3		
			20657	586.00	591.00	5.00	10			
			20658	591.00	596.00	5.00	7			
			20659	596.00	600.00	4.00	17			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		present throughout								
600.0	601.5	Cherty tuff Colour medium grey-green, hard, non-magnetic, non-calcitic. Aphanitic bedded to brecciated/contorted/disrupted texture containing approx 80% cherty tuffaceous material and the remainder is mafic tuff -quartz-calcite-tourmaline veining is present and sub-parallels the bedding planes. Overall vein abundance is estimated at 5% and the veins/patches can reach 0.2 ft in width M0, C0, A0 7% fine to medium grained pyrite is disseminated throughout the interval. The pyrite is subhedral and shows an affiliation for the tuffeous sections	20660	600.00	601.50	1.50	3			
601.5	624.2	Disseminated ankeritized massive mafic volcanic Colour dark green to black, moderately hard, variably magnetic, moderately calcitic. Massive to very weakly developed foliated, aphanitic texture -calcite-rich veinlets to 1-3mm are present throughout and are at all angels to CA -gradational lower contact over 0.1 ft -trace qtz-sericite veinlets with wall rock alteration selvages are present at 621-622 ft M0 (601.5-610), M4 (610-620), M0 (670-674.2), C4 (601.5-621), C0 (621-624.2), A0 (601.5-615), A3 (615-620), A5 (620-624.5) -chlorite stringers/stockworks to 3mm in width are present in the 619-622 ft section	20661	601.50	606.00	4.50	NIL			
			20662	606.00	611.00	5.00	NIL			
			20663	611.00	616.00	5.00	NIL			
			20664	616.00	621.00	5.00	NIL			
			20665	621.00	624.20	3.20	178			

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HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-ankerite alteration in the form of disseminated, euhedral fine grained ankerite crystals is observed to increase in strength from nil at 601.5 ft through to 10-15% in the 619 ft area								
		1% diss fine grained anhedral pyrite								
624.2	634.3	Grey alteration zone	20665	624.20	626.00	1.80	5211		0.120	
		Colour light grey-brown, hard, non-magnetic, non-calcitic.	20667	626.00	628.00	2.00	2844		0.077	
		Massive aphanitic texture. A 2cm qtz-ank veinlet is noted at 625	20668	628.00	630.00	2.00	62			
		ft (55 to CA). A 0.2 ft section of quartz-brown sericite-pyrite	20669	630.00	632.80	2.80	38			
		is noted at 626.6 ft (65 to CA). A 0.5 ft section of quartz-	20670	632.80	634.30	1.50	487			
		green/yellow sericite-pink material is present at 628.1 ft								
		M4, A6, C0								
		-strong pervasive ankerite-silica (?) Alteration obliterates all primary rock texture								
		Overall pyrite abundance is 1%, locally reaching 10% over 1 ft. the pyrite is fine to very fine grained disseminated and euhedral.								
		Disseminated fine grained magnetite is also present in the interval and located mostly in the 624.2-630 ft section								
		-alteration relationships suggest that the ank-sil-py alteration over-prints the diss magnetite								
		634.3 ft EOH -Drillers rpt 97m (646.3 ft)								
		Opening -suspect this is the stope on 4 level west.								
		Drillers lowered the rods 12 ft into the cavity without intersecting the other side, 3m block error noted high								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

up in the hole.

Logged on site
R. Pressacco March 26/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
69.90	-44.40+	324.30+
139.80	-44.40	324.30
189.00	-43.10+	327.80+
238.20	-43.10	327.80
287.40	-42.00+	
336.60	-42.00	
385.80	-40.80+	
409.75		327.59
435.00	-40.80	
484.30	-39.00+	

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HOLE No.: M03-45

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
409.75		327.59
435.00	-40.80	
484.30	-39.00+	
533.40	-39.00	
581.30	-37.90+	327.30+
631.80	-37.90	327.30

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-46
Collar Eastings: 6269.52
Collar Northings: 2142.69
Collar Elevation: 7985.00
Grid: 2002 Imperial
Boyles 25 Dates: March 23-25/03

Collar Inclination: -58.00
Grid Bearing: 325.00
Final Depth: 593.40 feet
POWELL TP.; CLAIM: MR 5401 XL18+16NE,25+60NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 28, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.9	Casing all casing left in place. Drillers report hole intersected an opening at 181m (594 ft) and lowered 4 ft of rods before intersecting the other side of the opening -hole not cemented								
4.9	6.9	Ankeritized mafic tuff Colour dark grey-grenn, moderately soft, non-magnetic, non-calcitic. Weakly foliated very fine grained texture containing a few patches suggestive of fragments -core angle: 145 to CA at 6 ft: foliation M0, C0, A6 -pervasive strong ankerite alteration 1% diss fine grained anhedral pyrite	20707	4.90	6.90	2.00	103	86		
6.9	22.5	Silica-sericite-ankerite alteration zone Colour variable from dark green-grey to medium grey, hardness variable to very hard, non-calcitic, non-magnetic. This zone is comprise of a number of sections of intense silicic alteration (up to 2 ft in length) that are separated by sections of less-altered material (massive mafic volcanic?). Upper and lower contacts are chosen as first and last appearance of significant alteration and are gradational -core angle: 145 to cA at ft: foliation	20708	6.90	7.90	1.00	99			
			20709	7.90	11.80	3.90	137			
			20710	11.80	16.50	4.70	86	96		
			20711	16.50	19.40	2.90	149	111		
			20712	19.40	22.50	3.10	5			

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HOLE No.: M03-46

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A6, M0, C0 -strong silicic alteration imparts a grey colour to the rock. These silicified Zones are overprinted by a stockwork system of tight fractures that have a strong alteration envelope around them. This alteration is a pink-brown colour. Late-stage quartz-ankerite-(pyrite)-(tourmaline) veinlets are present to 2cm in width and are oriented at high angles to CA. The edges of the silicic alteration seems to be at high angles to CA. The intensity of alteration decreases dramatically below about 70ft, becoming the occasional quartz-ankerite-sericite veinlet with reactive/altered vein walls Overall pyrite abundance is 1% occurring mostly as fine grained dissemination and patches of euhedral pyrite concentrated in the silicified zones, and with quartz-ankerite veins								
22.5	88.5	Foliated mafic volcanic Colour medium green-grey, moderately soft, non-magnetic, moderately calcitic. A well developed foliated, very fine grained texture is defined by the alignment of thin hairline calcite patches, streaks and thin veinlets M0, A2(27.5-46), A0(46-78), A2(778-88.5), C4(locally C6 and C2) (2205-88.5) -no significant pyrite observed 41-61 ft section of calcite flooding, occurring as veinlets and occasional breccia patches. The veinlets are on the order Of 5mm	20713 20714 20715 20716	22.50 26.00 31.00 46.00	26.00 31.00 46.00 51.00	3.50 5.00 15.00 5.00	NIL NIL 10 NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-46

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		in width and are oriented at all angles to CA. Overall veinlet abundance is estimated at 15%. The veinlets contain the occasional quartz. Quartz-tourmaline veinlets are noted throughout this interval and have the same form and orientation as the calcite veinlets -core angle: 135 to CA at 65 ft: foliation								
88.5	189.9	Massive-weakly foliated mafic volcanic Colour very dark green-black to medium green-grey, moderately hard to hard, variably magnetic, non-calcitic. A weakly developed foliated texture is prevalent throughout the unit being defined by alignment of dark green chloritic stringers (3-5mm) that outline lighter yellow-green patches. In the non-foliated sections the rock is a dark green to black aphanitic texture. -1-3% calcite-rich veinlets to 5mm throughout at times containing minor epidote -core angle: 145 to cA at 141 ft: foliation -a 1cm qtz-tourmaline veinlet is noted at 96.1 ft and at 103.4 ft -core angle: 25 to CA at 1899.9 ft: intrusive contact M4 (88.5-111), M0 (111-121), M4-6 (121-141), M0 (141-161), M6 (161-189.9), A0 (88.5-151), A2 (151-171), A0 (171-189.9), C4-6 (88.5-111), C0 (111-189.9) -5% epidote-sericite-calcite veinlets & patches are present in the 151-189.9 ft section trace 1% diss fine grained pyrite	20717	91.00	96.00	5.00	14	21		
			20718	96.00	101.00	5.00	17			
189.9	286.4	Diabase dyke Colour medium grey, very hard, non-calcitic, strongly magnetic.								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Well developed fine to medium grained porphyritic texture containing plagioclase + anphibite Phenocrysts -the lower 5 ft of the dyke becomes quite blocky, RQD is estimated at 50%								
		C0, M6, A2 -no significant pyrite mineralization								
286.4	299.1	Foliated (faulted) mafic volcanic? Colour dark grey, hard, non-magnetic, non-calcitic. Aphanitic foliated texture makes a reliable determination of the lithology difficult. Abundant blocky core, overall RQD estimated at 75% -core angle: 135 to CA at 299 ft: foliation -296.0 ft 1.0 ft long quartz-calcite-(chlorite) vein contains trace diss very fine grained pyrite. The upper contact is oriented at 160 to CA	20719	293.00	295.00	2.00	5			
			20720	295.00	297.50	2.50	17			
			20721	297.50	299.10	1.60	5			
		C0, M0, A0 -hairline sericite-hematite-calcite stringers throughout -no significant pyrite mineralization								
299.1	313.9	Sheared mafic tuff? Colour medium grey-green, moderately hard, non-magnetic, non-calcitic. A strongly developed foliated fabric makes identification of the primary lithology difficult. However a few short sections of less determined core have the appearance of cherty tuff and mafic tuff. Upper & lower contacts are chosen as the basis of colour change. Trace to 1% calcite-rich stringers. A 0.2 ft wide white quartz vein is present at 310.2 ft	20722	306.00	311.00	5.00	10			
			20723	311.00	313.90	2.90	3			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		C0, M0, A2 -weak pervasive ankerite alteration -no significant pyrite mineralization								
313.9	340.2	Sheared ankeritized mafic volcanics Colour light grey-green, moderately hard, non-magnetic, moderately to strongly calcitic. Strongly developed foliation/shearing texture is imparted to a fine grained matrix. -1-3% thin calcite-rich veinlets to 1cm wide are present at all angles to CA	20724 20725 20726 20727 20728 20729	313.90 316.00 321.00 326.60 329.00 334.50	316.00 321.00 326.60 329.00 334.50 340.00	2.10 5.00 5.60 2.40 5.50 5.50	NIL NIL NIL 300 15 NIL			
		C6-4, A4, M0, ser 4 -moderate pervasive ankerite alteration throughout. Moderate hairline yellow-green sericite alteration defines foliation/shearing -no significant pyrite mineralization								
		313.9-329.0 This interval contains the strongest developed fabric that is defined by alignment of weakly developed hairline yellow- green sericite veinlets/stringers and bands of calcitic-rich material to 1-3mm. The strongest developed sheared fabric is found in the 326.6-329.0 ft interval where abundant aphanitic yellow-green sericite lamellae To 1-3mm wide are interspersed with lamellae Of calcite-rich material and less sheared host rock. Overall sericite abundance estimated at 40-50% -quartz-tourmaline-(ankerite)-calcite veining is commonly observed in the sheared section, occurring as veins of white quartz to 0.2 ft in width and sub-parallel the foliation. 1mm wide tourmaline veinlets are also present in the interval and are often wormy in outline, resembling a meandering river in									

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		shape -Overall vein abundance estimated at 7% -core angel: 135 to cA at 327 ft: shearing -gradational lower contact over 1-2cm Trace diss fine grained pyrite in the sheared interval								
340.2	340.6	Grey alteration zone Colour light grey, very hard, non-magnetic, non-calcitic. Massive very fine grained texture. A 1cm wide glossy quartz-ankerite-pyrite veinlet is present in the central portions of the zone with the grey alteration reaction rims penetrating into the wall rock from the vein. A weakly developed foliation fabric from the host rock remains visible through the alteration, and the vein clearly sits at approx a 60 angle to the fabric -core angle: 145 to CA at 340.5 ft: foliation -core angle: 60 to CA at 340.5 ft: quartz-ank vein A6, C0, M0 -strong pervasive grey alteration 5% very fine grained disseminated anhedral pyrite. Trace-1% fine to medium grained euhedral pyrite sits in the quartz-ankerite vein								
340.6	369.5	Foliated mafic volcanics Colour medium grey-green, moderately hard, non-magnetic, moderately calcitic. Well developed foliated very fine grained texture is defined alignment of light coloured hairline sericitic veinlets and patches	20730	340.00	341.00	1.00	1611		0.047	
			20731	341.00	346.00	5.00	3			
			20732	346.00	351.00	5.00	NIL			
			20733	351.00	356.00	5.00	NIL			
			20734	356.00	361.00	5.00	5			

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HOLE No.: M03-46

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-1% calcite-rich veinlets to 1-3mm at all angles to cA	20735	361.00	366.00	5.00	27			
			20736	366.00	369.50	3.50	33			
		M0, C4, A4-6 Trace disseminated pyrite is associated with a 1cm calcite-chlorite veinlet at 351.3 ft. Trace chalcopyrite Is observed ina thin quartz stringer with wall rock sericite alteration at 369 ft								
369.5	370.6	Quartz-ankerite-chlorite vein & alteration Colour variable from white to pale cream brown, very hard, non-magnetic, non-calcitic. Approx 50% of the interval is taken up by a 0.6 ft long milky white quartz-ankerite-chlorite-pyrite-carbonate vein that is oriented at 60 to CA. The vein throws a strong ankerite alteration front from 369.5-370.0 ft, and for a 0.1 ft length below the vein. Much of the ank-chl-carb sit as linings to the vein wall. Irregular upper & lower contacts	20737	369.50	370.60	1.10	415	459		
		C0, M0, A6 -strong pervasive ankerite alteration selvages on either side of the vein								
		5-7% medium to coarse grained euhedral disseminated pyrite is hosted in the alteration selvage								
370.6	372.5	Weakly foliated mafic volcanic Similar to that described at 340.6 ft, but lacking the sericite hairline veinlets & patches	20738	370.60	372.50	1.90	5			
		C6, M0, A4 -moderate pervasive ankerite alteration with a 0.3 ft long								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-46

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		section of weakly developed grey alteration at 370.9 ft -no significant pyrite mineralization								
372.5	373.3	Grey alteration zone An irregularly shaped glassy quartz vein to 0.1 ft wide is present in the central portions of the alteration envelope -core angle: 145 to cA at 373.3 ft:; foliation M0, C0, A6 -strong pervasive wall rock ankerite alteration 3% fine to medium grained euhedral pyrite is present in the altered wall rocks of the vein								
373.3	386.3	Ankeritized, foliated mafic volcanics Colour yellow green-grey, moderately hard, moderately magnetic, non-calcitic. Moderately well developed foliated texture. A spotted texture is present in the 380-382 ft section with 15-20% fine-medium grained amphibole?/chlorite? spots sitting in an ankeritic matrix -occasional streak & patch of ankerite is present in the interval -core angle: 130 to CA at 385 ft: foliation M2, C0, A6 -strong pervasive ankerite alteration -no significant pyrite mineralization	20739 20740 20741 20742	372.50 373.50 376.00 381.00	373.50 376.00 381.00 386.30	1.00 2.50 5.00 5.30	24 NIL 19 62			
386.3	423.6	Grey alteration zone Colour variable from light brown-yellow to pale grey to light grey-green to light yellow-brown, very hard, non-magnetic, non-	20743 20744 20745	386.30 388.60 393.40	388.60 393.40 394.90	2.30 4.80 1.50	794 96 1416		0.040	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		calcitic.	20746	394.90	397.60	2.70	41			
		The unit is composed of a number of grey & brown ankerite-	20747	397.60	401.20	3.60	1063		0.035	
		sericite alteration zones that are separated by sections of less	20748	401.20	405.30	4.10	117			
		to weakly altered mafic volcanics. The alteration zones each	20749	405.30	407.10	1.80	2354		0.064	
		contain quartz-ankerite-(pyrite)-(tourmaline) veining and	20750	407.10	411.00	3.90	2846		0.083	
		attendant Wall rock alteration. The reaction fronts for each of	20751	411.00	416.00	5.00	4971	5280	0.145	0.154
		these alteration zones are gradational over 102cm	20752	416.00	417.60	1.60	4594		0.134	
			20753	417.60	418.60	1.00	5657		0.165	
		386.3-388.6 ft grey zone. 50% quartz-ankerite (qtz=ank) veining	20754	418.60	421.00	2.40	2366		0.069	
		to 0.4 ft in width. The veins are contorted & irregular in shape	20755	421.00	423.60	2.60	12514	11932	0.348	
		A6 -strong pervasive grey ankerite alteration								
		3% disseminated very fine to fine grained euhedral pyrite. Much of the pyrite sits on the wall rocks with a little on the veins								
		388.6-393.4 ft sericite(?)-ankerite altered mafic volcanics weakly developed foliation is defined by alignment of sericite bands. Trace irregularly shaped thin quartz veinlets have a ser-ank wall rock reaction halo -core angle: 140 to CA at 390 ft: foliation								
		A4, ser 4 moderate pervasive ankerite-sericite (?) Alteration. Alteration strength increases to strong pervasive below 392 ft Trace disseminated fine to very fine euhedral pyrite with the quartz stringers + sericite veinlets								
		393.4-394.9 ft grey zone. 50% ankerite-quartz veins (ank>quartz) to 0.2 ft in width oriented from 35-80 to CA								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

A4, ser 2 strong pervasive grey ankerite alteration, weak pervasive sericite alteration

5% very fine grained disseminated anhedral-subhedral pyrite, mostly in the altered wall rocks. Some pyrite in the veins is a bit coarse grained and is euhedral

394.9-397.6 ft sericite (?)-ankerite altered mafic volcanics. Trace quartz stringers with sericitic and incipient grey alteration are noted in the 396 ft section. Stringers are parallel to foliation

Ser 6, ank 6
-strong pervasive ankerite alteration, strong to moderate pervasive sericite alteration
Trace disseminated very fine grained euhedral pyrite is associated with the quartz stringers

397.6-401.2 ft grey alteration zone. 5% quartz-ankerite-tourmaline-chlorite veins to 2cm in width. The veins contain variable proportions of quartz, ankerite or tourmaline. Two dominant vein orientations are observed (70 and 160 to CA-400 ft)

A6 strong pervasive grey ankerite alteration
10% very fine grained disseminated anhedral pyrite in the altered wall rocks. Trace amounts of coarse grained pyrite on the veins

401.2-405.3 ft ankeritized mafic volcanics, massive texture

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

A6 strong pervasive ankerite alteration. Sericite has decreased to nil-trace
-no significant pyrite observed

405.3-407.1 ft grey alteration zone. 25% quartz-ankerite veins to 0.1 ft in width. The veins are both ankerite-dominated and quartz-dominated
-core angle: 150 to CA at 406.7 ft: vein
-core angel: 60 to cA at 406.9 ft: vein

A6 strong pervasive grey ankerite alteration, minor chloritic stringers
10% very fine grained diss anhedral pyrite in the altered wall rocks.
1% medium grained diss euhedral pyrite along some of the vein walls. Trace chalcopyrite observed in the vein at 405.8 ft

407.1-417.9 ft brown-grey alteration zone. 10% ankerite-rich veins to 0.5 ft in width are oriented at all angles to CA. Two distinct alteration types are observed -the grey massive ankerite alteration and a yellow-brown sercitic (?) Alteration. Textural relationships between the two are unclear. The brown alteration dominates the interval. Trace tourmaline observed in the vein at 410 ft, weak fabric at 135 to CA

A6, ser 6 strong pervasive ankerite and yellow-brown seritic (?) Alteration Abundant disseminated very fine grained pyrite sits mostly in the altered wall rocks. Estimate easily 15% pyrite overall. The pyrite is mostly anhedral in the alteration. Trace

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		amounts of fine-medium grained euhedral pyrite observed along vein wall. 1% chalcopyrite observed in an ankerite vein at 410.1 ft								
		417.9-418.6 ft ankeritized mafic volcanics -well developed foliated texture at 130 to CA. 15-20% fine leucoxene grains								
		A6, chl 4 moderate chloritic alteration, strong pervasive ankerite alteration -no significant pyrite mineralization								
		418.6-423.6 ft brown alteration zone. 40-50% ankerite-quartz veins (ank..quartz) to 1.6 ft in length (419.2-420.8 ft) are oriented both foliation-parallel and at high angles to CA								
		A6 + ser 6 strong pervasive ankerite-sericite alteration Abundant (15-20%) pyrite. Pyrite ranges from very fine grained to medium grained, disseminated euhedral in the altered wall rocks. In the veins the pyrite becomes medium to coarse grained (5-7mm) and euhedral								
423.6	456.1	Weakly foliated, ankeritized mafic volcanic	20756	423.60	426.00	2.40	638			
		Colour dark gr4een grey, moderately hard, non-magnetic,	20757	426.00	431.00	5.00	19			
		moderately to strongly calcitic. Moderately to weakly developed	20758	431.00	436.00	5.00	27			
		foliated aphanitic texture. Intensity of foliation decreased	20759	436.00	441.00	5.00	18			
		downhole. Quartz-calcite veinlets and patches are present in 10%	20760	441.00	446.00	5.00	5			
		abundance, occurring as veinlets to 1cm in size and as thin	20761	446.00	451.00	5.00	48			
		stringers. The larger veinlets are generally oriented sub- parallel to Ca and are ptygmatically folded								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 135 to CA at 446 ft: foliation								
		C5, A0, M0 -moderate spotty/disseminated calcite alteration decreases in intensity downhole Trace diss very fine grained pyrite is present typically associated with the ptygmatic Quartz veins								
456.1	491.5	massive mafic intrusive (?) Colour black, moderately soft, non-magnetic, variably calcitic. Moderately well developed foliated aphanitic texture -10-15% calcite-rich stringers, veinlets & patches are typically elongated along and define the foliation. Some calcite veinlets cross-cut the foliation. A 0.1 ft wide band of calcite-tourmaline-(quartz) is noted at 480.5 ft to be parallel to foliation -core angle: 135 to CA at 476 ft: foliation C2 (locally C6), M0, A0 Trace diss fine-medium grained euhedral pyrite is usually associated with calcite stringers								
491.5	562.6	Pillowed variolitic mafic volcanic Colour variable from light yellow green to light grey to dark green, pillow cores are very hard, hyaloclastic is moderately soft, non-calcitic, strongly magnetic. Well developed pillowed texture with hyaloclastic intervals up to 0.5 ft wide defining small pillows on the order of 1-2 ft in length. The pillow selvages are often variolitic, especially in the 491.5-510 ft section. Some pillow cores display pervasive epidote alteration.	20762	521.00	526.00	5.00	21			
			20763	526.00	528.00	2.00	10			
			20764	528.00	529.10	1.10	3			
			20765	529.10	531.00	1.90	12			
			20766	531.00	536.00	5.00	2			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Quartz-calcite veinlets are approx 3% in abundance, are typically 5-10mm in width and are oriented at all angles to CA.								
		C0, A0 - (locally A2), M6 1% diss fine grained euhedral pyrite is found with calcite veinlets and in hyaloclastic sections								
		512.6 ft a 1cm wide band of magnetite is oriented at 125 to CA 528.0-528.9 ft quartz-tourmaline-pyrite vein. Quartz is smoky, glassy in appearance. Abundant tourmaline is the vein -core angle: 145 to CA at 528.9 ft: vein								
562.6	593.4	Mafic intrusive Colour dark green, moderately hard, non-calcitic, moderately magnetic. Massive very fine grained texture -3-5% quartz-rich and calcite-rich veinlets to 1cm wide and oriented at all angles to CA. The quartz-rich veinlets often contain black tourmaline (eg 571-576 ft)								
		C0, A0, M4 -3-5% hairline epidote stringers at all angles to CA Trace -1% pyrite occurs as fine disseminated throughout the host rock, in association with calcite veinlets, and as medium-coarse grained euhedral disseminated in the host rock								
		593.4 ft EOH -Drillers rpt 592.2 ft								
		Logged on site R. Pressacco March 28/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
48.55	-57.10+	324.70+
97.10	-57.10	324.70
146.30	-56.30+	324.20+
195.50	-56.30	324.20
244.75	-56.10+	323.70+
294.00	-56.10	323.70
343.20	-54.90+	
392.40	-54.90	
441.60	-54.00+	
490.80	-54.00	
540.00	-53.30+	
589.20	-53.30	

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47
Collar Eastings: 6100.86
Collar Northings: 2033.14
Collar Elevation: 7975.00
Grid: 2002 Imperial
Boyles 25 Dates: March 25-27/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 681.50 feet
POWELL TP.; CLAIM: MR 5401 XL16+20NE,25+61NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: March 31, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	13.1	Overburden all casing left in place								
13.1	80.8	Diabase Colour dark grey, moderately hard, strongly magnetic, non-calcitic. Porphyritic medium grained texture containing anphibole phenocrysts in on aphanitic grey matrix. Footage error noted between the 26-36 ft blocks -actual distance is 15 ft between the blocks. -Trace epidote veinlets -core angle: 150 to CA at 80.8 ft: contact M6, A2, C0 -weak pervasive ankerite alteration -no significant pyrite mineralization								
80.8	143.5	Foliated mafic volcanic Colour black (80.8-115 ft) to light grey (115- ft), hard, non-magnetic, variably calcitic. Well developed foliated texture is defined by alternating light and dark coloured bands to 5mm in width. 1-3% thin calcite-rich veinlets, occasionally reaching 2cm wide. Larger veins containing quartz+pyrite are noted at 128.3 ft (0.2 ft,155 to CA) and 129.4-130.2 ft (irregular, sob-parallel to CA).	20767	122.00	127.00	5.00	NIL			
			20768	127.00	130.30	3.30	NIL			
			20769	130.30	135.00	4.70	NIL			
			20770	135.00	141.00	6.00	129			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A 1cm tourmaline-rich vein oriented sub-parallel to foliation noted at 127.5 ft -A 0.1 ft long section of cherty tuff noted at 114.8 ft -core angle: 130 to CA at 114.8 ft: bedding M6 (80.8-101), M0 (101-143), C0 (80.8-121), C4 (121-143.5), A4 (80.8-90), Aa0-2 (90-105), A4-6 (105-126), A2 (126-143.5) Trace diss very fine grained pyrite 139.0 ft A 0.5 ft long quartz-chlorite-sericite-pyrite vein is present. The quartz occurs as patches outlined by masses of chlorite. Upper contact at 75 to CA, lower contact at 125 to CA								
143.5	191.0	Ankeritized, sheared mafic volcanics Colour variable from dark green to light brown depending upon strength of alteration, moderately soft, variable magnetic (rich-magnetic to moderately magnetic), moderately to strongly calcitic, strongly developed, sheared texture is present from 154-191 ft, a weak to moderate foliation is developed in the 143.5-152 ft section. The sheared texture is defined by anastamosing 1-3mm wide chloritic bands outlining clots, 5-7mm wide bands and patches of ankerite alteration -core angle: 125 to CA at 165 ft: shearing -upper and lower contacts of the interval subjectively chosen as the first appearance of cream coloured ankerite alteration, and the last appearance of chloritic shearing + alteration M0 (143.5-161), M2 (161-166), M0 (166-171), M2-4 (171-186), M0 (186-191), A2 (143.5-151), A6 (151-176), A4/A2 (176-191)	20771	141.00	146.00	5.00	3			
			20772	146.00	151.00	5.00	67			
			20773	151.00	153.50	2.50	27			
			20774	153.50	156.00	2.50	123			
			20775	156.00	161.00	5.00	22			
			20776	161.00	166.00	5.00	10			
			20777	166.00	171.00	5.00	NIL			
			20778	171.00	176.00	5.00	NIL			
			20779	176.00	181.00	5.00	931			
			20780	181.00	182.50	1.50	101			
			20781	182.50	184.60	2.10	3394		0.087	
			20782	184.60	186.00	1.40	219			
			20783	186.00	191.00	5.00	87			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite mineralization other than that described in detail								
		154.0-154.7 ft banded sericite-ankerite-calcite-pyrite parallel to foliation. Sub-equal amounts of ser-ank-calcite -core angle: 135 to CA at 154.5 ft: foliation								
		5-7% disseminated fine grained subhedral to euhedral pyrite. At times heavy disseminated + oriented along foliation								
		155.6 ft 1cm wide qtz-cc vein oriented parallel to foliation contains 1% diss fine grained pyrite in wall rocks								
		156-161 ft 1% patchy fine euhedral pyrite								
		162 ft branching 1-2cm wide qtz-tour-pyrite-chalcopyrite veinlet is oriented at a high angle to CA								
		176-182.5 ft several thin (1mm) qtz-tourmaline veinlets sub-parallel foliation. A 0.2 ft wide milky quartz vein noted at 178.5 ft								
		182.5-184.6 ft quartz-ankerite-pyrite-chlorite vein contains a 0.3 ft long section of grey alteration at 182.2 ft. Trace tourmaline								
		3% pathcy pyrite + diss fine grained euhedral pyrite in the vein								
		189.5 ft 0.2 ft long band of qtz-tourmaline brown material is								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		oriented along foliation and is contained within a broader Length of chloritic alteration								
191.0	231.4	Foliated mafic volcanic Colour medium green, moderately soft, non-magnetic, moderately calcitic. Foliated, very fine grained texture is defined by alignment of chloritic bands/stringers to 1-3mm wide. 5-7% calcite veinlets + stockworks to 1-2cm in width are oriented at all angles to CA. Lower contact chosen as the location of flow-top breccia. -core angle: 115 to CA at 206 ft: foliation M0 (191-211), M2/0 (211-216), M4 (216-231.4), C4-6 (locally C2), A0 (191-206), A2 (206-226), a0 (226-231.4) Trace diss to patchy fine grained pyrite	20784 20785	191.00 196.00	196.00 201.00	5.00 5.00	17 9			
231.4	299.1	Massive mafic intrusive Colour light green-yellow, moderately soft, weakly magnetic, non-calcitic. Massive very fine grained texture. &% hairline epidote-rich stringers/threads at all angles to CA. 1-3% calcite-rich veinlets M2 (231.4-266), M4 (266-299.1), C0, A0 (231.4-246), A2 (246-299.1) -10-15% stringer & patchy epidote alteration throughout -no significant pyrite mineralization 231.4 ft 0.2 ft long section of flow breccia or interflow sediment at 150 to CA -5mm qtz-tourmaline veinlet at high angle to CA noted at								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		270.0 ft								
		255-271 ft heavy epidote alteration consisting of stringers, threads, and bands/sections to 1 ft in length. Estimate overall epidote abundance at 25-50%								
299.1	299.9	Diabase dyke Colour dark grey, aphanitic texture. Contacts at 160 to CA								
299.9	326.0	Fault zone?	20786	301.00	306.00	5.00	5			
		Colour light grey-green, moderately soft, non-magnetic, non-calcitic.	20787	306.00	311.00	5.00	NIL			
		Moderately to strongly developed foliated texture defined by alignment of hairline sericitic lavellae. The core is generally blocky (RQD estimated at 50%) and two occurrences of clay-filled fault gouge noted at 318.2 and 325.3 ft. Both gouge zones sub-parallel foliation and are 5mm in width	20788	311.00	316.00	5.00	NIL			
		-5-7% calcite veining/stockwork throughout								
		A0, c0, M0								
326.0	375.8	Folaited mafic volcanic	20789	323.00	327.00	4.00	10			
		Colour medium green-grey, moderately soft, non-magnetic,	20790	327.00	330.00	3.00	22			
		moderately to strongly calcitic. Well developed foliated very	20791	330.00	331.00	1.00	7			
		fine grained texture is defined by an anastamosing system at 1-5mm wide chloritic stringers. 1-3% calcite-rich veinlets at all	20792	331.00	334.00	3.00	NIL			
			20793	360.80	366.00	5.20	NIL			
		angels to CA. Occasional foliation -parallel band of calcite-rich	20794	366.00	368.90	2.90	NIL			
		material to 0.1 ft in width	20795	368.90	369.80	0.90	46	45		
		-core angle: 135 to CA at 342 ft: foliation	20796	369.80	371.00	1.20	5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0 (326-3515), M2 (351-367), M0 (367-375.8), A2 (326-366), A0 (366-375.8), C0 (326-329), C0 (329-333), C6-4 (333-366), C4 (366-375.8) -no significant pyrite mineralization								
		368.9-369.8 ft zone of calcite-pyrite banding. Approx 50% of the interval consists of two foliation-parallel calcite-pyrite bands to 0.1 ft thick -core angle: 130 to CA at 369 ft: foliation								
		Overall 5% pyrite, but pyrite is 10% within the calcite bands. The pyrite is very fine grained euhedral								
		Abundant (15-20%) fine grained leucoxene 369.8-272 ft								
375.8	377.1	Mafic tuff (?) Colour medium green-grey, moderately hard, non-magnetic, non-calcitic. Well developed banded, (bedded?) Texture sharp upper + lower contacts along with well defined banding contacts suggest that this is a tuff/interflow unit -5-7% calcite-rich veinlets are present along the bedding -core angle: 130 to CA at 376 ft: bedding	20797	371.00	376.00	5.00	NIL			
		M0, A0, C0 Trace diss very fine grained euhedral pyrite								
377.1	420.2	Massive mafic volcanic Colour medium-dark green, moderately hard, non-magnetic, variably calcitic. Massive aphanitic to fine grained texture. Weakly developed amygdaloidal textures observed in the 401-406 ft	20798	401.00	406.00	5.00	NIL			
			20799	406.00	411.00	5.00	NIL			
			20800	411.00	416.00	5.00	NIL			
			20801	416.00	420.20	4.20	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		section -calcite-rich veinlets are 3-5% in overall abundance, but increasing in concentration downhole from trace at upper contact to 5-7% at the lower contact. The veinlets occur as thin stringers, bands to 1cm and breccia textured zones. The quartz content of these veinlets increases noticeably downhole and occasional ankerite is observed (eg 412-420.2 ft). A 0.1 ft wide qtz-ank-chl vein at 55 to CA is noted at 416.0 ft A0, C2-4 (377.1-391), C6 (391-401), C2-4 (401-420.2),M0 1% diss euhedral-subhedral fine grained pyrite								
420.2	430.4	Grey alteration zone Colour variable from white to light grey-brown, variable hardness depending on quartz, non-magnetic, non-calcitic. Abundant quartz veining accounts for about 50% of the interval with the intervening wall rocks strongly variably developed degrees of alteration. A least altered section at 425 ft display a weak remnant foliation -core angle: 145 to cA at 475 ft: foliation -the quartz veins are milky white in colour, are dominated by quartz and contain an ankerite-tourmaline-pyrite accessory assemblage. The ankerite and pyrite are usually located along vein walls while the tourmaline is found either along the vein walls or within the veins themselves. The tourmaline (shard) occurs as either bands of massive black tourmaline to 507mm, as patches to 5-7mm, or as disseminated acicular crystals. The veins reach 1.4 ft in width. -core angle: 65 to cA at 422.0 ft: vein -in contact -core angle: 130 to cA at 423.4 ft: vein -out contact	20802	420.20	421.30	1.10	1440		0.042	
			20803	421.30	423.40	2.10	4423		0.118	
			20804	423.40	425.50	2.10	1474		0.049	
			20805	425.50	427.10	1.60	1440		0.050	
			20806	427.10	428.70	1.60	2846		0.090	
			20807	428.70	430.40	1.70	1798		0.050	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 85 to CA at 425.5 ft: vein -in contact -core angle: 160 to cA at 426.9 ft: vein -out contact A0,k M0, C2, ser 6-(4) -strong pervasive sericite alteration in the wall rocks at the veins, and along the walls at quartz stringers. Fine diss pyrite usually accompanies this alteration. A few quartz stringers contain a dark green chlorite accessory Overall 3-5% diss very fine to fine grained subhedral to euhedral pyrite. Pyrite is mostly located in the wall rocks immediately adjacent to the veins, but some pyrite is hosted by the veins themselves. The vein-hosted pyrite appears slightly coarse grained in general								
430.4	528.4	Massive mafic intrusive Colour medium green-grey, hard, non-magnetic, moderately calcitic. Massive fine to medium grained, with a moderately well developed foliated texture in the 461-468 ft section. -trace-1% calcite-rich veinlets occur as thin 1-3mm wide veinlets at all angles to CA, but none as hairline crackle breccia -quartz-calcite-pyrite-tourmaline veins are noted at 464.7 ft (115 to CA, 5mm wide) and at 466.5 ft (95 to CA, 0.1 ft wide) -well developed disseminated leucoxene noted in the 496-510 ft section -A 0.7 ft wide quartz-=calcite-chlorite-tourmaline vein is noted at 521.0 ft (lower contact 50 to CA), and a second 0.2 ft wide vein is noted at 523.2 ft M0 (430.4-478), M4-6 (478-528.4), A2 (430.4-491), A0 (441-528.4),	20808	430.40	436.00	5.60	39			
			20809	436.00	441.00	5.00	5			
			20810	441.00	446.00	5.00	202			
			20811	446.00	464.30	18.30	5			
			20812	464.30	467.00	2.70	NIL			
			20813	467.00	471.00	4.00	17			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		C3 (430.4-441), C2-(4) (441-466), C1-3 (466-480), C6 (480-490), C1-3 (490-513), C0 (513-528.4) -no significant pyrite mineralization								
528.4	582.5	Massive mafic volcanic Colour light green-grey, quite hard, non-magnetic, non-calcitic. Massive to very weakly foliated, very fine grained texture -the foliation picks up below approx 576 ft, becoming well foliated to the lower contact. The foliation is defined by calcite-rich bands (some with quartz) to 2cm in width. Estimate 10-15% calcite-rich bands in the 576.582.5 ft section -core angle: 130 to CA at 579 ft: foliation -a 0.3 ft wide calcite-quartz-chlorite vein is noted at 574.0 ft (45 to CA)	20814	566.00	571.00	5.00	3			
			20852	571.00	576.00	5.00	NIL			
			20853	576.00	581.00	5.00	NIL			
			20854	581.00	582.50	1.50	5			
		M0, A2 (578.4-556), A0 (556-582.5), C0 Trace diss fine-medium grained subhedral pyrite								
582.5	583.7	Grey alteration zone (calcite-pyrite) Colour brown-grey, very hard, non-magnetic, strongly calcitic. Massive to wavy foliated texture. Abundant calcite as very fine grained matrix, occasionally defining a weakly developed brecciated texture. A 0.1 ft wide glassy quartz vein is present in the central portions of the alteration zone and is oriented at a low oblique angle to the lower contact. The upper contact is a bit wavy and irregular, but the lower contact is very sharp and distinct -core angle: 130 to cA at 583.7 ft: contact	20855	582.50	583.70	1.20	58	60		
		C6, A0, M0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		20% disseminated very fine grained euhedral pyrite is mostly present in altered wall rocks but some is present in the vein as well								
583.7	591.1	Weakly foliated mafic volcanic Colour dark green to black, very hard, strongly magnetic, non-calcitic. Weakly foliated aphanitic texture is defined by alignment of calcitic veinlets & patches and small dark green patches. Trace-1% calcite-rich veinlets. Lower contact chosen as first appearance of significant quartz veining and sericitic alteration M0, c0, A0 -no significant pyrite mineralization	20856	583.70	586.00	2.30	NIL			
			20857	586.00	591.10	5.10	3			
591.1	618.2	Quartz veined alteration zone Colour dark green to black, hard, non-magnetic, weakly calcitic. The texture is quite variable ranging from sections of well developed foliated streaky basalts to chaotic stringer veined to brecciated texture in some quartz veins. Two major veins are found in this interval M0, A6, C2, chl 4 -moderate to strong chloritic alteration is overprinted and hosts quartz-ankerite veinlets & patches. These veinlets are typically ankerite-rich (creamy coloured) with medial quartz. Approx 40% of the interval consists of qtz-ank material. The form of the alteration varies from a foliated/streaky texture (591.1-596 ft) through to a veined/wormy/chaotic section (596-613 ft) to a spotted texture (613-618.2 ft)	20858	591.10	593.40	2.30	166			
			20859	593.40	596.00	2.60	2			
			20860	596.00	601.00	5.00	2			
			20861	601.00	606.00	5.00	NIL			
			20862	606.00	611.00	5.00	34			
			20863	611.00	614.70	3.70	17			
			20864	614.70	617.20	2.50	2	7		
			20865	617.20	618.20	1.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace diss fine-medium grained euhedral pyrite. A few specks of chalcopyrite are observed in a quartz veinlet at 612.7 ft								
		591.1-593.4 ft brecciated quartz-tourmaline-(ankerite)-(talc?) Vein. Indistinct contacts								
		614.7-617.2 ft quartz-tourmaline-ankerite vein (qtz=tour=ank) contains traces of acicular /platy talc! -lower vein contact is oriented at 60 to CA, but oblique to foliation -core angle: 120 to CA at 595 ft: streaky basalt								
		617.6-618.0 ft patch of qtz-ank-tourmaline only goes halfway into the core								
618.2	681.5	Ankerite/calcite altered mafic intrusive	20866	618.20	621.00	2.80	5			
		Colour dark green to black, hard to moderately hard, variably	20867	621.00	626.00	5.00	7			
		magnetic, variably calcitic. Massive to weakly foliated spotted	20868	626.00	631.00	5.00	2			
		texture. Trace calcitic veinlets	20869	631.00	636.00	5.00	9			
			20870	636.00	641.00	5.00	10			
		M0 (618.7-626), M4 (626-650), M0 (650-689.5), A5 (618.2-641), A0	20871	641.00	646.00	5.00	7			
		(641-646), A1 (646-656), A0 (656-689.5), C0 (618.2-641), C5 (641-	20872	646.00	651.00	5.00	3			
		650), C3-(1) (650-674), C4 (674-689.5)	20873	651.00	656.00	5.00	10	5		
		-no significant pyrite mineralization	20874	656.00	661.00	5.00	NIL			
			20875	661.00	666.00	5.00	2			
		681.5 ft EOH -Drillers rpt 680.8 ft	20876	666.00	671.00	5.00	NIL			
			20877	671.00	676.00	5.00	9			
		Logged on site	20878	676.00	681.50	5.50	10			
		R. Pressacco March 30/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-43.80+	
93.80	-43.80	
143.05	-43.00+	324.10+
192.30	-43.00	324.10
241.50	-42.10+	
290.70	-42.10	
339.90	-41.10+	
389.10	-41.10	
438.30	-40.10+	
487.50	-40.10	
536.75	-39.40+	325.40+
586.00	-39.40	325.40
630.50	-38.60+	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-47

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
389.10	-41.10	
438.30	-40.10+	
487.50	-40.10	
536.75	-39.40+	325.40+
586.00	-39.40	325.40
630.50	-38.60+	
675.00	-38.60	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-48
Collar Eastings: 6469.91
Collar Northings: 2709.06
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 31-April 1/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 196.80 feet
POWELL TP.; CLAIM: MR 5380 XL23+00NE, 29+10NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 5, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	28.8	Overburden all casing left in place								
28.8	30.8	Calcite-pyrite alteration zone Possible boulder -drill hole cased into this section. Colour light grey, hard, non-magnetic, strongly calcitic. Massive aphanitic texture. M0, c6, A0 -strong pervasive calcite alteration 7% fine-medium grained diss anhedral pyrite	20988	28.80	30.80	2.00	34			
30.8	50.4	Diabase Colour dark grey, massive porphyritic texture containing mafic phenocrysts. Becoming chilled and finer grained within 5 ft at the lower contact. Section is very broken & blocky, estimate RQD about 50% -core angle: 145 to CA at 50.4 ft: contact M6, c0, A2 -no significant pyrite								
50.4	83.2	Massive mafic volcanic Colour black, very hard, strongly magnetic, non-calcitic. Weakly foliated, aphanitic texture.	20989	76.00	81.00	5.00	31			
			20990	81.00	83.20	2.20	41			

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Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-48

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-5-7% epidote stringers, patches and bands to 0.7 ft in length. 1% calcite stringers -the 50.4-75 ft section is quite blocky and broken. Overall RQD estimated at 70-80% RQD about 25 in the 60-64 ft interval -core angle: 125 to CA at ;75 ft: foliation M6, C0, A2 (50.4-71), A0 (71-83.2) 3% diss fine grained anhedral pyrite								
83.2	85.2	Quartz vein Milky white quartz vein is present at 83.6-84.9 ft. Upper contact is somewhat irregular in shape, lower contact is relatively straight. Upper contact at 20 to CA, lower contact at 80 to CA. The vein contains trace epidote-calcite veinlets A0, M0, C0 5% pyrite overall, located exclusively in the wall rocks to the vein. The pyrite is fine grained, diss and anhedral	20991	83.20	85.20	2.00	171	230		
85.2	104.2	Pillowed mafic volcanic Colour dark grey=green, very hard, moderately to strongly magnetic, generally non-calcitic. Weakly foliated, weakly developed pillowed texture with occasional short section of hyaloclastite/tuffaceous material -3% epidote stringers, 1% calcite-rich veinlets -A 0.1 ft wide quartz-chlorite vein is noted at 101.3 ft to be at high angle to CA M4-6, A2, C0 (85.2-97), C6 (61.7-104.2)	20992	85.20	91.00	5.80	NIL			
			20993	91.00	96.00	5.00	NIL			
			20994	96.00	101.00	5.00	34			
			20995	101.00	104.20	3.20	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-48

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		3% diss fine grained anhedral pyrite are concentrated near the hyaloclastite/tuff intervals								
104.2	105.3	Grey calcite-pyrite Colour dark grey, hard, strongly calcitic, non-magnetic. Massive aphanitic texture. 103% thin calcite stringers M0, C6, A0 7% very fine grained banded (bedded?) And patchy pyrite	20996	104.20	105.30	1.10	65			
105.3	118.1	Pillowed mafic volcanic Colour dark grey-green, moderately hard, non-magnetic, strongly calcitic. Massive to weakly foliated, aphanitic, weakly pillowed texture, 5-7% calcite stringers & stockworks at all angles to CA M0, C6, A0 1% diss fine grained anhedral pyrite	20997 20998 20999	105.30 111.00 116.00	111.00 116.00 118.10	5.70 5.00 2.10	9 17 2			
118.1	120.0	Grey calcite-pyrite Colour variable from light grey to brown to green, very hard, non-magnetic, strongly calcitic. A 0.3 ft wide section of quartz flooding/patches is flanked by calcite-pink-sericite (?)-chlorite alteration. This calcite-pyrite material is banded and is oriented at a very low angle to CA C6, M0, A0 10% very fine grained diss & banded anhedral pyrite	21000	118.10	120.00	1.90	21			
120.0	168.4	Pillowed amygdaloidal? Volcanics Colour variable from dark grey to medium green, variably hard	36001 36002	120.00 126.00	126.00 131.00	6.00 5.00	10 7	NIL		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-48

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		(hyaloclastic = soft, pillow cores = hard), variably magnetic, weakly to moderately calcitic. Well developed pillowed/pillow breccia textures with 0.1-1.0 ft long sections of pillow cores separated by chloritic hyaloclastite. Quartz and calcite filled amygdules are common. 10% calcite veinlets occur mostly as networks/stockworks								
		M0 (120.0-124), M6 (124-134), M2 (134-156), M0 (156-168.4), C4 (120-131), C2 (131-146), C4-6 (146-168.4), A4 (120-136), A0 (136-146), A2 (146-156), A0 (156-168.4) 1% diss & patchy fine grained euhedral pyrite								
168.4	196.8	Massive mafic volcanics Colour medium green-grey, moderately soft, weakly to strongly magnetic, non-calcitic. Massive aphanitic to very fine grained texture. 5-7% overall calcite stringer/stockworking, but mostly concentrated in the 168.,9-181 ft section								
		M2 (168.4-176), M2 (176-181), M6 (181-196.8), C0, a0 (168.4-176), A2 (176-196.8) Trace diss -patchy fine grained euhedral pyrite								
		196.8 ft EOH -Drillers rpt 196.6 ft								
		Logged on site R. Pressacco April 5/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-48

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-46.30+	
93.80	-46.30	
143.05	-45.90+	
192.30	-45.90	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49
Collar Eastings: 5847.80
Collar Northings: 1998.78
Collar Elevation: 7958.00
Grid: 2002 Imperial
Boyles 25 Dates: March 29-30/03

Collar Inclination: -75.00
Grid Bearing: 325.00
Final Depth: 585.50 feet
POWELL TP.; CLAIM: MR 5401 XL14+00NE,26+75NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 3, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	21.4	Overburden all casing left in place								
21.4	126	Foliated mafic volcanics Colour medium green-grey, moderately soft, non-magnetic, weakly calcitic. Overall a moderately well developed foliation is defined by alignment of calcitic bands and patches M0, A0 (local A2), C0 (21.4-35), C2 (35-65), C1 (65-73), C2 (73-96), C6 (96-106), C0-(2) (106-121), C5 (121-126) 85.5-88.1 ft light grey alteration zone. Non-calcitic, non-ankeritic, moderately hard (not silica flooding). Weakly developed patchy texture. 1% diss very fine grained anhedral pyrite. Upper contact is oriented at 150 to CA, lower contact at 145 to CA Trace diss fine grained pyrite throughout. - 98.8 ft quartz-calcite-sericite-tourmaline band to 2cm is oriented along foliation. 5-7% fine grained euhedral pyrite is associated with this band -core angle: 145 to CA: veining 82.2-101.7 ft the degree of foliation increasing to strong in this sub-interval, generally accompanied by an increase in calcite content	20905	77.50	82.20	4.70	3			
			20906	82.20	85.50	3.30	NIL	NIL		
			20907	85.50	88.10	2.60	NIL			
			20908	88.10	91.00	2.90	NIL			
			20909	91.00	96.00	5.00	NIL			
			20910	96.00	97.69	1.69	NIL			
			20911	97.69	99.90	2.21	NIL			
			20912	99.90	104.80	4.90	2			
			20913	104.80	108.20	3.40	NIL			
			20914	108.20	109.20	1.00	NIL			
			20915	109.20	112.90	3.70	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-15-70% calcite veining/flooding in the main interval, occurring as conjugate veinlets, patches and wisps defining foliation -core angle: 150 to CA at 55 ft: foliation								
		108.2-109.2 ft dark grey alteration zone (?) Containing 10-15% magnetite patches & veinlets to 3mm. This interval is moderately hard, non-calcitic, non-ankeritic and is oriented parallel to foliation. Trace diss very fine grained pyrite -core angle: 140 to cA at 101 ft: foliation								
126.0	221.3	Mafic intrusive Colour dark green, moderately soft, variably magnetic (moderate to non), non-calcitic. Massive to weakly foliated fine grained texture with occasional short sections containing 7-10% fine disseminated leucoxene. 3-5% calcite veinlets to 1cm in width are oriented at all angles to CA. Gradational contacts with upper & lower units	20916	216.00	219.00	3.00	NIL			
			20917	219.00	221.30	2.30	14			
		M4 (126-133), M2 (133-146), M4 (146-166), M0 (166-206), M2-4 (206-216), M0 (216-2212.3), A0 (126.0-140), A2-A4 (140-171), A4 (171-191), A2 (191-205), A0 (205-221.3), C0 (126.0-221.3) -no significant pyrite. Trace diss chalcopyrite is observed associated with hematite stringer in the 171-177 ft section								
		171-177 ft wine-red stringers of hematite? Are to 5mm in width and are oriented at low angles to CA (165). Trace disseminated chalcopyrite to 5mm is associated with some of the stringer.								

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		179-179.6 ft broken core (RQD = 0). Possible fault zone, no fault gouge observed -core angle: 155 to CA at 191 ft: foliation								
		219.9 ft 1cm wide calcite-pyrite vein is oriented at 130 to CA. Weakly developed breccia textures								
221.3	257.0	Amygdaloidal, pillowed mafic volcanics	20918	221.30	226.00	4.70	NIL			
		Colour light - medium green-grey, moderately hard, non-magnetic,	20919	246.00	249.40	3.40	NIL			
		non-calcitic.	20920	249.40	251.00	1.60	10			
		Massive aphanitic texture containing 7-10% calcite filled	20921	251.00	256.00	5.00	NIL			
		amydules 5mmto 7mm in size. Occasional short sections of								
		hyaloclastite define pillows on the order of 1-2 ft in width								
		-Possible interflow mafic tuff is present 221.3-223.5 ft								
		-abundant calcite-rich veinlets (10%) occurring as wisps, patches & veinlets at all angles to CA. 1-3% red-brown hematite-filled stringers noted in the 226-236 ft section								
		-a 0.1 ft wide band of calcite-magnetite-pyrite is noted at 224.9 ft								
		Gradational lower contact over 1-2 ft								
		A0 (221.3-251), A2 (251-257), M0, C0								
		1% diss fine grained euhedral pyrite both along foliation planes								
		and in association with calcite stringers								
		10-15% heavy disseminated fine-medium grained pyrite is noted								
		within a pink chert-epidote band (bed?) at 249..6-250.0 ft. A								
		0.1 ft band of hyaloclastite is noted at 250.0 ft								
		-core angle: 135 to CA at 249.6 ft: bedding								
257.0	558.4	Massive mafic intrusive	20922	331.00	336.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour dark green, moderately soft, non-to weakly magnetic, non-weakly calcitic. Massive very fine grained texture. Calcite-hematite stringers, patches and veins to 0.1 ft are common in the 257-356 ft section, accounting for 10-15% abundance. The veins are at all angels to CA. -grain size increases through 381 ft, becoming medium grained and containing 5% medium grained leucoxene -hematite-calcite stringers are again noted in the 436-558.4 ft interval	20923	336.00	341.00	5.00	NIL			
			20924	341.00	346.00	5.00	3			
		M0 (257-346), M2 (346-358), M6 (358-376), M4/M2 (376-391), M0 (391-462), M2 (2-4)? (462), A0 (locally A2), C0 (257-351), C2 (351-361), C0 (361-558.4) M2-4 (462-483), M0 (483-496), M6 (496-512), M0-(2) (512-558.4)								
		-broken and blocky core (RQD about 50%) noted at 505-506 ft and at 508-509ft -no significant pyrite mineralization. Trace diss very fine grained pyrite is associated with a few of the calcite-hematite veins								
		491.0-558.4 ft moderately to strongly foliated section is defined by alignment of chloritic stringers and calcite veinlets -core angle: 145 to cA at 511 ft: foliation								
558.4	585.5	Foliated mafic volcanic	20925	561.00	566.00	5.00	NIL			
		Colour dark green, moderately hard, non-magnetic, moderately to strongly calcitic. Strongly developed fine grained foliated texture is defined by alignment of calcite stringers & patches	20926	566.00	571.00	5.00	NIL			
			20927	571.00	573.90	2.90	17			
			20928	573.90	574.90	1.00	50			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		and by chloritic stringers	20929	574.90	577.00	2.10	NIL			
		-5-7% calcite veinlets & patches to 2-3cm in width	20930	577.00	581.00	4.00	NIL			
		-core angle: 140 to cA at 575 ft: foliation	20931	581.00	585.50	4.50	NIL			
		M0, A2, C2 (558.9-576), C4-6 (576-585.5), chl 4-6 moderate to strong pervasive chlorite alteration?								
		1-3% diss fine grained pyrite is hosted by a thin (5mm) grey-brown calcite veinlet (155 to CA) -sub-parallel to foliation. Vein is at 574.5 ft								
		585.5 ft EOH -Drillers rpt 587.2 as end of hole								
		Logged on site								
		R. Pressacco April 3/03								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
78.10	-73.00+	327.50+
156.20	-73.00	327.50
221.80	-71.90+	329.80+
287.40	-71.90	329.80
336.60	-70.80+	331.60+
385.80	-70.80	331.60

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-49

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
484.20	-69.80	334.20
533.45	-68.10+	337.90+
582.70	-68.10	337.90

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50
Collar Eastings: 3405.00
Collar Northings: 1827.00
Collar Elevation: 7948.00
Grid: 2002 Imperial
Rig:H&S35 Dates: March 25-30/03

Collar Inclination: -67.00
Grid Bearing: 359.00
Final Depth: 1348.10 feet
POWELL TP; CLAIM:MR5371 Line:34+05E Stat:18+27NBQ Core by Heath & Sherwood (19
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: March 31, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	5.7	Casing & OB								
5.7	363.1	Diabase med grey, massive, rare pale green qtz-epid stringers & threads, mod blocky core throughout A4 5.7-6.3: pink hem alt'n/weathering rind 6.3-21.8: m-cg, massive 21.8-22.6: ground & lost core 22.6-60.0: m-cg, massive grades into 60.0-116.0: mg & occ fg, wk rare very cg pale green glomoro- porphyritic sauseritized feldspar megacrysts diss thro, grades into: 116.0-135.0: m-fg diabase 135.0-146.0: fg, massive 146.0-221.0: mg, massive, rare very coarse grain glomoro feld. in part resorbed, 221.0-226.8: cg, massive 226.8-257.0: mg, massive -occ very cg porphyritic feldspar 257.0-266.0: fg, massive 266.0-278.0: m-cg 278.0-281.0: fg 281.0-344.0: m/cg to mg downhole, grades into:	20815	359.00	363.10	4.10	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		344.0-355.0: fg								
		355.0-363.1: chill zone, aphanitic								
		BC stepped & xcutting @ 13dca rotateded 90 anticlockwise xcutting lower fol'n of 50dca								
363.1	435.0	Shear zone	20816	363.10	366.00	2.90	27	34		
		Altered & sheared mafic?-ultramafic tuffs -weakly pyritic	20817	366.00	370.00	4.00	NIL			
		dark grey & pale grey to pale greenish-grey tuff breccia/agglom,	20818	370.00	375.00	5.00	NIL			
		well foliated @ 50dca; med-thick bedded with minor i/c strongly	20819	375.00	380.00	5.00	NIL			
		sheared massive beds/cobbles; mod well developed S2 kink /	20820	380.00	385.00	5.00	NIL			
		C-S Fabric @ 139dca throughout	20821	385.00	389.80	4.80	NIL			
			20822	389.80	393.50	3.70	NIL			
		A6, c0, M0	20823	393.50	396.00	2.50	NIL			
		-dark grey chl? alt'n in groundmass pervasive throughout, wk pale	20824	396.00	400.00	4.00	NIL			
		green seric? alt'n ass'd with sil'n/carb'n of shards & clasts	20825	400.00	405.00	5.00	NIL			
		-poss tr talc throughout?	20826	405.00	410.00	5.00	NIL			
			20827	410.00	415.00	5.00	5			
		-unit very similar to grey carb/sschist unit logged @ end of	20828	415.00	420.00	5.00	NIL			
		M03-44	20829	420.00	425.00	5.00	NIL			
			20830	425.00	430.00	5.00	NIL			
		-wk replacement py specks & rounded nodules & occ wisps py	20831	430.00	435.00	5.00	NIL			
		stringers & rare threads dev in matrix gen parallel to schistosity								
		363.1-389.8: coarse Lapilli Tuff; BC @ 50								
		389.8-393.5: m bnd, well shd massive UM? Volc, BC @ 52 pts								
		393.5-435.0: fine hyalotuff/mod sheared ultramafic sed (ums), Grades into:								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
435.0	449.4	Mafic volc (4mvo)	20832	435.00	437.00	2.00	9			
		Grey, fg, massive, Top contact coarsely bx'd & cc str sealed/2ft,	20833	437.00	440.50	3.50	14			
		balance of section = massive volc in part WAC'd (wh. alt'n	20834	440.50	445.00	4.50	3			
		spots-cc) / showing fine shear kink cleavage @ 135dca	20835	445.00	449.40	4.40	NIL			
		-increasing shearing @ 55dca dev'd increasingly downhole & becoming very blocky throughout								
		A1, c6-2, M0 -no significant mineralization								
		BC @ 45dca on 0.05' fault								
449.4	449.45	Fault green fault gouge								
449.45	474.8	Sheared mafic volc (4mvo shear) med green, fg, tl well foliated locally showing fine dragged "Z" kinks & wk "C-S" fabric throughout -avg schty @ 45-30dca (40)								
		BC on broken core								
		A1-tr, c2-4, M0 -wkly chl'c throughout -no significant mineralization								
474.8	475.0	Fault -talcose gouge & broken core throughout								
475.0	492.3	Talc-chlorite schist (4tcs)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green, grey & white, fg, th lam & mod contorted schists, S1 @ 0-40dca, undulating & contorted & folded throughout with rare interference fold noses poking throughout core perpendicular to main S1 as box folds; grades into								
		A0-tr, c3-1, M0 -in part dolomitic? 10-20% white squiggly Qtz strs throughout (barren & bull) -no significant mineralization								
492.3	509.6	Sheared mafic volcanic (4mvo shear) pale-medium green, fg, tl, strongly sheared & schistose ~(almost looks like well foliated mafic ash tuff), S1 = 58dca BC @ 63dca	20836	500.00	505.00	5.00	NIL			
			20837	505.00	509.00	4.00	57			
		A0-tr, c2, M0, chl 4 -tr wh qtz stringers parallel to schistosity -tr seric (yellow) locally dev'd on schty planes								
		wk diss py & rare replacement threads parallel to schistosity increasing downhole								
509.6	511.7	Sheared mafic tuff (4tuf shear) dark green & buff, fg, well & t lam, highly schistose tuff? CA = 60 BC @ 62dca	20838	509.00	511.70	2.70	132	171		
		C2, A0, M0 -tr k (seric) 3-4% fg diss py								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
511.7	528.1	Alt'd & sheared mafic volcanic (4mvo shear)	20839	511.70	514.00	2.30	NIL			
		grey, fg, wk-mod fol'd, mod to strongly sheared volc showing	20840	514.00	518.00	4.00	24	15		
		thick bands pale grey-green alt'n banding(=seric/clay) and local	20841	518.00	523.00	5.00	NIL			
		elongated chlorite spotting; S1 = 60-58dca	20842	523.00	528.00	5.00	65			
		BC on 0.2ft dark grey talcose-chl reaction rim @ 65dca								
		A1-3, c5-2, M0								
		-tr chl spotty								
		-strong clay matrix alt'n (now grey seric?)								
		Tr-6% f-mg brown py spots & elong lenses gen dev pts & as rare								
		threads								
528.1	557.5	Alt'd ultramafic volcanics / carbonitized volcanics	20843	528.00	533.00	5.00	7			
		20844 533.00 538.00 5.00 15								
		528.1-543.0 grey leacocratic carb zone, mg massive, highly	20845	538.00	543.00	5.00	NIL			
		rextalized; trace serp; rare carb stringers & bx vlts;	20846	543.00	547.50	4.50	NIL			
		grades into:	20847	547.50	548.60	1.10	17			
		543.0-547.5 grey carb (as above) tr fuch	20848	548.60	552.30	3.70	22			
		547.5-548.6 wk-mod green carb banded, tl, trace pale & med grey	20849	552.30	557.50	5.20	3			
		qtz thds & stringers parallel to schistosity , bnd @ 60dca								
		548.6-552.3 alt'd grey carb zone, wkly bndd @ 45dca & rot'd 90 to								
		bx changing to fg massive umv downhole, tr fuch throughout								
		BC shp @ 62dca								
		552.3-557.5 pale grey carb zone wk seric throughout,								
		weak fol'n 50; BC 20dca rot'd 30 clockwise								
		overall grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
557.5	605.9	Pyritic & Carbonitized Ultramafic Volcanic (4umv py)	20850	557.50	559.50	2.00	51			
		grey & bright green fuchsitic & brown-grey sericitic, mixed,	20851	559.50	562.80	3.30	10			
		thin-med bndd, fg grey & green carbonate zones, gen fg tl to	36091	562.80	565.00	2.20	2			
		becoming th bndd & contorted as follows:	36092	565.00	567.80	2.80	103			
			36093	567.80	570.00	2.20	26			
		1-+10% fg py gen dev as SMS thd & wk diss bands parallel to	36094	570.00	575.30	5.30	175			
		schistosity & fg diss grains throughout -usually independent of	36095	575.30	578.90	3.60	105			
		lithology	36096	578.90	580.70	1.80	1070			
			36097	580.70	584.00	3.30	1474		0.046	
		557.5-565.0 grey carb, tr fuch, BC @ 23 pts	36098	584.00	588.60	4.60	710			
		565.0-567.8 green carb, mod fuch, wk pale grey qtz lenses &	36099	588.60	591.00	2.40	3086		0.088	
		stringers parallel to schistosity;	36100	591.00	595.00	4.00	672			
		567.8-575.3 grey & green carb bnd @ 35dca; 567.8-570 mixed th lam	36101	595.00	598.60	3.60	723			
		575.3-578.9 grey carb zone massive to wkly fol @ 45dca	36102	598.60	600.90	2.30	826			
		578.9-598.3 grey-brownish carb zone -variable fuch tr to mod,	36103	600.90	603.00	2.10	831			
		thinly laminated; last 0.7ft strong cc alt'n x contact of	36104	603.00	605.90	2.90	2844		0.075	
		50dca								
		599.3-600.9 car'b green chl schist band @ 45dca grades into								
		600.9-605.9 mixed green & grey carb & cls zone, fg, th lam, bit								
		contorted, minor quartz stringers parallel to schistosity,								
		S1 = 32, BC irreg & bx'd								
605.9	608.8	Quartz vein	36105	605.90	608.80	2.90	89			
		m-cg, white with patches Ank & irreg bx clasts; strong seric'c								
		wall bx patches <5%-10%; rare sulf strs & minor diss grains,								
		massive vein,								
		BC @ about 60dca vague & bndd/ribboned								
608.8	624.0	Chlorite-carbonate schist	36106	608.80	610.00	1.20	545			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		green & buff, fg, th lam, mod to well sheared & disrupted;	36107	610.00	615.00	5.00	919			
		locally i/c with pale greenish buff, massive fg m-thin bndd	36108	615.00	619.50	4.50	82			
		strong carb alt'n bnds	36109	619.50	624.00	4.50	178			
		-avg schty @ 60dca								
		BC xcutting @ 170 irreg as? flat								
		A2, c0-3, M0								
		-probably highly dolomitic								
		-rare white quartz stringers dev'd gen Parallel to schistosity								
		3-10% py as fine threads dev'd parallel to schistosity , fine patches & diss grain throughout								
		-cg cp splash wall to white quartz stringer 612.2 ft								
624.0	626.5	Quartz vein	36110	624.00	626.00	2.00	1089		0.040	
		white, massive, cg bull qv with tr Fe carb on jts /flat fracs								
		trace wall Rx slips & shivers								
		624.0-626.0 bull qv & sericitic wall Rx (<5%)								
		626.0-626.5 <40% qtz, <40% ank bnd & slivered with 10-20% wall Rx frags @ 130-140dca								
626.5	627.5	Chlorite-carbonate schist	36111	626.00	627.50	1.50	516			
		(Similar to 608.8-624.0)								
		-/+15% white & grey quartz stringers & threads; grades into								
627.5	668.1	Pyritic silicification / albitization zone	36112	627.50	630.00	2.50	874	866		
		leuco pale grey, mg, rextalized, very hard alt'n zone	36113	630.00	635.00	5.00	2090			
		locally tr chlorite &/fuch slips, wk seric = tr	36114	635.00	640.00	5.00	88			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC about 60dca	36115	640.00	645.00	5.00	89			
			36116	645.00	650.00	5.00	63			
		-wk a2 throughout, c0, M0	36117	650.00	655.00	5.00	60	67		
		-strong albite?/sil'n	36118	655.00	660.00	5.00	79			
		tr seric throughout @ margins	36119	660.00	665.00	5.00	84			
			36120	665.00	668.10	3.10	233			
		fine feathery py threads & stringers & diss grain thro gen								
		decreasing downhole from 15% to 2% py								
668/1	674.0	Carb'd ultramafic sediment/conglomerate (4ums)	36121	668.10	671.00	2.90	237			
		pale greenish to buff grey, coarse-med clast supported pebbly UM	36122	671.00	674.00	3.00	153			
		congl; clasts well to subrounded; wk fol'n @ 60dca,								
		BC shp @ 60dca								
		A4, c0, M0								
		-wk-mod seric alt'n throughout pervasive								
		-carb strong -wkly bleached locally								
		wk fine py diss grains, rare stringers & threads								
674.0	676.4	Chlorite-carbonate shist	36123	674.00	676.40	2.40	283			
		green & buff, fg, t-med lam, mod schistose, tuffaceous looking,								
		fol'n S1 = BC = 65dca								
		A4, c0, M0, chl 4								
		tr -1% mg py diss								
676.4	679.2	Silicified Carbonate Zone (3?)	36124	676.40	679.20	2.80	173			
		pale brown, mg, massive, strongly rextalized alt'n bnd								
		(similar to albitic?/sil'n zone @ 627.5-668.1)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC = 70dca								
		A2, c0, M0 tr fg diss py								
679.2	681.5	Chlorite-carbonate schist (As 674-676.4), schty @ 62dca, locally "Z" drag/kink folded in lower 1/2 of sect'n BC about 60dca, grades into	36125	679.20	681.50	2.30	708			
681.5	684.0	Quartz Vien white cg, massive qtz vein with <5% chl'c wisps/wall Rx slivers, BC -sericitic & irreg	36126	681.50	684.00	2.50	62			
684.0	688.4	Sheared sericitic & carbonitized volcanic pale greenish buff grey, fg, tl, tuffaceous looking highly sheared, rare chl & fuch wisps, schty @ 50dca, BC = 50dca	36127	684.00	688.40	4.40	540			
		A4-6, c0, M0 tr diss py								
688.4	772.2	Alt'd ultramafic sediment/conglomerate (4ums)	36128	688.40	693.30	4.90	243			
		mottled pale grey, green-grey, purplish brown grey etc	36129	693.30	695.60	2.30	118			
		med-coarse, well rounded pebble-cobbles matrix supported	36130	695.60	698.50	2.90	360			
		cannon-ball type) Ultra mafic conglomerate showing occ subrounded	36131	698.50	702.30	3.80	305			
		sedimentary rip-up clasts; poorly sorted	36132	702.30	706.00	3.70	1886		0.052	
		-very bleached looking poss. contact alt'n effect?	36133	706.00	710.00	4.00	2400		0.078	
			36134	710.00	715.00	5.00	802			
		A6, c0, M0	36135	715.00	720.00	5.00	451			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-tr hem	36136	720.00	725.00	5.00	855			
		-seric 3 as rare well dev'd bnds with high carb & bleaching	36137	725.00	730.00	5.00	585	519		
		-tr fuch diss throughout	36138	730.00	735.00	5.00	91			
			36139	735.00	738.60	3.60	1140		0.035	
		tr-2% cg replacement py & occ diss bnds & thds	36140	738.60	744.20	5.60	533			
			36141	744.20	746.80	2.60	487			
		688.4-698.5 well round & strongly contorted debris flow	36142	746.80	750.00	3.20	209			
		698.5-702.3 transition zone	36143	750.00	755.00	5.00	171			
		702.3-731.3 um sed / bx in part	36144	755.00	760.00	5.00	530	547		
		731.3-735.9 fuch/as wk 0.1-0.5ft alt'n bnds (wk), fol'n @ 62dca	36145	760.00	765.00	5.00	279			
		735.9-738.6 um sed	36146	765.00	770.00	5.00	718			
		738.6-744.2 massive brown/buff carb alt'n bnd, BC = 50dca	36147	770.00	772.20	2.20	742			
		744.2-746.8 mod-strong seric alt'n bnd, pale green, strong carb as dolomite?								
		746.8-772.2 wk py thdd ums, almost massive looking -no significant fabric/rextalizing								
		BC = 25dca shp -bit Undulating & showing PM (partly melted) 1mm reation rim								
772.2	781.2	Alt'd syenite & sediments (7, lhemsed)	36148	772.20	775.00	2.80	171			
		brown-pink to pink, fg, massive, wkly fract'd & qtz thd sealed	36149	775.00	778.60	3.60	3257		0.094	
		chilled syenitic? intrusive with wk dk green chl threads or poss.	36150	778.60	781.20	2.60	183			
		just sil'd & hematized um sediments								
		A4, c0, M0								
		-wk gr chl threads								
		-no significant mineralization								
		772.2-778.6 very fg chill zone/alt'n zone								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		778.6-781.2 fg massive syn-looking strong alt zone with fg diss grey qtz; grades into								
781.2	796.2	Carbonitized conglomerate	36151	781.20	786.20	5.00	866			
		mottled grey, buff, green-grey, med clast supported pebble congl	36152	786.20	791.20	5.00	610			
		mod rextalized with 10% mg free Qtz grains in matrix, rare green	36153	791.20	796.20	5.00	466			
		chlorite stringers dev'd ptb;								
		wk fol'n @ 65dca -rare creamy Ank zones dev'd parallel to								
		foliation; grades into								
		A2, c0, M0								
		-tr seric								
		-tr hem								
		-mod ank mottling								
796.2	805.7	Transition zone -strongly alt'd sediments	36154	796.20	800.00	3.80	1371		0.044	
		banded (med) carb'd seds (as above) i/c with th-m bnds of pale	36155	800.00	803.00	3.00	348			
		pink hem'd seds (as 772.2-781.2)	36156	803.00	805.70	2.70	826			
		bndg @ 70dca								
		A1-2, c0, M0								
		*start to see wh qtz vlts & stringers with pink m-cg k-spar dev'd @ walls, veining increases downhole with very destructive sil'n alt'n at walls								
		fg diss py thro								
805.7	897.8	Syenitized Qtz-Kspar Vein Alteration Zone	36157	805.70	810.00	4.30	658			
		pink, brick red to mottled brown & orange, aphanitic to fg sil'n	36158	810.00	815.00	5.00	243			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		& potassium feldspar alt'n zone as qtz veining & stringers dev'd	36159	815.00	820.00	5.00	444			
		with barren bull quartz;	36160	820.00	825.00	5.00	799			
			36161	825.00	830.00	5.00	994			
		A1-2, c0, M0, Hem 3-5	36162	830.00	835.00	5.00	9326		0.252	
		Kspar (orthoclase?) 3-5	36163	835.00	840.00	5.00	1749		0.065	
			36164	840.00	845.00	5.00	792			
		tr-15% very fg diss py & occ mg lenses & rare strs dev'd in	36165	845.00	850.00	5.00	4114		0.106	
		highly alt'd wall Rx to qv; rare tr cp stringers (<2mm) & occ	36166	850.00	852.60	2.60	417			
		diss cp grains @ 824, 841 etc.	36167	852.60	857.30	4.70	86			
			36168	857.30	862.30	5.00	98			
			36169	862.30	865.70	3.40	213			
			36170	865.70	870.70	5.00	417			
			36171	870.70	873.70	3.00	4423		0.140	
			36172	873.70	876.30	2.60	375			
			36173	876.30	881.00	4.70	211			
			36174	881.00	886.00	5.00	158			
			36175	886.00	890.00	4.00	1029		0.029	
			36176	890.00	895.00	5.00	309			
			36177	895.00	897.80	2.80	163			
897.8	908.8	Sheared & alt'd ultramafic volcanic? (4umv?)	36178	897.80	900.30	2.50	237			
		black & grey, fg, tl & well fol/sheared @ 55-45dca throughout,	36179	900.30	902.20	1.90	41			
		minor bull qtz veining bridging TC to 902.2 gen parallel to	36180	902.20	904.40	2.20	69			
		foliation but also as flat qtz stockwork vlts & stringers								
		BC shp @ 42dca								
		A0, c3-5, M3-4								
		-wk Hl bndg								
		-poss very fg amphib'd? & wkly PM								
		-looks like ctz, wkly bndd Hem bnds parallel to foliation & weak								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		alternating strong & weak calcite bndg parallel to foliation								
		to perv calcitic flooding increasing downhole								
		tr-1/2% diss py & minor SMS py str @ 909.2/<0.1ft parallel to								
		foliation @ 50dca								
908.8	921.0	Ultramafic volcanic (4umv)	36181	904.40	909.00	4.60	46			
		dark grey, m & fg, massive, wkly fratured, wkly talcose;	36182	909.00	911.20	2.20	99			
		local wk fol'n @ 50dca?	36183	911.20	916.00	4.80	19			
		BC @ 35dca -stepped & intrusive	36184	916.00	921.00	5.00	14			
		A0, c6 M4								
		-no significant mineralization								
921.0	956.8	Diabase								
		grey, fg, massive, bit blocky								
		margins chilled								
		BC @ 58dca on minor fault gouge (chilled?)								
956.8	1008.3	Carb'd & Alt'd Banded Contact Zone -hybrid	36185	956.80	958.60	1.80	41			
		banded & mottled green-grey, brown-pink; mg, tl-thl, wkly sheared	36186	958.60	960.20	1.60	75			
		strongly alt'd - chl'd, carb'd +/- hemitic bndd, rextalized & PM	36187	960.20	965.00	4.80	69			
		(partly melted) hybrid zone	36188	965.00	970.00	5.00	98			
			36189	970.00	975.00	5.00	213			
		A0-3, c1-5, M0-1	36190	975.00	978.90	3.90	134			
		-strong carb	36191	978.90	983.00	4.10	36			
		-wk chl/seric (k) + carb alt'n i/c with minor wk-strong hem-sil	36192	983.00	987.00	4.00	69			
		alt'n bnds (as per sample log); bnds parallel to foliation	36193	987.00	989.50	2.50	63			
		@ 50dca	36194	989.50	991.40	1.90	111			
		-no significant mineralization	36195	991.40	993.50	2.10	103			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			36196	993.50	998.60	5.10	39			
		993.5-998.6 ** red strong hem-sil alt'n bnd with fine qtz threads	36197	998.60	1003.50	4.90	120			
		irreg, & minor fg diss tr py -looks like syn but is alt'n only	36198	1003.50	1008.30	4.80	142			
		998.6-1008.3 bleaching increasing downhole								
		A0-3, c1-5, M0-1								
		-strong carb								
		-wk chl/seric (k) + carb alt'n i/c with minor wk -strong hem-sil alt'n bnds (as per sample log) bnds ptf @ 50dca								
		-no significant mineralization								
		BC @ 37dca shp								
1008.3	1011.1	Wkly porphyritic syenite (7syp)	36199	1008.30	1011.10	2.80	22			
		red, m & cg, massive intrusive sill of feld. porphyry,								
		feld megacrysts partly resorbed & rounded,								
		<5% mafic hbld? in matrix +/- green chl								
		BC = 70dca shp								
1011.1	1013.0	Chloritic bleach zone	36200	1011.10	1013.00	1.90	137			
		pale green, fg, massive, highly carb'd very destructive alt'n bnd								
		-no preserved textures -minor qtz-carb stringers								
		BC 55dca shp								
		A2-1, c2, M0								
		-strong carb, tr chl, seric (K) & strong clays								
1013.0	1055.0	Syenite (7syn)	36201	1013.00	1016.00	3.00	41			

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HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		red to brown-red, very fg, massive wkly-mod fract'd,	36202	1016.00	1020.00	4.00	75			
		TC chilled; grades into	36203	1020.00	1025.00	5.00	29			
			36204	1025.00	1030.00	5.00	70			
		A0, c2, M0-1	36205	1030.00	1035.00	5.00	29			
		Hem 4	36206	1035.00	1040.00	5.00	254	276		
		-local bright red sil'hem bnd @ 1038-1040 haloing quartz stringer	36207	1040.00	1045.00	5.00	62			
		with +/- py	36208	1045.00	1050.00	5.00	129	127		
			36209	1050.00	1055.00	5.00	226			
		overall variable wk diss py								
1055	1066.5	Porphyritic syenite (7syp)	36210	1055.00	1060.00	5.00	36			
		red, m & cg, massive, mod porph'c Kspars porph poorly preserved @	36211	1060.00	1063.00	3.00	293			
		margins	36212	1063.00	1066.50	3.50	33			
		-rare qtz-tour stringers;								
		grades into								
1066.5	1088.3	Mixed hybrid contact zone & porphyritic syenite (7ctz)	36213	1066.50	1071.50	5.00	41			
		-th bndd, brown-grey & orange; fg, massive partly melted (PM) &	36214	1073.00	1076.00	3.00	201			
		wkly black chlorite stringered hybrid zone locally with floating	36215	1076.00	1078.00	2.00	381			
		porphyritic feldspar megacrysts i/c with m-cg pink-red feldspar	36216	1078.00	1083.00	5.00	34			
		porphyry; BC @ 62dca shp	36217	1083.00	1088.30	5.30	134			
		-local red destructive Hem & sil alt'n bndg & rare orange Kspar								
		and qtz vlts								
1088.3	1093.9	Hybrid Contact Zone /Partly Melted Volcanics? (7ctz/4?)	36218	1088.30	1093.90	5.60	195			
		grey, mottled, rextalized, fg, bit swirled strong alt'n Zone								
		BC = 68dca -vague & PM								
1093.9	1095.8	Porphyritic trachy syenite (7syp)	36219	1093.90	1095.80	1.90	27			

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HOLE No.: M03-50

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		red, cg feld porph, wkly trachytic, wk chl in matrix, massive								
		BC @ 63?dca -PM & vague								
1095.8	1112.4	Hybrid contact zone (7ctz)	36220	1095.80	1100.00	4.20	218	223		
		mottled black, dk brown-grey & red grey, m-bndd, PM, rextalized &	36221	1100.00	1105.00	5.00	439			
		felted, crackled & cc str sheeted Contact zone;	36222	1105.00	1110.00	5.00	341			
		grades into:	36223	1110.00	1112.40	2.40	195			
		-very wk Hl bndg								
		fg diss py								
1112.4	1123.5	*Pyritic Contact Zone & Syenite (7ctz-syn, py)	36224	1112.40	1115.00	2.60	1143		0.034	
		CTZ (similar to above)	36225	1115.00	1119.50	4.50	288			
		but also with med-pale brown-grey bnds i/c with med	36226	1119.50	1123.50	4.00	597			
		brick-red aphanitic chilled syn / sil'n-hem alt'n bndg;								
		crackled & qcc thdd								
		Sil'n 5?, py'n 3								
		f-mg py on fract & as dusty very fg diss margins to syn/sil'n &								
		pyritizing xeno patches within Red hem altn zones								
		1112.4-1113.0 syn bnd, contacts vague								
		1119.5-1120.7 syn 70% with 30% pyritic irreg. chl'c Xeno's,								
		1120.7-1123.5 chilled aph syn with py, BC = 50dca								
1123.5	1157.0	Locally Pyritic, Hematized & Partly Melted Sediments	36227	1123.50	1126.00	2.50	432			
		med & dk brown -locally orange/grey bndd; PM, rextalized -rare	36228	1126.00	1130.00	4.00	554			
		seric'c pebbles/clasts preserved;	36229	1130.00	1135.00	5.00	201			
		grades into	36230	1135.00	1140.00	5.00	254			
			36231	1140.00	1144.00	4.00	153			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-wk chl threads	36232	1144.00	1146.00	2.00	1608		0.046	
		-wk Hem 1 bndg	36233	1146.00	1150.00	4.00	766			
		-py diss & threads & stringers on fract's throughout	36234	1150.00	1155.00	5.00	375			
			36235	1155.00	1157.00	2.00	2640		0.071	
1157.0	1162.9	Porphyritic syenite (7syp)	36236	1157.00	1162.90	5.90	94			
		brown-red, f & mg, massive syn;								
		minor chl'c xeno bnds/stringers with epid/ser'c margins								
		grades into:								
1162.9	1185.7	Hybrid Contact Zone (7ctz)	36237	1162.90	1168.00	5.10	70	74		
		black, grey & brown grey, mottled & felted rextalized hybrid zone	36238	1168.00	1173.00	5.00	24			
		wit minor vague bright red syn bnds 1180.75-1181.1 70dca	36239	1173.00	1178.00	5.00	27			
		grades into:	36240	1178.00	1182.80	4.80	31			
			36241	1182.80	1185.70	2.90	175			
		Wk Hl								
1185.7	1188.1	Porphyritic Syenite (7syp)	36242	1185.70	1188.10	2.40	528			
		brown red, massive, vague porph'c feldspars present -dirty								
		(mafic) assimilation zone; contacts vague;								
		grades into								
1188.1	1197.6	Contact Zone (7ctz)	36243	1188.10	1193.00	4.90	1783		0.054	
		(as 1162.9-1185.7)	36244	1193.00	1197.60	4.60	310			
		brown, massive, rextalized -highly alt'd seds?								
		Grades into								
1197.6	1210.1	Syenite / porphyry (7syn/syp)	36245	1197.60	1200.00	2.40	300			
		red, m-cg wkly porph'c & trachytic; wk chl'c groundmass	36246	1200.00	1205.00	5.00	123	130		
		BC shp @ 80dca on 0.1ft qstr	36247	1205.00	1210.10	5.10	46			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
1210.1	1214.1	Ultramafic Volcanic Xenolith & CTZ (4umv-7ctz)	36248	1210.10	1214.10	4.00	125			
		pale grey, rextalized tremolitic? UMV band To 1212.3 (BC = 66dca)								
		followed by dirty syenitic assimilation contact zone -swirled &								
		partly melted (PM) to 1214.1 ;								
		grades into								
1214.1	1227.3	Porphyry (7syp)	36249	1214.10	1216.00	1.90	65			
		brown-red, massive feld porph	36250	1216.00	1221.00	5.00	39			
			36251	1221.00	1226.00	5.00	518			
		1214.1-1216.0 aphanitic chill zone; grades to	36252	1226.00	1227.30	1.30	36			
		1216.0-1219.0 fg micro porph, BC @ 90dca								
		1219.0-1219.6 xeno of chl / talc-chl schist (4cls/tcs)								
		1219.6-1221.0 brown assimilation zone (CTZ)								
		1221.0-1226.0 m & cg porph / fp; grades downhole to								
		1226.0-1227.3 weakly chilled porph'c assim'n zone (CTZ)								
		BC vague & irreg to PM								
1227.3	1229.9	Volcanic/chlorite schist/amphibolite	36253	1227.30	1229.90	2.60	346			
		Black, fg, felted & seric'c, becoming m-cg pyritic (diss) in								
		lower 1/2 of section;								
		BC PM Vague & irreg, grades into:								
1229.9	1253.0	Quartz stringered syenite (7syn qv's)	36254	1229.90	1235.00	5.10	233			
		brownish-red, mg, massive syn with <5%-10% white qstr flats	36255	1235.00	1240.00	5.00	1109		0.031	
		showing black chlorite margins, wk diss py	36256	1240.00	1245.00	5.00	381			
			36257	1245.00	1250.00	5.00	434			
			36258	1250.00	1253.00	3.00	341			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
1253.0	1266.8	Chloritic syenite (7syn)	36259	1253.00	1258.00	5.00	209			
		(similar to above),	36260	1258.00	1263.00	5.00	170			
		+5-10% black chl stringers & irreg bl chl threads irreg dev'd	36261	1263.00	1266.80	3.80	329			
		throughout; grades into								
1266.8	1277.4	Quartz stringered syenite/porphyry (7syn/syp qv's)	36262	1266.80	1271.50	4.70	3007		0.110	
		red, mg-wkly porph'c, massive syn porph, wk chl stringers &	36263	1271.50	1274.40	2.90	794	861		
		threads; mod irreg qtz stringers & vlt flats with black chl rims;	36264	1274.40	1277.40	3.00	9189		0.278	
		wk diss py on fractures/vlt margins;								
		grades into								
1277.4	1280.0	Partly melted & assimilated porphyry (7syp)	36265	1277.40	1280.00	2.60	197			
		black & brown, syp assim'n zone -vague remaining feld. porph								
		megacryst; grades into								
1280.0	1291.0	Contact Zone (7ctz)	36266	1280.00	1285.00	5.00	57			
		dk grey & brown contact hybrid assim'n zone/ highly alt'd & PM	36267	1285.00	1288.80	3.80	33			
		sed/volc?; fg, massive to wkly swirled -wk Hem1 banding;	36268	1288.80	1291.00	2.20	10			
		local wk fol'n @ 57dca								
		1288.8-1289.9 pale green, very strong cc6 bleach zone bnd @ 62dca								
		1291.0 BC shp @ 70dca								
1291.0	1310.0	Grey feldspar porphyry (6fpp)	36269	1291.00	1295.00	4.00	NIL			
		med grey to brown-grey, massive, very fg matrix with 10-20% m-cg	36270	1295.00	1300.00	5.00	2			
		porphoritic feldspars (plag?) -margins: TC chilled/3ft,	36271	1300.00	1305.00	5.00	NIL			
		BC -open "S" undulating @ <15dca	36272	1305.00	1310.00	5.00	NIL			
1310.0	1348.1	Diabase & i/c feldspar porphyry &/sediments?								
		med grey, very fg, chilled massive diabase (A2-4, c0, M4),								

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i/c with pale brown-grey, mg feld porph (as above) &/ med grey,
fg tl wkly biotitic/amphibolitized? sed(?) as follows:

1310.0-1313.0 Diabase, BC shp @ 156 rot'd 20 clockwise (A4)
1313.0-1313.5 grey feld. porph (6), BC shp @ 120 rot'n 20
1313.5-1318.6 Diabase, BC 65 rot'd 70 clockwise
1318.6-1319.2 grey feld porph bnd (A0, c0, M0)
1319.2-1326.1 Diabase -Bx'd BC about 160dca (A4, M4)
1326.1-1331.6 grey feld porph, massive; BC @ 75 rot'n 80
counterclockwise (A0, c0, M0)
1331.6-1333.3 pale green strong cc6 carb Bz bnd -wk relic breccia
frag's, BC = 62dca (A0, c6, M0)
1333.3-1344.4 fg, wkly sheared biot/amp sed/volc?? -rare feld.
porph lenses/fingers intruding 1336.1; fol'n 70dca
BC undulating & xcutting @ 80dca (A0, c4-6, M0)
1344.4-1348.1 Diabase, very fg chilled

1348.1 ft EOH -Drillers rpt 411m (1348.4 ft)

Logged by R.V. Zalnieriunas
March 31/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-66.30+	357.60+
83.90	-66.30	357.60
182.35	-65.70+	357.70+
280.80	-65.70	357.70
379.20	-65.40+	357.50+
477.60	-65.40	357.50
608.85	-61.60+	357.80+
740.10	-61.60	357.80
838.50	-57.40+	357.90+
936.90	-57.40	357.90
1035.35	-56.20+	356.20+
1133.80	-56.20	356.20
1233.85	-55.40+	356.40+

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
740.10	-61.60	357.80
838.50	-57.40+	357.90+
936.90	-57.40	357.90
1035.35	-56.20+	356.20+
1133.80	-56.20	356.20
1233.85	-55.40+	356.40+
1333.90	-55.40	356.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51
Collar Eastings: 2600.00
Collar Northings: 2170.00
Collar Elevation: 7878.00
Grid: 2002 Imperial
Rig:H&S35 Dates:Mar.30-31/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 364.20 feet
POWELL TP; CLAIM:MR5372 Line:26+00E Stat:21+70NBQ Core by Heath & Sherwood (19
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: April 2, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	19.0	Casing & OB casing pushed to 19.7 ft into bedrock								
19.0	45.0	Quartz stringered green carbonate zone (3fuch) emerald green & white, grading cg to fg downhole, well fol'd thl-tl, locally brecciated & contorted strong carb alt'n zone -fol'n 65dca (25.0 ft) steeping to 70dca @ 40ft & sarting to rotate counterclockwise; A1, c0, M0 -fuchsite 4-6 -rare grey talc/chl strs/patches tr fg diss py -various Massive & Bx'd wh q veins & stringers grades into	36273 36274 36275 36276 36277 36278 36279 36280	19.00 24.00 27.00 32.00 35.20 36.60 41.00 43.00	24.00 27.00 32.00 35.20 36.60 41.00 43.00 45.00	5.00 3.00 5.00 3.20 1.40 4.40 2.00 2.00	27 9 29 118 2 NIL 3 NIL			
45.0	47.3	Carbonate transition zone (3fuch) dull med green, fg, tl, locally contorted chl schist with tr to weak perv fuchsite throughout; minor qtz-ank str's xcutting fol'n of 70dca rot'd 90-100 counter clockwise A4, c0, M0	36281	45.00	47.30	2.30	3			

41P15NE2026 2.28283 CAIRO

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-fuch 1-2, green reg Chl 4, wk sil'n?								
		BC @ 72dca shp								
47.3	48.1	Silicific talc-chlorite schist (4tcs sil) green-grey, f-mg, WAC mod, wkly sil'd?? BC @ 64 shp	36282	47.30	48.10	0.80	3			
		A2, c0, M0								
48.1	50.6	Diabase (5) med grey, fg, massive to wkly flow bndd, mod blocky & broken BC undulating & xcutting @ 69dca	36283	48.10	50.60	2.50	5			
		A4, c0, M4-6								
50.6	54.0	Talc-carbonate schist (4tcs) med grey, fg, th lam, +/- contorted, well sheared, wk "C-S" fabric & open "S" parasitic crenulations/drag kinks; fol'n @ 36-10dca (avg 30-35) BC on broken & blocky core/0.4ft	36284	50.60	54.00	3.40	NIL			
		A2, c0, M1 -strong talc tr mg diss py								
54.0	54.1	Fault talcose sandy gouge contacts @ 62dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
54.1	136.4	Talc carbonate schist (4tcs)	36285	127.00	131.90	4.90	NIL			
		(Similar to above)	36286	131.90	136.40	4.50	12			
		minor sandy fault gouge throughout as noted below:								
		61.2: fault @ 65dca/0.01ft								
		62.2-62.4: fault slips @ 270dca								
		65.2-65.9: gougy & broken core								
		76.1-77.0: fault about 60dca -gougy & broken								
		100.0- S1 = 52dca								
		115.2-115.5: wk Heml strs @ 54dca								
		118.3-120.4: GND & LOST CORE								
		about 121.0: poss relic sheared spinfex texture, S1 = 55dca								
		125.0-135.2: strong carb bleach zone -leucoxene								
		135.2-136.4: shd chl'c transition zone, S1 = 60dca								
		A0, c1-3+, (as cc stringers & threads throughout), M1-0								
		-no significant mineralization								
136.4	186.4	Calcite stringered mafic volcanic (4mvo ccstrs)	36287	136.40	140.00	3.60	2			
		green, fg, massive (basaltic?) to locally wkly talcose volc -	36288	140.00	145.00	5.00	12			
		coarsely fractured & sealed with white cc stringers & irreg	36289	145.00	150.00	5.00	2			
		cvlts (0.1-0.2ft or less) throughout; very wk cleavage @ 65dca;	36290	150.00	153.70	3.70	33			
		BC shp @ 60dca after 0.15ft dk green chl reaction rim	36291	154.50	159.00	4.50	21			
			36292	159.00	162.00	3.00	10			
		162.0-167.6 wk high-cc BZ (bleach zone) with coarse patchy seric	36293	162.00	165.00	3.00	NIL			
		(yellow-green)	36294	165.00	167.60	2.60	120			
			36295	167.60	170.00	2.40	NIL			
		A0, cc3-4, M0-1+/-3	36296	170.00	174.10	4.10	14			
		-wk talc	36297	174.60	179.00	4.40	14			
			36298	179.00	183.00	4.00	27			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Nil-tr py throughout -minor py thds & grains dev'd in last few ft	36299	183.00	186.40	3.40	182	137		
186.4	207.9	Lamprophyre (9)	36300	186.40	190.50	4.10	110			
		med grey, m-fg, wkly biotitic, massive	36301	190.50	195.00	4.50	70			
		minor wall Rx xeno's throughout	36302	195.00	200.00	5.00	15			
		BC @ 40dca	36303	200.00	204.30	4.30	12			
			36304	205.00	207.90	2.90	NIL			
		A0, c2-6, M2-1/0								
207.9	234.5	Talcose chlorite-carbonate schist (4cls)	36305	207.90	210.00	2.10	45			
		dk green & white, fg, th lam, highly sheared schist @ 45-60dca;	36306	210.00	215.00	5.00	22			
		rare "C-S" fabric	36307	215.00	220.00	5.00	26			
		BC @ 45dca shp	36308	220.00	225.00	5.00	22			
			36309	225.00	230.00	5.00	17			
		A0, c5-3, M1-0	36310	230.00	234.50	4.50	NIL			
		-wk talc								
		wk very fg diss py								
234.5	238.7	Alt'd hematitic talc-chlorite schist (4tcs hem)	36311	234.50	238.70	4.20	111			
		brownish-grey, f & mg, mod fol'd; sil'd & hem'd schist,								
		wk fol'n @ 45dca								
		BC @ 40dca?								
		A1, c2, M0								
		-Hem 2								
		very fg diss py throughout								
238.7	244.5	Sil'd talc-chlorite schist/green carbonate (4tcs/3fuch)	36312	238.70	241.50	2.80	51	58		
		mod green & pale cream, fg, t-th lam & wkly contort'd & wkly	36313	241.50	244.50	3.00	19			
		sil'd schist								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-irreg BC								
		A1, c2, M0								
		fuchsite -trace								
244.5	245.9	Syenite (7syn)	36314	244.50	245.90	1.40	43			
		med red, fg, massive								
		wk white qtz vein/Bx dev @ BC/0.25ft								
		-irreg BC								
		A0, c2-4, M0								
		-Hem 2-4								
		very fg diss py throughout								
245.9	250.9	Sil'd talc-chlorite schist/green carb (4tcs/3fuch)	36315	245.90	250.90	5.00	177			
		(similar to 238.7-244.5)								
		very fg lam'd, CA's flexuring & turning from 60-92dca to								
		locally 130dca; becoming cc matrix flooded downhole/last 2-3 ft								
		grades into								
		A1, c2+, M0								
		-fuch 1-2, chl 4								
		very fg diss py throughout								
250.9	270.1	Hematite & Carbonate banded ultramafic volc (4umv)	36316	250.90	255.00	4.10	166			
		brownish-red & green, med bndd, mg rextalize, strong m-cg WAC'd	36317	255.00	260.00	5.00	29			
		alt'd & shd UMV; schty & Bndg @ 80dca pts	36318	260.00	265.00	5.00	31			
		BC @ 32dca rot'd 90 clockwise & xcutting	36319	265.00	270.10	5.10	46			
		A1, c6-2, high WAC, M0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		variable f & mg diss py								
2701	271.1	Syenite (7syn) pink, fg, massive BC undulating @ 90dca & xcutting								
271.1	274.3	Ultramafic volcanic breccia (4umv) pale & med grey, fg, wkly bndd carb'd flow top Bx -bit graded coarser downhole; bndg & fol'n @ 60 & 90dca BC @ 60dca A0, c6, M0	36320 36321	270.10 271.70	271.70 274.30	1.60 2.60	96 46			
274.3	278.3	Carbonitized ultramafic(?) volcanic (4umv?) pale brownish-grey, fg, faintly foliated @ 65dca, wkly shd BC Bx'd & undulating @ 70dca A0, c strong, M0	36322	274.30	278.30	4.00	55			
278.3	280.6	*Pyritic chlorite schist (4cls py)* med green, fg, massive & featureless Chl bnd/alt'n zone hosting f-mg diss py & py replacement irreg threads throughout BC @ 72dca vague	36323	278.30	280.60	2.30	63			
280.6	282.3	Mafic volcanic (4mvo) med grey, very fg, carb'd, wkly Bx'd & green chl str'd mvo with replacement sericite (k) as yellow patches (<15%) dev'd throughout BC @ about 80dca	36324	280.60	282.30	1.70	19			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
282.3	284.8	Pyritic chlorite schist (4cls) (As 278.3-280.6) BC @ 75dca -vague	36325	282.30	284.80	2.50	106	132		
284.8	287.1	Chlorite-carbonate schist -cream & green, fg, th lam, mod sheared & schistose, avg CA's at 90dca +/-10deg either side Grades into	36326	284.80	287.10	2.30	147			
287.1	293.3	Hematite banded schist (4cls hem) moderate spotty hematite banding overprinted Chl-carb schist / green (ank) carb (as 250.9-270.1) CA's about 75-80dca; grades into	36327 36328	287.10 290.00	290.00 293.30	2.90 3.30	86 10			
293.3	296.5	Green-carbonate (3fuch) bright green & white, fg, tl, spotty wk fuchsitic green carb; grades into S1 = 65-75dca	36329	293.30	296.50	3.20	3			
296.5	305.3	Chlorite-carbonate schist (Grey carb) dull green & med grey, wkly chl'c, highly carb'd schist -wkly contorted & disrupted weak qtz (strs); grades into	36330 36331 36332	296.50 299.00 302.90	299.00 302.90 305.30	2.50 3.90 2.40	51 15 26			
305.3	312.7	Green carbonate (3fuch) pale bright green, m-fg, t lam @ 72dca; grades to	36333 36334	305.30 308.70	308.70 312.70	3.40 4.00	3 34			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
312.7	315.0	Leaucocratic Grey carbonate +/- sericite	36335	312.70	315.00	2.30	10			
		vfg carbonate alt'n zone with +10% pale yellow seric. bnds								
		grades into								
315.0	327.5	Leaucocratic Grey carbonate	36336	315.00	320.00	5.00	19			
		alt'n zone -very bleached bands, massive to locally tl @ 72dca	36337	320.00	325.00	5.00	147			
		minor sulf;	36338	325.00	327.50	2.50	94			
		grades into								
327.5	346.0	Chlorite-carbonate-tr fuchsite schist	36339	327.50	332.00	4.50	99	96		
		green & wh, fg, th lam, locally bx'd & contorted schists	36340	332.00	337.00	5.00	91			
		CA's = 0-80dca (avg about 65dca)	36341	337.00	340.00	3.00	50			
		BC @ 72dca shp	36342	340.00	343.00	3.00	60			
			36343	343.00	346.00	3.00	24			
346.0	364.2	Syenite (7syn)	36344	346.00	351.00	5.00	122			
		brown red, fg, massive, chilled syn -wk carb crackle,	36345	351.00	356.00	5.00	101			
		rare speck py	36346	356.00	361.00	5.00	120			
		362.0-363.1 GND & LOST CORE								
		364.2 ft EOH								
		Logged by R.V. Zalnieriunas								
		April 2/03								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-51

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-44.90+	360.00+
93.80	-44.90	360.00+
157.75	-44.30+	359.80+
221.70	-44.30	359.80
285.70	-43.40+	0.40+
349.70	-43.40	0.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52
Collar Eastings: 2800.00
Collar Northings: 2407.00
Collar Elevation: 7939.00
Grid: 2002 Imperial
Rig:H&S35 Dates: Apr.1-2/03

Collar Inclination: -45.00
Grid Bearing: 359.00
Final Depth: 305.10 feet
POWELL TP; CL:MR5372 L:28+00E Stat:24+07N BQ Core by Heath & Sherwood (1986) In
Grid North = 1.2deg E ast.; core stored on site

Logged by: R. V. Zalnieriunas
Date: April 6, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	9.8	OB and Casing								
9.8	10.3	Sediment grey, fg with gritty white well rounded m & cg qtz & k'spar grains, massive; possibly boulder?, BC on limonitic stained broken core sect'n/0.01ft								
10.3	35.0	Talcose chlorite-carbonate schist grey & white-cream, fg, th lam & mod-wkly contorted & bnd chl &	36347	10.30	15.00	4.70	81			
			36348	17.50	20.10	2.60	103			
		i/c leuco carb stringers & bnds -locally hosts angular Bx'd wall	36349	20.60	25.00	4.40	202	266		
		Rx, schty CA's = 60	36350	25.00	30.00	5.00	84			
			36351	30.00	35.00	5.00	182			
		A1, C1, M0 3-5% diss py as wk diss stringers gen parallel to schistosity /on schty planes								
		25.0-26.0 strong carb vn/carb patch TC/parallel to schistosity BC xcutting @ 140dca irreg								
		29.3-35.0 gradational transition zone -CA = 70dca tl, tuffaceous looking tcs bnd becoming pale brownish grey carb in colour (tr seric?)								
		grades @ 70dca parallel to schistosity into:								
35.0	57.9	Hematite Alteration Bands (hem)	36352	35.00	40.00	5.00	168			

41P15NE2026 2.28283 CAIRO

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		brownish pink, fg, tl to almost massive looking wkly fol'd th-med	36353	40.00	45.00	5.00	93			
		bnd hem alt'n with black thds throughout parallel to schistosity	36354	45.00	49.10	4.10	53			
		& i/c interbedded grey carb'd ultramafic volc / alt' carb'd talc-	36355	49.10	50.80	1.70	45			
		chl schist (tcs)	36356	50.80	55.00	4.20	45			
			36357	55.00	56.30	1.30	106	98		
		Atr-2, c0, M0, Hem 3-5	36358	56.30	57.90	1.60	111			
		tr -2% f & mg diss py gen on fol'n plain?/jt								
		35.0-38.9 H2/4 alt'n bnd, fol'n @ 70dca, wk chl threads, wk qtz-carb stringers throughout; Minor grey carb bnd @ 36.2-36.9ft; BC about 70dca								
		38.9-41.9 grey, mg sheared & wkly augend grey schist, S1 = 65dca, BC 65dca								
		41.9-50.8 hem alt'n bnd -occ dk green c-mg lenses/augends & chl stringers & thds; occ diss mg py str pts ass'd with wh cc stringers (bx'd)								
		50.8-55.0 coarse grey, pale pink & green angular carb & chl breccia, mod fol'd @ 65dca; homogenous -very very weak pervasive hem staining throughout; BC @ 70dca; poss flow top?								
		55.0-56.3 Pale & med greenish-grey & wk pervasive hem stained knots, highly sheared UM? Volc 65dca; BC shp 45dca contact xcutting								
		56.3-57.9 pale pink, aph-very fg, massive destructive hem-sil? alt'n with minor 0.03ft green chl str, BC = 72dca								
57.9	62.5	Chlorite-carbonate schist	36359	57.90	62.50	4.60	51			
		green & pale pink-grey, fg, th lam & mottled; wkly contorted & pref'ly carb=hem stained schist, schty @ 55-60dca rot'd about 30deg clockwise								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c0, dol?, M0 Hem 1 61.0-61.4 fg aph chilled pink syn str, TC 69dca, BC = 81dca 62.5 BC = about 90dca undulating								
62.5	69.8	Syenite pink, m-fg to aphanitic, massive A0, c0, M0 Hematitic wk chl stringers & threads, minor quartz stringers 66.5-69.3 mg syn -bit bleached looking 69.3-69.8 irreg white cc str with trace flourite (purple) & poss <5% m-cg BaSO4? (barite); str irreg 170dca to 100dca @ base	36360 36361	62.50 66.50	66.50 69.80	4.00 3.30	15 29			
69.8	77.4	Fuchsitic green-carb altered ultramafic volcanic bright & dull green & grey, m & fg, t-th lam, wkly qtz stringered fuch gr-carb schist, CA's - 65dca, chl increases downhole; grades into: A0, c1-2, M0 1-4% py	36362 36363	69.80 73.50	73.50 77.40	3.70 3.90	3 91			
77.4	82.5	Pyritic chlorite alteration zone dk green, massive to tl, fg, wkly shd looking; wk fol'n @ 56dca; grades into	36364 36365	77.40 79.50	79.50 82.50	2.10 3.00	103 81			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, c4-6, M1-3, chl 6								
		Seric-yellow (tr) as wk patches/rare alt'n on cleavage planes								
		10-15% f & mg replacement py stringers & diss grains								
82.5	101.5	Green-carbonate (3fuch)	36366	82.50	85.90	3.40	108			
		(Similar to 69.8-77.4)	36367	85.90	89.10	3.20	237	350		
			36368	89.10	92.00	2.90	161			
		82.5-89.1 chl'c alt'n decreases downhole	36369	92.00	97.00	5.00	159			
		89.1-97.0 typical th str'd gr-carb, CA's = 60dca	36370	97.00	101.50	4.50	46			
		97.0-101.5 wk bleached looking, leuco carb increases downhole; tr fuch & /chl; minor seric increasing downhole with ass'd minor py str threads CA = 68dca; BC vague @ 59dca rot'd 60 deg counter clockwise on mg 0.02ft py str								
101.5	107.1	Bleached & brecciated syenite	36371	101.50	107.10	5.60	69			
		very pale pink & green grey, fg syn; bx'd & milled to well rounded pebble-sized fragments to med grit-sized subangular to very well rounded clasts martix supported in pale grey-grey green strongly seric'c/clay alt'd matrix - monomitic breccia = hydrothermal vent breccia?								
		BC vague, grades into								
107.1	130.1	Strong leucocratic carbonate alteration zone	36372	107.10	111.00	3.90	39			
		& i/c Brecciated chlorite bands / veins	36373	111.00	116.00	5.00	27			
		pale creamy-grey, fg-localy cg, strong leuco carb bleach zones,	36374	116.00	120.10	4.10	34			
		massive to tl & shd -with wk pale yellow seric'c alt'n lams &	36375	120.10	120.90	0.80	75			
		bx'd cg lenses/grains qtz & coarse wispy wk replacement pyrite	36376	120.90	125.00	4.10	26			
		patches; fol'n / schty @ 65dca	36377	125.00	129.00	4.00	72			
		i/c with dk green chl shist bnds -massive with very coarse	36378	129.00	130.10	1.10	225			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		angular carb bx knots @ 120.1-120.9ft & 129.0-130.1ft -all margins diffuse, vague & wkly chl'c with poss tr fuchsite halos dev'd out into surrounding carb zones								
		120.9-129.0 wk green & wh chl-carb secton -not as bleached, poss tr fuchsite throughout)								
130.1	134.7	Green-carbonate zone green & wh, fg, th lam, wkly contorted & swirling, fuchsitic carbonate alt'n zone	36379	130.10	134.70	4.60	823	811		
		CA's rotating from 56dca to 115dca downhole & then rotating back & forth +/- 30deg;								
		133.5-133.6 lim stained fracture zone; minor ground core								
		BC irreg & contorted @ about 120dca								
134.7	141.3	Hematitized Contact Zone med brown-pink, fg, massive, wkly mottled highly destructive alt'n zone, Hem 4, wk green chl thds/wisps; vague BC about 72dca PM (partly melted)	36380 36381	134.70 138.00	138.00 141.30	3.30 3.30	146 87			
141.3	142.7	Syenite pink, fg, massive, fractured with mod pale seric coating & sealing bx fract's throughout BC about 75dca rot'd 90 counter clockwise	36382	141.30	142.70	1.40	24			
142.7	151.0	Sericitic & Hematitic (Volvanic?) Contact Zone strongly alt'd, PM (partly melted), swirled & mottled hydrid	36383 36384	142.70 147.30	147.30 151.00	4.60 3.70	94 11			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		PM assimilation / contact zone of PM volcanics?								
		Grades into								
		Wk seric bndg &/chl &/hem								
151.0	161.6	Pyritic chlorite alteration zone	36385	151.00	155.00	4.00	175			
		dk green, fg, massive grading downhole to mg/fg, very weak	36386	155.00	158.40	3.40	171			
		fol'd/shear chl schist with +/-locally dev'd carb str's;	36387	158.40	161.60	3.20	123			
		mod py replacement thds & patches throughout; grades into								
161.6	187.4	Sheared chlorite-carbonate schists	36388	161.60	163.90	2.30	29			
		& i/c weakk hematite alteration bands	36389	163.90	166.20	2.30	279	276		
		green, m & fg, tl, well fol'd schist @ 69dca with 40% wk hem	36390	166.20	170.00	3.80	115			
		alt'n bndg throughout parallel to schistosity; grades into	36391	170.00	175.00	5.00	74			
			36392	175.00	180.00	5.00	51			
		A0-tr, c1, M0-tr, Hem 1-med bndg	36393	180.00	185.00	5.00	125			
			36394	185.00	187.40	2.40	358	417		
187.4	193.4	Pyritic +/-chlorite alteration band	36395	187.40	190.00	2.60	194			
		very dk grey, fg, massive with rare pale green epidote alt'n bnds	36396	190.00	193.40	3.40	58			
		xcutting, wk diss py								
		BC about 80dca rot'd 90 counter clockwise								
193.4	194.7	Syenite	36397	193.40	194.70	1.30	NIL			
		med orange-pink, fg, massive, wkly alt'd & chl'c, tr quartz thds;								
		bit assimilated dirty (mafic) margins								
		BC @ 33dca vague								
194.7	196.7	Pyritic chlorite alteration band	36398	194.70	196.70	2.00	142			
		(As 187.4-193.4)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		very wk fol'n @ 65dca; grades into								
196.7	270.5	Carbonitized, weakly sheared +/-hematite banded	36399	196.70	200.40	3.70	127			
		& partly melted hybridized mafic? volcanic	36400	200.40	202.50	2.10	228			
		pale green, med green & creamy white stringered, fg, well carb	36401	202.50	204.20	1.70	173			
		str'd & wkly sheared , stronly alt'd looking with local pale pink	36402	204.20	207.00	2.80	106			
		th-mod superposed fg hem alt'n bnds; average fol'n @ 60dca	36403	207.00	210.20	3.20	111			
			36404	210.20	214.00	3.80	159			
		200.4-201.0 med gr chl alt'n bnd -no significant mineralization	36405	214.00	218.10	4.10	230			
		202.5-204.2 m. gr chl alt'n bnd, <2% mg py	36406	218.10	220.20	2.10	257			
		247.2-270.5 wk mottled hem str'd throughout & increasing downhole	36407	220.20	225.20	5.00	454	435		
			36408	225.20	227.00	1.80	172			
			36409	227.00	229.50	2.50	367			
			36410	229.50	234.50	5.00	137			
			36411	234.50	239.30	4.80	105			
			36412	239.30	243.50	4.20	79			
			36413	243.50	247.20	3.70	122			
			36414	247.20	250.50	3.30	48			
			36415	250.50	254.30	3.80	NIL			
			36416	254.30	257.50	3.20	401	384		
			36417	257.50	262.50	5.00	60			
			36418	262.50	267.50	5.00	125			
			36419	267.50	270.50	3.00	209			
270.5	274.0	GROUND & LOST CORE								
274.0	285.0	Hematite alteration band / Hematitic sediments?	36420	274.00	276.00	2.00	147			
		pale pink-orange pink, mg, rextalized poss sed?? with +20% qtz	36421	276.00	280.00	4.00	105			
		massive looking (section) tr quartz stringers	36422	280.00	285.00	5.00	21			
		BC about 135dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-52

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
285.0	297.4	Syenite	36423	285.00	290.00	5.00	51			
		med-pale pink, fg chilled, massive;	36424	290.00	294.00	4.00	110			
		BC very wkly bx'd & frac'd throughout/1ft, grades into	36425	294.00	297.40	3.40	70			
297.4	305.1	Hematized sediments	36426	297.40	300.70	3.30	737	864		
		(As 274.0-285.0)	36427	300.70	305.10	4.40	321			
		mg, massive, rextalized								

305.1 ft EOH -Drillers rpt 93m (305.1 ft)

Logged by R.V. Zalnieriunas
April 6/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
66.55	-40.00+	358.50+
133.10	-40.00	358.50
211.85	-36.20+	357.50+
290.60	-36.20	357.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-53
Collar Eastings: 2406.00
Collar Northings: 2590.00
Collar Elevation: 7900.00
Grid: 2002 Imperial
Rig:H&S35 Dates: Apr.2-3/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 237.30 feet
POWELL TP; CLAIM:MR5372 Line:24+06E Stat:25+90NBQ Core by Heath & Sherwood (19
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 3, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	14.0	Casing all casing pulled and recovered								
14.0	15.2	Porphyritic syenite Possible boulder. Colour red-brown, very hard, non-magnetic. Massive coarse grained porphyritic texture. Trace quartz-calcite veining A0, c6, M0, Hem 2 -no sulphides observed	36428	14.00	15.20	1.20	55			
15.2	22.0	Hematized mafic volcanic? Colour variable from red-brown to dark green, hard, non-magnetic, strongly calcitic. Strongly developed foliated texture is defined by alternating red hematitic and dark green chloritic bands on the order Of 0.1-1.0 ft in width. The section is dominated by hematitic material. Uncertain as to the original host rock composition -core angle: 125 to CA at 20 ft: foliation M0, A0, C6, Hem 4-6 5-7% diss fine grained anhedral pyrite throughout	36429 36430	15.20 18.90	18.90 22.00	3.70 3.10	38 111			
22.0	32.5	Mafic dyke Colour medium green-yellow, moderately soft, non-magnetic,	36431 36432	22.00 26.00	26.00 30.00	4.00 4.00	113 135			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-53

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		strongly calcitic. Massive very fine grained texture. 3-5% thin calcite-rich veining & patches to 1cm in width. Gradational upper & lower contacts	36433	30.00	32.50	2.50	362			
		M0, A0, C6 Trace -1% diss very fine grained pyrite								
32.5	56.3	Brown porphyritic syenite	36434	32.50	36.00	3.50	14			
		Colour dark grey-red-brown, hard, non-magnetic, non-calcitic.	36435	36.00	41.00	5.00	7	5		
		Massive fine to medium grained porphyritic texture containing	36436	41.00	46.00	5.00	NIL			
		medium grained rounded dark feldspar phenocrysts and fine to very	36437	46.00	51.00	5.00	12			
		fine grained mafic phenocrysts. 5% calcite veinlets + stockworks	36438	51.00	56.30	5.30	NIL			
		to 1cm in width								
		M0, A0, C0, Hem 2 -weak pervasive hematite alteration locally observed -no significant pyrite observed								
56.3	131.8	Hematized, carbonatized ultramafic volcanic?	36439	56.30	61.00	4.70	129			
		Colour variable from light yellow-green to pink-brown to dark	36440	61.00	66.00	5.00	216			
		green, moderately hard, non-magnetic, weakly to strongly	36441	66.00	71.00	5.00	178			
		calcitic. Strongly foliated/banded texture with bands and short	36442	71.00	76.00	5.00	369			
		sections to 0.2-0.3 ft in length alternating with light to dark	36443	76.00	79.50	3.50	310	319		
		green carbonatized alterations. In places (eg 87-91 ft) the	36444	79.50	82.70	3.20	411			
		strength of hematitic alteration is nil, clearly allowing the	36445	82.70	85.00	2.30	312			
		carbonatized ultrmafics to be seen. 1-3% calcitic stockworking	36446	85.00	87.40	2.40	477			
		-core angle: 135 to CA at 62 ft: foliation	36447	87.40	90.60	3.20	422			
		-core angle: 115 to cA at 10 ft: foliation	36448	90.60	96.00	5.40	310			
			36449	96.00	101.00	5.00	322			
		M0, A0	36450	101.00	105.00	4.00	1325			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-53

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-C2 (56.3-71), C6 (71-81), C2 (81-96), C6 (96-118), C0-2 (118-	36451	105.00	106.10	1.10	435	475		
		-Hem 4 (56.3-87), Hem 0 (87-91), Hem 2 (91-106), Hem 0 (106-	36452	106.10	111.00	4.90	627			
		1-3% very very fine grained disseminated & patchy pyrite	36453	111.00	116.00	5.00	437			
			36454	116.00	121.00	5.00	190			
		82.7-85.0 ft two ankerite-rich veins to 0.2 ft in width are oriented sub-parallel to foliation. The vein at 83.5 ft contains strong hematite alteration, 1-3% pyrite and 3-5% quartz; Hem 6-4; 3% diss very fine-fine grained anhedral pyrite	36455	121.00	126.00	5.00	21			
			36456	126.00	131.80	5.80	101			
		105.1-106.1 ft massive fine grained syenite dyke, 3% calcite stringers; -core angle: 125 to CA at 105 ft: contact; Hem 6 -strong pervasive hematite alteration; 3% fracture-controlled + diss very very fine grained pyrite								
131.8	139.8	Syenite dyke (?)	36457	131.80	136.00	4.20	46			
		Colour light grey to light red-brown, hard, non-magnetic, weakly calcitic. Massive very fine grained texture containing rare medium-grained dark feldspar phenocrysts. Possible hematized sediment (?)	36458	136.00	139.80	3.80	43			
		1-3% calcite-rich veinlets. Indistinct upper & lower contacts								
		M0, C2, A0, Hem 4								
		-no significant pyrite observed								
139.8	149.7	Hemitized mafic volcanic?	36459	139.80	145.00	5.20	98			
		Colour medium green-grey to light yellow-green, moderately hard, non-magnetic, strongly calcitic. Massive to weakly foliated aphanitic texture. Section has the overall appearance of a mafic volcanic, but calcitic, epidote and weak Patchy hematite	36460	145.00	149.70	4.70	650			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-53

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		alteration make identification difficult -1-3% calcite and ankerite veinlets/stockworking, trace quartz veining -core angle: 115 to CA at 149.7 ft: contact								
		M0, A0, c6, ser 2, epi 2, Hem 2 -no significant pyrite observed								
149.7	201.3	Porphyritic syenite	36461	149.70	155.00	5.30	2165		0.062	
		Colour bright brick-red, very hard, non-magnetic, weakly to non-	36462	155.00	161.00	6.00	1078		0.038	
		calcitic. Massive, medium grained porphyritic texture containing	36463	161.00	166.00	5.00	951	898		
		abundant closely packed feldspar phenocrysts. A short section of	36464	166.00	169.40	3.40	1992		0.055	
		wall rock inclusion/breccia is noted in the 169.5-171.5 ft	36465	169.40	172.40	3.00	1186		0.033	
		section.	36466	172.40	176.00	3.60	1065		0.027	
		Trace calcite, ankerite, and quartz-specular hematite veinlets	36467	176.00	181.00	5.00	1027		0.031	
			36468	181.00	186.00	5.00	629			
		Hem 4-6, M0, C2, A0	36469	186.00	191.00	5.00	895			
		1-3% diss fine to very fine grained pyrite is present as	36470	191.00	196.00	5.00	1205		0.030	
		anhedral-subhedral disseminating stringers, and occasional	36471	196.00	201.30	5.30	965			
		patches to 5-7mm in size								
201.3	227.7	Hematized quartzitic Temiskaming sediment?	36472	201.30	206.00	4.70	165	206		
		Colour light red-brown, very hard, non-magnetic, variably	36473	206.00	211.00	5.00	79			
		calcitic. Massive granular texture with abundant quartz grains(?)	36474	211.00	216.00	5.00	98			
		visible set in an aphanitic matrix. 3-5% calcitic veinlets at	36475	216.00	222.00	6.00	NIL	NIL		
		all angles to CA.	36476	222.00	227.70	5.70	214			
		10-20% chlorite-sericite(?) alteration occurs as veins, stringers and bands up to 1-2 ft in length, and clearly overprints the pervasive hematite alteration								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-53

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0, C0, Hem 4, A0 (201-206), A 4-6 (206-221), A0 (221-227) 1% diss very fine grained euhedral pyrite								
227.7	237.3	Hematized mafic volcanic?	36477	227.70	232.00	4.30	641			
		Colour light yellow-green, moderately hard, weakly magnetic,	36478	232.00	237.30	5.30	158			
		strongly calcitic. Generally a foliated patchwork/brecciated texture with bands and patches at hematitic alteration dispersed throughout. 5-7% calcitic stockworks								
		M2, C6, Hem 2-4, A0 (227.7-234), A6 (234-237) -no significant pyrite observed								
		237.3 ft EOH -Drillers rpt footage as 239.5ft								
		Logged on site R. Pressacco April 15/03								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
51.80	-45.00+	0.50+
103.60	-45.00	0.50
164.30	-45.20+	0.60+
225.00	-45.20	0.60

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54
Collar Eastings: 1600.00
Collar Northings: 2940.00
Collar Elevation: 7884.00
Grid: 2002 Imperial
Rig:H&S35 Dates: Apr.3-10/03

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 999.80 feet
POWELL TP; CLAIM:MR5376 Line:16+00E Stat:29+40NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 4, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	24.0	Overburden								
24.0	56.5	Porphyritic syenite	36479	24.00	26.00	2.00	70			
		Colour orange-red-brown, very hard, non-magnetic, weakly	36480	26.00	31.00	5.00	108			
		calcitic.	36481	31.00	36.00	5.00	141			
		Massive medium grained porphyritic texture with 10-15% subhedral-	36482	36.00	41.00	5.00	87			
		euhedral feldspar phenocrysts set in an aphanitic matrix. 1-3%	36483	41.00	46.00	5.00	84			
		calcitic stringers are oriented at high angles to CA	36484	46.00	51.00	5.00	NIL			
			36485	51.00	56.50	5.50	96			
		A0, C2, M0, Hem 2								
		moderate pervasive hematite alteration is present as alteration								
		envelopes along some of the calcitic veinlets and as rimmings +								
		overprints in some feldspar phenocrysts. Alteration intensity								
		decreases to end of section								
		Trace diss fine grained anhedral pyrite								
56.5	186.9	Fine grained syenite	36486	56.50	61.00	4.50	660			
		Colour light pink-white, very hard, non-magnetic variably	36487	61.00	66.00	5.00	1262		0.032	
		calcitic.	36488	66.00	71.00	5.00	4114		0.129	
		Massive aphanitic texture, containing occasional short sections	36489	71.00	76.00	5.00	115			
		(1-2ft) of weakly developed porphyritic textures and rare diss	36490	76.00	82.70	6.70	442			
		feldspar phenocryst.	36491	82.70	87.80	5.10	490			
		Fragments of partially assimilated mafic wall rocks are	36492	87.80	91.00	3.20	153			
		commonly observed, ranging in size from 0.5 ft to 5 ft (eg 87.7-	36493	91.00	96.00	5.00	663			
		87.8ft). Carbonate network/stockwork veinlets 1-3mm in width are	36494	96.00	101.00	5.00	415			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		common. Trace quartz veining.	36495	101.00	106.00	5.00	177			
		Lower contact marked by the presence of a 1cm wide chlorite	36496	106.00	111.00	5.00	667			
		vein.	36497	111.00	116.00	5.00	327			
		-core angle: 20 to CA at 186.9 ft: contact	36498	116.00	121.00	5.00	737			
			36499	121.00	126.00	5.00	326			
		M0 (56.5-145), M2-0 (145-186.9), A0 (56.5-115), A2 (115-125),	36500	126.00	131.00	5.00	470			
		A6(125-136), A0-2 (136-155), A4-6 (155-167), A0-2 (167-186.9),	36501	131.00	136.00	5.00	168			
		C2 (56.5-71),C6 (71-115), C0 (115-121), C2-6 (121-131),	36502	136.00	141.00	5.00	110			
		C0 (131-141), C4-6 (141-163), C0 (163-186.9), Hem 0	36503	141.00	146.00	5.00	189			
		-no significant pyrite observed	36504	146.00	151.00	5.00	235			
			36505	151.00	156.00	5.00	254			
			36506	156.00	161.00	5.00	1073		0.032	
			36507	161.00	166.00	5.00	449			
			36508	166.00	171.00	5.00	1078		0.033	
			36509	171.00	176.00	5.00	1097		0.022	
			36510	176.00	181.00	5.00	1020		0.031	
			36511	181.00	186.90	5.90	269			
186.9	199.7	Porphyritic syenite	36512	186.90	191.00	4.10	351			
		Colour deep pink, very hard, non-magnetic, variably calcitic.	36513	191.00	196.00	5.00	43			
		Generally massive, weakly developed porphyritic texture with 3-5%	36514	196.00	199.70	3.70	79			
		fine grained white feldspar phenocrysts. 5-7% yellow-green								
		sericite banding defines a foliated texture in the 186.9-191 ft								
		section								
		-core angle: 35 to CA at 190 ft: foliation								
		-some thin (5-7mm) fault gouge noted along these sericitic planes								
		-3-5% quartz-tourmaline and quartz-ankerite veinlets to 5mm in								
		width are oriented at all angles to CA								
		M0, A0, C6-0, Hem 2								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-moderate pervasive hematitic alteration 1% very, very fine grained diss pyrite								
199.7	241.0	Assimilation zone(?)/brown syenite	36515	199.70	206.00	6.30	62			
		Colour variable from black to light pink-orange, very hard,	36516	206.00	211.00	5.00	429			
		weakly to strongly magnetic, non-calcitic. This section is	36517	211.00	216.00	5.00	425			
		characterized by a very chaotic texture containing lengths of	36518	216.00	221.00	5.00	254			
		massive (to weakly porphyritic) syenite, blocks of what looks	36519	221.00	226.00	5.00	1810		0.045	
		like carbonatized (white) ultramafic volcanics and sections of	36520	226.00	231.00	5.00	149			
		heavy pervasive/patchy/stringer magnetite. These sections	36521	231.00	236.00	5.00	87			
		measure 1-3 ft in length and can have both sharp and	36522	236.00	241.00	5.00	75			
		gradational/fuzzy contacts -heavy disseminated/semi-massive magnetite noted 213.5-220 ft, magnetite stringers noted through 231-241 ft -abundant ankerite veining/stockworking. The larger veinlets contain central cores of quartz and reach 3mm in width -lower contact is indistinct and gradational over 2 ft. it is chosen as the first appearance of recognizable conglomerate /sediment								
		C0, A6-4, Hem 0, M2 (199.7-221), M0 (221-231), M6 (231-240), M0 (240-252.4) -no significant pyrite noted								
241.0	441.2	Temiskaming sediment (conglomerate)	36523	241.00	246.00	5.00	14			
		Colour variable from light brown to dark grey to deep red,	36524	246.00	251.00	5.00	2			
		moderately hard, variably magnetic, non-calcitic. Generally a	36525	251.00	256.00	5.00	31			
		weakly foliated texture containing sections of polymictic Pebble	36526	256.00	261.00	5.00	2			
		conglomerates and fine quartz-rich arenites.	36527	261.00	266.00	5.00	31			
		5-7% calcite -ankerite stockworks in the 241-256 ft section gives	36528	266.00	271.00	5.00	41			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		way to 3-5% calcite-rich veinlets which show a preferential	36529	271.00	276.00	5.00	2			
		orientation of apporx 45 to CA	36530	276.00	281.00	5.00	60	75		
		-core angle: 155 to CA at 265 ft: bedding	36531	281.00	286.00	5.00	2			
			36532	286.00	291.00	5.00	48			
		M0 (241-291), M2-(6) (291-346), M4 (346-366), M6 (366-406),	36533	291.00	296.00	5.00	65			
		M2 (406-425), M6 (425-441.2), A4 (241-256), A0 (256-371),	36534	296.00	301.00	5.00	115			
		A2-(6) (371-396), A0 (396-411), A2 (411-431), A0 (431-441),	36535	301.00	306.00	5.00	33			
		C0 (241-261), C1-2 (261-285), C0 (285-296), C2 (296-316),	36536	306.00	311.00	5.00	72			
		C0 (316-331), C6 (331-371), C2(371-395), C0 (395-406),	36537	311.00	316.00	5.00	75			
		C2-(6) (406-441.2)	36538	316.00	320.00	4.00	NIL			
		-moderate pervasive ankerite alteration 241-252 ft. Hem 2-4 (252-	36539	320.00	322.00	2.00	NIL			
		286), Hem 2 (286-290), Hem 4 (290-306), Hem 2 (306-326),	36540	322.00	325.60	3.60	21			
		Hem 6 (326-331), Hem 4 (331-341), hem 0 (341-475), Hem 4 (425-	36541	325.60	331.00	5.40	93			
		441.2)	36542	331.00	336.00	5.00	86	69		
			36543	336.00	341.00	5.00	117			
		3% disseminated fine grained anhedral pyrtie present in the 241-	36544	341.00	346.00	5.00	156			
		326 ft section	36545	346.00	351.00	5.00	98			
			36546	351.00	354.00	3.00	48			
		293-330 ft 3% magnetite-pyrite-(chlorite)-(calcite) veins are	36547	354.00	357.00	3.00	94			
		noted in this interval. These veins are typically oriented	36548	357.00	362.50	5.50	62			
		at low angles to CA, ranging from 0 to 45 to CA. The veins	36549	362.50	368.10	5.60	247			
		are on the order of 1cm in width and contain magnetite and	36550	368.10	371.00	2.90	123			
		pyrite in subequal amounts, with some veins becoming	36551	371.00	376.00	5.00	96			
		magnetite-rich. The pyrite is typically fine to	36552	376.00	381.00	5.00	67			
		medium grained and anhedral. Some of the veins contain a	36553	381.00	386.00	5.00	238			
		chlorite wall rock alteration halo and some calcite	36554	386.00	391.00	5.00	117			
			36555	391.00	396.00	5.00	55			
		322.0-325.6 ft fine grained Diabase dyke. Upper contact obscured	36556	396.00	401.00	5.00	75	77		
		by broken core, lower contact at 165 to CA. A second small	36557	401.00	406.00	5.00	113			
		diabase dyke is noted at 336.9-337.5 ft	36558	406.00	411.00	5.00	82			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			36559	411.00	416.00	5.00	79			
		320.4-321.6 ft a number of small quartz veins up to 1cm in width	36560	416.00	421.00	5.00	NIL			
		are present. A 1cm vein at 321.4 ft contains 7% patchy	36561	421.00	425.00	4.00	94			
		chalcopyrite in the vein. The veins are oriented at 70-80	36562	425.00	431.00	6.00	60			
		to CA.	36563	431.00	436.00	5.00	43			
			36564	436.00	441.20	5.20	27			
		362.5-368.1 ft mafic dyke. Colour black, moderately soft, non-magnetic. Massive aphanitic texture. Upper and lower contacts are indistinct and gradational over 0.1-0.2 ft. A 0.5 ft interval at 365 ft of pebbly sediments is visible (inclusive)								
		-core angle: 155 to Ca at 380 ft: foliated								
		325-441 ft section of moderate pervasive hematite alteration. Trace -1% diss pyrite								
		-core angle: 150 to CA at 418 ft: foliation								
441.2	499.2	Ultramafic (flow?)	36565	441.20	446.00	4.80	33			
		Colour medium grey-blue, quite hard, strongly magnetic, non-	36566	446.00	451.00	5.00	50			
		calcitic.	36567	451.00	456.00	5.00	938	975		
		Well developed flowing and swirling texture with bands of black	36568	456.00	461.00	5.00	48			
		and grey-blue material interweaved together. This texture may	36569	461.00	466.00	5.00	60			
		possibly be due to flow banding. Some brecciated textures are	36570	466.00	471.00	5.00	69			
		also observed with angular black fragments to 3-5cm in size	36571	471.00	476.00	5.00	21			
		outlined by the blue-grey material. The black patches/bands are	36572	476.00	481.00	5.00	58			
		quite soft and the grey-blue bands are quite hard. Overall split	36573	481.00	486.00	5.00	60			
		is approximately 70-30 grey to black). Gradational lower contact	36574	486.00	491.00	5.00	58			
		over 1-2 ft, gradually becoming a more recognizable ultramafic	36575	491.00	496.00	5.00	22			
		unit	36576	496.00	499.20	3.20	77			
		-the orientation of the banding is highly variable, ranging from								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		0-45 to CA. 1% hairline calcite-rich veinlets/crackle texture are oriented at all angles to CA								
		M6, C0 (441-462), C1-2 (462-471), C0 (471-499), A2 (441-471), A0 (471-486), A2 (486-496), A0 (496-499.2) 1% diss very fine grained anhedral pyrite throughout								
		455 ft possible chloritic fault zone. Sheared and jumbled /fragmented textures observed in a section of broken & blocky core -core angle: 165 to CA at 454 ft: foliation								
499.2	541.6	Ultramafic volcanic	36577	[illegible]	[illegible]	[illegible]	[illegible]			
		Colour black to dark green, very soft, strongly magnetic,	36578	501.00	506.00	5.00	202			
		moderately calcitic. Generally a well developed foliation is	36579	506.00	511.00	5.00	33	24		
		defined by alignment of calcite-rich patches/lenses to 1-2cm in	36580	511.00	516.00	5.00	63			
		width. The 499.2-519 ft section is more massive textured,	36581	516.00	521.00	5.00	62			
		contains less calcite bands and has weakly developed flowing	36582	521.00	526.00	5.00	89			
		textures similar to above unit. Abundant (30-40%) calcitic	36583	526.00	531.00	5.00	48			
		patches in the 519-541.6 ft section. Sharp lower contact	36584	531.00	536.00	5.00	111			
		-core angle: 150 to CA at 526 ft: foliation	36585	536.00	541.60	5.60	171	209		
		-core angle: 150 to Ca at 541.6 ft: contact								
		M6, C2-4 (499.2-541.6), Ao -no significant pyrite noted								
541.6	544.2	Lamprophyre (?)	36586	541.60	544.20	2.60	24			
		Colour black, quite hard, non-magnetic, weakly calcitic. Fine grained foliated to fragmented texture containing fine black grains and fragments in a dark grey-black matrix. A 0.2 ft wide								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		chilled zone is observed at the upper contact, no chill zone on the lower contact. Trace calcitic hairline veinlets -core angle: 145 to CA at 543 ft: foliation M0, C2, A0 -no significant pyrite noted								
544.2	606.8	Diabase Colour dar5k grey to black, strongly magnetic, non-calcitic. Massive fine grained mafic porphyritic texture. A 1 foot wide chilled zone is present along the upper contact -core angle: 150 to CA at 544.2 ft: contact -grain size decreases and grades into a chilled margin within 5 ft at the lower contact -core angle: 20 to CA at 606.8 ft: contact								
606.8	614.2	Flow-banded ultramafic Identical to the section described at 441.2-499.2 ft. Interspersed black and blue-green-grey material give the core a flowing and swirled texture -core angle: 140 to CA at 611 ft: foliation M6, C2, A0 1% diss-patchy very fine grained anhedral pyrite is typically contained within the black fragments/bands and is elongated along the foliation	36587 36588	544.20 611.00	611.00 614.20	66.80 3.20	166 60			
614.2	621.5	Fine porphyritic syenite Colour dark grey-brown very hard, weakly magnetic, non-calcitic. Massive fine grained porphyritic texture with both anhedral white	36589 36590	614.20 618.60	618.60 621.50	4.40 2.90	10 14			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		feldspar and euhedral black mafic phenocrysts observed.								
		Gradational upper & lower contacts are 0.1-0.2 ft. Trace								
		hairline calcite-rich veinlets								
		M2, A0, C0, Hem 2 -weak, patchy hematite alteration								
		1% diss very fine grained anhedral pyrite								
621.5	628.1	Flow-banded ultramafic	36591	621.50	628.10	6.60	19			
		Similar to that described at 606.8-614.2 ft.								
		Broken & blocky core in the 623-625 ft sections.								
		Upper contact appears to follow the foliation, lower contact lost								
		in broken core								
		1-3% diss + patchy fine grained anhedral pyrite								
628.1	717.6	Porphyritic syenite	36592	628.10	631.00	2.90	NIL			
		Colour generally reddish-brown, but is dark grey in the 628.11-	36593	631.00	636.00	5.00	NIL			
		641 ft section, very hard, weakly to non-magnetic, variably	36594	636.00	637.20	1.20	31	75		
		calcitic.	36595	637.20	638.20	1.00	50			
		Massive porphyritic texture containing abundant fine-medium	36596	638.20	641.00	2.80	182			
		grained feldspar phenocrysts set in an aphanitic to very fine	36597	641.00	646.00	5.00	55			
		grained groundmass. Zoning is commonly observed in the feldspar	36598	646.00	651.00	5.00	127			
		grains with either a whitish core surrounded by a glassy rim or a	36599	651.00	656.00	5.00	45			
		glassy core surrounded by a whitish rim. 5-7% hairline quartz-	36600	656.00	661.00	5.00	82			
		carbonate veins throughout. Carbonate content changes from	36601	661.00	666.00	5.00	53			
		calcite in the 628.1-655 ft section to ankerite below 655 ft.	36602	666.00	670.70	4.70	53			
		In general the carbonate veins are oriented at high angles to CA.	36603	670.70	671.70	1.00	86			
		1% thin (1-2cm) quartz-calcite-tourmaline veins are noted in the	36604	671.70	676.00	4.30	31			
		646-651 ft section. The veins are at high angles to CA (80-90)	36605	676.00	678.10	2.10	26			
		671.0 ft 0.50 ft wide quartz-ankerite veins is oriented at 160 to	36606	678.10	679.10	1.00	142	177		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		CA 0.1 ft wide ankerite-rich vein oriented at 165 to CA is	36607	679.10	681.00	1.90	26			
		noted at 678.5 ft	36608	681.00	686.00	5.00	39			
		-a 0.2 ft wide ankerite-quartz-chlorite vein oriented at 140 to	36609	686.00	691.00	5.00	36			
		CA is noted at 684.1 ft	36610	691.00	696.00	5.00	101			
		-a branching 0.1 ft wide ankerite-black chlorite (?) Vein	36611	696.00	701.00	5.00	81			
		oriented at 170 to CA is noted at 687.1 ft	36612	701.00	706.00	5.00	83			
		-a 2cm glassy quartz vein cross-cuts throughout?, 1cm wide	36613	706.00	711.00	5.00	17			
		ankerite veins at 695.5 ft	36614	711.00	715.00	4.00	223	206		
		-core angle: 155 to CA at 695.5 ft: ankerite vein	36615	715.00	717.60	2.60	120			
		-mutually cross-cutting 0.1 ft wide ankerite vein and 1cm quartz								
		vein are noted at 698.3 ft								
		-core angle: 25 to cA at 698.3 ft: ankerite vein								
		-core angle: 125 to CA at 698.3 ft: quartz vein								
		716.2 ft 0.2 ft wide glassy-white quartz-ankerite-orthoclase								
		Vein/vein breccia is noted. Vein has irregular walls								
		-core angle: 45 to CA at 717.6 ft: contact								
		1% diss very fine grained anhedral pyrite on close proximity to								
		the vein.								
		M2 (628.1-666), M0 (666-717.6), C6 ((2) (678.1-658),								
		C0 (658-717.6), A0 (678.1-656), A4 (656-717.6), Hem 0 (628.1-								
		640), Hem 4 (640-694)								
		Ser 2 (694-697), Hem 2 (697-711), Hem 4 (711-717.6)								
		Trace -1% diss fine to very fine grained subhedral to euhedral								
		diss pyrite								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
717.6	725.6	Ankeritized ultramafic (?)	36616	717.60	721.00	3.40	79			
		Colour light green-yellow, moderately soft, non-magnetic, non-calcitic. Well foliated fine grained texture with short sections containing 1cm sized fragments. Strong ankerite alteration as pervasive flooding and abundant veins/veinlets/stockworking weakly envelope pervasive fuchsitic alteration. 1% diss fine grained black tourmaline grains/stubs as disseminated and along hairline cracks	36617	721.00	725.60	4.60	110			
		-core angle: 150 to CA at 723 ft: foliation								
		C0, A6, M0								
		-fuch 2 (?)								
		1% diss very, very fine grained pyrite								
725.6	757.4	Porphyritic syenite	36618	725.60	731.00	5.40	79			
		Colour light red-brown, very hard, non-magnetic, non-calcitic. Massive to weakly foliated porphyritic texture. 3-5% ankerite-rich veins/stockworks throughout, some of which are seen to contain a strongly developed hematitic wall rock alteration envelope (eg 752 ft). These wall rock envelopes penetrate 1-2cm into the walls. 5% thin (1cm) quartz veins are noted in the 731-735 ft section. One vein at 732.3 ft is dominated by black tourmaline and is oriented at 110 to CA	36619	731.00	736.00	5.00	91	79		
			36620	736.00	741.00	5.00	24			
			36621	741.00	746.00	5.00	96			
			36622	746.00	751.00	5.00	86			
			36623	751.00	756.00	5.00	134			
			36624	756.00	757.40	1.40	65			
		M0, C0, A6, Hem 2								
		-no significant pyrite noted								
757.4	770.4	Ankerite breccia	36625	757.40	760.50	3.10	180			
		Colour variable from white/cream to red-brown to light green-yellow, very hard, non=magnetic, non-calcitic. Textures are	36626	760.50	763.00	2.50	142			
			36627	763.00	766.00	3.00	326			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		variable from foliated to brecciated containing fragments of syenite outlined and supported in a massive ankerite matrix. Some sections have a foliated texture which appears to overprint the breccia fragments. These foliated zones have a sericitic-chloritic and a weakly fuchsitic appearance. Upper contact is oriented at 160 to CA. Lower Contact is obscured in broken core	36628	766.00	770.40	4.40	118			
		M0, A6, C0 Trace very, very fine grained diss pyrite observed in the breccia fragments in the 760.5-763 ft section								
770.4	808.8	Porphyritic syenite	36629	770.40	776.00	5.60	175	177		
		Colour red-brown, very hard, non-magnetic, non-calcitic. Massive	36630	776.00	781.00	5.00	74			
		to weakly dev'd fine to medium grained feldspar-porphyritic	36631	781.00	786.00	5.00	111			
		texture is defined by alignment of feldspar laths.	36632	786.00	791.00	5.00	87			
		5-7% ankerite-rich hairline veinlets & stockworks.	36633	791.00	796.00	5.00	67			
		-770.4-781 ft 5-7% white to glassy coloured quartz-ankerite-	36634	796.00	801.00	5.00	48			
		orthoclase?- tourmaline) veins are 2-3 cm in width and show a	36635	801.00	806.00	5.00	NIL			
		preferential orientation of 70-110 to CA. Moderate to strong	36636	806.00	808.80	2.80	14			
		pervasive hematitic alteration								
		-intensity at hematitic alteration decreases to nil below approx 787-788 ft, with the syenite taking on a yellow-brown colour								
		-A 0.2 ft wide ankerite-fuchsite-pyrite vein is noted at 796.5 ft								
		-core angel: 140 to cA at 796.5 ft: ank fuch vein								
		-lower contact is marked by the presence of a chloritic slip and a strong increase in ankerite content over 1-1.5 ft								
		-core angle: 155 to Ca at 808.8 ft: contact								
		M0, C0, A2-4 (770.4-788), A6 (788-808.8), Hem 6 (771-781),								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Hem 4 (781-787), Hem 0 (787-808.8) -no significant pyrite observed								
808.8	840.9	Hematitic alteration zone Colour brick red, very hard, non-magnetic, non-calcitic. Massive to weakly developed foliated texture. Phenocrysts are commonly observed. At times they are clearly identified as feldspars (white laths and dark purple-black phenocrysts), in other places the phenocrysts strongly resemble quartz grains (0.2mm rounded to lath shaped and glassy), suggesting that this is a contact zone between syenite and Timiskaming sediments -strong pervasive hematite alteration replaces all groundmass/matrix material, leaving a mosaic of relic feldspar phenocrysts. 3-5% chloritic slips/stringers throughout to 1-2mm in width. In places these chloritic slips are aligned and define a foliation. Weakly developed C-S fabrics observed in these instances (eg 813.5 ft) with the chlorite defining the shear planes and hairline ankerite veinlets defining the schistosity -core angle: 140 to CA at 813.5 ft: chloritic slips -core angle: 45 to Ca at ;813.5 ft: ankerite schistosity -3-5% quartz-ankerite veins are oriented at all angles to CA and reach 0.2 ft in width. Some veins contain trace-minor black tournaline -sharp lower contact is irregular in shape A6, M0, C0, Hem 6 1% very, very fine grained pyrite is hosted within chloritic slips and wormy/wispy patches	36637	808.80	811.00	2.20	NIL			
			36638	811.00	816.00	5.00	19			
			36639	816.00	821.00	5.00	27			
			36640	821.00	826.00	5.00	15			
			36641	826.00	831.00	5.00	39	41		
			36642	831.00	836.00	5.00	NIL			
			36643	836.00	840.90	4.90	33			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
840.9	887.6	Hematized Timiskaming sediments	36644	840.90	846.00	5.10	38			
		Colour variable from brick red to yellow-brown, very hard, non-	36645	846.00	851.00	5.00	21			
		magnetic, weakly to non-calcitic. Weakly foliated granular	36646	851.00	856.00	5.00	29			
		texture containing abundant quartz grains in an aphanitic matrix.	36647	856.00	861.00	5.00	46			
		Strong pervasive hematitic alteration of the matrix outlines the	36648	861.00	866.00	5.00	60			
		quartz grains. Intensity of alteration decreases downhole,	36649	866.00	871.00	5.00	45			
		becoming interspersed with pervasive sericitic alteration. Trace	36650	871.00	873.60	2.60	60			
		chloritic slips & stringers. Trace quartz veining. 3-5%	36651	873.60	876.00	2.40	65	58		
		ankerite veining/stockworking is present in the 866-882 ft	36652	876.00	881.00	5.00	19			
		section. Some thick massive magnetite bed noted at 880.1 ft	36653	881.00	882.60	1.60	NIL			
		-core angle: 140 to CA at 880.1 ft: bedding	36654	882.60	886.00	3.40	57			
		C0, M0, A2, Hem 6 (840.9-861), Hem 4 (861-882.6)								
		-no significant pyrite observed								
		872.8-873.6 ft fault/shear zone? This interval consists of a 0.3 ft wide central zone of fragmented textured material surrounded by strongly foliated chlorite-sericite-ankerite sections. 30% qtz-orthoclase?-ankerite veins/patches are present in the 872.0-872.8 ft section								
		-core angle: 145 to cA at 873 ft: shearing								
882.6	899.2	Timiskaming conglomerate	36655	886.00	891.00	5.00	74			
		Colour light green-grey, hard, non-magnetic, non-calcitic. Weakly	36656	891.00	896.00	5.00	69			
		foliated fragmented texture containing abundant polymictic fine	36657	896.00	899.20	3.20	27			
		pebbles. 1-3% ankerite-rich veinlets/stockworks								
		-core angle: 150 to Ca at 899.0 ft: bedding								
		M0, C0, A6, Hem 2								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-pervasive ankerite alteration, weak patchy hematite alteration -no significant pyrite observed								
899.2	913.1	Quartzitic Timiskaming sediment	36658	899.20	901.00	1.80	15			
		Colour light brown, very hard, non-magnetic, non-calcitic.	36659	901.00	906.00	5.00	19			
		Massive to weakly foliated granular texture. Abundant 0.5mm	36660	906.00	911.00	5.00	26			
		sized quartz grains are easily visible. Trace quartz and trace	36661	911.00	913.10	2.10	24			
		ankerite veining -core angle: 140 to CA at 913.1 ft: contact								
		C0, M0, A2-4, Hem 2/ser 2 -weak pervasive hematite-sericite alteration -no significant pyrite observed								
913.1	932.3	Shear zone? (Sheared sediments?)	36662	913.10	916.00	2.90	NIL			
		Colour variable from light green grey to medium-dark green to	36663	916.00	921.00	5.00	12			
		red-brown, hard, generally non-magnetic, non-calcitic. Generally	36664	921.00	927.00	6.00	NIL			
		a strongly developed foliated texture composed of chlorite	36665	927.00	931.30	4.30	NIL			
		lamellae and knots/bands/patches of ankerite. In some of the								
		less well foliated sections a weak pebbly texture is visible								
		suggestive that this is a sheared sediment. Hematitic alteration								
		occurs in the rare massive textured bands and generally has sharp								
		contacts with the chlorite-ankerite sections. The 927-932.3 ft								
		section is a darker green-grey colour and weakly magnetic								
		suggestive that it is a sheared ultramafic -core angle: 140 to cA at 975 ft: shearing								
		C0, M0 (913.1-977), M2 (927-932.3), A6, Hem 2-0 (913.1-927),								
		Hem 4 (927-932.3) -no significant pyrite observed								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
932.3	934.2	Hematitic quartz-ankerite-pyrite veining Colour variable from brick red to white, very hard, non-magnetic, non-calcitic. Section is dominated by two large (0.3 and 0.5 ft) quartz-ankerite-orthoclase? Veins located in the 933.2 -934.2 ft interval. Strong pervasive hematite alteration is present in the vein wall rocks. Trace patchy specular hematite is noted in one of the veins. The veins have irregularly shaped walls. Gradational upper contact over 0.5 ft, sharp but irregularly shaped lower contact. Hem 6, A6, M0, C0 -strong pervasive hematite & ankerite alteration 1% fine to medium grained diss euhedral pyrite is present mostly in the vein walls, but some pyrite grains are observed within the veins as well.	36666	931.30	934.20	2.90	118	123		
934.2	970.6	Ultramafic volcanic Colour dark green to black, quite soft, non-magnetic, non-calcitic. Strongly developed foliated texture is defined by aligned bands of quartz-carbonate (ankerite) to 5-7mm in width. M0 (934.2-938), M6-4 (938-952), M0 (952-970.6), C0, A6 (934.2-957), A4-2 (957-970.6) -no significant pyrite observed	36667	934.20	936.00	1.80	70			
			36668	936.00	941.00	5.00	5			
			36669	941.00	946.00	5.00	NIL			
			36670	946.00	950.00	4.00	41			
			36671	950.00	951.40	1.40	14			
			36672	951.40	957.90	6.50	5			
			36673	957.90	960.00	2.10	45			
			36674	960.00	966.00	6.00	5			
			36675	966.00	970.60	4.60	NIL			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		950.0-951.4 ft fine grained foliated (Lamprophyre dyke)								
		-core angle: 135 to cA at ;953 ft: foliation								
		957.9-960.0 ft quartz-ankerite-hematite-pyrite zone. Colour brick red containing 15-20% quartz-ankerite veins to 1cm in width at variable angles to CA. Gradational irregular upper + lower contacts								
		-core angle: 150 to CA at 970.6 ft: contact								
		Hem 6, A0, C0, M0								
		1-3% diss very, very fine grained pyrite is concentrated in the hematitic alteration								
970.6	999.8	Lamprophyre	36676	970.60	976.00	5.40	NIL			
		Colour black, moderately hard, moderately to strongly magnetic,	36677	976.00	981.00	5.00	14			
		variably calcitic. Massive to weakly foliated, fine grained	36678	981.00	986.00	5.00	31			
		porphyritic texture containing 15-20% very fine grained biotite	36679	986.00	991.00	5.00	9			
		/amphibole phenocrysts. 5-7% calcite veining & patches generally	36680	991.00	996.00	5.00	2			
		oriented at high angles to CA	36681	996.00	999.80	3.80	12			
		M6, A0, C4 (970.6-976), C0 (976-986), C6 (986-999.8)								
		-no significant pyrite observed								
		999.8 ft EOH -Drillers rpt 1000.7 ft								
		Logged on site								
		R. Pressacco April 11, 2003								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-54

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-45.50+	181.80+
83.90	-45.50	181.80
165.95	-45.00+	180.00+
248.00	-45.00	
346.40	-44.90+	180.00+
444.80	-44.90	180.00
543.25	-44.60+	181.60+
641.70	-44.60	181.60
735.20	-43.20+	183.60+
828.70	-43.20	183.60
907.45	-41.70+	183.00+
986.20	-41.70	183.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55
Collar Eastings: 6100.86
Collar Northings: 2033.14
Collar Elevation: 7975.00
Grid: 2002 Imperial
Boyles 25 Dates: Mar.27-28/03 (same as M03-47)

Collar Inclination: -60.00
Grid Bearing: 325.00
Final Depth: 468.10 feet
POWELL TP.; CLAIM: MR 5401 XL16+20NE,2561NWBQ Core by Heath & Sherwood (1986, I
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 2, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	10.0	Casing all casing left in place								
10.0	106.6	Diabase Colour dark grey to black. Massive mafic porphyritic texture becoming fine grained and chilled through the 99-106.6 ft section. 1-3% epidote-calcite veinlets to 1cm at all angles to CA -core angle: 30 to cA at 106.6 ft: contact A2, M6-(locally M0), C0 -no significant mineralization								
106.6	191.0	Foliated mafic volcanic Colour medium green-grey, moderately hard, weakly to strongly calcitic, generally non-magnetic. Well developed foliated aphanitic to very fine grained texture is defined by alignment of dark green- black patches (106.6-116 ft), light yellow-brown lamellae (116-171ft) and chloritic stringers (171-191 ft) 106.6-116 ft section is characterized by the presence of abundant elongated/aligned fine to medium grained black patches. In places these patches occur as discrete patches, in other places they coalesce to form a matrix to lighter green material. Gradational contact.	20879	148.00	152.00	4.00	NIL			
			20880	152.00	154.00	2.00	480	480		
			20881	154.00	156.00	2.00	NIL			
			20882	161.00	166.00	5.00	7			
			20883	166.00	171.00	5.00	381	489		
			20884	171.00	176.00	5.00	2			
			20885	176.00	181.00	5.00	2			
			20886	181.00	186.00	5.00	3			
			20887	186.00	191.00	5.00	12			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

-core angle: 135 to cA at 112 ft: foliation

C2 (160.6-116), A2-(0), M4 (160.6-116.4)
-no significant pyrite

123.3 ft 0.2 ft wide calcite-rich vein contains trace chalcopyrite and 5-7% hematite (?)

126-155 ft This section contains a number of short lengths (0.5-1ft) of what appears to be a light grey cherty tuff. These sections have sharp contacts and are interspersed with massive to weakly foliated medium green-coloured material, possibly a mafic tuff. In places these cherty sections take on the appearance of some type of silica flooding/veining zone. These sections sub-parallel foliation
-core angle: 130 to ca at 145 ft: bedding

C0 (116-147), C2 (147-155), M0, A2 (116-155)
-no significant pyrite, 1-3% very fine grained diss euhedral pyrite is noted with the veined interval at 157.1-153.7 ft

A section of milkly quartz veining/brecciation is present at 152.1-153.2 ft

155-191.0 ft This section is characterized by the presence of well developed chloritic lamellae and stringers which are commonly oriented in an anastamozing fashion -possible shearing texture
M0 (155-191), A2 (155-171), A0 (171-1881), A2 (181-191),
C0 (155-166), C6 (166-191)

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		168-185 ft 3% quartz-calcite-tourmaline veins to 0.4 ft in length are aligned parallel to the foliation. In most cases the tourmaline accounts for 50% of the vein -core angle: 130 to cA at 176 ft: foliation								
191.0	244.8	Massive (weakly foliated) mafic volcanics Colour light green-yellow, moderately soft, variably magnetic, variably calcitic. Massive to weakly developed aphanitic - very fine grained texture. 7-10% disseminated magnetite noted in the 226-235 ft section -core angle: 125 to cA at 219 ft: foliation M0 (191-216), M2 (216-221), M4 (216-244.8), C6 (191-225), C0 (225-244.8), A2 (191-244.8) -no significant mineralization noted								
244.8	343.0	Mafic intrusive Colour dark green, moderately soft, variably magnetic, weakly to non-calcitic. Weakly foliated fine grained texture 5-7% epidote-calcite veinlets/stringers are oriented at all angles to CA and reach 1cm in width. 3-5% calcite-rich veinlets and patches can reach 0.1 ft in width and are oriented at all angles as well. Abundant specular hematite is noted in a large calcite vein at 319.6 ft 5% diss fine-medium grained magnetite is noted in the 329-338 ft section M6 (244.8-308), M0 (308-326), M2 (326-341), M0 (341-343), C0 (244.8-285), C2 (285-304), C0 (304-336), C3 (336-343.0), A0 (244.8-295), A2 (295-322), A0 (322-343.0)	20888	286.00	289.00	3.00	2			
			20889	289.00	291.00	2.00	7	17		
			20890	291.00	296.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace diss pyrite noted with some calcite veinlets. 0.2 ft long section of 7% very fine grained anhedral diss pyrite is noted at 290 ft								
343.0	365.5	Foliated mafic volcanics	20891	343.00	346.00	3.00	NIL			
		Colour medium green, moderately soft, non-magnetic, strongly	20892	346.00	350.50	4.50	3			
		calcitic. Strongly developed foliated texture is defined by	20893	350.50	351.60	1.10	14	3		
		aligned bands of calcite and sericite (calcite > sericite) to 1cm	20894	351.60	356.00	4.40	2			
		in thickness. The 357-365.5 ft interval has the appearance of	20895	356.00	361.00	5.00	NIL			
		shearing.	20896	361.00	365.50	4.50	117			
		Some textures suggest that this unit could be a foliated tuff unit.								
		Calcite-rich veinlets are 10-155 in abundance, mostly oriented along and defining the foliation, with a minor amount as cross-cutting veinlets. A 2cm band of calcite at 354.6 ft is noted to contain 30-50% black tourmaline								
		-core angle: 135 to CA at 356 ft: foliation								
		M0, C4-6, A2 (343.0-351), A0 (351-365.5), ser 1								
		1% disseminated very fine grained subhedral pyrite is present in the heavier calcitic sections and occurs mostly in the calcite bands.								
		Trace diss chalcopyrite is noted in a few of the calcite veinlets								
		350.5-351.6 ft Fine grained diabase dyke. Upper contact both follows + cross-cuts the foliation, lower contact is at 150 to CA but oblique to the foliation								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
365.5	372.1	Quartz-chlorite vein Massive milky white quartz vein contains 10-70% patchy green chlorite, 3-5% light brown-white sericite (muscovite?), and trace patchy black tourmaline. Upper contact is oriented at 140 to CA and slightly rotated from the foliation, lower contact is irregular and consists of a few quartz veinlets cross-cutting foliation and oriented at low angles to CA (160-170) M0, C0, A0 -no significant ankerite noted -no significant pyrite noted	20897	365.50	368.50	3.00	214	190		
			20898	368.50	372.10	3.60	113			
372.1	448.0	Weakly foliated mafic volcanic Colour medium green-grey, moderately hard, non-magnetic, variably calcitic. Weakly developed foliated aphanitic to very fine grained texture. 5-7% calcite-rich veinlets to 5-10mm in width occur as isolated veinlets, occasional conjugate vein sets, and rare breccia textured sections (394.0-394.7 ft) 2cm calcite vein at 394.0 ft. 5mm tourmaline-rich veinlet noted at 434.2 ft -0.6 ft of tourmaline stockworking noted at 443.5-444.1 ft -core angle: 135 to CA at 417 ft: foliation M0, A2 (372.1-384), A0 (384-448.0), C0 (372.1-387), C1 (387-392), C2 (392-406). C1 (406-411), C4-6 (411-421), C0 (421-448) Trace -1% diss fine grained subhedral-anhedral pyrite is associated with the calcite veinlets. 444.3-445.4 ft calcite-quartz stockworking contains weak wall	20899	372.10	376.00	3.90	NIL			
			20900	376.00	381.00	5.00	14			
			20901	381.00	386.00	5.00	5			
			20902	441.00	443.00	2.00	3			
			20903	443.00	446.00	3.00	9			
			20904	446.00	448.00	2.00	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		rock sericite alteration, trace tourmaline and 7-10% very fine grained diss euhedral pyrite								
448.0	450.7	Mafic tuff Colour medium green, moderately hard, non-magnetic, moderately calcitic. Massive to weakly developed bedded texture.Sharp upper contact, indistinct lower contact. 3% calcite-quartz stockworking contain trace diss very fine grained pyrite -core angle: 140 to CA at 448.0 ft: bedding C4, M0, A2 Trace -1% diss very fine grained pyrite is hosted by calcite-rich veinlets								
450.7	468.1	Mafic intrusive Colour medium green, moderately hard, non-magnetic, non-calcitic. Massive to weakly foliated fine to medium grained texture containing 1-2mm sized mafic phenocrysts (1-35) and 10-155, 2-3mm sized leucoxene grains. 3-55 calcite-hematite veins/veinlets to 2-3cm in size form a conjugate pattern -core angle: 140 to Ca at 456.5 ft: calcite vein -core angle: 25? To CA at 456.5 ft: calcite vein C0, M0, A0 -no significant pyrite 468.1 ft EOH -Drillers rpt 469.2 ft Logged on site R. Pressacco April 2/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-55

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
84.65	-55.00+	325.70+
169.30	-55.00	325.70
218.50	-54.50+	
267.70	-54.50	325.00+
316.90	-53.40+	
366.10	-53.40	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56
Collar Eastings: 6372.18
Collar Northings: 2676.03
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: March 30-31/03

Collar Inclination: -70.00
Grid Bearing: 325.00
Final Depth: 300.00 feet
POWELL TP.; CLAIM: MR 5380 XL22+00NE,2940NWBQ Core by Heath & Sherwood (1986) I
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 4, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	21.4	Overburden. (in ft) Hole broke into an old stope at 90m. Rubber plug installed at 25 metres, 1 bag of cement placed in hole. All casing recovered								
21.4	22.2	Massive mafic volcanic(?) Colour dark green to black, moderately hard, weakly magnetic, moderately calcitic to very fine grained texture. A0, C4, M2								
22.2	23.2	Quartz-chlorite-pyrite vein (?) Possible boulder intersected in the overburden. The interval consists of broken & blocky pieces of a white quartz-chlorite vein containing heavy disseminated pyrite in the wall rocks. Broken & blocky nature of the core precludes determination of vein attitude C0, M0, A0 20% diss fine grained euhedral pyrite in wall rock to qtz-chl vein	20932	22.20	23.20	1.00	10971		0.302	
23.2	26.2	Massive mafic volcanics Colour dark green, moderately hard, weakly magnetic, strongly calcitic. Massive to weakly foliated very fine grained texture.	20933	23.20	26.20	3.00	230			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1-3% calcite-rich veinlets to 1cm are oriented at all angles to CA M2, C6, A2 Trace diss fine grained anhedral pyrite. Trace chalcopyrite is hosted by a foliation-parallel calcite vein at 24.5 ft (150 to CA)								
26.2	28.0	Grey alteration zone Colour light grey, very hard, non-magnetic, weakly calcitic. Massive aphanitic texture with grey alteration coalesing into massive patches/sections, but also being observed to penetrate along foliation planes. 1-3% carbonate-rich (no reaction to Hcl or 'blue juice'-not ankeritic) veinlets to 1cm are oriented both along and cross-cutting the foliation. These veinlets are located in the central portion of the altered section -core angle: 135 to Ca at 127.6 ft: foliation -core angle: 140 to Ca at 127.0 ft: veinlet -core angle: 80 to CA at 127.0 ft: veinlet M0, C2, A0 -strong pervasive grey alteration section is very hard, suggesting that this may be a silica-albite alteration. Upper contact is distinct but irregular in shape, lower contact is sharp and generally follows the foliation 20% pyrite throughout occurring as medium-coarse grained disseminated subhedral-euhedral pyrite in close proximity to the carbonate veins. The grain size decreases to fine-very fine	20934	26.20	28.00	1.80	13989		0.410	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grained with distance from the carbonate veins								
28.0	61.4	Calcite flooded mafic volcanic	20935	28.00	31.00	3.00	NIL			
		Colour dark green, moderately hard, variably magnetic, weakly to	20936	31.00	36.00	5.00	NIL			
		non-calcitic. Weakly foliated very fine grained texture.	20937	36.00	41.00	5.00	NIL			
		Abundant calcite veinlets and stockworks which are generally 1-	20938	41.00	46.00	5.00	NIL			
		5mm in width occasionally reaching 2cm. Occasional breccia	20939	46.00	51.00	5.00	NIL			
		textures are turned by some of the larger veins.	20940	51.00	56.00	5.00	17			
		Veins/stockworks are oriented at all angles to CA	20941	56.00	61.40	5.40	NIL			
		M0 (28-46), M4 (46-61.0), C4 (28-46), C2 (46-51), C0 (51-61), A2 (28-36), A0 (36-61)								
		1% diss coarse grained euhedral pyrite throughout the unit. The pyrite grains typically contain rims of calcitic material								
61.4	68.3	Mafic tuff/massive mafic volcanic	20942	61.40	63.50	2.10	NIL			
		Colour dark green, moderately hard, non-calcitic, strongly magnetic.	20943	63.50	68.30	4.80	NIL			
		Massive bedded to fragmental sections of tuff are separated by a band of mafic volcanic in the 63.5-66.0 ft section								
		M6, C0, A0								
		Trace diss coarse grained pyrite								
		62.4-63.5 ft 10% calcite-tourmaline stockworking/veinlets								
68.3	84.1	Massive mafic volcanic	20944	68.30	71.00	2.70	NIL			
		Colour dark green, moderately soft, strongly magnetic, weakly to	20945	71.00	76.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		non-calcitic. Massive aphanitic to very fine grained texture.	20946	76.00	81.00	5.00	NIL			
		3-5% calcite-rich stockworks/veinlets to 3-5mm in width	20947	81.00	84.10	3.10	NIL			
		-core angle: 155 to Ca at 84.1 ft: contact								
		M6, A2, C0-4								
		1% diss coarse grained euhedral pyrite with white calcitic envelopes are present throughout and in association with the calcite veinlets								
84.1	85.0	Mafic tuff	20948	84.10	85.00	0.90	NIL			
		Colour dark green, moderately hard, moderately to strongly magnetic, non-calcitic. Moderately well developed foliated (bedded?) texture.								
		Upper contact appears to contain a 2cm wide band of hyaloclastite: 1-3% calcite veinlets/stringers								
		M4, C0, A0								
		3% coarse grained disseminated euhedral pyrite with white calcitic envelopes								
85.0	101.0	Pillowed, amygdaloidal mafic volcanic	20949	85.00	91.00	6.00	NIL			
		Colour dark green to dark grey, moderately hard, strongly	20950	91.00	96.00	5.00	5			
		magnetic, non-calcitic. Weakly developed pillowed textures are	20951	96.00	101.00	5.00	14			
		observed in the 90-95 ft section, amygdaloidal & hyaloclastite observed in the 98-101 ft section. 10% calcite-quartz-(chlorite) stockworking to 3-4cm in width								
		M6, A2, C0								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1% diss coarse grained euhedral pyrite with white calcitic envelopes.								
		Trace chalcopyrite is noted in an calcite stringer at 95.3 ft								
101.0	115.7	Massive mafic volcanic	20952	101.00	106.00	5.00	NIL			
		Colour dark green to black, moderately hard, moderately magnetic,	20953	106.00	111.00	5.00	NIL			
		moderately calcitic. Massive very fine grained texture. 5-7%	20954	111.00	115.70	4.70	3			
		calcite-rich veinlets occur as conjugate veins to 1cm in width and as breccias and patches (with quartz) to 2cm								
		M4, A0, C2								
		1% diss fine grained euhedral to anhedral pyrite throughout								
115.7	117.2	Quartz-pyrite-chlorite vein	20955	115.70	117.20	1.50	2001		0.057	
		Colour variable from white to medium grey-green, very hard, non-magnetic, weakly calcitic. The interval is dominated by a 0.4 ft wide qts-py-chl-(ank) vein at 116.5-116.9 ft that is oriented at a high angle to CA								
		-core angle: 95 to CA at 116.5 ft: vein								
		A0, M0, C2								
		-weak pervasive calcite. Incipient grey alteration accompanied by a pinkish silicification is noted in the wall rocks to the vein								
		10-15% fine to coarse disseminated subhedral pyrite is present both in the vein itself, but mostly in the wall rocks in the								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		115.7-116.5 ft section. The pyrite in the wall rocks is distinctly coarser than the vein pyrite. The vein pyrite occurs mostly as a band of diss grains in the central part of the vein, and a weak concentration along the lower vein wall								
117.2	128.0	Massive mafic volanics	20956	117.20	121.00	3.80	144			
		Colour dark green, moderately hard, strongly magnetic,	20957	121.00	126.00	5.00	NIL			
		non-calcitic.	20958	126.00	128.00	2.00	NIL			
		Massive to weakly foliated aphanitic to very fine grained texture containing locally developed calcite-filled amygdoloidals that are stretched out along foliation. 3% calcite-rich veinlets & patches								
		-core angle: 125 to Ca at 123 ft: foliation								
		C0-2, M6, A0-2								
		1% diss-patchy fine grained euhedral pyrite								
128.0	128.8	Grey alteration zone	20959	128.00	128.80	0.80	3411		0.090	
		Colour medium grey, very hard, non-magnetic, strongly calcitic. Weakly foliated texture. Weakly developed thin qtz-calcite veinlets are oriented both along the foliation and cross-cutting. The veinlets are on the order of 3-5mm in width.								
		-core angle: 150 to Ca at 128.2 ft: foliation								
		C6, A0, M0								
		15% very fine to medium grained diss subhedral pyrite is evenly spread through the interval.								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
128.8	160.0	Massive mafic volcanic	20960	128.80	131.00	2.20	38			
		Colour medium green-grey, moderately hard, moderately to strongly	20961	131.00	136.00	5.00	5			
		magnetic, strongly calcitic. Massive aphanitic texture	20962	136.00	141.00	5.00	10			
		5% calcite-rich veinlets to 1cm in width are oriented at all	20963	151.00	156.00	5.00	3			
		angles to CA	20964	156.00	160.00	4.00	9			
		M4-(6), A0-2, C6								
		3% diss coarse grained euhedral pyrite throughout								
		135.4-136.7 ft Section of blocky core (RQD = 0)								
160.0	206.3	Pillowed, amygdaloidal mafic volcanics	20965	160.00	162.50	2.50	7	NIL		
		Colour variable from dark green (hyaloclastite) to medium grey	20966	162.50	166.00	3.50	NIL			
		(pillow cores/pillow breccia). Hardness variable from moderately	20967	166.00	171.00	5.00	12			
		soft (hyaloclastite) to very hard (pillow cores/pillow breccia),	20968	171.00	176.00	5.00	7			
		strongly magnetic, weakly calcitic. Well developed fragmental &	20969	191.00	193.00	2.00	5			
		foliated texture with 2cm-1 ft long pillows/pillow breccia	20970	193.00	197.40	4.40	14			
		fragments set in a chloritic aphanitic hyaloclastite matrix.	20971	197.40	199.20	1.80	3			
		Abundant (7-10%) silica-filled amygdaloidals to 5-7mm in	20972	199.20	203.00	3.80	5			
		diameter, 1-3% calcite with veinlets at all angles to CA.	20973	203.00	206.30	3.30	NIL			
		Section is most strongly fragmental textured in the 160-190 ft								
		section, gradually becoming more massive/weakly amygdaloidal in								
		the 190-197 ft section and weakly pillowed in the 197-206.3 ft								
		section								
		M0(160-171), M6 (171-191), M4 (191-206.3), C2 (160-196),								
		C4-6 (196-206.3), A2 (160-171), A0 (171-206.3)								
		Generally no significant pyrite observed 160.0-162.0 ft: 3% diss								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		fine grained euhedral pyrite								
		162.5-155.0 ft Quartz-chlorite-(tourmaline)-(calcite)-(ankerite) veining -approx. 505 of the interval is composed of quartz-chlorite veining. The veining is highly variable in shape but on the whole shows a preferred alignment along foliation. The dominant vein minerals are quartz and chlorite in the 1-3% black tourmaline veinlets (patches, and trace calcite-ankerite) -core angle: 135 to CA at 163.5 ft: vein No significant pyrite noted								
		197.6-199.1 ft interval containing calcite-pyrite and calcite-tourmaline-chlorite-pyrite becoming? Sub-parallel to foliation -core angle: 145 to CA at 198 ft: baseline 3% diss very fine grained pyrite								
206.3	276.2	Massive mafic volcanic	20974	206.30	226.00	19.70	NIL			
		Colour dark green, moderately soft, strongly magnetic, moderately	20975	226.00	231.00	5.00	2			
		calcitic. Massive to weakly developed fine grained to aphanitic	20976	231.00	236.00	5.00	3			
		foliated texture. 5-7% calcite stockworking is present as	20977	236.00	261.00	25.00	NIL			
		foliation-parallel bands, conjugate veins, breccia patches and	20978	261.00	266.00	5.00	2			
		occasional irregular stringers.	20979	266.00	271.00	5.00	NIL			
		-core angle: 150 to CA at 260 ft: foliation	20980	271.00	276.20	5.20	22			
		M6, C6 (206.3-276), C2 (226-261), C1 (261-270), C0 (270-276), A0 (206.3-250), A2 (250-262), A3 (262-270), A6 (270-276.3)								
		1% diss patchy pyrite, trace chalcopyrite noted in a calcite								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		veinlet at 229.8 ft								
		271.0-276.2 ft 3% hairline tourmaline veinlets to 1mm thick are oriented at a low angle to CA. They can be seen to cross-cut the foliation and in places they take an folded and wormy/wavy textures where they cross "the end grain" of the foliation in the core. The frequency of veining increases downhole. Trace qtz-ankerite veinlets/patches with creamy wall rock alteration are noted at 273.5 ft -core angle: 160 to CA at 273 ft: tourmaline stringers								
		-Driller dropped the rods at 276.2 ft. Possible few inches of lost core.								
276.2	293.6	Grey alteration zone	20981	276.20	279.80	3.60	1714			
		Colour variable from light grey-brown to light yellow-brown to	20982	279.80	281.00	1.20	4697			
		white, very hard, non-magnetic, non-calcitic. Massive to weakly	20983	281.00	282.50	1.50	17897		0.505	
		foliated texture. The interval consists of a number of milky	20984	282.50	283.60	1.10	1577			
		quartz-ankerite-(pyrite) veins/stockworks which range from 1cm to	20985	283.60	285.90	2.30	6206			
		0.7 ft in width.	20986	285.90	288.70	2.80	13029			
		For the most part the quartz is milky white, but some occurrences	20987	288.70	293.60	4.90	1920		0.057	
		of an orangish tint (283.8) or glassy (281.8 & 282.3) are seen.								
		For the most part the quartz veins define a brecciated or stockwork/network texture that are separated by variably altered wall rock.								
		Sil 6, Ank 6, M0, C0								
		-strong pervasive silica (?)-ankerite-ablite (?) Alteration is clearly seen to penetrate into the wall rocks from the quartz								

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

veins.
Where the veins are far enough apart the alteration envelopes do not merge and the intervening interval consists of heavily spotted altered (ankerite) mafic volcanics.

Estimate overall pyrite abundance at 5-7%, however locally up to 15-20% pyrite can occur over 1-2 ft. for the most part the pyrite is finely disseminated and euhedral in the altered wall rocks, but medium-coarse grained euhedral pyrite is associated with the quartz veins at 277.1 ft

281.8-282.3 ft Numerous occurrences of **VISIBLE GOLD** are observed on these two thin, glassy quartz veins. The veins are 1cm in width, sub-parallel to each other and very clearly cross-cut the foliation. Upwards of 20 grains of native gold up to 0.5-1.0mm in size are noticed. For the most part the gold grains are pin-prick in size
-core angle: 15 to CA at 281.8 ft: VG Vein
-core angle 140 to Ca at 282 ft: foliation

276.2-279.8 ft Abundant milky quartz veining at all angles to CA.

10% diss fine to coarse grained pyrite
-core angle: 155 to CA at 276.8 ft: foliation

279.8-281.0 ft foliated leucoxenitic, weakly altered mafic volcanics(?). A few quartz veinlets with wall rock alteration envelopes 280.1-280.6 ft. This altered section contains 5-7% medium-coarse grained diss euhedral pyrite

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		281.0-282.5 ft Intense grey alteration containing two glassy quartz veins with abundant **visible gold**. 20% very fine grained diss euhedral pyrite in the altered wall veins								
		282.5-283.6 ft Moderate spotty ankerite altered wall rocks. Moderately developed foliation. -core angle: 145 to CA at 283 ft: foliation								
		283.6-285.9 ft Two milky quartz veins at high angle to CA and up to 0.3 ft wide. Intense grey alteration envelopes up to 0.5 ft from the vein walls. These envelopes contain abundant very fine to medium grained euhedral pyrite. In general the grain size of the pyrite is coarse near the veins. Pyrite abundance in an individual envelope can be up to 20%, but estimate 10% overall pyrite abundance for the section								
		285.9-288.7 ft Massive ankerite-sercite(?) alteration containing 3-5% diss fine grained pyrite. 1-3% diss fine grained magnetite is present throughout. Weakly developed veinlets (with accompanying alteration halos) provide textural evidence to suggest that this was an earlier alteration event that has been overprinted by the grey alteration /veining.								
		288.7-293.6 ft Quartz breccias, grey alteration and abundant (20%) diss very fine-medium grained euhedral pyrite. The veins are oriented at all angles to CA. A 2cm vug is noted at 291.8 ft. The interval contains 5-7% fine grained disseminated dark grey mineral (non-magnetic)that imparts a spotty texture to the veining.								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-56

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt

293.6 to 294.9ft Underground Opening; no core recovery
suspect that this is a stope on 3rd level.

293.6 ft EOH -Drillers rpt 294.9 ft

Logged on site
R. Pressacco April 4/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-68.80+	326.60+
93.80	-68.80	326.60
143.05	-65.40+	
192.30	-65.40	327.00+
241.50	-62.40+	
290.70	-62.40	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-57
Collar Eastings: 6502.46
Collar Northings: 2474.27
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: April 2-3/03

Collar Inclination: -90.00
Grid Bearing: 325.00
Final Depth: 246.00 feet
POWELL TP.; CLAIM: MR 5380 XL22+00NE,27+00NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 5, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.3	Casing all casing left in place								
4.3	68.4	Massive mafic volcanic/fault zone Colour medium green, moderately hard, strongly magnetic, weakly calcitic. This interval is strongly broken/blocky with the overall RQD easily estimated at less than 25%. Possible fault zone. Weakly foliated, fine grained texture -core angle: 35 to CA at 47 ft: foliation M4/M6, C2-(4), A2 -no significant pyrite noted								
68.4	246.0	Variolitic mafic volcanic Colour variable from dark green to light green-grey, hard, strongly magnetic, variably calcitic. Foliated, massive to variolitic textures are easily observed (eg 71-76 ft) with abundant 5mm sized "bird's eye" varioles stretched (elongated along foliation). These variolitic sections define flow tops/flow bottoms and occasional sections of flow breccia/pillow breccia. 3-5% calcite-rich veining at all angles to CA. Numerous occurrences of bedded magnetite are observed (eg 70.0-70.6, 75.1-75.6, 77.6-78.3 and 107.9-108.1ft) -core angle: 20 to CA at 70 ft: bedding -core angle: 40 to CA at 145 ft: bedding	36003	101.00	106.00	5.00	NIL			
			36004	106.00	110.20	4.20	NIL			
			36005	110.20	111.20	1.00	5			
			36006	111.20	116.20	5.00	NIL			
			36007	116.20	121.00	4.80	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-57

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

M6 (68.4-110), M2 (110-116), M4-6 (116-246.0), C0 (68.4-111),
C2(111-116), C6 (116-136), C0 (136-246.0), A2 (68.4-96),
A0 (96-141), A4-6 (141-168), A2 (168-178), A0 (178-193),
A4 (193-226), A2/a4 (226-246)

Trace diss & patchy fine grained subhedral pyrite

110.4 0.4 ft wide qtz-pyrite-tourmaline vein oriented at 45 to CA
(sub-parallel to foliation)

172-178 ft A 3cm wide magnetite bed follows the core axis in a
wavy outline
-core angle: 35 to CA at 192 ft: flow contact?

216.6 ft irregular qtz-calcite-pyrite vein 0.4 ft in width.
Irregular contacts

238.6 ft 0.3 ft wide qtz-calcite vein. Vein walls are irregular
in shape. Trace tourmaline

246.0 ft EOH -Drillers rpt 246.1 ft

Logged on site
R. Pressacco April 5/03

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-57

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
120.00		10.00+
143.00	-88.00+	
241.50	-86.20	20.50

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58
Collar Eastings: 6394.84
Collar Northings: 2279.28
Collar Elevation: 7967.00
Grid: 2002 Imperial
Boyles 25 Dates: April 3-4/03

Collar Inclination: -90.00
Grid Bearing: 325.00
Final Depth: 349.60 feet
POWELL TP.; CLAIM: MR 5380 XL20+00NE,26+00NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 7, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	4.1	Casing all casing left in place								
4.1	75.4	Mafic intrusive (foliated) Colour dark green, moderately soft, generally non-magnetic, weakly to non-calcitic. Well developed foliated, fine grained texture. 10-15% calcite-rich veinlets/stockworks present throughout, mostly occurring as shattered short veinlets, breccia patches and thin veinlets M0 (4-22?), M4- (?) (22-43), M0 (93-75.4), C2 (4-35), C0 (35-57), C2-6 (57-75.4),A0 -no significant sulphide observed 19.0-20.5 ft 0.1 ft wide calcite-quartz veinlet oriented along foliation. 3-5% thin foliation-parallel tourmaline bands present in the 19-19.7 ft section -core angle: 30 to Ca at 17 ft: foliation 39.4-41.3 and 53.3-55.2 ft fragmental breccia-textured sections. Large (3-5cm) angular to sub-angular fragments are matrix-supported and outlined by thin calcite-rich envelopes. Possible hydrothermal breccias. The foliation in the fragments can be seen to be rotated in these zones -core angle: 40 to CA at 69 ft: foliation	36008	16.00	18.40	2.40	7			
			36009	18.40	20.40	2.00	NIL			
			36010	20.40	26.00	5.60	NIL			
			36011	71.00	75.40	4.40	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
75.9	183.4	Foliated mafic vocanics	36012	75.40	77.60	2.20	147			
		Colour light grey-green, moderately soft, non-magnetic, weakly to	36013	77.60	81.00	3.40	36			
		non-calcitic. Well developed foliated aphanitic textures	36014	91.00	96.00	5.00	10			
		'distinct' colour change noticed at upper contact.	36015	96.00	101.00	5.00	NIL			
		10-15% calcite-quartz veinlets throughout, occurring as	36016	101.00	106.00	5.00	NIL			
		foliation-parallel bands, but more commonly as irregular patches	36017	166.00	171.00	5.00	NIL			
		and cross-cutting veinlets. Very fine grained block tourmaline	36018	171.00	173.60	2.60	9			
		is often noticed within these calcite veinlets (eg 88.1, 84.2,	36019	173.60	176.00	2.40	240	171		
		99.3 and 112.2)	36020	176.00	181.00	5.00	21			
		-core angle: 40 to CA at 107 ft: foliation								
		M0k, C0, A0 (75.4-140), A2 (140-183.4)								
		-no significant pyrite observed								
		75.4-77.6 ft possible shear zone. This section is characterized by the presence of sericitic lamellae and a general increase in the intensity of the foliation -core angle: 35 to CA at 77 ft: shear?								
		107-183.4 ft The intensity of foliation decreases noticeably in this section, becoming massive to weakly foliated -abundance of calcite-rich veinlets dips off to 5% 174-176 ft A 3cm wide quartz-calcite veinlet containing 3% wall rock pyrite is oriented essentially parallel to core axis. Minor wall rock sericitization -core angle: 35 to CA at 179 ft: foliation								
183.4	201.4	Massive mafic volcanic	36021	181.00	186.00	5.00	NIL			
		Colour dark green, moderately hard, moderately to strongly	36022	186.00	187.60	1.60	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		magnetic, non-calcitic. Massive aphanitic to very fine grained texture.	36023	187.60	191.00	3.40	NIL			
			36024	191.00	196.00	5.00	7			
		3% calcite-quartz veinlets are oriented generally along a weakly developed foliation								
		C0, A2, M4 -No significant pyrite observed								
		186.0-187.6 ft section of calcite (quartz) veining containing 5% fine to very fine grained diss euhedral pyrite in the wall rocks. Vein walls are very irregular in shape								
201.4	203.9	Tuff/bedded magnetite Colour variable from light green to dark grey-black, very hard, non-calcitic, moderately to strongly magnetic. Well developed bedded texture consisting of interlayered mafic tuff and magnetite beds to 0.2 ft in thickness. Trace calcite-rich veinlets -core angle: 25 to CA at 202 ft: bedding								
		C0, M0, A2 -no significant sulphides observed								
203.9	217.5	Mafic volcanic Colour medium green-grey, moderately hard, moderately to strongly magnetic, weakly calcitic. Massive to weakly foliated very fine grained texture. 1% calcite-quartz veinlets								
		M4, A2, C2 -no significant pyrite observed								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		210.7-211.7 ft section of calcite stockworks and epidote (?) alteration								
217.5	219.9	Mafic tuff Colour dark green, moderately hard, moderately magnetic, weakly calcitic. Well developed bedded texture containing finely to coarsely interlaminated tuff layers ranging from 5mm-0.4 ft thickness -core angle: 35 to CA at 219 ft: bedding								
219.9	235.3	Mafic volcanic flow Colour dark green-grey, moderately hard, moderately magnetic, moderately calcitic. Well developed foliated/banded texture is defined by alignment of calcitic patches. Occasional hyaloclastite layers and chilled flow tops are commonly observed. 3-5% calcite-rich veinlets (with quartz) to 5-7mm in width. A 0.1 ft wide pinkish quartz vein oriented parallel to foliation is noted at 227.5 ft -core angle: 50 to CA at 234 ft: flow contact M4, C2-4, A2 (219.9-233), A0 (233-235.3) -no significant pyrite observed	36025	231.00	235.30	4.30	3			
235.3	268.1	Foliated mafic volcanic (ultramafic?) Colour black, generally non-magnetic, moderately soft, variably calcitic. Well developed foliated texture is defined by the presence of abundant (50%), disseminated and patchy pervasive calcite. The colour and a weak soapy feel at the core suggests that this may be a komatiitic basalt? 5-7% calcite-rich veinlets generally cross-cutting the foliation at high angles	36026	235.30	238.20	2.90	2			
			36027	238.20	241.00	2.80	5			
			36028	241.00	246.00	5.00	7			
			36029	246.00	251.00	5.00	2			
			36030	251.00	256.00	5.00	NIL			
			36031	256.00	261.00	5.00	12			
			36032	261.00	266.00	5.00	6			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			36033	266.00	268.10	2.10	9			
		M2-4 (235.3-246), M0 (246-268.1), C2-4 (235.3-242), C0 (242-247), C2-6 (247-253), C1 (253-268.1), A0 -no significant pyrite observed								
		237.0-237.8 ft A 1cm wide glassy quartz calcite veinlet oriented along foliation is noted -no significant alteration noted 5-7% disseminated fine grained subhedral pyrite is present on the wall rock to the vein -core angle: 35 to CA at 237.3 ft: vein -core angle: 45 to CA at 241 ft: foliation								
		246.9-247.6 ft foliation-parallel calcite vein/patchwork. No sulphides or alteration noted								
268.1	273.1	SHEAR Zone? Colour light green-grey, soft, non-magnetic, strongly calcitic. Strongly developed foliated texture, the section is quite blocky with 5mm of foliation-parallel fault gouge noted at 268.5 ft. Abundant (30-40%) calcite patches to 1cm are aligned and define the foliation -core angle: 40 to CA at 271 ft: foliation	36034	268.10	273.10	5.00	7			
		M0, C6, A0 -no significant pyrite observed								
273.1	279.3	Streaky basalt Colour variable from light grey-black, moderately hard, non-magnetic.	36035	273.10	275.00	1.90	1687		0.048	
			36036	275.00	279.30	4.30	39			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Strongly foliated (sheared?) Texture is developed by alternating light (calcitic) patches/bands and dark mafic volcanic. In places a weak anastomasing texture is observed -core angel: 25 to CA at 276 ft: foliation								
		M0, C4, a2 -generally no pyrite present								
		273.1-275 ft pink-orange quartz-chlorite vein and weakly developed grey alteration zone. The vein is 0.2 ft in width with irregular contacts -strong pervasive calcite alteration imparts a grey alteration colour. Trace to minor sercite observed in the alteration 1% diss very fine grained euhedral pyrite is present in the alteration envelope								
		277.3 ft 0.1 ft wide quartz-ankerite vein is oriented at 60 to CA, cross-cutting foliation -no vein related alteration -no vein related sulphides								
279.3	285.3	Grey alteration zone Three quartz ankerite veins (280.3, 0.3 ft wide, 60 to CA), (283.9, 0.1 ft, high angle) and (285.0, 5mm, 25 to CA-foliation parallel) have well developed alteration envelopes of grey calcite alteration. The intervening rock between the alteration envelopes is strongly foliated and contains 15-70% thin foliation-parallel sercite lamellae?	36037 36038	279.30 281.60	281.60 285.30	2.30 3.70	2057 326		0.066	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 30 to CA at 282 ft: foliation								
		M0, C6, A0 -strong pervasive grey calcite alteration 7-10% fine-medium grained disseminated euhedral pyrite. Pyrite is generally coarser in grain size near the ankerite vein at 280.3 ft								
285.3	308.6	Massive mafic volcanic Colour medium green-grey, moderately hard, non-magnetic, moderately calcitic. Massive to weakly foliated aphanitic texture. 3% calcite-rich veinlets to 5mm in width at all angles to CA	36039 36040 36041 36042 36043	285.30 291.00 296.00 301.00 306.00	291.00 296.00 301.00 306.00 308.60	5.70 5.00 5.00 5.00 2.60	5 14 7 NIL NIL			
		M0, C3, A0 (285.3-300), A2 (300-308.6) -10% wispy sericite patches to 1-2cm are present 305-308.6 ft -no significant pyrite								
308.6	310.3	Brown alteration zone (sericitic) Colour light brown, very hard, non-magnetic, non-calcitic. The alteration envelope clearly follows the foliation planes and is centered about a 1cm wide quartz-ankerite vein at 309.5 ft (65 to CA) -core angle: 20 to Ca at 309.0 ft: foliation	36044	308.60	310.30	1.70	3566		0.096	
		M0, C0, A0 5% diss very fine grained anhedral pyrite is contained mostly within the alteration envelope. The pyrite increases to medium grained in grain size in the quartz-ankerite vein and remains anhedral								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
310.3	349.6	Foliated mafic volcanic	36045	310.30	316.00	5.70	19			
		Colour medium to dark green-grey, moderately soft, non-magnetic,	36046	316.00	317.10	1.10	14			
		moderately calcitic. Well developed foliated, very fine grained	36047	317.10	319.10	2.00	10			
		texture. 3-5% calcite-rich veinlets and generally oriented at 45	36048	319.10	321.00	1.90	9			
		to CA, perpendicular to foliation and increase in abundance								
		downhole.								
		1cm laminated qtz-cc-tour veinlet (25 to CA_ and a 2cm qtz-cc-								
		pyrite vein (65 to CA) are noted in the 317.4-318.1 ft section								
		M0, A2 (310.3-322), A0 (322-341), A2 (341-349.6), C5 (310.3-330),								
		C4(330-349.6)								
		-no significant pyrite								
		331.2 ft 2cm wide laminated tourmaline-calcite vein is oriented								
		sub-parallel to foliation								
		349.6 ft EOH Drillers rpt 351.0ft								
		Logged on site								
		R. Pressacco April 7/03								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-87.60+	340.20+
93.80	-87.60	340.20

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH INCLINATION BEARING

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x
Collar Eastings: 6394.84
Collar Northings: 2279.28
Collar Elevation: 7967.00
Grid: 2002 Imperial
Boyles 25 Dates: May 9-10/03 ext'n of M03-58

Collar Inclination: -90.00
Grid Bearing: 55.00
Final Depth: 547.90 feet
POWELL TP.; CLAIM: MR 5380 XL20+00NE,26+00NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: R.V. Zalnieriunas
Date: May 13, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	349.6	no core - previously drilled re-entered and extended hole M03-58 by 200ft to test for possible flat structure to 2-2X zone mineralization -rvz								
349.6	351.2	GND & LOST CORE (2) no core recovery								
351.2	376.8	Weakly sheared/foliated mafic volcanic (4mvo-fol)	43020	351.20	355.00	3.80	14	7		
		Medium grey, fine grained, th lam, mod sheared & fol'd @ 45dca	43021	355.00	360.00	5.00	NIL			
		-fol'n & bnds decreases @ 369.0ft & grades into	43022	360.00	365.00	5.00	NIL			
			43023	365.00	369.00	4.00	NIL			
		A1-2, C2-4, M1-2	43024	369.00	374.00	5.00	62	45		
		-mod chl'c & bndd parallel to foliation, wk carb banding parallel	43025	374.00	376.80	2.80	NIL			
		to foliation								
		tr -1% f & mg py as minor clots, blebs & occ py threads parallel to foliation								
376.8	395.8	Massive mafic volcanic (4mvo)	43026	376.80	378.40	1.60	3			
		Medium green, fine grained, massive mafic volcanic, weakly	43027	378.40	381.00	2.60	5			
		fractured & sealed with white irregular quartz cc threads &	43028	381.00	386.00	5.00	NIL			
		stringers mainly as flats @ 95, 155 & occ 45dca	43029	386.00	391.00	5.00	NIL			
			43030	391.00	395.80	4.80	NIL			
		A2 & 1, C1-c1 threads , M4 -mod chl'c, wk tr cc spotty/amygd. as rare diss vague bands								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1 -tr py as fg wisps & clots (Replacement)								
		376.9-377.2 pale green-grey, fg, carb alt'd bnd or poss siltstone interbed @ 29dca								
		BC @ 40dca								
395.8	403.5	Altered & banded mafic volcanic (4mvo)	43031	395.80	398.90	3.10	NIL			
		Pale green & dark green, fg, alt'd mafic volc of i/c pale green	43032	398.90	400.70	1.80	17			
		calcite carb'd volc's 0.1-1.0ft i/c with dark green chl'c alt'n	43033	400.70	403.50	2.80	3			
		stringers -bndg @ 40-39dca grades into								
		A1, C thds/C1, M1+3, Chl 3+								
		tr -1% py diss mg & minor wisps gen ass'd with carb bnds								
403.5	475.8	Massive mafic volc (4mvo)	43034	403.50	408.50	5.00	3			
		(Similar to 376.8-395.8)	43035	408.50	413.50	5.00	NIL			
		-q cc stringers & threads decrease downhole -locally faint	43036	413.50	418.50	5.00	7			
		shearing?/fol'n bnds dev'd/about 5-10ft	43037	418.50	420.60	2.10	10			
			43038	420.60	422.00	1.40	89	91		
		A2, C0 & threads, M4	43039	422.00	427.00	5.00	NIL			
		-wkly chl'c throughout, minor white cc & q cc threads & flats	43040	455.00	460.00	5.00	NIL			
		Overall tr -1% diss py, wispy? & minor threads								
		120.7-421.9 7% py fg strs & alt'n walls to q cc veinlets & stringers								
		420.7-421.7 bndd & str cc-qtz veining with py @ walls dev'd @								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		25dca rotated 20deg counter clockwise								
475.8	476.2	Water Seam? -earthy brown stained, blocky & broken, Fe-oxide stained volc frags & Fe-oxide sand/0.1ft @ BC CA about 122dca?								
476.2	483.3	Massive mafic volc (As 403.5-475.8) A2, C9, M4-6 -no significant mineralization								
483.3	511.0	Sheared /Foliated mafic volcanics Med green, fg, th lam rextalized, mod-wkly shd @ 41dca as defined by chl'c seams & threads, mod crackled & sealed with white q cc threads & stringers gen parallel to schistosity & occ 110dca flats A2, C4+, M0 1-2% py fg diss & diss stringers parallel to schistosity 506.0-511.0 trans'n zone of m-th bnd: fol'd volc & i/c streaky / more sheared volcs as below; grades @ 45dca into	43041	483.30	488.20	4.90	5			
			43042	488.20	492.50	4.30	9			
			43043	492.50	497.50	5.00	3			
			43044	497.50	500.00	2.50	2			
			43045	500.00	505.00	5.00	9			
			43046	505.00	510.00	5.00	3			
511.0	517.65	Streaky volcanic (basalt) Dark & pale green, fg, t & th lam alt'd & magnetic volc, mod-strongly sheared -tuffaceous looking, mod rextalized, m-th bndd, mod quartz-calcite stringers gen parallel to schistosity	43047	510.00	515.00	5.00	NIL			
			43048	515.00	517.60	2.60	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		throughout								
		A1, C1, M1-6 (5), Chl 3 -tr seric; alternating lams -strong chl'c volc & -pale green-grey sil'd?/clay alt'd volc with poss tr seric on laminations								
		1-2% py f & mg wisps & diss grains parallel to schistosity								
517.65	518.0	GND & LOST CORE								
518.0	535.0	Sheared mafic volc & i/c minor lean BIF	43049	518.00	521.00	3.00	NIL			
		med green, fg, massive mafic volc & occ med bnds of i/c	43050	521.00	525.00	4.00	3			
		fol'd/sheared volcs & rare(<0.2ft) pale grey, cherty strs	43051	525.00	530.00	5.00	NIL			
		of Magnetite Iron Formation as interflow sed lams;	43052	530.00	535.00	5.00	NIL			
		fol'n/bedding 30dca, grades 38dca into								
		A1-0, C2-tr, M4-5 -no significant mineralization								
535.0	547.9	Carbonitized & foliated mafic volcanic (4mvo)	43053	535.00	540.00	5.00	10			
		Medium green, m & fg, massive-tl, med bndd, wkly rextalized &	43054	540.00	544.00	4.00	NIL			
		cloudy carb bndd/str'd foliated volc, strongly magnetic	43055	544.00	547.90	3.90	NIL			
		throughout, fol'n S1 = 38-35dca; occ cherty BIF bnds (as above) dev'd parallel to schistosity								
		A1, C2, M6								
		547.9 ft EOH -Drillers rpt 167m (547.9 ft)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged by R.V. Zalnieriunas
May 13/03
on site

Hole Survey Note:
values flagged + are assumed dip/bearings for mid-point plotting

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
46.90	-87.60+	340.20+
93.80	-87.60	340.20
143.05	-85.60+	3.10+
192.30	-85.60	3.10
241.50	-85.30+	6.50+
290.70	-85.30	6.50
357.90	-84.90+	15.00+
425.10	-84.60	15.00
479.25	-82.90+	13.10+
533.40	-82.90	13.10

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-58x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
357.90	-84.90+	15.00+
425.10	-84.60	15.00
479.25	-82.90+	13.10+
533.40	-82.90	13.10

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59
Collar Eastings: 6288.13
Collar Northings: 2081.25
Collar Elevation: 7980.00
Grid: 2002 Imperial
Boyles 25 Dates: April 4-5/03

Collar Inclination: -90.00
Grid Bearing: 325.00
Final Depth: 359.80 feet
POWELL TP.; CLAIM: MR 5401 XL18+00NE,25+00NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: April 7, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	5.1	Overburden all casing left in place								
5.1	21.0	Foliated mafic volcanics Colour dark green, moderately hard, near-to moderately magnetic, strongly calcitic. Moderately well developed foliated aphanitic texture. 1-3% quartz-calcite veinlets sub-parallel the foliation -core angle: 25 to cA at 12 ft: foliation M0 (5-15), M4 (15-21.0), C6, A0 -no significant mineralization	36049	11.00	16.00	5.00	5			
			36050	16.00	21.00	5.00	NIL			
21.0	25.7	Grey calcite-pyrite alteration This section contains 2 thin quartz-ankerite veinlets (21.8 ft, 2cm, 55 to CA cross-cutting foliation) and (25.4 ft, 1cm, 45 to CA cross-cutting foliation) with associated grey alteration envelopes (calcite-dominated) up to 0.2 ft from the vein. The intervening 21.8-25.4 ft section contains incipient grey alteration and 1-3% diss pyrite C6, M0, A0 3% disseminated very fine grained euhedral pyrite in the wall rock alteration envelope. Pyrite is fine grained anhedral in the vein at 21.8 ft	36051	21.00	22.60	1.60	2949		0.090	
			36052	22.60	24.20	1.60	39			
			36053	24.20	25.70	1.50	2914		0.078	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
25.7	101.9	Foliated mafic volcanics	36054	25.70	31.00	5.30	185			
		Colour medium to dark green, moderately hard, variably magnetic,	36055	31.00	36.00	5.00	41			
		moderately calcitic. Well developed foliated texture is defined	36056	61.00	66.00	5.00	87			
		by alignment at calcite bands & patches. Where the calcite is	36057	66.00	71.00	5.00	5			
		abundant (50%), the core takes on a distinct anastamosing texture								
		(eg 57 ft), 1% calcite-rich veins/veinlets and patches								
		-core angle: 30 to CA at 61 ft: foliation								
		M4 (2507-41), M0-2 (41-56), M4 (56-61), M2-0 (61-86),								
		M0 (86-101.9), A2 (2507-61), A0 (61-91), A2 (91-98),								
		A4 (98-101.9), C1 (25.7-35), C6 (35-43), C2-4 (43-101.9)								
		-no significant pyrite observed								
101.9	193.7	Ankeritized mafic volcanics	36058	101.90	106.90	5.00	2			
		Colour light green-grey, moderately hard, non-magnetic,	36059	106.90	112.20	5.30	14			
		non-calcitic.	36060	112.20	113.20	1.00	17			
		Well developed foliated aphanitic texture. Abundant creamy	36061	113.20	116.00	2.80	NIL			
		yellow-brown coloured ankerite occurs as foliation-parallel bands	36062	116.00	121.00	5.00	NIL			
		(1cm) irregularly shaped patches (shaped like clouds) and	36063	121.00	126.00	5.00	NIL			
		occasional cross-cutting veinlets. Estimate ankerite abundance	36064	126.00	131.00	5.00	NIL			
		at 15-20%	36065	131.00	136.00	5.00	NIL			
		-core angle:25 to ca at 105 ft: foliation	36066	136.00	141.00	5.00	7			
			36067	141.00	144.00	3.00	139			
		M0, C0 (101.9-136), C2-4 (136-146), C0 (146-170),	36068	144.00	146.00	2.00	110			
		C4-6 (170-193.7), A2 (101.9-126), A4-6 (126-141), a2 (141-146),	36069	146.00	151.00	5.00	3	3		
		A2-4-(6) (146-180), A2 (180-193.7)	36070	151.00	156.00	5.00	7			
		-no significant mineralization	36071	156.00	161.00	5.00	3			
			36072	161.00	166.00	5.00	10			
		112.6 ft 0.1 ft wide quartz-ankerite-tourmaline-chalcopyrite vein	36073	166.00	168.60	2.60	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		is oriented at 50 to CA, cross-cutting the foliation	36074	168.60	169.60	1.00	4389		0.120	
			36075	169.60	172.60	3.00	113			
		123-154 ft A number of quartz-ankerite and quartz-tourmaline-	36076	172.60	175.10	2.50	48			
		(ankerite)-(calcite) veins are present in this interval.	36077	175.10	176.70	1.60	706			
		These veins are typically on the order of 1-2cm in width,	36078	176.70	181.00	4.30	NIL			
		but the largest can reach 0.2 ft in width (145.2). The	36079	181.00	186.00	5.00	NIL			
		quartz-tourmaline veins commonly are banded/ribboned.	36080	186.00	187.00	1.00	41			
		Overall vein abundance estimated at 3-5%. Theveins very in	36081	187.00	191.00	4.00	5			
		their orientations, but are typically at high angles to	36082	191.00	193.70	2.70	14			
		CA								
		-core angle 30 to CA at 172 ft: foliation								
		-core angle: 50 to CA at 119? Ft: qtz-ank vein								
		-core angle: 50 to CA at 133 ft: qtz-ank-tour vein								
		-core angle: 50 to Ca at 145 ft: qtz-tour								
		-no significant pyrite observed								
		169.2 ft quartz-ankerite-pyrite-sericite-tourmaline vein is								
		oriented at 50 to CA. The central qtz-ank vein is 1cm in								
		width, containing a ser-ank wall rock envelope to 0.1 ft								
		from the vein.								
		Coarse grained euhedral pyrite is hosted within the qtz-ank								
		vein. Trace amounts of pyrite in the wall rock alteration								
		envelops								
		175.2-176.2 ft 2cm wide qtz-ank vein oriented at 60 to CA								
		contains a strong wall rock sericite-dominated alteration								
		envelope. 3% diss very fine grained anhedral pyrite in the								
		alteration envelope								
		186.0-186.7 ft quartz-calcite vein/breccia contains 3-5% fine-								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		medium grained diss euhedral pyrite in the wall rock. No obvious alteration envelope								
193.7	292.4	Massive mafic volcanic	36083	193.70	196.00	2.30	3			
		Colour dark green, moderately soft, non-magnetic, variably calcitic.	36084	196.00	201.00	5.00	17			
		Massive to weakly foliated aphanitic texture. 5-7% calcite-quartz veinlets/patches and stringers. Weakly developed flow breccia textures in the 270-276 ft section								
		-core angle: 30 to Ca at 255 ft: flow contact								
		M0 (103.7-199), M2 (119-233), M4 (233-276), M0-(2) (276-292.4), C6 (193.7-216), C0 (216-268), C6 (268-281), C0 (281-292.4), A2 (193.7-201), A0 (201-292.4)								
		-no significant mineralization								
292.4	359.8	Massive mafic intrusive	36085	311.00	316.00	5.00	19			
		Colour dark green, moderately hard, variably magnetic, generally non-calcitic. Massive to weakly foliated very fine grained texture. 1-3% calcite-rich veinlets & stringers. 10-15% patches & stringers of epidote oriented at all angles to CA	36086	316.00	320.20	4.20	7			
			36087	320.20	322.10	1.90	163	206		
			36088	322.10	326.00	3.90	69			
			36089	326.00	331.00	5.00	17			
			36090	331.00	336.00	5.00	5			
		M2-4 (292.4-305), M6 (305-319), M0 (319-351), M2 (351-359.8), A0, C0								
		-no significant pyrite alteration in the 320.2-322.0 ft section								
		320.2-322.0 ft Section containing 15% fine grained disseminated anhedral pyrite in a cc matrix. However the 320.2-321.5 ft interval consists of a portion of the vein which is parallel to CA. The "main" part of the pyritic-calcite band is 0.4								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

ft in thickness and is oriented along the foliation
-core angle: 25 to CA at 319 ft: foliation
-core angle: 30 to CA at 322.0 ft: cc-py band

359.8 ft EOH -Drillers rpt 360.9 ft

Logged on site
R. Pressacco April 7/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
30.00	-88.90+	325.00+
61.00	-88.90	
208.50	-86.20+	351.00+
356.30	-86.20	16.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x
Collar Eastings: 6288.13
Collar Northings: 2081.25
Collar Elevation: 7980.00
Grid: 2002 Imperial
Boyles 25 Dates: May 10-12/03 ext'n of M03-59

Collar Inclination: -90.00
Grid Bearing: 325.00
Final Depth: 685.00 feet
POWELL TP.; CLAIM: MR 5401 XL18+00NE,25+00NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: R.V. Zalnieriunas
Date: May 14, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	359.8	no core - previously drilled hole deepened hole M03-59 to test for possible flat structure grid south and across the diabase dyke from Zone 2-2x								
359.8	360.6	No core recovery (2)								
360.6	385.9	Quartz-epidote stringed mafic volcanic (4mvo/4md epid) Medium dark green, massive mafic volc flow or sill, mod frac'd & sealed with qtz +/- epid &/cc threads & stringers throughout; locally wkly defined fol/fracs 45dca & bndg 45dca A4, C0 with C1 thds throughout, M1-3 becoming M3-4 downhole -mod Chl 4 throughout, mg diss magnetite throughout, irreg 2m-2cm qtz & qtz-epid threads & stringers & local patches throughout, wk spot WAC/WAA throughout ('white alt'n spots-cc / ank') 360.6-365.0 m-fg grading to fg downhole 365.0-384.6 fg 384.6-385.9 very fg chill margin, M0 (non-magnetic) BC @ 50dca shp	43061	370.00	375.00	5.00	NIL			
385.9	392.1	Mafic volcanic (4mvo) Medium green, fg, th lam, m-th bedded wkly fol & bndd flows, mod crackled & sealed with 5-10% white qtz-cc stringers & threads								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		generally parallel to foliation & occ flats @ 100 & 110dca, fol'n S1 = 46dca								
		BC shp & stepped @ 31dca								
		A4, C1 threads , M0 -minor carb bands parallel to foliation , mod-strong pervasive Fe carb throughout								
		tr rare diss py grains								
392.1	454.3	Mafic volcanics (4mvo-wk fol)	43062	400.00	405.00	5.00	NIL			
		Medium pale green-grey, fg, wkly fol'd, bndd & frac'd mafic volc,	43063	405.00	410.00	5.00	NIL			
		fol'n bnd & frac's sealed with fine white qcc threads @ 41-30dca	43064	410.00	413.70	3.70	NIL			
		throughout	43065	413.70	414.70	1.00	NIL	5		
			43066	414.70	420.00	5.30	NIL			
		392.1-426.3 A1, C1 threads , M0 426.3-445.0 A4-2, C0/threads , M0 445.0-454.3 A1, C0-3, M0								
		400.0-420.0 mod-strong qcc str veins throughout with tr -1/2% py diss & occ wisps ass'd with q cc str & tour +/-sil'n bnd/threads 413.8-414.6: med & dark grey, tl crenulated cc-tour sil'n bnd @ 37dca; margin shp 415.8 cc-qtz-tour thds								
		426.3 = 0.03ft sandy seam as fracture/fault @ 88dca								
		BC gradational/5ft @ 35dca								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
454.3	537.5	Carbonitized mafic volcanic (4mvo) medium-pale green-grey, f & mg, massive to fainting bndd/foliated mafic flow; mod-wk white qc stringers & threads throughout (irreg) & rare patches @ 135, 105, 165 & occ 35dca, very wk fol'n @ 42dca -no significant texture/contacts A2-4, C1 threads , M0 -no significant mineralization, rare py diss specks f/mg BC vague @ 30dca, grades into	43067	465.00	470.00	5.00	NIL			
			43068	520.00	525.00	5.00	NIL			
537.5	541.2	Chloritic mafic volcanics (4mvo) Medium dark green, very fg, wkly fol/bndd @ 32dca A4, C1 (thds), M0 tr py as fg diss wisp/clots BC @ 30dca								
541.2	567.5	Mafic volcanic flow/sill (4mvo/4md) Medium green, m-cg center with chilled top contact & fol'd/wkly sheared /flowbndd base at BC A2, C1 to locally 2 with threads , M1 as follows: 541.2-543.3 M6 ass'd with chilled contact 543.3-552.0 gen M0 with few M1 spots 552.0-557.0 M2	43069	560.00	565.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		557.0-567.5 M0 +/-1								
		-no significant mineralization								
		560-567.5 bndg grading to wk thl fol'n/flow bndd @ 35dca; grades into (parallel to foliation):								
567.5	591.7	Weakly sheared mafic volcanic (4mvo)	43070	586.70	591.70	5.00	2			
		Medium green, fg, thl, mod-wkly fol, alt'n of i/c paler green strong carb lams/bands & darker green more chl'c volc?/shear planes @ 37dca								
		A3-5, C3-5, M0								
		-no significant mineralization								
		BC on minor gnd & polished 90dca jt								
591.7	616.6	Stringered mafic-ultramafic volcanic (4mvo-umv)	43071	591.70	596.70	5.00	NIL			
		Medium grey-green, fg, th lam, mod fol & shd throughout @ 32dca	43072	596.70	601.50	4.80	NIL			
			43073	601.50	602.50	1.00	19	27		
		Atr-1, C2-6, M0	43074	602.50	605.40	2.90	NIL			
		-wkly talcose throughout, mod green chl'c bnds throughout, alt'n bnds & thin stringers of qc developed gen parallel to schistosity throughout	43075	607.00	610.40	3.40	NIL			
			43076	610.70	616.60	5.90	NIL			
		tr & locally 1/2% f & mg diss py str bands dev'd parallel to schistosity & as occ wisps & diss grains								
		601.7-602.2 very pale grey carb BZ (bleach zone) band parallel to								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		schistosity @ 32-40dca with center of zone showing diss band								
		of f & mg py, overall <5% py								
		602.2-613.0 mod blocky throughout								
		605.4-607.0 GND & LOST CORE								
		610.4-610.7 GND & LOST CORE								
		611.6 -minor pale green fault gouge slip @ 32dca								
		616.6 BC xcutting as jagged intrusive contact @ 133dca, xcuts								
		fol'n of 35dca								
616.6	685.9	Carbonitized & foliated mafic volcanic (4mvo)	43077	616.60	621.60	5.00	NIL			
		Medium green, fg, th lam, mod shd & foliated with locally 2	43078	650.00	655.00	5.00	NIL			
		astamosing Shear cleavage Planes @ 27 & 15dca,overall S1 = 30dca,	43080	670.70	672.10	1.40	NIL			
		minor wh C & qc thd flats @ 110 & occ 95dca or parallel to	43079	675.00	680.00	5.00	7			
		schistosity (pts)								
		A1-locally 0/3, C4-6, M0								
		-no significant mineralization								
		685.0 ft EOH -Drillers rpt 209m (685.7 ft)								
		Logged by R.V. Zalnieriunas								
		May 14/03								
		on site								
		Hole Survey Note:								
		values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-59x

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
30.00	-88.90+	325.00+
61.00	-88.90	
208.50	-86.20+	351.00+
356.30	-86.20	16.40
449.65	-86.40+	24.50+
543.20	-86.40	24.50
607.20	-84.20+	21.20+
671.20	-84.20	21.20

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60
Collar Eastings: 1600.00
Collar Northings: 2916.00
Collar Elevation: 7884.00
Grid: 2002 Imperial
Rig:H&S35 & Boyles 25 Dates: Apr.10-11/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 416.00 feet
POWELL TP; CLAIM:MR5376 Line:16+00E Stat:29+16NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 14, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	20.0	Casing all casing left in place								
20.0	29.0	Porphyritic syenite Colour brick red, very hard, non-magnetic, moderately to strongly calcitic. Massive medium grained porphyritic texture containing 15-20% feldspar phenocrysts in a deeply hematized matrix. 3-5% hairline calcitic stockworking M0, A0, C6, Hem 6 Trace -1% diss very fine grained pyrite	36682	20.00	24.40	4.40	211			
			36683	24.40	29.00	4.60	147			
29.0	115.0	Intrusion breccia/contact zone (?) Colour variable from red-brown through dark green to black, variable hardness from very hard (hematized breccia fragments) to very soft (chloritic matrix), non-magnetic, variably calcitic. Well developed breccia/fragmental texture containing abundant hematitic fragments and bands that are separated by dark green to black foliated chloritic bands and sections. The size of the hematized fragments varies from 01 ft to sections of core measuring 2 ft in length. For the most part the fragment composition appears to be a hematized Temiskaming quartzitic sediment as sub-millimeter quartz grains are readily visible in most fragments. Most of the fragments have sharp contacts with	36684	29.00	32.00	3.00	188			
			36685	32.00	37.00	5.00	1873		0.042	
			36686	37.00	39.00	2.00	339			
			36687	39.00	42.00	3.00	387			
			36688	42.00	46.00	4.00	1920		0.048	
			36689	46.00	51.00	5.00	620			
			36690	51.00	56.00	5.00	1817		0.058	
			36691	56.00	61.00	5.00	617			
			36692	61.00	66.00	5.00	819	855		
			36693	66.00	71.00	5.00	255			
			36694	71.00	76.00	5.00	243			
			36695	76.00	81.00	5.00	207			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		the chloritic matrix, but many fragments with fuzzy edges can be found. The matrix consists of a medium to dark green chlorite	36696	81.00	85.50	4.50	285			
			36697	85.50	87.50	2.00	53			
			36698	87.50	91.00	3.50	134			
		M0, A0 (29-58), A2-6 (58-71), A0 (71-90), A2 (90-115),	36699	91.00	96.00	5.00	146			
		C6 (29-41), C2-4 (41-53), C0 (53-71), C2 (71-81), C6 (81-91),	36700	96.00	101.00	5.00	99			
		C0 (91-115), Hem 2-4 (29-71), Hem 6 (71-76), Hem 2-4 (76-115)	36701	101.00	106.00	5.00	84			
		-10-15% ankerite stockworking is present within the hematized	36702	106.00	111.00	5.00	105			
		fragments. Ankerite content drops to 3-5% in the chloritic	36703	111.00	115.00	4.00	410	449		
		matrix and occurs as foliation-parallel knots & streaks								
		1% disseminated fine grained subhedral-euhedral pyrite present in both the fragments and chloritic matrix. Trace diss & fracture controlled fine grained chalcopyrite noted at 37.5-38.7 ft								
		71-76 ft Strong pervasive hematite alteration containing 3-5% quartz-ankerite-tourmaline-pyrite-(chalcopyrite) veins to 0.1 ft in thickness. The veins are oriented at all angles to CA 1% diss fine grained euhedral pyrite throughout the section								
		86.8 ft 0.4 ft wide white quartz vein is oriented at a low angle to CA -core angle: 105 to CA at 62 ft: foliation -core angle: 140 to Ca at 90 ft: foliation								
115.0	126.1	Ankeritized Lamprophyre	36704	115.00	119.00	4.00	113			
		Colour dark grey, moderatelyhard, moderately magnetic,	36705	119.00	123.00	4.00	48			
		non-calcitic.	36706	123.00	126.10	3.10	259			
		Well developed foliated, porphyritic, and fragmental texture.								
		The foliation is defined by alignment of ankerite veinlets/bands								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		and patches, and elongation of mafic phenocrysts. A few inclusions of mafic and ultramafic volcanic fragments are noted. Sharp upper & lower contacts. 5-7% ankerite veinlets to 1cm are oriented at all angles to CA -core angle: 140 to Ca at 115 ft: contact -core angle: 120 to ca at 126.1 ft: contact M2, C0, A6 -no significant pyrite noted								
126.1	147.1	Sericitic quartzitic Temiskaming seds Colour variable from dark grey to light brown, very hard, non-magnetic, non-calcitic. Massive very fine grained granular texture containing abundant quartz grains and occasional fine polymictic pebble to 1cm in size. 5-7% ankerite stockworking present throughout. Trace quartz-ankerite veining. Sharp lower contact -core angle: 115 to Ca at 147.1 ft: contact M0, C0, A2-4, ser 4 -pervasive & stockwork ankerite throughout. Pervasive sericite alteration of the matrix. 1% diss & stringer very fine grained pyrite. Trace chalcopyrite noted in a quartz-ankerite veinlet at 140.8 ft (0 to Ca, 5mm wide)	36707 36708 36709 36710	126.10 131.00 136.00 141.00	131.00 136.00 141.00 147.00	4.90 5.00 5.00 6.00	154 146 161 142	187		
147.1	161.8	Ankeritized mafic dyke Colour light grey-green, moderately soft, non-magnetic, non-calcitic.	36711 36712 36713	147.00 151.00 156.00	151.00 156.00 160.00	4.00 5.00 4.00	106 137 74			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Moderately well developed foliated texture is defined by alignment of ankerite patches (1-3mm) and fine mafic grains. 5-7% ankerite stockworking	36714	160.00	161.80	1.80	29			
		M0, C0, A6								
		1% diss very fine grained diss pyrite								
		161.0-161.8 ft quartz-ankerite-pyrite veining -core angle: 125 to CA at 156 ft: foliation								
161.8	171.8	Quartzitic & conglomeratic Temiskaming seds	36715	161.80	166.00	4.20	82			
		Colour light green-grey, very hard, non-magnetic, non-calcitic. Weakly developed foliated texture. Initial 5 ft of sections is quartz grain rich, becoming conglomeratic in the lower 5 ft. 5-7% ankerite-rich veining contains occasional medial quartz -core angle: 125 to CA at 171.8 ft: contact	36716	166.00	171.80	5.80	141			
		M0, C0, A6 (161.8-166), A2 (166-171.8)								
		1% diss very fine grained diss pyrite								
171.8	184.7	Porphyritic syenite	36717	171.80	176.00	4.20	60	48		
		Colour brick-red, very hard, non-magnetic, non-calcitic. Coarsely porphyritic texture containing 15-20% feldspar laths that are generally aligned at 125 to CA. 3-5% quartz-ankerite veining to 2cm in width are generally oriented at 25 to CA	36718	176.00	181.00	5.00	29			
			36719	181.00	184.70	3.70	NIL			
		C0, A4, M0, Hem 6 -strong pervasive hematite alteration								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite observed.								
		Trace chalcopyrite observed in an ankerite-rich veinlet at 182 ft								
184.7	194.0	Quartzitic Temiskaming sediments	36720	184.70	190.00	5.30	62			
		Colour medium grey-green, very hard, non-magnetic, non-calcitic.	36721	190.00	194.00	4.00	89			
		Weakly foliated granular texture, abundant fine quartz grains.								
		5-7% ankerite stockworking								
		M0, C0, A4-6								
		1% diss very fine grained pyrite throughout								
194.0	220.2	Sheared sediments (?)	36722	194.00	197.00	3.00	45			
		Colour variable from light grey to medium red-brown, moderately	36723	197.00	201.00	4.00	NIL			
		soft, non-magnetic, weakly to non-calcitic. Strongly developed	36724	201.00	206.00	5.00	338	276		
		foliated aphanitic texture is defined by alignment at chloritic	36725	206.00	211.00	5.00	69			
		lamellae and stretched out mafic fragments. Uncertain whether	36726	211.00	216.00	5.00	NIL			
		this unit is a sheared sediment or a foliated dyke. Moderate to	36727	216.00	220.20	4.20	39			
		strong pervasive hematite alteration present in the 211-220.2 ft								
		section. 5-7% ankerite stockworking is present in the 194-201 ft								
		interval								
		-core angle: 120 to CA at 206 ft: foliation								
		-core angle: 140 to Ca at 220.2 ft: contact								
		M0, C0 (194.0-211), C6 (211-216), C2 (216-220), A6 (194-206), A4								
		(206-211), A2-0 (211-220.0), Hem 4 (211-220.0)								
		1-3% fine diss & stringer euhedral-subhedral pyrite is typically								
		aligned along the foliation								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
220.2	241.3	Chloritic sheared sediments	36728	220.20	226.00	5.80	57			
		Colour dark green, soft, non-magnetic, variably calcitic.	36729	226.00	231.00	5.00	93			
		Strongly developed sheared/foliated texture with bands/patches of	36730	231.00	236.00	5.00	26			
		calcite and chloritic lamellae Defining the foliation/shearing.	36731	236.00	241.30	5.30	75	87		
		iN places the core has a soapy fell (possible ultramafic??).								
		Abundant calcite (15-20%) as bands & patches. In places relic &								
		fragments of hematized sediments with easily visible quartz								
		grains are present. Gradational contacts								
		-core angle: 115 to CA at 231 ft: foliation								
		Chl 6, M0, A2, C2-4								
		5-7% pyrite occurs as diss & patchy fine grained subhedral grains								
241.3	349.5	Quartzitic Temiskaming sediments	36732	241.30	246.00	4.70	69			
		Colour variable from light grey to light red-brown, very hard,	36733	246.00	251.00	5.00	74			
		non- magnetic, generally non-calcitic. Massive to weakly	36734	251.00	256.00	5.00	130			
		foliated granular texture with abundant fine quartz grains and	36735	256.00	261.00	5.00	120			
		common fine polymictic conglomerate pebbles.	36736	261.00	266.00	5.00	137			
		1% calcitic stockworking	36737	266.00	271.00	5.00	84			
		-core angle: 140 to CA at 315 ft: foliation	36738	271.00	276.00	5.00	211			
			36739	276.00	281.00	5.00	108	98		
		M0, C2 (241.3-256), C0 (256-349.6), A0 (241.3-261),	36740	281.00	286.00	5.00	168			
		A2 (261-349.5), Hem 0 (241.3-261), Hem 4 (261-312),	36741	286.00	291.00	5.00	87			
		Hem 0 (312-349.5)	36742	291.00	296.00	5.00	103			
			36743	296.00	301.00	5.00	58			
		1-3% fine disseminated subhedral pyrite. Occasional stringer and	36744	301.00	306.00	5.00	62	69		
		patchy pyrite	36745	306.00	311.00	5.00	262			
			36746	311.00	316.00	5.00	118			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			36747	316.00	321.00	5.00	137			
			36748	321.00	326.00	5.00	247			
			36749	326.00	331.00	5.00	91			
			36750	331.00	336.00	5.00	123			
			36751	336.00	341.00	5.00	3			
			36752	341.00	346.00	5.00	72			
			36753	346.00	349.50	3.50	101			
349.5	416.0	Interbedded chloritic mudstone/conglomerate	36754	349.50	355.00	5.50	86			
		Colour variable from dark green to red-brown, moderately hard to	36755	355.00	361.00	6.00	70			
		hard, non-magnetic, non-calcitic. Massive, bedded texture.	36756	361.00	366.00	5.00	3			
		Section is dominated by massive very fine grained chloritic	36757	366.00	371.00	5.00	101			
		mudstones that contain short sections of interbedded fine pebbly	36758	371.00	376.00	5.00	98			
		conglomerates and occasional thicker beds of quartz arenites.	36759	376.00	381.00	5.00	103			
		These conglomerate and quartzitic beds are commonly hematitized	36760	381.00	386.00	5.00	154	153		
		by a moderate pervasive hematite alteration. 1-3% qtz-calcite	36761	386.00	391.00	5.00	29			
		veinlets to 1cm are present at all angles to CA	36762	391.00	396.00	5.00	46			
		-core angle: 120 to CA at 388 ft: bedding	36763	396.00	401.00	5.00	57			
			36764	401.00	406.00	5.00	113	137		
		M0, A0, C0 (349.5-401), c4-6 (401-411), C0 (411-416),	36765	406.00	411.00	5.00	110			
		Hem 4 (Coarse sediments), Chl 2 (fine sediments)	36766	411.00	416.00	5.00	45			
		3-5% very fine to fine grained subhedral pyrite is usually present as disseminations throughout the interval but occasional pyrite stringers are noted								
		416.0 ft EOH -Drillers rpt 413.4 ft								
		Logged on site R. Pressacco April 14/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-60

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.25	-44.80+	357.10+
90.50	-44.80	357.10
188.90	-40.90+	356.00+
287.30	-40.90	356.00
343.10	-39.00+	356.70+
398.90	-39.00	356.70

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-61
Collar Eastings: 5400.00
Collar Northings: 1900.00
Collar Elevation: 7955.00
Grid: 2002 Imperial
Rig:Boyles 25 Dates: Apr.12-13/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 251.70 feet
POWELL TP; CLAIM:MR5406 Line:54+00E Stat:19+00NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 16, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	61.0	Casing Drillers report overburden depth as 59.1 ft (18m). All casing recovered on termination of hole								
61.0	84.7	Massive mafic volcanic Colour medium green-yellow, hard, weakly magnetic, non-calcitic. Massive aphanitic to fine grained texture. Section contains a few short intervals (to 1 ft) of foliated material -possible tuffaceous intervals. Rare to trace calcite-rich veinlets. The interval from 61-89 ft is broken and blocky, estimate overall RQD at 50% for the interval. For the rest part the fragments seem to break along joint/fracture planes and along weathering surfaces. No gouge seams observed -core angle: 120 at CA at 69 ft: foliation M2, C0, A4 -pervasive moderate-weak ankerite alteration -no significant pyrite observed								
84.7	94.0	Mafic tuff Colour variable from light to medium green-yellow, moderately soft, non-magnetic, non to weakly calcitic. Well developed foliated/bedded texture is defined by alternating light and dark green coloured tuffs which range in thickness to 1-2cm. Trace calcite-rich veinlets/patches to 5mm								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-61

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 120 to CA at 92 ft: bedding								
		M0, C0, A4 -pervasive moderate ankerite alteration								
		Trace diss patchy fine grained pyrite								
94.0	192.9	Massive mafic volcanic	36767	101.00	106.00	5.00	5			
		Colour dark green, moderately soft, non-magnetic, non-calcitic.	36768	106.00	108.00	2.00	3			
		Generally massive aphanitic texture containing a number of	36769	108.00	109.50	1.50	NIL			
		sections with a spotted, mafic-porphyritic texture.	36770	109.50	113.00	3.50	NIL			
		5-7% calcite-rich veinlets to 1-2cm in width are generally	36771	131.00	136.00	5.00	NIL			
		oriented at 135 to CA. Specular hematite is commonly observed in	36772	136.00	140.50	4.50	NIL			
		these calcite veinlets in the 108-166 ft section	36773	140.50	142.50	2.00	NIL			
			36774	142.50	146.00	3.50	NIL			
		M0, C0 (94-138), C4-6 (138-148), C0 (148-192.9), A4 (94.0-106),	36775	146.00	151.00	5.00	NIL			
		A2 (106-181), A4 (181-192.9)	36776	151.00	156.00	5.00	NIL			
			36777	156.00	161.00	5.00	NIL			
		-no significant pyrite mineralization noted. Trace diss	36778	161.00	176.00	15.00	NIL	NIL		
		chalcopyrite noted in a banded vein at 108.2 ft.	36779	176.00	179.00	3.00	7			
		-1-3% diss/patchy pyrite noted in a tuffaceous interval at	36780	179.00	181.00	2.00	3			
		149.0-150.5 ft	36781	181.00	186.00	5.00	NIL			
			36782	186.00	191.00	5.00	NIL			
		108.2 ft A 2cm wide banded quartz-calcite-specular hematite vein	36783	191.00	192.90	1.90	NIL			
		contains trace -1% diss medium grained chalcopyrite. The								
		vein is oriented at 170 to CA								
		141.2 ft A 0.3 ft wide white quartz vein contains 3-5% diss black								
		tourmaline. The vein is oriented at 50 to CA								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-61

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		179.3 ft 0.1 ft wide qtz-cc-tourmaline-py vein is oriented at 130 to CA; Weak wall rock alteration envelope; 1-3% diss fg pyrite in wall rock								
		180.5 ft 1 0.2 ft wide white qtz-cc vein is oriented at 140 to CA 1-3% diss fine grained pyrite in wall rock to vein								
192.9	251.7	Amygdaloidal mafic volcanic	36784	192.90	196.00	3.10	NIL			
		Colour light green-yellow, hard, non-magnetic, non-calcitic.	36785	211.00	216.00	5.00	NIL			
		Massive aphanitic texture. Calcite-filled amygduals are commonly	36786	216.00	221.00	5.00	5			
		observed and occur in short sections 0.5-1.0 ft in length. 3-5%	36787	221.00	226.00	5.00	3			
		calcite-rich stringers/stockworks at all angles to CA. Specular hematite is observed in the calcite stringers in the 205-226 ft section								
		M0, C0, A4 (197.9-273), A2 (223-252.7)								
		1-3% pyrite overall, occurring as diss fine-medium grained crystals, occasional patches of crystal aggregates and as short stringers								
		251.7 ft EOH -Drillers rpt 252.6 ft								
		Logged on site R. Pressacco April 16/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-61

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
41.95	-44.20+	357.50+
83.90	-44.20	357.50
161.00	-43.20+	357.40+
238.10	-43.10	357.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-62
Collar Eastings: 5400.00
Collar Northings: 1200.00
Collar Elevation: 7962.00
Grid: 2002 Imperial
Rig:Boyles 25 Dates: Apr.14-24/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 681.70 feet
POWELL TP; CLAIM:MR5406 Line:54+00E Stat:12+00NBQ Core by Heath & Sherwood (19
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 26, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	9.6	Casing all casing left in place								
9.6	147.2	Massive to foliated syenite Colour variable from light grey to light pink-grey, hard, variably magnetic, generally non-calcitic. Massive to weakly foliated fine to medium grained texture. The foliation is typically defined by alignment of chloritic patches & bands. Chloritic material is common, occurring in 15-20% abundance as small patches for 1-3mm and as short streaks. Possible occasional very fine grained quartz is observed on occasion. Much of the primary mineralogy has been destroyed, leaving only the original texture. Trace -1% calcitic veinlets at all angles to CA. M2 (9.6-32), M0 (36-51), M2 (51-58), M0 (56-, C0 (9.6-66), C2 (66-106), C0 (106-147.2), A0 (9.6-147.2) 9.6-51.0 ft 1% diss very fine to fine grained diss euhedral pyrite. Weakly developed stringer pyrite noted at 46.0 ft -no significant pyrite noted below 51 ft 39.5-40.8 ft Inclusion of a foliated mafic volcanic 64.0 A 0.3 ft wide siliceous interval aligned along foliation	36793	9.60	11.00	1.40	10			
			36794	11.00	16.00	5.00	2			
			36795	16.00	21.00	5.00	5			
			36796	21.00	26.00	5.00	NIL			
			36797	26.00	31.00	5.00	NIL			
			36798	31.00	36.00	5.00	15			
			36799	36.00	41.00	5.00	NIL			
			36800	41.00	46.00	5.00	5			
			36801	46.00	51.00	5.00	NIL			
			36802	51.00	56.00	5.00	NIL			
			36803	56.00	61.00	5.00	NIL			
			36804	61.00	66.00	5.00	NIL			
			36805	66.00	71.00	5.00	NIL			
			36806	71.00	76.00	5.00	NIL	NIL		
			36807	76.00	81.00	5.00	NIL			
			36808	81.00	86.00	5.00	2			
			36809	86.00	91.00	5.00	NIL			
			36810	91.00	96.00	5.00	NIL			
			36811	96.00	101.00	5.00	NIL			
			36812	101.00	106.00	5.00	NIL			
			36813	106.00	111.00	5.00	33			
			36814	111.00	116.00	5.00	3			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		contains 1% diss very fine grained pyrite	36815	116.00	121.00	5.00	22			
		-core angle: 115 to CA at 73 ft: foliation	36816	121.00	125.00	4.00	5	NIL		
			36817	125.00	126.00	1.00	14			
		125.5 ft 5mm wide calcite-tourmaline vein contains a weakly	36818	126.00	131.00	5.00	5			
		developed wall rock sericitic(?) alteration containing 1-3%	36819	131.00	136.00	5.00	5			
		very very fine grained diss pyrite. This alteration	36820	136.00	141.00	5.00	21			
		envelope measures 0.1 ft in width	36821	141.00	145.50	4.50	NIL			
		-core angle: 155 to CA at 125.5 ft: vein	36822	145.50	146.50	1.00	9			
			36823	146.50	147.20	0.70	1			
		131.9-132.6 ft 5-7% pinkish quartz patches to 0.1 ft in width								
		contain 1% diss fine grained tourmaline								
		-syenite colour becomes light grey in the 131-147.7 ft								
		section								
		144.5 ft 2mm wide tourmaline stringer is oriented at 155 to CA								
		146.0 ft 0.2 ft wide quartz-chlorite-tourmaline-pyrite vein								
		(1% diss fine grained euhedral pyrite) upper contact at 105								
		to CA, lower contact at 115								
		-core angle 105 to CA at 147.2 ft: contact								
147.2	168.3	Epidotized mafic volcanic	36824	147.20	151.00	3.80	34			
		Colour variable from dark green to light yellow-green, moderately	36825	151.00	155.50	4.50	132			
		hard, strongly magnetic, strongly calcitic. Massive aphanitic	36826	155.50	159.00	3.50	192	223		
		texture.	36827	159.00	162.80	3.80	NIL			
			36828	162.80	164.30	1.50	27			
		147.2-148.0 ft strongly chloritic/foliated/sheared interval	36829	164.30	168.30	4.00	271	254		
		containing 25-30% thin bands and patches of calcite which								
		define the foliation planes. Foliation parallels the								
		intrusive contact								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		- 1% diss very fine grained pyrite - a 0.3 ft wide section of grey syenite has irregular contacts; 3% diss very fine grained pyrite								
		148.6-154.5 ft chlorite-dominated interval containing 10% disrupted, folded and boudinaged quartz-calcite veinlets to 1cm in width. 5-10% diss & patchy fine magnetite observed -M6, C6, a0 -trace -1% diss very fine grained pyrite								
		154.5-168.3 ft strongly epidotized interval, containing 30-40% hairline epidote stringers and patches/bands to 0.1 ft in width. Magnetite is commonly observed throughout, occurring as dissemination, small patches & stringers associated with the epidote. A section of massive magnetite is observed in the 156.0-157.0 ft interval. 1-3% quartz veinlets to 1-2cm in width are present throughout at all angles to CA -M6, C6, a0, EPI 6 -5-7% patchy-diss red-brown sphalerite is observed in the 163.0-164.0 ft section. Sphalerite occurs on the walls of a 2cm wide quartz vein, but mostly as disseminations in the host rock away from the vein. Trace patchy chalcopyrite-pyrrhotite observed at 156.9 ft								
168.3	173.2	Sheared mafic volcanic Colour medium green, hard, moderately magnetic, strongly calcitic. Strongly developed foliated/sheared texture with abundant (30-50%) thin calcite bands (5-10mm) defining the foliation. Trace boudinaged quartz bands oriented along foliation	36830	168.30	173.20	4.90	17			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 110 to cA at 171 ft: foliation								
		C6, A0, M4 1% diss very fine grained pyrite throughout								
173.2	206.5	Epidote altered mafic volcanic Colour variable from dark green to light yellow-green, very hard, variably magnetic, non-calcitic. Massive, stockworked texture containing abundant epidote stringers/veinlets. Epidote abundance ranges to 90-95% where the core becomes essentially massive epidote over 5-10 ft in length. 3-5% quartz veinlets & patches are oriented at all angles to CA. Some of the veins exhibit a boudinaged texture. -the 173.2-184 ft section contains abundant magnetite (20-25%), occurring as patches and bands of semi-massive magnetite over 0.3 ft widths. - 1-3% diss & patchy red-brown hematite occurs with epidote and calcite stringers in the 196-206 ft section M6 (173.2-184), M0 (184-, C0 (173.2-196), Cs-(0) (196-206.5), A0 (173.7-206.5), EPI 4 (173.2-184), EPI 6 (184-206.5) Trace - 1% diss very fine-fine grained subhedral pyrite	36831	173.20	176.00	2.80	22			
			36832	176.00	181.00	5.00	67	72		
			36833	181.00	186.00	5.00	36			
			36834	186.00	191.00	5.00	34			
			36835	191.00	196.00	5.00	5			
			36836	196.00	206.50	10.50	10			
206.5	228.8	Mafic volcanic Colour medium green-grey, moderately hard, weakly to moderately magnetic, variably calcitic. Weakly to moderately well developed foliated texture is defined by a faint alignment of the groundmass.	36837	206.50	211.00	4.50	5			
			36838	211.00	216.00	5.00	9			
			36839	216.00	221.00	5.00	195			
			36840	221.00	226.00	5.00	79			
			36841	226.00	228.80	2.80	15			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Abundant calcitic veining & stockworking is present throughout (est 10-15% calcite stringers), giving the core a shattered appearance -core angle: 140 to CA at 226 ft: foliation -lower contact is gradational over 1-2 ft M0 (206.5-211), M2 (211-221). M4 (221-228.8), C0 (206.5-211), C6 (211-221), C2 (221-228.8) Trace diss fine grained euhedral pyrite								
228.8	243.8	Grey calcite altered mafic volcanic Colour variable from medium green-grey to grey, moderately hard, weakly magnetic, strongly calcitic. Massive to weakly foliated aphanitic texture. The interval consists of approximately 50% bands/sections of strong pervasive grey calcite flooding (C6), separated by sections of chloritic aphanitic mafic volcanics containing bands and patches/spots of calcite (C3-5). Textural evidence suggests that the grey calcite flooding overprints the spotted/banded mafic volcanics. The edges of the grey calcite zones are gradational over 0.1-1.0 ft. 15 patchy and irregularly shaped quartz veinlets to 1cm. 1% calcite veinlets. M2, C6, A0 1% diss & patchy very fine to fine grained subhedral pyrite is present with the grey calcite bands. Little pyrite is observed in the chloritic mafic volcanics.	36842	228.80	231.00	2.20	72			
			36843	231.00	236.00	5.00	185			
			36844	236.00	241.00	5.00	309	293		
			36845	241.00	243.80	2.80	26			
243.8	262.8	Carbonate altered mafic volcanic	36846	243.80	246.00	2.20	19			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium green-grey, moderately soft, non-magnetic, moderately to strongly calcitic. Well developed foliated & spotted texture. The foliation is defined by alignment of chloritic hairline veinlets to 1mm and is best developed in the 234.8-248.4 ft section. Here C-S fabrics are well developed (eg 246.0 ft) with the chloritic veinlets clearly offsetting & cross-cutting the carbonate-rich bands. 1-3% calcite veinlets at all angles to CA. Trace thin quartz veins (1cm) are present and typically have strongly developed chloritic wall rock alteration envelopes to 0.3 ft in width (eg 247 ft). Lower contact is gradational over 1cm. -core angle: 145 to CA at 246 ft: shearing -core angle: 120 to CA at 256 ft: foliation M0 (243.8-262.8), A5 (243.8-251), A2-(0) (251-267.8), C0 (243.8-251), C3 (251-261), C4 (261-267.8) -no significant pyrite observed	36847	246.00	251.00	5.00	3			
			36848	251.00	256.00	5.00	3			
			36849	256.00	261.00	5.00	NIL			
			36850	261.00	262.80	1.80	17			
262.8	272.3	Grey feldspar porphyry Colour medium grey, very hard, non-magnetic, weakly to non-calcitic. Generally a massive fine to medium grained weakly porphyritic texture, with weakly developed white feldspar phenocrysts set in a massive aphanitic grey matrix and outlined by hairline chloritic veinlets. 1-35 patchy quartz/siliceous zones are present throughout. Gradational upper & lower contacts M0, C0-2, A0	36851	262.80	266.00	3.20	34	36		
			36852	266.00	271.00	5.00	31			
			36853	271.00	272.30	1.30	21			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		3% very fine grained diss and minor stringer pyrite occurs as euhedral grains and patches of subhedral crystals. Pyrite appears to be slightly more abundant in the quartz patches/siliceous areas.								
272.3	279.2	Carbonate altered mafic volcanic	36854	272.30	276.00	3.70	5			
		Colour medium green-white, moderately soft, non-magnetic,	36855	276.00	279.20	3.20	3			
		moderately calcitic. Strongly foliated, spotty texture formed by alignment of chloritic hairline veinlets (bands (1-2mm) and bands of carbonate grains (1mm)								
		-core angle: 120 to CA at 278 ft: foliation								
		M0, C5, A0								
		-no significant pyrite observed								
279.2	293.7	Grey quartz feldspar porphyry	36856	279.20	283.70	4.50	17			
		Colour light grey to white to dark grey, very hard, non-magnetic,	36857	283.70	286.00	2.30	41			
		non-calcitic. Weakly foliated fine grained porphyritic texture	36858	286.00	291.00	5.00	26			
		with rounded quartz and cloudy white feldspar grains set in an	36859	291.00	293.70	2.70	67			
		aphanitic glassy light grey matrix. 1% calcitic veinlets, trace quartz veinlets & patches. Gradational upper & lower contacts								
		M0, C0, a0								
		3% diss very fine to fine grained subhedral pyrite throughout								
293.7	303.8	Carbonatized ultramafic volcanic	36860	293.70	296.00	2.30	33			
		Colour dark green-grey, soft, non-magnetic, weakly calcitic. Well	36861	296.00	300.50	4.50	29			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		developed foliated, aphanitic texture is defined by thin bands (5-10mm) of white carbonate (calcite & dolomite?). In places these carbonate bands are foliated & crenulated 3-5% quartz-(ankerite) veins & patches to 1-2cm in size are generally oriented along the foliation. The core has a slippery, soapy feel. 0.2 ft section of broken core/fault gouge is noted at 298.5 ft -core angle: 115 to Ca at 300 ft: foliation M0, A1 (293.7-296), A0 (296-303.8), C1 (293.7-296), C2 (296-303.8) Trace -1% diss & patchy fine grained euhedral pyrite 300.5-302.3 ft grey feldspar porphry dyke. Massive to weakly foliated very fine grained texture containing 10-15% white feldspar & glassy quartz phenocrysts. Contacts are gradational over 1-2cm but appear to be aligned along foliation M0, C0, A0 3-5% disseminated fine grained euhedral pyrite	36862	300.50	302.30	1.80	31			
			36863	302.30	303.80	1.50	39			
303.8	309.5	Grey quartz feldspar porphyry dyke Colour medium grey, very hard, non-magnetic, non-calcitic. Massive fine grained porphyritic texture containing weakly developed white feldspar phenocrysts and rounded fine quartz grains. No calcite-rich veinlets observed. Upper contact is gradational over 1-2cm, lower contact is observed in a 0.1 ft	36864	303.80	306.00	2.20	60	62		
			36865	306.00	309.50	3.50	55			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		wide section of broken core & gouge								
		C0, A0, M0								
		1-3% very fine grained disseminated euhedral pyrite								
309.5	318.4	Carbonatized ultramafic volcanic	36866	309.50	315.00	5.50	65			
		Colour dark green-grey, soft, non-magnetic, non-calcitic. Well	36867	315.00	318.40	3.40	247	175		
		developed foliated texture is defined by alignment of bands &								
		patches of white carbonate (dolomite?) To 1-2cm in width.								
		1-3% quartz-rich veinlets & patches to 1-2cm are generally								
		oriented along foliation								
		-core angel: 145 to CA at 316 ft: foliation								
		C0, A0, M0								
		-no significant pyrite observed								
318.4	324.3	Grey quartz feldspar porphyry dyke	36868	318.40	321.00	2.60	175			
		Similar to that described at 303.8-309.5 ft.	36869	321.00	324.30	3.30	81			
		3-5% patchy quartz-feldspar(?).								
		Gradational upper & lower contacts are 1-2cm								
		M0, C0, A0								
		1-3% diss very fine grained euhedral pyrite								
324.3	359.8	Carbonatized ultramafic volcanic	36870	324.30	326.00	1.70	201			
		Colour variable from dark green to white, soft, non-magnetic,	36871	326.00	331.00	5.00	319			
		non-calcitic. Strongly developed foliated texture is defined by	36872	331.00	336.00	5.00	81			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		the presence of abundant (40-50%) white carbonate bands	36873	336.00	341.00	5.00	194			
		(dolomite) (1-10mm in width) and patches. In places these bands	36874	341.00	346.00	5.00	94			
		display a folded/contorted shape, in others, (eg 351 ft), a well	36875	346.00	351.00	5.00	125			
		developed C-S fabric is observed	36876	351.00	356.00	5.00	134			
		-core angle: 120 at 359.8 ft: contact	36877	356.00	359.80	3.80	3			
		-core angle: 145 to Ca at 338 ft: foliation								
		M0, C4-6 (324.3-339), C0 (339-3559.8), A0 (324.3-339), A4-6 (339-359.8)								
		-no significant pyrite observed								
359.8	395.7	Fine porphyritic syenite	36878	359.80	362.00	2.20	17			
		Colour medium pink, hard, non-magnetic, non-calcitic. Massive	36879	362.00	366.00	4.00	NIL			
		fine grained porphyritic texture. 1-3% quartz-calcite veinlets	36880	366.00	371.00	5.00	NIL			
		can reach 0.1 ft in width and are generally oriented at approx.	36881	371.00	376.00	5.00	12			
		45 to CA. A 1mm wide veinlet containing specular hematite is	36882	376.00	381.00	5.00	10			
		noted at 390 ft (low angle to CA)	36883	381.00	386.00	5.00	3			
		-core angle: 120 to cA at 395.7 ft: contact	36884	386.00	391.00	5.00	10			
			36885	391.00	395.70	4.70	1149		0.034	
		M0, C0, A0								
		Trace diss fine to medium grained subhedral pyrite								
395.7	450.7	Ankeritized mafic volcanic	36886	395.70	401.00	5.30	26			
		Colour variable from light green-grey to cream, moderately hard,	36887	401.00	406.00	5.00	NIL			
		non-magnetic, variably calcitic. Strongly developed foliated	36888	406.00	408.00	2.00	53			
		texture is defined by alignment of abundant bands & patches of	36889	408.00	411.00	3.00	5			
		white carbonate.	36890	411.00	416.00	5.00	10			
		1-3% thin quartz veins and small patches are aligned along the	36891	416.00	421.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		foliation.	36892	421.00	426.00	5.00	3			
		-core angle: 140 to CA at 411 ft: foliation	36893	426.00	431.00	5.00	2	NIL		
			36894	431.00	436.00	5.00	2			
		406.5-407.3 ft Zone of grey calcite flooding	36895	436.00	441.00	5.00	NIL			
		-core angle: 115 to CA at 450.7 ft: contact	36896	441.00	446.00	5.00	2			
			36897	446.00	450.70	4.70	3			
450.7	463.2	Fine porphyritic syenite	36898	450.70	456.00	5.30	NIL			
		Colour light pink, hard, weakly magnetic, non-calcitic. Massive	36899	456.00	460.00	4.00	2			
		granular porphyritic fine grained texture with abundant white to	36900	460.00	463.20	3.20	5			
		mauve/purple feldspar phenocrysts set in an aphanitic matrix.								
		Trace calcite-rich veinlets are generally oriented at low angles								
		to CA.								
		Irregular/wavy lower contact.								
		M2, C0, A0								
		Trace diss very fine grained anhedral pyrite								
463.2	471.9	Carbonatized mafic volcanic	36901	463.20	467.00	3.80	3			
		Colour variable from medium green to white, moderately soft, non-	36902	467.00	471.90	4.90	2			
		magnetic, moderately calcitic. Very chaotic texture with								
		abundant patches and bands of carbonate and occasional quartz-								
		ankerite veins/patches showing ptygmatic folding patterns and								
		weakly developed C-S fabrics. These C-S fabrics are defined by								
		chloritic shear bands defining carbonate patches that are rotated								
		almost 90. Carbonate composition appears to be a mix of ankerite								
		+ calcite (+dolomite?). Gradational lower contact								
		M0, C4, a0-2								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite observed								
471.9	496.8	Massive mafic volcanics Colour light to medium green, moderately hard, moderately to non-magnetic, strongly calcitic. Weakly foliated texture is defined by alignment of calcitic bands & patches. Trace - 1% calcite-rich veinlets are oriented at low angles to CA M4 (471.9-481), M0 (481-496.8), C6, A0 (471.9-481), A2 (481-496.8) -no significant pyrite observed								
496.8	519.1	Mafic spotted mafic flow Colour medium green, moderately hard, moderately magnetic, moderately calcitic. A well developed spotted texture is defined by the presence of 10-15% elongated mafic phenocrysts measuring 1x7-10mm in size. 3-5% calcite-rich veining reaches 0.1 ft in width and are oriented at all angels to CA. Gradational upper contact, sharp lower contact. M4, C6 at 496.8, decreasing to C0 at 519.1 ft, A0 (496.8-506), A2 (506-519.1) Trace diss very fine grain pyrite								
519.1	589.4	Massive mafic volcanic Colour light green-grey, moderately hard, strongly magnetic, non-calcitic. Weakly foliated, very fine grained texture containing	36903	521.00	526.00	5.00	3			
			36904	526.00	531.00	5.00	3			
			36905	531.00	536.00	5.00	3			

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		3-5% very fine grained diss leucoxene. 1-3% calcite-rich	36906	571.00	576.00	5.00	NIL			
		veinlets to 5mm in width are oriented at all angles to CA.	36907	576.00	581.00	5.00	2			
		1-3% epidote-calcite veining/stockworks are noted in the 565-	36908	581.00	586.00	5.00	22			
		589.4 ft interval.	36909	586.00	589.00	3.00	5			
		Occasional sections of mafic spotted volcanics (eg 538-550 ft, 573-583 ft) have gradational contacts. A 0.3 ft wide section of quartz-epidote-(calcite) veining is noted at 564.6 ft (135 to CA).								
		-core angle: 110 to CA at 551 ft: foliation								
		-3-5% very fine grained diss magnetite noted in the 519.1-536 ft section.								
		M4 (519.1-533), M6 (533-561), M4 (561-576), M6 (576-586), M4 (586-589.4), C0 (519.1-588.4), A2 (519.1-533), A0 (533-561), A2 (561-589.4)								
		-no significant pyrite observed								
589.4	589.8	Grey quartz-pyrite vein								
		Colour light grey, very hard, weakly calcitic, non-magnetic. Massive texture. Weakly developed calcitic breccia textures within 0.5 ft of either side of the vein.								
		-core angle: 130 to CA at 589.4 ft: contact								
		-core angle: 110 to CA at 589.8 ft: contact								
		M0, C2, A0								
		10% diss very fine grained subhedral pyrite								
589.8	617.9	Massive mafic volcanics	36910	589.00	590.00	1.00	22	15		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-62

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium green-yellow, hard, moderately magnetic,	36911	590.00	596.00	6.00	3			
		non-calcitic.	36912	596.00	601.00	5.00	NIL			
		Massive to weakly developed foliated texture. 1-3% calcitic	36913	601.00	606.00	5.00	2			
		veinlets at all angles to CA. 3-5% epidote-calcite-(quartz)	36914	606.00	611.50	5.50	3			
		veinlets/stockworks generally are oriented parallel to foliation,	36915	611.50	612.50	1.00	NIL			
		but also display ptygmatic folding patterns in veinlets oriented	36916	612.50	616.00	3.50	NIL			
		at low angles to CA	36917	616.00	617.90	1.90	NIL			
		-core angle: 115 to CA at 606 ft: foliation								
		M4, C0, A0								
		-no significant pyrite noted								
		612.0 ft 0.1 ft wide grey calcite-pyrite vein. 3-5% diss very fine grained block tourmaline stubby crystals is noted in the wall rocks of the vein -core angle: 100 to CA at 612.0 ft: calcite-pyrite vein -10% diss very fine grained pyrite in the vein itself. 1% diss very fine to fine grained euhedral pyrite is also present in the wall rocks within 0.2 ft								
617.9	619.9	Grey calcite-pyrite-tourmaline zone	36918	617.90	619.90	2.00	89	94		
		Colour light grey, very hard, non-magnetic, strongly calcitic.								
		Well developed banded texture is defined by the presence of 3-4 grey calcite-pyrite bands up to 0.6 ft in width separated by sections of unaltered mafic volcanic.								
		The grey calcite veins contain 3-5% black tourmaline bands to 3-5mm in width. These tourmaline bands are very irregular in shape and have the appearance of ptygmatic folding.								
		Overall, the interval consists of approx. 60% grey calcite veins								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-62

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		and 40% unaltered mafics								
		-core angle: 110 to CA at 619.9 ft: contact								
		C6, A0, M0								
		20% disseminated very fine grained subhedral pyrite is present within the grey calcite veins. Overall pyrite abundance for the interval estimated at 15%								
619.9	681.7	Weakly foliated mafic volcanic	36919	619.90	626.00	6.10	3			
		Colour light to medium green-grey, moderately hard, weakly to	36920	626.00	631.00	5.00	NIL			
		moderately magnetic, non-calcitic. Weakly foliated mafic	36921	631.00	636.00	5.00	NIL			
		porphyritic to massive texture. Foliation is defined by	36922	636.00	641.00	5.00	NIL			
		alignment of mafic spots. 3-5% epidote-calcite-(sericite)-	36923	641.00	646.00	5.00	2			
		(quartz) veinlets to 1-2cm in width are oriented at all angles to	36924	646.00	651.00	5.00	NIL			
		CA. 1% calcite-rich veinlets to 1cm in width cross-cut the	36925	651.00	656.00	5.00	NIL			
		earlier epidote veinlets	36926	656.00	661.00	5.00	NIL			
		-core angle: 120 to CA at 640 ft: foliation	36927	661.00	666.00	5.00	2			
			36928	666.00	671.00	5.00	NIL			
		663.4-664.4 ft Grey cherty ash tuff unit. Sharp upper and lower	36929	671.00	673.10	2.10	NIL			
		contacts. Massive aphanitic texture containing a few cloudy	36930	673.10	676.30	3.20	2	NIL		
		light yellow-brown patches.	36931	676.30	681.70	5.40	NIL			
		-core angle: 115 to CA at 663.4 ft: contact								
		673.1-676.3 ft Grey cherty ash tuff unit. Similar in appearance to that of 663.4 ft								
		-core angle: 115 to CA at 676.3 ft: contact								
		681.7 ft EOH -Drillers rpt 682.4 ft								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-62

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

Logged on site
R. Pressacco April 26/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
43.60	-44.60+	357.00+
87.20	-44.60	357.00
185.65	-43.60+	356.80+
284.10	-43.60	356.80
382.50	-43.60+	356.50+
480.90	-43.60	356.50
574.40	-43.70+	355.40+
667.90	-43.70	355.40

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63
Collar Eastings: 5000.00
Collar Northings: 1600.00
Collar Elevation: 7955.00
Grid: 2002 Imperial
Rig:Boyles 25 Dates: Apr.24-25/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 537.00 feet
POWELL TP; CLAIM:MR5406 Line:50+00E Stat:16+00NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 28, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	6.1	Ankeritized-sericitized mafic volcanic Colour dark green-grey, moderately soft, non-magnetic, non-calcitic. Well developed foliated, aphanitic texture is defined by alignment of ank-ser-qtz patches & bands. Trace late-stage calcite-rich veinlets -core angle: 125 to CA at 4 ft: foliation M0, C0, A4, Ser 4 -abundant ankerite-sericite-(quartz) patches, veins and bands are present to 0.3 ft in width. All of these patches/veins have colliform shaped edges. Overall alteration abundance estimated at 30-40% 1% diss & patchy fine grained euhedral pyrite	36932	0.00	6.10	6.10	74	50		
6.1	52.8	Sheared mafic volcanic Colour dark grey-green, moderately soft, non-magnetic, non-calcitic. Moderately well developed foliated/sheared texture, containing abundant occurrences of C-S fabric. The shear fabric is defined by alignment of chloritic hairline veinlets (to 1mm) while the schistosity is defined by an alteration of chloritic-calcitic material. Abundant calcite as irregular veins to 1cm and as part of the C-S fabric. Gradational lower contact	36933	6.10	11.00	4.90	17			
			36934	11.00	16.00	5.00	3			
			36935	16.00	21.00	5.00	2			
			36936	21.00	26.00	5.00	NIL			
			36937	26.00	31.00	5.00	NIL			
			36938	31.00	36.00	5.00	NIL			
			36939	36.00	41.00	5.00	NIL			
			36940	41.00	47.00	6.00	2			
			36941	47.00	52.80	5.80	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 145 to CA at 24 ft: shearing -core angle: 25 to CA at 29? Ft: schistosity M0, A2 (6.1-25), A0 (25-57.8), C0 (locally C1 and C4) Trace diss fine grained pyrite								
52.8	58.6	Mafic tuff Colour variable from dark green to light grey, moderately hard, non-magnetic, weakly to non-calcitic. Well developed bedded texture with alternating bands of dark green chloritic and light grey (felsic?) tuff bands. Well developed crenulation cleavages are common and disrupt the bedding planes by 1-2mm. 1-3% diss fine grained magnetite throughout. 3-5% thin calcitic stockworking throughout. -core angle: 125 to CA at 56 ft: bedding M0, C0-2, A0 Trace diss very fine grained pyrite	36942	52.80	58.60	5.80	2			
58.6	76.2	Massive mafic volcanic Colour dark green, moderately soft, weakly to non-magnetic, weakly calcitic. Massive to weakly foliated very fine grained texture. The upper 5 ft of the section is the most well developed foliated section containing occasional crenulation cleavage becoming massive below approx. 64 ft. 3-5% calcite-rich veinlets generally display conjugate patterns. One set is generally oriented along foliation,the other occurring at about 30 to CA. 1-3% quartz patches to 1-2cm	36943	58.60	61.00	2.40	NIL			
			36944	61.00	66.50	5.50	14			
			36945	66.50	68.50	2.00	51	48		
			36946	68.50	71.00	2.50	7			
			36947	71.00	76.20	5.20	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0 (58.6-64), M2 (64-76.2), C2 (locally C1), A0								
		Trace diss fine grained pyrite								
		66.8 ft 1cm quartz-pyrite-tourmaline vein is oriented at 65 to CA								
		68.0 ft grey calcite-pyrite band to 0.2 ft in width is oriented at 115 to CA. The vein contains 5-7% very fine to fine grained disseminated pyrite								
76.2	135.1	Mafic intrusive	36948	76.20	81.00	4.80	NIL			
		Colour medium green-yellow, moderately hard, weakly to	36949	81.00	86.00	5.00	NIL			
		non-magnetic, non-calcitic. Massive to weakly foliated fine to medium grained mafic porphyritic texture.								
		5-7% very fine grained diss leucoxene.								
		1-3% thin calcite-rich veinlets are oriented at all angles to CA.								
		Trace epidote patches & contorted veins.								
		Gradational lower contact over 1-2 ft								
		C3 (76.7-86), C1 (86-91), C0 (91-, A0, M2 (76.7-101), M0 (101-								
		1% diss & patchy euhedral-subhedral pyrite								
135.1	174.9	Mafic volcanic flow breccia	36950	135.10	141.00	5.90	NIL			
		Colour medium green-yellow, moderately soft to moderately hard,	36951	141.00	146.00	5.00	NIL			
		non-magnetic to weakly magnetic, non-calcitic. Very disrupted,	36952	146.00	151.00	5.00	NIL			
		chaotic and contorted texture is defined by thin bands of epidote	36953	151.00	156.00	5.00	NIL			
		(1mm) and clearly defined fragments at mafic volcanics supported	36954	156.00	161.00	5.00	NIL	2		
		in a dark green to black hyaloclastic matrix (eg 138 ft). Very	36955	161.00	166.00	5.00	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		few distinct pillow selvages are observed only mafic fragments	36956	166.00	171.00	5.00	NIL			
		are seen in the section, suggesting that this is a section of	36957	171.00	174.90	3.90	NIL			
		flow breccia. Core angles are highly variable, ranging from 0 to 90 to CA. 3-5% calcite-rich veinlets & patches are present throughout, concentrating mainly in the hyaloclastic sections. Lower contact is gradational over 1-2 ft and is chosen as an apparent flow bottom								
		C4-6 (135.1-151), C0 (151-174.9), M0 (135.1-141), M2 (141-168), M0 (168-174.9), A0 (135.1-141), A2 (141-151), A0 (151-171), A2 (171-174.9)								
		1% diss & patchy fine to medium grained anhedral pyrite								
174.9	226.8	Massive mafic volcanic	36958	174.90	177.00	2.10	3			
		Colour medium to light yellow green, moderately hard,	36959	177.00	181.00	4.00	2			
		non-magnetic, non-calcitic. Massive to weakly foliated very fine	36960	211.00	213.00	2.00	NIL			
		grained texture.	36961	213.00	216.00	3.00	3			
		1-3% epidote-calcite veins and patches to 1-2cm. 3% calcite-rich	36962	216.00	221.00	5.00	NIL	NIL		
		veinlets at all angles to CA. 5% red-brown hematite stringers	36963	221.00	226.80	5.80	3			
		noted in the 197-201 ft section								
		-core angle: 135 to CA at 195 ft: foliation								
		-core angle: 115 to CA at 213.0 ft: flow contact								
		M0, C0, A0 (174.9-200), A2 (200-210), A0 (2120-226.8)								
		Trace diss & patchy fine grained anhedral pyrite throughout								
		174.9-177 ft 5% diss & patchy fine-medium grained pyrite (anhedral)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		213.0-226.8 ft section of quartz-epidote-calcite veining. Overall vein abundance is estimated at 10%. The veins are up to 0.2 ft in width (commonly 0.1 ft) and are typically oriented along foliation; 5-7% red-brown hematite stringers in the 226.0-228 ft section								
226.8	296.7	Mafic intrusive	36964	226.80	231.00	4.20	NIL			
		Colour medium green, moderately hard, non-magnetic, non-calcitic.	36965	246.00	247.50	1.50	NIL			
		Massive, very fine grained texture. 1% thin calcite-rich	36966	247.50	248.50	1.00	NIL			
		veinlets throughout	36967	248.50	251.00	2.50	NIL			
			36968	276.00	280.00	4.00	NIL			
		C0, M0, A0 (226.8-261), A2 (261-276), A0 (276-296.7)	36969	280.00	283.00	3.00	NIL			
			36970	283.00	286.00	3.00	NIL			
		-no significant pyrite observed								
		247.8-248.5 ft two 0.2 ft wide quartz-epidote-calcite veins are present. One vein is oriented to 45 to CA, the other at 80 to CA, suggesting that they are branching veins.								
		280.5-281.6 ft A quartz-epidote-calcite-(pyrite) vein is oriented essentially parallel to CA								
		-core angle: 130 to CA at 296.7 ft: contact								
296.7	402.9	Mafic volcanic flow	36971	296.70	301.00	4.30	NIL			
		Colour light green-grey, moderately hard, non-magnetic, variably	36972	301.00	306.00	5.00	NIL			
		calcitic. Weakly foliated, very fine grained texture, containing	36973	306.00	311.00	5.00	NIL			
		occasional short sections of crenulation cleavage.5-7% calcite is	36974	311.00	316.00	5.00	NIL			
		present, occurring mostly as thin wisps, small patches to 1cm and	36975	316.00	320.00	4.00	NIL			
		occasional veinlets to 5mm in width	36976	320.00	321.50	1.50	3	NIL		

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 125 to CA at 308 ft: foliation	36977	321.50	326.00	4.50	NIL			
			36978	326.00	331.00	5.00	NIL			
		M0, A0 (296.7-351), A2-0 (351-396), A0 (396-402.9),	36979	331.00	336.00	5.00	NIL			
		C2-6 (296.7-312), C0 (312-316), C6 (316-376), C2 (376-341),	36980	336.00	341.00	5.00	NIL			
		C6 (341-368), C0-2 (368-402.9)	36981	341.00	346.00	5.00	NIL			
			36982	346.00	351.00	5.00	NIL	2		
		Trace diss fine grained pyrite	36983	351.00	356.00	5.00	NIL			
			36984	356.00	361.00	5.00	NIL			
		321.0 ft 0.5 ft interval of calcite-pyrite mineralization. This	36985	361.00	366.00	5.00	NIL			
		section is located at the end of a run and is broken into	36986	391.00	396.00	5.00	NIL			
		small pieces.; 5% fine-medium grained diss euhedral pyrite	36987	396.00	401.00	5.00	NIL			
			36988	401.00	402.90	1.90	2			
		341-361 ft section of broken & blocky core. Overall RQD is estimated at 75%. Abundant patchy/fragmental white calcite throughout. The patches are sub-angular in shape and up to 2-3cm in size. Possible fault zone. 1-3% contorted tourmaline stringers 358-361 ft; Trace diss very very fine grained pyrite associated with the calcite patches								
		369.8-374.0 ft interflow breccia. Abundant mafic volcanic fragments set in a dark green-black hyaloclastite matrix -core angle: 155 to CA at 374.0 ft: flow contact								
		395-402.9 ft 1-3% hairline tourmaline stringers/veinlets are present at times associated with calcite veining/patches. These stringers are very contorted in shape and appear ptygmatically folded								
402.9	537.0	Mafic intrusive (leucoxenitic)	36989	402.90	406.00	3.10	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium green, moderately hard, non-magnetic, non-calcitic.	36990	406.00	471.00	65.00	10			
		Massive fine grained texture with occasional short sections of	36991	471.00	476.00	5.00	NIL			
		weakly developed foliation.	36992	476.00	481.00	5.00	NIL			
		7-10% fine to medium grained diss leucoxene throughout.	36993	511.00	516.00	5.00	NIL			
		1-3% calcite veinlets at all angles to CA. The strength	36994	516.00	520.00	4.00	NIL			
		of foliation increases to moderate below 456 ft to end of hole.	36995	520.00	525.00	5.00	NIL			
		-core angle: 145 to CA at 460 ft: foliation	36996	525.00	531.00	6.00	NIL			
		-core angle: 135 to CA at 532 ft: foliation								
		M0 (402.9-440), M2-0 (440-516), M4-M2 (516-530), M0 (5830-537), A0 (402.9-465), A2 (465-492), A0 (492-537), C6 (402.9-421), C2 (421-436), C0 (436-506), C2 (506-521), C0 (521-537)								
		-no significant pyrite observed								
		465.2-467.0, 484.2-490.1, 512.3-516.8 ft: xenoliths of mafic volcanic and mafic tuff. Generally sharp contacts oriented along foliation								
		521.0 ft: 0.2 ft wide qtz-chlorite vein is oriented at 150 to CA								
		522.6 ft: 0.3 ft wide quartz-chlorite vein is oriented at 135 to CA								
		537.0 ft EOH -Drillers rpt 538.1 ft								
		Logged on site R. Pressacco April 28/03								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-63

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.15	-44.70+	357.00+
100.30	-44.70	357.00
198.75	-44.30+	357.00+
297.20	-44.30	357.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64
Collar Eastings: 4600.00
Collar Northings: 1800.00
Collar Elevation: 7955.00
Grid: 2002 Imperial
Rig:Boyles 25 Dates: Apr.26-27/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 397.60 feet
POWELL TP; CLAIM:MR5383 Line:46+00E Stat:18+00NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg E ast.; core stored on site

Logged by: Reno Pressacco
Date: April 29, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	3.5	Foliated mafic volcanics Colour dark green to black, soft, non-magnetic, weakly calcitic. Strongly foliated (sheared?) texture consisting of alternating bands of white to grey calcite-(quartz) and dark green chloritic aphanitic mafic volcanics. Overall calcite abundance estimated at 30-40%. -core angle: 125 to CA at 3 ft: foliation M0, C2, A4 -moderate pervasive ankerite alteration 1-3% disseminated and patchy very fine to fine grained euhedral pyrite	36997	0.00	3.50	3.50	10			
3.5	5.9	Mineralized zone This section consists of a section of strongly foliated mafic volcanics containing 5-7% pyrite (3.5-4.1), quartz-chlorite-ankerite vein (4.1-5.0 ft), and sericite-grey cc/ank-pyrite alteration (5.0-5.9 ft). The general sense is that this mineralized interval follows the foliation C4, M0, A2 Overall 5% fine to medium grained disseminated subhedral-euhedral								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		pyrite. The pyrite occurs mostly in the 3.5-4.1 and 5.0-5.9 ft sections								
5.9	6.4	Mafic/tectonic breccia zone This short section consists of numerous small (1cm) fragments of mafic volcanic that are outlined by thin calcite rims. The fragments commonly contain fine calcitic banding. The orientation of the banding in the fragments is variable. Possible fault zone (?) -core angle: 14S to CA at 5.9 ft: contact -core angle: 14S to CA at 6.4 ft: contact C4, M0, A0 -no significant pyrite observed	36998	3.50	6.40	2.90	75	86		
17.0	44.7	Strongly foliated mafic volcanic Colour light to medium green, soft, non-magnetic, weakly to moderately calcitic. This interval has a strongly developed foliated (sheared?) texture defined by alignment of calcitic grains & patches/bands to 1-3mm in size. The orientation of this foliation is highly variable ranging from about 45 to 0 to CA. Those intervals containing 45deg fabric contain strongly developed crenulation cleavage (C-S fabric) textures while crenulations are absent in these intervals of 0 core angles. Possible folded interval. Trace calcite-quartz veinlets -core angle: 35 to CA at 21 ft: foliation (crenulation) -core angle: 0 to CA at 31 ft: foliation -core angle: 170 to CA at 41 ft: foliation -wavy, irregularly shaped lower contact	36999	6.40	11.00	4.60	NIL			
			37000	11.00	15.00	4.00	NIL			
			37001	15.00	17.00	2.00	19			
			37002	17.00	21.00	4.00	NIL			
			37003	21.00	26.00	5.00	NIL			
			37004	26.00	31.00	5.00	2	NIL		
			37005	31.00	36.00	5.00	NIL			
			37006	36.00	41.00	5.00	NIL			
			37007	41.00	44.70	3.70	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0, A2, C2-4								
		-no significant pyrite observed								
44.7	58.0	Mafic flow breccia (mafic tuff?)	37008	44.70	51.00	6.30	3			
		Colour light green-grey, moderately hard, non-magnetic, variably	37009	51.00	56.00	5.00	2			
		calcitic. Well developed fragmental texture containing bands and	37010	56.00	58.00	2.00	7			
		fragments of mafic volcanic sitting in a dark green chloritic								
		matrix. The fragments are very irregular in shape and suggest								
		that they are flow breccia fragments.								
		Crenulation cleavages are developed on occasion.								
		1% calcitic veinlets.								
		Gradational lower contact over 1-2 ft								
		-core angle: 50 to CA at 57 ft: foliation								
		C2-6, M0, A6-2 (decreasing downhole)								
		1% diss & patchy fine-medium grained subhedrral pyrite is present								
		throughout, but shows an association in the calcitic veinlets and								
		chloritic bands								
58.0	129.6	Mafic volcanic flows	37011	58.00	61.00	3.00	NIL			
		Colour medium green, moderately soft, non-magnetic, variably	37012	61.00	66.00	5.00	NIL			
		calcitic. The texture is variable from massive/weakly foliated	37013	66.00	71.00	5.00	3			
		very fine grained to well foliated & fragmental textures	37014	71.00	76.00	5.00	2			
		suggesting the present of a number of individual flows (eg flow	37015	76.00	81.00	5.00	5	3		
		breccia & tuff observed in the 81-89 ft section). Crenulation	37016	81.00	86.00	5.00	5			
		cleavages are commonly observed, rare doughnut outlines.	37017	86.00	91.00	5.00	5			
		5-7% calcite-chlorite is present as stockworks of 1-3mm wide	37018	91.00	96.00	5.00	3			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		veins, individual veinlets and larger patches/bands to 0.2 ft in	37019	96.00	101.00	5.00	5			
		width; Strength of foliation decreases to weak to massive texture	37020	101.00	106.00	5.00	7			
		downhole	37021	106.00	111.00	5.00	NIL			
		-core angle: 40 to CA at 78 ft: foliation								
		-core angle: 140 to CA at 92 ft: foliation								
		-Drillers report a seam at 111.3 ft								
		-core angle: 105 to CA at 129.6 ft: contact								
		M0, C2-4 (highly variable over 5 ft), A2 (58.0-89), A0 (89-101), A2-0 (101-129.6)								
		-no significant pyrite observed								
129.6	241.7	Pillowed, variolitic mafic volcanic	37022	129.60	131.00	1.40	153	117		
		Colour medium yellow-green, moderately hard, weakly to moderately	37023	131.00	136.00	5.00	34			
		magnetic, non-calcitic. Well developed pillowed textures with	37024	136.00	141.00	5.00	75			
		pillows on the order of 3-4 ft in width. The pillow selvages are	37025	141.00	146.00	5.00	9			
		commonly variolitic with fine to very fine grained round	37026	146.00	151.00	5.00	24			
		varioles. The hyaloclastite ranges from 1-2cm to 1 ft in width.	37027	171.00	176.00	5.00	26			
		1-3% calcite-rich veinlets are typically 1-3mm in width and are	37028	176.00	181.00	5.00	7			
		commonly oriented in a conjugate x-pattern.	37029	181.00	186.00	5.00	3			
		5-7% quartz-chlorite-calcite veining is concentrated in the 171-	37030	186.00	191.00	5.00	22			
		196 ft interval. The veins typically reach 0.3 ft in width and	37031	191.00	196.00	5.00	65			
		are generally oriented at ~135 to CA.	37032	226.00	231.00	5.00	3			
		Semi-massive magnetite is noted interstitial to the pillows in	37033	231.00	236.00	5.00	2			
		the 140-151 ft section and again in the 211-231 ft section. A	37034	236.00	241.70	5.70	NIL			
		0.3 ft wide section of quartz-calcite-chlorite-tourmaline-pyrite veining/patchwork is noted at 236.0 ft								
		M0 (129.6-139), M2 (139-160), M4 (160-171), M2 (171-230),								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0 (230-241.7), C0, A2 (129.6-146), A6 (146-170), A2 (170-241.7)								
		Trace diss & patchy fine grained anhedral pyrite								
241.7	274.6	massive mafic volcanic	37035	241.70	246.00	4.30	NIL			
		Colour medium green-grey, hard, strongly magnetic, non-calcitic.	37036	246.00	251.00	5.00	3			
		Massive to very weakly foliated, very fine grained to aphanitic	37037	251.00	256.00	5.00	NIL			
		texture. Occasional chlorite-filled amygdules To 5-10mm are	37038	256.00	261.00	5.00	7			
		locally developed. Core angles are variable, but are often	37039	261.00	266.00	5.00	7			
		oriented at very low angles to CA	37040	266.00	271.00	5.00	10	14		
		3-5% milky white calcite stockworks throughout								
		-core angle: 170 to cA at 259 ft: foliation								
		M2 (241.7-247), M6 (247-274.6), C2 (241.7-251), C0 (251-266), C2 (266-274.6), A2 (241.7-258), A4 (258-268), A2 (268-274.6)								
		-no significant pyrite mineralization noted								
		255.8 ft: 0.1 ft wide quartz-calcite-pyrite vein/patch is oriented essentially parallel to CA								
274.6	291.0	Calcite-pyrite veined mafic volcanics	37041	271.00	276.00	5.00	NIL			
		Similar lithology to the massive mafic volcanic described at	37042	276.00	281.00	5.00	14			
		241.7 ft, this interval contains a number of calcite-pyrite	37043	281.00	282.00	1.00	132			
		stringers and veins. These veins essentially follow the	37044	282.00	286.00	4.00	NIL			
		foliation and are typically thin (5-10mm). Several closely	37045	286.00	291.00	5.00	2			
		spaced quartz-calcite veins are noted in the 281.0-282.0 ft interval								
		-core angle: 25 to CA at 281 ft: vein								
		-overall vein/stringer abundance estimated at 1-3%								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-64

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M6 (274.6-283), M4 (283-291.0), C2 (274.6-283), C0 (283-291.0), A2 (274.6-286), A4 (286-291.0) 1-3% pyrite overall, occurring in calcite-(quartz) veins/stringers as described. The pyrite in these veins is very fine grained disseminated anhedral to fine grained euhedral. Pyrite abundance can reach 10-15% over a 1 ft interval (281-282 ft). Pyrite sits in the wall rock to the veins								
291.0	292.0	Grey quartz-calcite-sericite-pyrite vein Colour variable from light grey to light yellow-brown, very hard, non-magnetic, strongly calcitic. A well developed banded /ribboned texture is defined by alternating intervals of calcite, quartz, and sericite altered wall rock. The actual width of the banded zone is 0.5 ft and the individual bands are 1-2cm in width. The vein is oriented essentially parallel to foliation, however the foliations are exhibiting a "twisting" or folding throughout this region of the drill hole. -core angle: 50/130 to CA at 291.5 ft: vein M0, C6, A4, SER 6 -moderate pervasive ankerite in the wall rocks to the vein, strong pervasive sericite alteration at wall rocks to quartz and calcite bands/veins 5-7% fine to very fine grained diss subhedral pyrite is present in the wall rocks to the calcite and quartz bands	37046	291.00	292.00	1.00	243	180		
292.0	306.5	Calcite-pyrite veined mafic intrusive/massive flow	37047	292.00	297.00	5.00	82			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Similar to that described at 274.6 ft. Two narrow intervals of	37048	297.00	302.50	5.50	NIL			
		grey calcite-pyrite-(quartz) are noted in this section.	37049	302.50	303.50	1.00	65			
		Overall abundance at these stringers/veins/bands is on the order	37050	303.50	305.50	2.00	12			
		of 1-3% and they generally follow foliation. The bands can reach	37051	305.50	306.50	1.00	94			
		0.1 ft in width.								
		5-7% calcite stockworking occurs in a conjugate veining pattern.								
		Occasional weakly developed brecciated texture								
		M4 (292.0-304), M0 (304-306.5), C2-0, A2								
		1% pyrite overall, pyrite occurs mostly in association with the								
		grey bands described. Pyrite can reach 10% abundance over 0.2 ft,								
		and is diss very fine grained, subhedral.								
306.5	324.4	Massive mafic intrusive/massive flow	37052	306.50	311.00	4.50	9			
		Colour dark green, moderately hard, non-magnetic, non-calcitic.	37053	311.00	316.00	5.00	5			
		Massive to weakly foliated fine grained texture. 10-15% calcite	37054	316.00	321.00	5.00	3	9		
		breccia veins are present, predominantly in the 306.5-315 ft	37055	321.00	324.40	3.40	2			
		interval. The individual breccia veins can reach 0.8 ft in width								
		and contain 25-30% angular mafic volcanic fragments to 1-2cm.								
		These calcite breccia veins are typically oriented at 45/135 to								
		CA								
		-core angle: 115 to CA at 324.9 ft: contact								
		M0, C0, A2								
		-no significant pyrite observed								
324.4	356.1	Foliated mafic volcanic	37056	324.40	328.00	3.60	5			
		Colour dark green-grey, moderately hard, non-magnetic,	37057	328.00	331.00	3.00	31			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		non-calcitic.	37058	331.00	336.00	5.00	7			
		Weakly to moderately well developed foliated very fine grained	37059	336.00	341.00	5.00	10			
		texture. Foliation is defined by alignment of fine epidote	37060	341.00	346.00	5.00	2	NIL		
		veinlets and of lighter coloured very fine grained grains.	37061	346.00	351.00	5.00	NIL			
		5-7% calcite stockworking is present throughout. Calcite veins	37062	351.00	356.10	5.10	58			
		are 1-5mm in size								
		-core angle: 130 to cA at 335 ft: foliation								
		-core angle: 80 to CA at 356.1 ft: contact								
		M0, C0 (local C6), A2-A0								
		3% medium-fine grained diss anhedral pyrite is present in the								
		324.4-329 ft section. No significant pyrite otherwise								
356.1	378.5	Diabase	37063	356.10	361.00	4.90	2			
		Colour medium-dark grey, moderately hard, moderately magnetic,	37064	361.00	366.00	5.00	10			
		non-calcitic. Massive medium grained porphyritic texture	37065	366.00	371.00	5.00	NIL			
		containing both mafic and feldspar phenocrysts. 1% calcite	37066	371.00	376.00	5.00	NIL			
		veinlets to 1mm	37067	376.00	378.50	2.50	NIL			
		M4, C0, A2								
		-no significant pyrite observed								
378.5	397.6	Pillowed mafic volcanics	37068	378.50	381.00	2.50	69			
		Colour variable from dark green to medium grey, hard, weakly to	37069	381.00	386.00	5.00	NIL			
		non-magnetic, non-calcitic. Well developed pillowed textures	37070	386.00	391.00	5.00	9			
		with large pillow and pillow breccia. The pillows measure 2-3 ft	37071	391.00	397.60	6.60	19			
		in length and commonly have variolitic selvages. 3-5% patchy								
		epidote alteration in he cores and along the margins of the								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

pillows. 3% calcite veining is oriented at all angles to CA.

M0-2, C0, A0 (378.5-388), A2-6 (388-397.6 increasing downhole)

1% diss fine grained anhedral pyrite

397.6 ft EOH -Drillers rpt 400.2 ft

Logged on site
R. Pressacco April 29/03

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.25	-45.20+	357.60+
90.50	-45.20	357.60
188.90	-44.20+	355.50+
287.30	-44.20	355.50

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-65
Collar Eastings: 4600.00
Collar Northings: 1016.00
Collar Elevation: 7900.00
Grid: 2002 Imperial
Rig:Boyles 25 Dates: Apr.28-29/03

Collar Inclination: -45.00
Grid Bearing: 360.00
Final Depth: 417.10 feet
POWELL TP; CLAIM:MR5383 Line:46+00E Stat:10+16NBQ Core by Heath & Sherwood (198
Grid North = 1.2deg East.; core stored on site

Logged by: Reno Pressacco
Date: May 1, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	10.5	Casing (in ft) all casing left in place. Hole terminated prematurely at 128m when the bit intersected a high pressure water seam. The water pressure in the drill rods was higher than the pressure pump could supply and the bit burned. The casing was making easily 100 gal/min in the open casing when the rods were pulled out. A plug (Chibougamau) and bag of mud were placed at 15m downhole. All water flow has been stopped as of April 29, 2003								
10.5	23.0	Fine grained mafic volcanic Colour dark green, moderately hard, weakly to moderately magnetic, non-calcitic. Weakly to moderately well foliated very fine grained texture. 10-15% wispy, cloud-like calcitic patches and bands are present in the 18-23 ft section. Sharp lower contact -core angle: 170 to CA at 23 ft: contact M4-2, C0-2, A2 -no significant sulphides observed								
23.0	58.1	Mafic/ultramafic volcanic Colour light grey-green, moderately hard, non-magnetic, weakly to	37072	36.00	41.00	5.00	NIL	NIL		
			37073	41.00	46.00	5.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		non-calcitic. Strongly foliated aphanitic texture. The foliation is highly variable in orientation and contorted, sections with crenulation cleavages are commonly developed. The foliation is defined chiefly by aligned bands and elongated patches of calcite to 5-10mm in size. Calcite abundance estimated at 10-15%.	37074	46.00	51.00	5.00	NIL			
		M0, A2, C0 (23-36), C2 (36-51), C0 (51-58), SER 2 -weak stringer/stockwork sericite alteration								
		-no significant pyrite observed								
		32.0 ft: a 10mm wide clay-filled gouge zone is contained within a 0.5 ft wide zone of broken core								
		43.8 ft: 0.1 ft wide pinkish quartz-calcite vein is oriented at 55 to CA								
		57-58.1 ft: breccia vein containing fine fragments of light grey volcanics and calcite patches grain-supported in an aphanitic dark green chloritic matrix -core angle: 150 to cA at 32 ft: foliation -core angle: 30 to cA at 54 ft: foliation								
58.1	93.3	Foliated mafic intrusive Colour dark green, moderately hard, weakly to moderately magnetic, weakly to moderately calcitic. Moderately to well developed foliated, fine grained texture. 3-5% calcite-rich stringers/veinlets are at all angels to CA. Gradational contacts with adjacent units.								

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-65

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		3-5% diss fine grained magnetite is observed on dry core surfaces. -core angles: 135 to CA at 68 ft: foliation M2 (58-62), M4 (62-81), M0 (81-93), C4-C2, A0 (58-71), A2 (71-93) -no significant pyrite observed								
93.3	121.0	Mafic/ultramafic volcanics Colour light grey-green, moderately soft, non-magnetic, weakly to non-calcitic. Weakly to moderately well developed foliated /contorted aphanitic texture. Foliations defined by patches and contorted bands of calcite-(quartz). Overall calcite abundance estimated at 10-15%	37075	93.30	98.50	5.20	NIL			
			37076	98.50	100.00	1.50	NIL			
			37077	100.00	106.00	6.00	NIL			
			37078	106.00	111.00	5.00	5			
			37079	111.00	116.00	5.00	7			
			37080	116.00	121.00	5.00	29			
		M0, C0 (93-+106), C2-4 (106-, A2 (93- 99.7 ft: 0.3 wide banded tourmaline-calcite vein is contorted by a crenulation cleavage. -core angle: 130 to CA at 99.7 ft: vein -core angle: 25 to CA at 99.7 ft: crenulation cleavage 96-119 ft: 1% thin threads of black tourmaline (1mm) are aligned and contorted along the foliation planes -core angle: 145 to CA at 97 ft: foliation -core angle: 30 to CA at 113 ft: crenulation cleavage 118.0 ft: 0.1 ft wide section of very fine grained diss subhedral pyrite is oriented along a wavy, flowing foliation								

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HOLE No.: M03-65

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
121.0	143.0	Mafic volcanic Colour dark green, moderately soft, non-magnetic, weakly calcitic. Massive to weakly foliated very fine grained texture. Abundant carbonate alteration occurring as diss fine grained ankerite-calcite grains and as 1-3% calcite-rich veinlets M0, C1-C3, A0-2 -pervasive & spotty carbonate alteration. Estimate 15-20% carbonate spots/grains -no significant pyrite observed								
143.0	156.9	Mafic tuff(?) Colour light grey-green, moderately soft, non-magnetic, non-calcitic. Well developed bedded (foliated?) texture is defined by alignment of thin dark green chloritic hairline stringers separating larger bands/patches of lighter green tuffaceous material. The overall sense is that this texture is bedding rather than a shear fabric. Occasional crenulation cleavage. 5-7% calcitic bands/patches and veins to 1cm in width -core angle: 150 to CA at 156 ft: bedding M0, C0-2, A2 -weakly developed pervasive ankerite alteration -no significant pyrite observed								
156.9	196.5	Mafic volcanic	37081	191.00	196.50	5.50	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium to dark green, moderately hard, non-magnetic, weakly to strongly calcitic. Strongly developed foliated texture is defined by alternating bands of calcitic and dark green material. The foliations often chaotic in form. Occasional sections of crenulated cleavages observed -core angle: 155 to CA at 181 ft: foliation -3% clacite veinlets to 1cm at all angles to CA M0, C2 (156.9-169), C6 (169-184), C0-2 (184-196.5), A2 (156.9-169), A0 (169-184), A4 (184-196.5) -estimate 15-20% carbonate alteration, occurring as patches to 3-4cm bands and diss grains -no significant pyrite observed								
196.5	215.4	Altered mafic volcanics Colour light yellow-green, moderately hard, mon-magnetic, weakly-moderately calcitic. Very strongly developed foliated texture is defined by bands of calcite, sericite stringers and light green protolithic material. The orientation of the foliation is variable from about 135 to CA at 196.5 ft to 0 to CA at 213 ft. Crenulation cleavages are observed on occasion. 1% calcite veinlets to 1cm in width. A number of short intervals (1-3cm) of banded tourmaline-calcite are observed in this section and follow foliation. These bands are wavy/irregular in shape and suggest a folding event. Upper and lower contacts of the interval are well defined -core angle: 160 to CA at 196.5 ft: contact -core angle: 165 to Ca at 215.4 ft: contact -core angle: 165 to CA at 201 ft: foliation	37082	196.50	201.00	4.50	3			
			37083	201.00	206.00	5.00	17			
			37084	206.00	211.00	5.00	10			
			37085	211.00	215.40	4.40	NIL			

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HOLE No.: M03-65

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 0 to CA at 212 ft: foliation								
		C2, A2, SER 2, M0								
		-no significant pyrite observed								
215.4	387.0	Mafic intrusive	37086	215.40	221.00	5.60	NIL			
		Colour dark green, moderately hard, non-magnetic, strongly	37087	236.00	241.00	5.00	3	NIL		
		calcitic. Strongly developed foliated, crenulated texture with	37088	241.00	245.00	4.00	12			
		the entire 215-241 ft section taking on a herringbone appearance.	37089	245.00	245.90	0.90	NIL			
		The crenulation cleavage is marked by thin chloritic bands (0.1-	37090	245.90	251.00	5.10	NIL			
		0.5mm) while the schistosity is defined by banded calcite-	37091	251.00	256.00	5.00	2			
		chlorite bands. 1-3% calcitic veinlets to 1-3mm in width are	37092	326.00	331.00	5.00	2			
		generally crenulated as well	37093	331.00	335.50	4.50	7			
		-core angle: 40 to CA at 235 ft: schistosity	37094	335.50	338.50	3.00	653	765		
		-core angle: 150 to Ca at 235 ft: crenulation cleavage	37095	338.50	342.30	3.80	57			
		-core angle: 30 to CA at 221 ft: foliation	37096	342.30	346.00	3.70	3			
		-the strength of the crenulation cleavage decreases below roughly	37097	346.00	351.00	5.00	NIL			
		241 ft. Here, occasional short sections up to 5-10 ft contain								
		the crenulated/herringbone pattern. Many small-scale folds are								
		observed throughout the core, giving the appearance of rings and								
		doughnut shapes.								
		C6 (215-256), C4 (256-296), C2 (296-321), C4-6 (321-365),								
		C2 (365-376), C0 (376-387.0), A0-2 (215.4-241), A2 (241-256),								
		A0 (256-296), A2 (296-306), A0 (306-341), A2 (341-360),								
		A0 (360-387.0), M0 (215.4-235), M2 (235-251), M4 (251-296),								
		M0 (296-349), M2 (349-356), M4 (356-387)								
		-no significant pyrite observed								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		245.0-245.9 ft: quartz-calcite-chlorite vein. Upper contact is oriented at 80 to CA, lower contact is irregular in shape. -core angle: 0 to CA at 297 ft: foliation -core angle: 150 to CA at 307 ft: crenulation cleavage -core angle: 0 to CA at 307 ft: schistosity -core angle: 110 to CA at 346 ft: foliation								
		335.5-342.3 ft: interval of pervasive calcite flooding imparting a light grey-green colour to the core. 3% quartz-ankerite veins are at all angles to CA and are very irregular and wavy in shape. Trace -1% diss tourmaline, C6, 1% diss fine-medium grained euhedral pyrite sits along the vein walls in the country rock								
		374.0-376.0 ft: quartz-calcite-chlorite-epidote vein is oriented parallel to core axis and has a "figure 8" shape suggesting a fold -core angle: 105 to CA at 387.0 ft: contact								
387.0	417.1	Porphyritic mafic intrusive Colour dark green, moderately soft, non-magnetic, non-calcitic. Massive, medium to coarse grained mafic porphyritic texture containing 15-20% dark green chloritic phenocrysts set against a light green aphanitic matrix. Trace calcitic veining. Trace wormy epidote veining/veinlets	37098	351.00	401.00	50.00	NIL			
			37099	401.00	406.00	5.00	NIL			
			37100	406.00	411.00	5.00	NIL			
			37101	411.00	417.10	6.10	NIL			
		M4-2 (387-396), M0 (396-417.1), C0, a0 (387-391), A2 (391-411), A4 (411-417.1)								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-65

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Chk ppb	Au opt	Chk opt

-no significant sulphides observed

417.1 ft EOH -Drillers rpt 419.9 ft

Logged on site
R. Pressacco May 1/03

NOTE: hole abandoned due to encountered
high water pressures and did not
test all targeted IP responses - rvz

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.15	-43.00+	
100.30	-43.00	
198.75	-41.20+	358.00+
297.20	-41.20	358.00

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66
Collar Eastings: 6267.58
Collar Northings: 1936.25
Collar Elevation: 7975.00
Grid: 2002 Imperial
Boyles 25 Dates: Apr.29-May 2/03

Collar Inclination: -55.00
Grid Bearing: 325.00
Final Depth: 799.00 feet
POWELL TP.; CLAIM: MR 5401 XL17+00NE,23+93NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: May 3, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	17.7	Casing all casing left in place								
17.7	31.0	Foliated mafic volcanic Colour dark green, hard, non-magnetic, variably calcitic. Moderately well developed foliated very fine grained to aphanitic texture. The foliation is defined by alignment of grey calcite and grey quartz bands & patches to 1cm in width. -core angle: 135 to CA at 29 ft: foliation M0, C0-6, A2, SIL 4? -weak pervasive ankerite alteration. The core is quite hard in places, suggesting silicification 3% diss fine grained subhedral pyrite throughout	37102 37103 37104	17.70 21.00 26.00	21.00 26.00 31.00	3.30 5.00 5.00	NIL 72 746			
31.0	35.2	Grey alteration zone Colour variable from dark green to light grey, moderately hard, non-magnetic, strongly calcitic. Massive to weakly foliated texture. Approximately 60% of the interval consists of grey calcite-pyrite and grey quartz-ankerite-pyrite alteration, with a few short sections of unaltered mafic volcanic. The 33.7-35.2 ft section contains abundant quartz-ankerite veining/stockworking reaching 0.1 ft in width. 1% diss and stringer black tourmaline	37105	31.00	35.20	4.20	14914		0.460	0.430

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		observed in the 33.7-35.3 ft section								
		C6, A0, M0, SER 2 -moderate patchy sericite alteration								
		7% diss fine to medium grained subhedral pyrite occurs in wall rock alteration envelopes to qtz-ank and grey calcite veining/bands								
35.2	69.0	Foliated mafic volcanic	37106	35.20	36.00	0.80	1505		0.042	
		Colour variable from medium green to light grey, very hard, non-	37107	36.00	41.00	5.00	310			
		magnetic, weakly calcitic. Well developed foliated aphanitic	37108	41.00	46.00	5.00	274			
		texture is defined by aligned bands and patches of grey calcite	37109	46.00	51.00	5.00	274			
		to 1-2cm in width. The interval contains a number of aphanitic	37110	51.00	56.00	5.00	36			
		grey siliceous bands to 0.5 ft in width. These bands have	37111	56.00	61.00	5.00	237			
		gradational contacts and have the appearance of siliceous	37112	61.00	66.00	5.00	1783		0.050	
		flooding. Trace -1% quartz-calcite veining	37113	66.00	69.00	3.00	22			
		-core angle: 135 to CA at 42 ft: foliation								
		M0, C2, A0 (35.2-42), A2 (42-52), A0 (57-69), SIL 4 (?)								
		3% diss & patchy fine grained subhedral pyrite. Pyrite can reach 5-7% over 0.5-1 ft locally in short sections of grey alteration								
69.0	69.8	Brown sericite-pyrite alteration zone	37114	69.00	69.80	0.80	86			
		Colour medium yellow-brown, hard, non-magnetic, strongly calcitic.								
		Well developed foliated texture is defined by alignment of quartz veinlets, chloritic stringers and sharp contacts. 10% quartz veinlets								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 145 to CA at 69.8 ft: contact								
		SER 6, C6, M0, A0								
		10% diss fine to very fine grained subhedral to anhedral pyrite								
69.8	77.9	Foliated mafic volcanic	37115	69.80	71.00	1.20	10			
		Colour dark green, moderately hard, non-magnetic, moderately	37116	71.00	76.00	5.00	NIL			
		calcitic. Well developed foliated aphanitic texture is defined	37117	76.00	77.90	1.90	9			
		by alignment of calcitic bands to 1cm in width								
		-core angle: 130 to CA at 76 ft: foliation								
		Trace diss very fine grained pyrite								
77.9	78.7	Grey quartz-pyrite vein	37118	77.90	78.70	0.80	51			
		Colour grey, very hard, containing 5% fine network of calcite-								
		filled hairline fractures. Sharp contacts parallel to foliation.								
		No wall rock alteration is noted								
		C2, A0, M0								
		7% diss very fine grained pyrite throughout the vein								
78.7	132.2	Foliated mafic volcanic	37119	78.70	81.00	2.30	2			
		Colour medium green-grey, moderately hard, generally	37120	81.00	86.00	5.00	9			
		non-magnetic, weakly to moderately calcitic. Well developed	37121	86.00	91.00	5.00	3			
		foliated texture containing abundant (15-20%) disseminated fine	37122	91.00	96.00	5.00	10			
		grained calcite grains throughout. 1% calcite-rich veinlets at	37123	96.00	99.20	3.20	21			
		all angles to CA	37124	99.20	100.20	1.00	360	360		
			37125	100.20	106.00	5.80	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0 (78.7-85), M2 (85-95), M0 (95-, C4 (78.7-101), C3 (101-116),	37126	106.00	111.00	5.00	3			
		C1 (116-, A0	37127	111.00	116.00	5.00	NIL			
			37128	116.00	121.00	5.00	NIL			
		-no significant pyrite observed. Locally 1% diss fine grained	37129	121.00	126.00	5.00	NIL			
		pyrite with quartz patches/bands	37130	126.00	130.00	4.00	NIL			
			37131	130.00	132.20	2.20	NIL			
		99.4-100.0 ft: quartz-calcite-sericite vein has irregularly shaped contacts, but is generally oriented along foliation -core angle: 125 to CA at 99.5 ft: vein SER 4 3% medium grained subhedral diss pyrite								
		A 0.1 ft wide milky quartz vein is noted at 107.0 ft to be oriented along foliation -no pyrite observed								
		A 0.3 ft wide section of massive, banded light grey calcite veining is noted at 121.8 ft. The vein is parallel to foliation -core angle: 125 to CA at 122 ft: vein - 3% fine-medium grained diss anhedral pyrite sits in wall rocks within 0.3 ft at the vein								
		1% diss & stringer black tourmaline is noted in the 126-131 ft section -core angle: 135 to CA at 127 ft: foliation								
132.2	157.0	Streaky basalt/grey zones	37132	132.20	136.00	3.80	NIL			
		Colour variable from dark green to light grey, hard to moderately	37133	136.00	141.00	5.00	NIL			
		hard, variably magnetic, weakly calcitic. Well developed	37134	141.00	146.00	5.00	NIL	NIL		

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		foliated, aphanitic texture is defined by alternating bands of dark green chloritic mafic volcanic, bands of quartz-calcite to 1cm in width, elongated "eye" shaped grains of quartz and calcite, bands of grey alteration, and sericitic bands to 0.1 ft. Overall, the grey & sericitic alteration accounts for approx. 30% of the interval, occurring mostly in the 145-150 ft section. A number of thin (2-3cm) quartz veins are present throughout, oriented parallel to foliation and approx. 1% abundance. 1% diss fine grained magnetite noted in the 145-150 ft section -core angle: 135 to CA at 141 ft: foliation	37135	146.00	151.00	5.00	26			
			37136	151.00	156.00	5.00	2			
		C2, M0-2, A2, SER 4								
		3% pyrite overall (locally 10% over 0.1 ft), typically associated with sericitic bands. Approx. 50% of the pyrite is as very fine grained disseminations with sericite-quartz veining/bands, the remainder is as medium grained disseminations and patchy euhedral grains								
151.0	227.1	Foliated mafic volcanic	37137	156.00	161.00	5.00	5			
		Colour dark green, moderately hard, weakly to non-magnetic (locally strongly magnetic over 5 ft), variably calcitic. Well developed foliated texture is defined principally by alignment of hairline chloritic veinlets (1-3mm) and by thin bands (5mm) of calcite.	37138	161.00	166.00	5.00	NIL			
			37139	166.00	171.00	5.00	10			
			37140	171.00	176.00	5.00	9			
			37141	176.00	181.00	5.00	3			
			37142	181.00	186.00	5.00	NIL			
		1-3% calcite-rich veinlets are at all angles to CA.	37143	186.00	191.00	5.00	NIL			
		-core angle: 135 to CA at 171 ft: foliation	37144	191.00	196.00	5.00	NIL			
		-core angle: 125 to CA at 216 ft: foliation	37145	196.00	201.00	5.00	3			
			37146	201.00	206.00	5.00	213	141		
		M0 (151-156), M4-6 (156-166), M0 (166-227.1), C2 (151-186),	37147	206.00	211.00	5.00	12			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		C6 (186-200), C2 (200-213), C4-6 (213-222), C2 (222-227.1),	37148	211.00	216.00	5.00	3			
		A2-0 (151-166), A0 (166-191), A2 (191-210), A0 (210-227.1)	37149	216.00	221.00	5.00	5			
			37150	221.00	226.00	5.00	3			
		Trace -1% diss fine-medium grained euhedral pyrite								
		187.3 ft: 0.2 ft wide quartz-chlorite vein is oriented at 80 to CA								
		189.6 ft: 0.3 ft wide calcite-magnetite-tournaline is oriented along foliation (140 to CA)								
		200.8-202.6 ft: cherty tuff interflow bed -core angle: 115 to CA at 202.6 ft: bedding -gradational lower contact over 3-5 ft, chosen as last appearance of chloritic stringers								
227.1	274.5	Massive/weakly foliated mafic volcanic Colour medium green, moderately hard, non-magnetic, non-calcitic. Massive to weakly foliated aphanitic texture. 3% calcite-rich veinlets are at all angles to CA. 1% epidote-calcite veinlets/bands and patches -core angle: 135 to CA at 271 ft: foliation								
		M2-0 (277.1-241), M6 (241-251), M0 (251-277.5), C0, A2 (271.1-251), M4 (251-266), A2 (266-274.5)								
		-no significant pyrite observed								
274.5	329.0	Black mafic volcanic	37151	274.50	280.00	5.50	NIL			
		Colour dark green to black, moderately hard to hard, weakly	37152	280.00	286.00	6.00	NIL			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		magnetic, variably calcitic. Weakly to moderately well developed	37153	286.00	291.00	5.00	NIL			
		foliated, aphanitic texture.	37154	291.00	296.00	5.00	NIL			
		This unit has been broken out as it has been observed in other	37155	296.00	301.00	5.00	2			
		drill holes in this area of the property and may be of use as a	37156	301.00	306.00	5.00	NIL			
		stratigraphic marker.	37157	306.00	311.00	5.00	NIL			
		A glomeroporphyritic texture is developed in the 282-288 ft	37158	311.00	316.00	5.00	2			
		section containing medium grained anhedral feldspar phenocrysts	37159	316.00	321.00	5.00	2			
		and patches. These grains have been epidotized and likely	37160	321.00	326.00	5.00	3			
		represent the coarse grained section of a mafic flow.	37161	326.00	329.00	3.00	14			
		5-7% stingers, bands and patches of epidote calcite are								
		oriented generally along foliation. 5-7% calcite-rich								
		veinlets/stockworking up to 2-3cm in width								
		-core angle: 125 to CA at 294 ft: foliation								
		-core angle: 20 to CA at 329 ft: contact								
		M0 (274.5-281), M2 (281-311), M6 (311-329), C0 (274.5-306),								
		C4-6 (306-316), C0 (316-379), A2-(4) (274.5-379)								
		1% diss & patchy fine-medium grained anhedral pyrite								
329.0	504.8	Diabase	37162	341.00	346.00	5.00	2			
		Colour dark grey, hard, strongly magnetic, non-calcitic. Massive	37163	346.00	351.00	5.00	5			
		fine-medium grained mafic porphyritic texture. Fine grained-very	37164	351.00	356.00	5.00	5			
		fine grained chill margin is developed within 4ft of upper								
		contact. Unit becomes very fine grained/aphanitic chilled within								
		5 ft of lower contact. Lower contact is gradational/diffuse over								
		5-10cm								
		M6, C0, A4								
		-moderate pervasive ankerite alteration throughout								

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite observed								
504.8	520.2	Weakly foliated mafic volcanic	37165	504.80	506.00	1.20	3	2		
		Colour medium green-grey, hard to moderately hard, generally non-	37166	506.00	511.00	5.00	29			
		magnetic, non-calcitic. Weakly foliated fine to very fine	37167	511.00	516.00	5.00	3			
		grained texture. 5-7% calcite-quartz stockwork veinlets to 1-2cm	37168	516.00	520.20	4.20	3			
		in width								
		M0 (504.8-516), M4 (516-520.2), C0, A2 (504.8-508),								
		A6 (508-520.2)								
		-strong pervasive ankerite alteration								
		Trace -1% diss very fine grained euhedral pyrite								
		505.3-505.8 ft: interval of silica flooding with patches/bands of sericite and epidote								
		525.0-525.7 ft: aphanitic diabase dyke (chilled) upper contact at 115 to CA, lower contact at 135 to CA								
		-core angle: 130 to CA at 573 ft: foliation								
520.2	537.7	Calcite-sericite-ankerite shear/fault zone	37169	520.20	526.00	5.80	7			
		Colour variable from light grey to light yellow-brown, moderately	37170	526.00	531.00	5.00	7			
		hard, non-magnetic, weakly to moderately calcitic. Well	37171	531.00	532.70	1.70	2			
		developed foliated texture is defined by alternating bands of	37172	532.70	536.00	3.30	2			
		sericite, calcite and ankeritized mafic volcanic. The bands vary								
		in thickness from hairline stringers to 0.1-0.2 ft in width. The								
		520.2-524 ft section contains four narrow intervals of clay fault								
		gouge to 5-10mm in width. These gouge zones are aligned along								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		the foliation. 1-3% quartz-calcite veinlets are oriented at 30-45 to CA, cross-cutting the foliation. The lower contact is gradational over 0.1-0.3 ft -core angle: 135 to CA at 526 ft: shearing -tourmaline is an estimated 1-3% in abundance, occurring as highly contorted/folded wormy threads (1-3mm) and as semi-massive bands with calcite veining M0, A2-(0), C2-4, SER 4-6 Trace diss fine grained anhedral pyrite								
532.7	577.6	Weakly foliated mafic volcanic Colour light green-grey, hard, non-magnetic, weakly calcitic. Massive to weakly foliated very fine grained to aphanitic texture. 5-7% calcite-quartz veinlets/stockworks and breccia veins are preferentially oriented at 41?-45 to CA. -core angle: 130 to CA at 577.6 ft: contact M0, C2, A2 (532.7-566), A4 (566-577.6) Trace diss fine grained euhedral pyrite	37173	536.00	541.00	5.00	NIL			
			37174	541.00	546.00	5.00	2			
			37175	546.00	551.00	5.00	2			
			37176	551.00	556.00	5.00	3			
			37177	556.00	561.00	5.00	NIL			
			37178	561.00	566.00	5.00	2			
			37179	566.00	571.00	5.00	NIL			
			37180	571.00	576.00	5.00	NIL			
			37181	576.00	577.60	1.60	NIL			
577.6	629.3	Leucoxenitic mafic intrusive Colour medium green, hard, moderately to strongly magnetic, non-calcitic. Massive to weakly foliated aphanitic to fine grained texture. 5-7% disseminated fine to medium grained leucoxene. 1-3% calcite-rich stringers at all angles to CA. 5-7% hairline epidote stringers of random angles to CA.								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-core angle: 135 to CA at 629.3 ft: contact								
		M0 (577.6-581), M2 (581-586), M6 (581-606), M4-2 (606-616), M0 (616-629.3), C0, A0 (577.6-586), A2 (586-626), A0 (626-629.3)								
		1% diss very fine grained subhedral pyrite								
629.3	645.9	Massive mafic volcanic	37182	631.00	636.00	5.00	NIL	NIL		
		Colour light green-grey, moderately hard, non-magnetic,	37183	636.00	641.00	5.00	NIL			
		non-calcitic.	37184	641.00	645.90	4.90	5			
		Massive to weakly foliated texture, containing 1-2 ft of flow breccia at 633 ft. 3-5% calcite-rich veinlets are oriented at 30-45 to CA								
		M0, C0, A0								
		Trace diss fine-medium grained euhedral pyrite								
645.9	659.5	Mafic tuff	37185	645.90	651.00	5.10	3			
		Colour dark green, moderately hard, non-magnetic, weakly	37186	651.00	656.00	5.00	2			
		calcitic.	37187	656.00	659.50	3.50	24	12		
		Weakly to moderately well developed bedded texture with interbedded mafic and cherty beds. Some sections of massive flows to 2-3 ft in width. 5-7% calcitic veins are at all angles to CA								
		-core angle: 155 to CA at 655 ft: bedding								
		C0 (645.9-649), C2 (649-659.5), A0, M0, SER 2								
		-weak sericitic lamellae along bedding planes								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1% very fine grained diss pyrite is associated with sericitic lamellae and occasional quartz injections parallel to bedding								
659.5	725.5	Weakly foliated mafic intrusive	37188	659.50	666.00	6.50	2			
		Colour medium green-grey, moderately hard, weakly to non-	37189	666.00	671.00	5.00	NIL			
		calcitic, strongly magnetic. Massive to weakly foliated fine to very fine grained texture. 5-7% calcite veinlets to 5mm are at all angles to CA. Minor to trace red-brown hematite is observed as vein wall lining in a calcite vein at 263 ft	37190	721.00	725.50	4.50	5			
		-core angle: 115 to cA at 725.5 ft: contact								
		M6 (659.5-709), M2-0 (709-725.5), C0 (659.5-681), C2 (681-696), C0 (696-716), C2 (716-725.5), A2 (659.5-725.5)								
		1% diss & patchy fine grained euhedral pyrite is observed within 10 ft of upper contact								
725.5	738.2	Mafic flow breccia	37191	725.50	731.00	5.50	NIL			
		Colour medium green, hard, non-magnetic, non-calcitic. Well	37192	731.00	736.00	5.00	NIL			
		developed fragmental texture with irregularly shaped fragments and shards of mafic volcanics grain supported in a dark green chloritic matrix. 5-7% quartz-calcite veinlets at all angles to CA.	37193	736.00	738.20	2.20	NIL			
		-core angles: 135 to CA at 738.2 ft: contact								
		M0, C0, A0								
		1% diss fine grained anhedral pyrite								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
738.2	742.0	Diabase Colour dark grey to black, moderately hard, moderately magnetic, non-calcitic. Massive very fine grained texture (chilled). 1% calcite veinlets to 5mm are oriented at about 45 to CA -core angle: 155 to CA at 742.0 ft: contact	37194	738.20	742.00	3.80	3			
742.0	761.3	Massive mafic flow Colour medium green, moderately soft, variably magnetic, non-calcitic. Massive very fine grained to aphanitic texture. 3-5% quartz-calcite veinlets to 1cm are oriented in a conjugate pattern at 30-45 to CA	37195	742.00	746.00	4.00	5			
			37196	746.00	750.00	4.00	2	NIL		
			37197	750.00	751.00	1.00	31			
			37198	751.00	756.00	5.00	NIL			
			37199	756.00	758.00	2.00	NIL			
			37200	758.00	760.00	2.00	NIL			
		M0 (742.3-746), M2-6 (746-756), M0 (756-761.3), C0, A2	37201	760.00	761.30	1.30	NIL			
		1% diss & patchy fine-medium grained anhedral pyrite								
		750.5 ft: 0.3 ft wide band of calcite-(quartz) flooding/veining								
		758.2-759.5 ft: section of calcite-magnetite veining. Approx. 50% of the section consists of veining. The magnetite sits as fine grained disseminations in the calcite and the largest vein reaches 0.5 ft in width								
		-core angle: 20 to CA at 761.3 ft: contact								
761.3	766.0	Diabase Colour dark grey to black, very fine grained, chilled texture. Trace-1% calcite veinlets -core angle: 40 to CA at 766.0 ft: contact	37202	761.30	766.00	4.70	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
766.0	799.0	Massive mafic flow	37203	766.00	771.00	5.00	NIL			
		Colour medium green, moderately hard, moderately magnetic, non-	37204	771.00	776.00	5.00	NIL			
		calcitic. Massive to weakly foliated aphanitic to very fine	37205	776.00	781.00	5.00	NIL			
		grained texture. 7-10% calcite veinlets to 1cm are present as	37206	781.00	786.00	5.00	NIL			
		stockworks and breccia textures.	37207	786.00	791.00	5.00	NIL			
			37208	791.00	795.40	4.40	NIL			
		M4, C0 (766-791), C2 (791-799), A2	37209	795.40	797.00	1.60	5			
			37210	797.00	799.00	2.00	2			
		1% patchy euhedral fine grained pyrite								
		795.4-797.0 ft: Diabase dyke								
		799.0 ft EOH -Drillers rpt 803.8 ft								
		Logged on site								
		R. Pressacco May 3/03								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
55.05	-55.70+	332.70+
110.10	-55.70	332.70
159.35	-54.80+	
208.60	-54.80	
257.80	-53.90+	331.60+

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-66

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
405.40	-53.20	330.60
553.05	-52.20+	331.70+
602.30	-52.20+	331.70+
651.50	-52.00+	331.70+
700.70	-52.00	331.70
749.90	-51.80+	
799.00	-51.80	

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67
Collar Eastings: 6309.73
Collar Northings: 2228.23
Collar Elevation: 7980.00
Grid: 2002 Imperial
Boyles 25 Dates: May 2-5/03

Collar Inclination: -65.00
Grid Bearing: 325.00
Final Depth: 847.00 feet
POWELL TP.; CLAIM: MR 5380 XL19+00NE,26+08NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Reno Pressacco
Date: May 6, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	7.4	Casing all casing left in place								
7.4	12.6	Streaky basalt Colour variable from dark green to light grey, moderately hard, weakly magnetic, strongly calcitic. Well developed foliated texture is defined by alignment of quartz-calcite-ankerite bands & patches and alignment of chloritic bands (1-3mm). 5-7% grey quartz-ankerite-calcite bands parallel to foliation -core angle: 140 to CA at 10 ft: foliation M2, C6, A2 1% diss very fine grained pyrite associated with quartz-ankerite-calcite veins and patches	37211	7.40	12.60	5.20	77			
12.6	36.2	Massive/weakly foliated mafic volcanic Colour medium green-grey, hard, weakly to strongly magnetic, weakly to moderately calcitic. Massive to weakly foliated aphanitic to very fine grained texture. 5-7% calcitic veinlets at all angles to CA. Gradational lower contact over 0.5-1.0 ft M2 (12.6-26), M6 (26-36.2), C6 (12.6-26), C2 (26-36.2), A2	37212	12.60	16.00	3.40	21			
			37213	16.00	21.00	5.00	NIL			
			37214	21.00	26.00	5.00	NIL			
			37215	26.00	31.00	5.00	9			
			37216	31.00	36.20	5.20	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1% diss very fine to fine grained euhedral pyrite associated with white calcite veinlets and quartz-calcite veinlets								
36.2	70.9	Plagoiclase porphyritic mafic intrusive Colour medium-dark green, hard, moderately to strongly magnetic, non-calcitic. Massive porphyritic texture containing abundant (30-50%) epidotized plagoiclase phenocrysts to 5mm in size. Trace -1% thin calcite-rich veinlets at all angles to CA. Abundance of plagioclase phenocrysts decreases downhle below 60 ft. Gradational lower contact M6 (36.2-53), M4 (53-70.9), C0 (36.2-66), C2 (66-70.9), A2 (36.2-56), A0 (56-70.9) Trace diss very fine grained pyrite associated with calcitic veinlets	37217	36.20	41.00	4.80	7			
70.9	143.2	Foliated mafic intrusive Colour dark green, moderately soft, weakly to non-magnetic, strongly calcitic. Moderately well developed foliated, fine grained texture is defined by alignment of chloritic grains and veinlets/stringers to 5mm wide. 3-5% calcite-chlorite-(quartz) veinlets are oriented at about 45 to CA. A 0.1 ft wide quartz-tourmaline vein is noted at 103.1 ft. Vein is oriented at 115 to CA -core angle: 140 to CA at 97 ft: foliation M4-2 (70.9-96), M0 (96-143.2), C2-4 (70.9-89), C6 (89-143.2), A0 (70.9-111), A4 (111-115), A2 (115-143.2)	37218	96.00	101.00	5.00	994			
			37219	101.00	106.00	5.00	NIL			
			37220	106.00	111.40	5.40	2			
			37221	111.40	113.00	1.60	5			
			37222	113.00	114.80	1.80	6926		0.212	
			37223	114.80	116.00	1.20	63			
			37224	116.00	121.00	5.00	17			
			37225	121.00	126.00	5.00	72			
			37226	126.00	131.90	5.90	3			
			37227	131.90	132.90	1.00	17			
			37228	132.90	137.80	4.90	5			
			37229	137.80	143.20	5.40	NIL			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		1% patchy fine grained euhedral pyrite								
		111.4-116.0 ft: incipient pervasive ankerite alteration. Approx. 30% of the interval consists of patches and bands of grey-brown ankerite-calcite oriented along foliation; -a 0.1 ft wide ankerite-pyrite-sericite vein is noted at 114.0 ft. vein is oriented at a high angle to CA and contains strongly developed ankerite-cc wall rock alteration envelopes. Trace chalcopyrite observed in a quartz patch at 113.3 ft. -core angle: 150 to CA at 135 ft: foliation -a 0.1 ft wide cc-pyrite vein oriented at a high angle to CA is noted at 121.3 ft -a 0.2 ft wide quartz-calcite-pyrite vein/band oriented along foliation is noted at 132.3 ft Gradational lower contact								
143.2	187.2	Foliated/sheared mafic volcanic	37230	143.20	145.00	1.80	2			
		Colour light green-grey, hard, non-magnetic, variably calcitic.	37231	145.00	146.50	1.50	5	NIL		
		Strongly developed foliated, aphanitic texture is defined by	37232	146.50	151.00	4.50	3			
		alignment of sericitic stringers (1-3mm), calcite bands to 5-7mm	37233	151.00	156.00	5.00	NIL			
		and chloritic protolith. Thin (1mm) tourmaline stringers and	37234	156.00	161.00	5.00	2			
		threads are commonly oriented along the foliation, overall	37235	161.00	166.00	5.00	NIL			
		abundance estimated at 1%.	37236	166.00	171.00	5.00	3			
		3% calcite-rich veinlets/patches to 1cm are oriented at all	37237	171.00	176.00	5.00	5			
		angles to CA.	37238	176.00	181.00	5.00	NIL	2		
		-core angle: 140 to CA at 154 ft: foliation	37239	181.00	186.00	5.00	2			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		M0, C4 (143.2-168), C0 (168-187.2), A2 (143.2-187.2), SER 2 -weak sericite stringers oriented along foliation								
		-no significant pyrite observed								
		145.4-146.2 ft: 50% quartz-calcite-sericite-pyrite-tourmaline veining/patchwork is generally oriented along foliation C6, SER 6 10% diss fine grained anhedral pyrite								
187.2	348.9	Diabase	37240	216.00	221.00	5.00	NIL			
		Colour dark grey, moderately magnetic, non-calcitic.	37241	221.00	226.00	5.00	NIL			
		Massive mafic porphyritic fine to medium grained texture. Upper	37242	226.00	231.00	5.00	9			
		contact observed in a 1-2 ft long section of broken core.								
		5-10mm of clay fault gouge observed at 187.5 ft								
		-core angle: 140 to CA at 187.5 ft: gouge								
		-lower contact observed in a short section of broken core								
		M4, C0, A2								
348.9	401.6	Pillowed (magnetite) mafic volcanic	37243	348.90	352.50	3.60	69			
		Colour black, very hard, strongly magnetic, non-calcitic.	37244	352.50	356.00	3.50	12	14		
		Moderately well foliated texture is defined by alignment of	37245	356.00	361.00	5.00	9			
		epidote stringers and patches. Well developed pillow selvages	37246	361.00	366.00	5.00	2			
		are observed. The pillow cores are dark grey to black with	37247	366.00	371.00	5.00	2			
		magnetite sitting in the place of chloritic hyaloclastite.	37248	371.00	376.00	5.00	NIL			
		Overall magnetite abundance estimated at 50%. The pillows are on	37249	376.00	381.00	5.00	5			
		the order of 2-3 ft in width.	37250	381.00	386.00	5.00	NIL			
		Epidote-calcite veins, patches, bands and stringers is common in	37251	386.00	391.00	5.00	5			
		the section, overall abundance estimated at 25%. For the most	37252	391.00	396.00	5.00	2			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		part the epidote-cc veins are oriented along and define the foliation. The epidote seems to be preferentially developed in the pillow cores. 1% calcite-rich veinlets to 5-10mmare oriented at 45 to CA, cross-cutting foliation -core angle: 135 to CA at 371 ft: foliation -core angle: 135 to CA at 401.6 ft: contact EPI 4, C0, M6 A4-6 1% diss fine grained euhedral pyrite staining a spatial association with epidote stringers, bands and patches	37253	396.00	401.60	5.60	3			
401.6	413.7	Foliated mafic volcanics Colour dark grey-green, moderately hard, non-magnetic, non-calcitic to weakly calcitic. Moderately well foliated texture is defined by a general alignment of lighter and darker bands and alignment of pyrite grains. Abundant epidote stringers/stockworks centered about a 0.4 ft section of massive epidote at 407.0 ft. Overall epidote abundance estimated at 10%. An orange-coloured material is present, showing an association with epidote and occurring as irregular patches.(Estimate 3-5% abundance) -core angle: 165 to CA at 413.7 ft: contact? EPI 4, M0, A4-2, C0-2 3% diss very fine grained subhedral pyrite throughout	37254	401.60	406.00	4.40	2			
			37255	406.00	411.00	5.00	142			
			37256	411.00	413.70	2.70	177			
413.7	416.2	Grey alteration zone + quartz vein Colour medium to light grey, very hard, non-magnetic,	37257	413.70	416.20	2.50	4937		0.150	

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		non-calcitic. Massive aphanitic texture. The grey altered material responds only weakly to ankerite stain and not at all to HC1. It is very hard, suspect that this is a silica-albite mineralization (cryptocrystaline). Upper contact is gradational and very faint, but an alteration front can be vaguely seen. A 0.5 ft wide milky quartz vein is present at 415.6-416.1 ft and is oriented at 50 to CA. Trace epidote veinlets								
		Ab/Sil 6, A2, C0, M0								
		15-20% fine-medium grained subhedral pyrite is dispersed throughout the grey alteration material								
416.2	620.5	Weakly foliated mafic volcanics	37258	416.20	418.00	1.80	240			
		Colour dark gren, moderately hard, variably magnetic, strongly	37259	418.00	421.00	3.00	26			
		calcitic. Massive to weakly foliated very fine grained to	37260	421.00	426.00	5.00	9			
		aphanitic texture. 5-7% calcite-rich veinlets, patches and	37261	426.00	431.00	5.00	NIL			
		stockworking. 5% thin magnetite stringers noted in the 349-351	37262	431.00	436.00	5.00	3			
		ft section	37263	436.00	441.00	5.00	2			
		-core angle: 130 to cA at 439 ft: foliation	37264	441.00	446.00	5.00	3	7		
		-0.2 ft wide quartz-chlorite vein located at 518.5 ft. Vein is	37265	446.00	451.00	5.00	3			
		oriented at 125 to CA.	37266	451.00	456.00	5.00	2			
		-core angle: 150 to CA at 620.5 ft: contact	37267	511.00	516.00	5.00	NIL			
		-a 0.7 ft wide quartz-epidote-feldspar(?)? vein is noted at 610.9	37268	516.00	517.10	1.10	NIL			
		ft.	37269	517.10	518.10	1.00	NIL			
		Irregular contacts at times sub-parallel to CA	37270	518.10	521.00	2.90	NIL			
			37271	521.00	526.00	5.00	NIL			
		M0 (416.2-446), M2-4 (446-476), M6 (476-, C2 (416.2-421),C6 (421-	37272	586.00	591.00	5.00	NIL			
		486), C2-4 (486-576), C0 (516-, A0 (416.7-441), A2 (441-475), A0	37273	591.00	596.00	5.00	NIL			
		(475-525), A2 (525-536), A0 (536-546), A2 (546-	37274	596.00	601.00	5.00	NIL			

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			37275	601.00	606.00	5.00	NIL			
		Trace diss & patchy fine grained euhedral pyrite	37276	606.00	610.50	4.50	NIL			
		Trace -1% diss fine grained chalcopyrite observed in a foliation-	37277	610.50	612.00	1.50	NIL			
		parallel calcite-quartz veinlet at 596.5 ft	37278	612.00	616.00	4.00	NIL			
			37279	616.00	620.50	4.50	NIL			
620.5	625.2	Semi-massive magnetite/mafic volcanic breccia	37280	620.50	625.20	4.70	NIL	NIL		
		Colour black to dark green, moderately hard, moderately magnetic, weakly calcitic. Well bedded textureis defined by inclusive/fragments of mafic volcanic separated by beds/intervals of massive magnetite. Magnetite abundance estimated at 75% for the interval. 5-7% calcite veining/stockworking at all angles to CA.								
		-core angle: 140 to CA at 623 ft: bedding								
		M4, C2, A0								
		-no significant pyrite observed								
625.2	646.6	Foliated mafic volcanics	37281	625.20	631.00	5.80	2			
		Colour medium green-yellow, moderately soft, moderately magnetic,	37282	631.00	636.00	5.00	2			
		non-calcitic. Weakly to moderately well developed foliated very	37283	636.00	641.00	5.00	NIL			
		fine grained to aphanitic texture is defined by alignment of thin chloritic stringers and calcitic bands/patches.	37284	641.00	646.60	5.60	2			
		10-15% calcite-rich stockworking and bands to 0.2 ft in width. A 0.8 ft wide section of broken and blocky core is noted at 638 ft.								
		M4, C0, A2								
		-no significant pyrite observed								

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DIAMOND DRILL LOG

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HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
646.6	651.4	Mafic tuff Colour light green, hard, non-magnetic, non-calcitic. Well developed bedded texture defined by alternating beds of darker green and light yellow green material. Composition of the tuff seems to become intermediate to felsic downhole, judging by the colour. 1-3% thin, irregular calcite-rich veinlets are oriented both along the bedding and at 45 to CA. -core angle: 135 to CA at 648 ft: bedding M0, C0, A2 -no significant sulphides observed	37285	646.60	651.40	4.80	14			
651.4	716.3	Weakly foliated mafic volcanics Colour medium green-yellow, moderately soft, non-magnetic, variably calcitic. Weakly foliated very fine grained texture is defined by alignment of darker green chloritic streaks and grains along with aligned bands/stringers and wisps of calcitic material. 7-10% calcite-rich veinlets to 1cm occur as discrete veins, patches, bands, and weakly developed breccia textures. -core angle: 140 to CA at 673 ft: foliation M0 (651.4-716.3), C4-6 (651.4-671), C0 (671-681), ;C2 (681-701), C0 (701-716.3), A0 (651.4-671), A4 (671-686), A2 (686-701), A4 (701-711), A6 (711-716.3) Generally no significant pyrite mineralization. 1-3% medium-coarse grained diss anhedral pyrite observed in the 670-676 ft section	37286	651.40	656.00	4.60	NIL			
			37287	656.00	661.00	5.00	NIL			
			37288	661.00	666.00	5.00	NIL			
			37289	666.00	670.00	4.00	NIL			
			37290	670.00	676.00	6.00	NIL			
			37291	676.00	681.00	5.00	2			
			37292	681.00	686.00	5.00	NIL			
			37293	686.00	691.00	5.00	10			
			37294	691.00	696.00	5.00	NIL			
			37295	696.00	701.00	5.00	NIL			
			37296	701.00	706.00	5.00	5			
			37297	706.00	711.00	5.00	9			
			37298	711.00	716.30	5.30	7			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		686.0-716.3 ft: 1% very fine grained diss pyrite occurs in stringers and in wall rock to some very thin calcite-quartz veinlets. These cc-qtz-py stringers show no preferred orientation to CA								
716.3	720.3	Quartz porphyry dyke	37299	716.30	718.70	2.40	NIL			
		Colour variable from light yellow-brown to pink, very hard, non-magnetic, non-calcitic. Massive to weakly foliated aphanitic texture containing 1% fine grained rounded to squarish quartz phenocrysts	37300	718.70	720.30	1.60	46			
		M0, C0, A0								
		7-10% chloritic stringers/stockworking (0.1-1mm)								
		Generally no pyrite with the main part of the dyke								
		718.8-720.3 ft: zone of silicification and quartz veining. Approx. 0.5-0.6 ft of this interval consists of quartz-ankerite-calcite veining/breccia with a pinkish colour imparted to the wall rock of the vein and to the wall rock xenoliths on the vein. Irregular contacts Trace -1% patchy & stringer chloritic veinlets in the vein. Chlorite dark green to black. 3% diss & patchy medium grained euhedral pyrite is associated with the quartz breccia									
		Sharp upper and lower contacts of the dyke at high angles to CA -core angle: 105 to CA at 716.3 ft: contact -core angle: 100 to CA at 720.3 ft: contact								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
720.3	726.9	Strongly ankeritized mafic volcanics (pervasive) Colour cream, moderately soft, non-magnetic, non-calcitic. Weakly foliated, spotty texture is defined by alignment of ankerite grains and groundmass and relic protolith grains. Trace calcite veinlets. Gradational lower contact over 0.2-0.3 ft -core angle: 125 to CA at 729 ft: foliation M0, A6, C0 -strong pervasive ankerite alteration. A pink coloured alteration (k-spar?) Is present in the 725-726 ft section. This pink material sits as groundmass similar to the ankerite 1% diss fine grained anhedral pyrite sits with the pink alteration at 725-726 ft. No sulphides in the remainder of the ankerite alteration. 3% diss fine grained magnetite in the pink altered section. A 5mm wide quartz veinlet at 725.5 ft contains 50% medium grained euhedral pyrite	37301	720.30	722.00	1.70	81	91		
			37302	722.00	726.90	4.90	NIL			
726.9	762.7	Disseminated ankeritized mafic volcanic Colour medium green, moderately hard, weakly to moderately magnetic, non-calcitic. Massive to weakly foliated, fine grained spotty texture is defined by the presence of 20-30% fine grained disseminated ankerite grains. 5-7% quartz-ankerite-chlorite-(sericite?) Occurs as thin, wormy/wavy shaped veinlets (5mm) and as discontinuous patches to 2-3cm in size. The quartz usually sits medial to the veins and patches with ankerite sitting along the vein walls. Chlorite sits outside the ankerite. Possible trace sericite occurs with these veinlets & patches as well. Trace -1% later calcite veinlets to 1cm at all angles to CA. The	37303	726.90	731.00	4.10	NIL			
			37304	731.00	736.00	5.00	NIL			
			37305	736.00	741.00	5.00	NIL			
			37306	741.00	746.00	5.00	NIL			
			37307	746.00	751.00	5.00	NIL			
			37308	751.00	756.00	5.00	2			
			37309	756.00	761.00	5.00	NIL			
			37310	761.00	762.70	1.70	19			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		qtz-ank veinlets/patches show no preferred orinetation to CA. In general the abundance/frequency and size of these qtz-ank veins & patches increases towards the mineralized interval. Trace banded tourmaline (1-3mm) is observed in a thin qtz-ank veinlet at 732.8 ft								
		A5, C0-C1, M2 (local M4/5 ft)								
		-no significant pyrite observed								
		5-7% diss & stringer magnetite (95% diss, 5% stringer) is observed in the 761.5-762.7 ft section. The magnetite is fine grained and anhedral. Textural relationships with the following mineralized interval suggest that the magnetite-ankerite mineralization is overprinted by the grey zone alteration and this is paragenetically earlier								
762.7	788.0	Mineralized interval (grey zone)	37311	762.70	764.20	1.50	3257			
		Colour variable from light grey-brown to light yellow-green to	37312	764.20	769.10	4.90	41			
		light yellow-brown, very hard, non-magnetic, non-calcitic.	37313	769.10	771.60	2.50	1646			
		Massive brecciated and foliated textures are all present,	37314	771.60	774.50	2.90	1851		0.050	
		depending on local style of alteration and mineralization. In	37315	774.50	777.40	2.90	1102			
		general terms the interval breaks out into four (4) sections	37316	777.40	780.30	2.90	842	883		
		described in detail below:	37317	780.30	782.10	1.80	2263			
			37318	782.10	784.40	2.30	1954			
		762.7-764.2 ft: grey alteration zone. Massive aphanitic texture containing abundant pyrite. 15-20% quartz-ankerite veining and patches. The veins are to 0.1 ft in width and are irregular in shape. The quartz is milky to translucent A6, C0, M0	37319	784.40	788.00	3.60	1920			

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HOLE No.: M03-67

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		20% pyrite sitting mostly as fine to very fine grained disseminated anhedral pyrite. Some (ABOUT 1%) of the pyrite sits as medium grained euhedral crystals in the qtz-ank veins & patches								
		764.2-769.1 ft: ankerite-sericite altered section. Colour light yellow brown, massive to weakly foliated texture. Foliation varies from 0-30 to CA. Approx. Distribution is 70% ankerite-30% sericite (using ankerite stain). The 764.2-766.4 ft section contains 5-7% diss fine grained magnetite. A 2cm wide massive tourmaline band is noted at 766.3 ft to be oriented at ~170 to CA and is terminated by a sharp alteration front(?) At 766.4 ft. This alteration front (ser-ank against Ser-ank) is oriented at 40 to CA -5% diss fine grained magnetite is again present in the 768.0-769.1 ft section. Gradational lower contact over 2-3cm A6, SER 4-6, C0, M0 -no significant pyrite observed								
		769.1-782.1 ft: grey alteration zone. Basically, this interval consists of a mixture of massive grey alteration, quartz veining and patches and pyrite. Overall quartz abundance estimated at 15-20% and the quartz colour varies from milky white to light grey/translucent. Overall a massive texture, but a banded texture is present in the 780.2-782.7 ft section in an interval of weaker quartz veining. -core angle: 130 to CA at 781.0 ft: foliation A brecciated/fragmental texture is developed in the 781-								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

782.7 ft section where fragments of grey alteration are cemented together by a silica and chlorite-pyrite assemblage
C0, A6, M0
Trace -1% banded sericite in the 780.2-787.1 ft. Trace chlorite stringers and patches
10-15% pyrite overall. Pyrite occurs mostly as disseminated grains both in the grey alteration and in the quartz veins/patches (mostly in the grey alteration). The pyrite is mostly very fine grained and euhedral, but some local sections can contain medium-grained subhedral-euhedral diss grains. Pyrite shows no difference in grain size between the quartz veins and grey alteration

782.1-788.0 ft: mixed grey alteration and altered mafic volcanic
This section is a transitional interval between the massive grey alteration above and unmineralized mafic volcanic. This interval Consists of alternating sections of grey alteration/quartz-ankerite veining and ankeritized mafic volcanic. These sections range in width up to 2 ft in length. Overall estimate 50% of the interval is grey zone/quartz veining and 50% altered mafic volcanics. A block depth error is noted at 236m (774.3 ft). The 239m block (784.1) has been placed 0.3 ft away from the 236m block. Depths downhole used for the logging have been carried by measurement down from the collar
-core angle: 125 to CA at 788.0 ft: foliation
C2, A4, M0
10% pyrite is present overall, reaching 15-20% locally. Pyrite is mostly diss very fine to fine grained anhedral-subhedral, but occasional coarse grained anhedral patchy

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		pyrite is observed. Pyrite Shows no real preference for the grey zones or the mafic volcanic sections. 1% diss magnetite observed 787-788 ft								
788.0	814.6	foliated mafic volcanic	37320	788.00	791.00	3.00	21			
		Colour dark green, moderately soft, non-magnetic, moderately	37321	791.00	796.00	5.00	9			
		calcitic. Strongly foliated aphanitic texture is defined by	37322	796.00	801.00	5.00	NIL			
		alignment of thin calcite-rich lamellae, thin chloritic lamellae	37323	801.00	806.00	5.00	3			
		and streaks, and ankerite veinlets/stringers.	37324	806.00	811.00	5.00	NIL			
		5-7% calcite veinlets & patches	37325	811.00	814.60	3.60	NIL			
		-core angle: 125 to CA at 798 ft: foliation								
		-gradational lower contact over 1-2cm								
		M0, C2-4 (788.0-801), C3 (801-814.6), A0-2 (788.0-801), A4 (801-809), A0 (809-814.6)								
		-no significant pyrite observed								
814.6	822.0	Ankeritized mafic volcanics	37326	814.60	815.40	0.80	NIL			
		Colour light yellow-grey, moderately hard, weakly to non-	37327	815.40	817.20	1.80	86	139		
		magnetic, non-calcitic. Well developed foliated texture is	37328	817.20	822.00	4.80	NIL			
		defined by alternating bands and lamellae of cream coloured ankerite-(sericite?) and chloritic protolith. Trace calcite-rich veinlets.								
		M0, C0, A6								
		-strong pervasive ankerite alteration, but containing 3-5% thin (1-3mm) ankerite-quartz veinlets, streaks and patches. Quartz often sits in an medial position in these veinlets								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Trace diss fine grained anhedral pyrite. Rare fine grained diss chalcopyrite observed								
		815.5-817 ft: Contains an estimated 20% quartz-ankerite-tourmaline veining. The veins are to 0.1 ft in width and are oriented at all angles to CA. The intervening wall rock fragments appear to have been altered to talc, as they are a very pale translucent green in colour and are very soft. -core angle: 120 to CA at 818 ft: foliation								
		1-3% diss very fine grained anhedral pyrite in this quartz-ank-tour veined zone								
		821.7 ft: healed fault zone. This is a very narrow (5-7mm) of small fragments that are grain supported ina calcite matrix. The fragments are 5-10cm in size and show a chaotic rotation pattern. This fault zone abruptly truncates the ankerite foliation and juxtaposes a short 3" section of foliated chloritic material at a high angle (0 to CA)against the ankerite foliation -core angle: 30 to cA at 821.7 ft: fault								
		-core angle: 135 to CA at 827.0 ft: contact NOTE: this contact is rotated 90 to the ankerite foliation								
822.0	823.0	Diabase Colour black, soft, non-magnetic. Aphanitic massive, chilled texture -core angle: 50 to CA at 823.0 ft: contact NOTE: contact cross-cuts foliation	37329	822.00	823.00	1.00	NIL			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
823.0	825.1	Calcite-altered mafic volcanic Colour light grey-green, very hard, weakly magnetic, strongly calcitic. Well developed foliated (sheared?) Texture is defined by alternating bands/lamellae of dark grey calcitic, medium green chloritic and light yellow-brown sericitic material. The lamellae are on the order of 1-3mm in thickness. 3-5% diss very fine grained magnetite throughout. Sharp lower contact -core angle: 120 to CA at 825.1 ft: contact M2, C6, A2-0 1-3% diss very fine grained anhedral pyrite, increasing in abundance downhole	37330	823.00	825.10	2.10	NIL			
825.1	826.1	Grey calcite-pyrite zone Colour medium grey, very hard, strongly calcitic, mon-magnetic. Massive to weakly foliated texture is defined by a weak alignment of calcite lamellae and occasional alignment of pyrite grains/stringers. Trace quartz veinlets & patches to 1cm? Sharp lower contact -core angle: 125 to CA at 826.1 ft: contact M0, C6, A2 15-20% diss fine to medium grained anhedral pyrite	37331	825.10	826.10	1.00	1851		0.052	
826.1	833.1	Quartz-feldspar(?) porphyry dyke Colour light to medium pink, very hard, mon-magnetic,	37332	826.10	830.80	4.70	67			
			37333	830.80	831.90	1.10	58			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		non-calcitic. Massive to weakly foliated medium grained porphyritic texture containing abundant (30-50%) quartz and feldspar(?) phenocrysts set in a glassy, aphanitic matrix. A 0.1 ft wide milky quartz-chlorite vein oriented at 30 to CA is noted at 830 ft. C0, M0, A0 Trace -1% diss very fine grained anhedral pyrite 830.8-831.9 ft: xenolith of calcite-ankerite-sericite altered mafic volcanic. Strongly foliated parallel to contacts -core angle: 130 to CA at 833.1 ft: contact 1% fine grained anhedral pyrite oriented along foliation planes	37334	831.90	833.10	1.20	5			
833.1	840.9	Ankeritized mafic volcanic Colour dark green to medium grey to light brown, variable hardness, variably magnetic, non-calcitic. Well developed foliated texture is defined by alignment of ankerite and chloritic bands. 5-7% ankerite-quartz veinlets to 1-3mm and patches to 1cm -core angle: 140 to CA at 836.0 ft: foliation M6 (833.1-836.9), A6 (833.1-836.9), A5 (836.9-840.9), C0, -strong pervasive ankerite alteration (833.1-836.9) changing to fine-medium grained diss ankerite alteration (WAC) 836.9-840.9 ft	37335	833.10	836.90	3.80	657	552		
			37336	836.90	840.90	4.00	5			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite observed 3-5% diss & stringer magnetite 833.1-836.9 ft 840.9 ft EOH -Drillers rpt 853.0ft, including block error at 236m Hole broke into an opening at 840.9 ft. Drillers report meeting solid after lowering the rods 7 ft. Plotting of the drill hole trace suggests intersected shaft near 6 level. Hole left unplugged. Logged on site R. Pressacco May 6/03								

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.25	-64.20+	329.60+
90.50	-64.20	329.60
139.70	-62.40+	326.20+
188.90	-62.40	326.20
243.05	-62.70+	328.80+
297.20	-62.70	328.80

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DEPTH	INCLINATION	BEARING
385.80	-62.40	
435.00	-62.00+	
484.20	-62.00	
538.30	-60.70+	325.80+
592.40	-60.70	325.80
636.70	-60.00+	324.40+
681.00	-60.00	324.40

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DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68
Collar Eastings: 6468.48
Collar Northings: 2346.71
Collar Elevation: 7965.00
Grid: 2002 Imperial
Boyles 25 Dates: May 5-9/03

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 711.80 feet
POWELL TP.; CLAIM: MR 5380 XL21+00NE,26+12NWBQ Core by Heath & Sherwood (1986)
MCM Grid North = 325YD; core stored on site

Logged by: Pressacco & Zalnieriunas
Date: May 12, 2003
Down-hole Survey: Reflex EZ-SHOT

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
0.0	22.8	OB and Casing Casing reamed down to 12m (39.4ft) after drillers report hitting a 2.5 foot wide sand seam at 11m (33 ft). All casing left in place. Suspect that this sand seam may be either a longitudinal fault, or a NNE cross fault. A cross fault is suspected due to anomalously deep casings in holes M03-39, 48(?) and others in this area. Strong section of blocky core was encountered by hole M03-048.								
22.8	32.8	Streaky basalt Colour light to medium green, moderately soft, non-magnetic, strongly calcitic. Well developed foliated texture is defined by alignment of calcite-rich bands to 2-3cm in width. 1% calcite-rich veinlets. Blocky core -core angle: 125 to CA at 26 ft: foliation M0, C6, A2 -no significant pyrite noted 26.6 ft: 0.3 ft wide quartz-pyrite-molybdenum(?) vein is oriented at 130 to CA, essentially parallel to foliation. Trace -1%	37337	22.80	26.00	3.20	NIL			
			37338	26.00	27.20	1.20	87	79		
			37339	27.20	30.50	3.30	33			
			37340	30.50	31.80	1.30	33			
			37341	31.80	32.80	1.00	165	240		

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DIAMOND DRILL LOG

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HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		of a very fine grained grey mineral is included in the vein quartz. Trace -1% diss fine grained tourmaline -SER 2, weak sericite alteration along vein walls 1-3% diss very fine grained subhedral pyrite is located along the vein walls and 3-5cm into the wall rocks.								
		30.7-31.3 ft: quartz-pyrite-chlorite vein is oriented at 125 to CA, parallel to foliation. Trace grey molybdenum observed in the vein quartz. SER 2, weak sericite alteration along vein walls 1-3% very fine grained diss subhedral pyrite is present in parts of the vein, but mostly in the wall rocks								
		32.4 ft: 0.4 ft wide ankerite-quartz-sericite vein is oriented at 135 to CA, parallel to foliation								
32.8	66.1	Foliated mafic volcanic	37342	41.00	46.00	5.00	21			
		Colour medium green, moderately soft, non-magnetic, variably	37343	46.00	51.00	5.00	14	10		
		calcitic. Moderately well developed foliated texture is defined	37344	51.00	56.00	5.00	2			
		by alignment of calcitic grains and bands. 4-5 ft of lost core	37345	56.00	61.00	5.00	7			
		is noted at 36.1 feet. Section of broken and rubbly core	37346	61.00	66.10	5.10	2			
		containing granitic clasts/pebbles noted at 47 ft. Possible second sand seam. 5mm of clay fault gouge noted at 49.0 ft. Gouge is oriented parallel to the foliation. -core angle: 125 to CA at 49 ft: fault gouge -a 1 ft section of very soft, dark green to black material is noted at 51 ft. Possible hyaloclastite or ultramafic (??)								
		C2 (32.8-46), C0 (46-61), C2-C1 (61-66), M0, A2 (32.8-66.1)								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		-no significant pyrite observed								
66.1	74.1	Streaky basalt	37347	66.10	69.90	3.80	5			
		Colour variable from medium green to white, moderately soft, non-magnetic, strongly calcitic. Well developed foliated texture is defined by alternating bands of patchy calcite and chloritic pyrite volcanics. 3-5% foliation-parallel calcite-rich veins to 2cm in width	37348	69.90	74.10	4.20	3			
		-core angle: 115 to CA at 69 ft: foliation								
		M0, A0, C6								
		-no significant pyrite observed								
74.1	89.3	Foliated mafic volcanic	37349	74.10	76.00	1.90	2			
		Colour medium green, moderately soft, non-magnetic, strongly	37350	76.00	81.00	5.00	2			
		calcitic. Well defined foliated texture is defined by alignment	37351	81.00	86.00	5.00	NIL			
		of 1-3mm wide chloritic veinlets/stringers. 1-3% calcite-rich	37352	86.00	88.20	2.20	7			
		veinlets at all angles to CA.	37353	88.20	89.30	1.10	NIL			
		M0, C6, A0								
		-no significant pyrite noted								
		88.2-89.3 ft: interval containing 30-50% calcite flooding. Calcite is mostly white in colour, but about 25% is a light grey colour. 3% diss very fine grained pyrite								
89.3	156.2	Mafic intrusive	37354	89.30	91.00	1.70	9			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		Colour medium green, moderately soft, variably magnetic, generally non-calcitic. Massive to weakly foliated fine grained texture. 3-5% calcite-rich veinlets are oriented at all angels to CA. 7-10% diss fine grained magnetite is commonly observed in the magnetic intervals -core angle: 130 to CA at 116 ft: foliation M0 (89.3-121), M6 (121-136), M2 (136-156.2), C4=6 (89.3-101), C2 (101-111), C0 (111-156.2), A0 (89.3-111), A2 (111-126), A4 (126-141), A2 (141-156.2) -no significant pyrite observed	37355	91.00	96.00	5.00	NIL			
			37356	151.00	156.00	5.00	NIL			
156.2	189.8	Mafic volcanic flows Colour medium green, moderately soft, variably magnetic, non-calcitic. Massive to weakly foliated fine grained texture. Flow contacts and weakly developed pillow/flow breccia observed in the 163-166 ft section, with dark green hyaloclastite marking the interflow locations. 7-10% epidote hairline stringers are present at all angles to CA and increase in intensity downhole. Trace -1% calcite-rich stringers/veinlets. Sharp lower contact -core angle: 60 to CA at 189.8 ft: contact M0-2 (156.2-166), M6 (166-176), M4 (176-186), M2 (186-189.8), C0, A2-4 (156.2-189.8), EPI 6 (171-189.3) -no significant pyrite observed A 0.3 ft section of grey calcite containing 10% very fine grained anhedral pyrite is present at 160.7 ft and is oriented at 150 to	37357	156.00	160.50	4.50	3			
			37358	160.50	161.50	1.00	12			
			37359	161.50	166.00	4.50	5	2		
			37360	166.00	171.00	5.00	5			
			37361	171.00	176.00	5.00	3			
			37362	176.00	181.00	5.00	9			
			37363	181.00	186.00	5.00	NIL			
			37364	186.00	189.80	3.80	3			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		CA								
189.3	203.3	Magnetite pillowed volcanics	37365	189.80	196.00	6.20	NIL			
		Colour variable from light yellow green to black, very hard,	37366	196.00	201.00	5.00	2			
		strongly magnetic, non-calcitic. Well developed pillowed texture	37367	201.00	203.30	2.30	3			
		with epidote-altered and black pillow cores separated by massive								
		magnetite. Approx. 50% of the interval consist of semi-massive								
		to massive magnetite. Trace calcite-rich veinlets.								
		Lower contact is very difficult to observe as black magnetite is								
		in contact with black chilled diabase. Lower contact is								
		subjectively chosen as last appearance of significant epidote								
		M6, C0, A2, EPI 4								
		Trace patchy fine grained euhedral pyrite								
203.3	248.1	Dusty magnetite altered volcanic (4mvo mag)	37368	203.30	216.00	12.70	5			
		Colour dark grey, strongly magnetic, very hard, non-calcitic.	37369	216.00	221.00	5.00	10			
		Massive to weakly foliated fine grained texture. Core is quite	37370	221.00	226.00	5.00	5			
		blocky with overall RQD estimated at 75% for the 203.3-230.8 ft	37371	226.00	231.00	5.00	5			
		interval. 1-3% calcite-rich veinlets. Trace to 1% epidote	37372	231.00	235.10	4.10	NIL			
		veinlets to 1-2cm in width	37373	236.20	240.00	3.80	5			
			37374	240.00	245.00	5.00	NIL			
		M6 (203.3-235.1, M4 (235.1-248.1) C0 (203-248.1, A2-4 (203.3-	37375	245.00	248.10	3.10	10			
		-no significant pyrite observed								
		235.1-236.2: GND & LOST CORE								
		223.0: fol'n = 65dca; grades into								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		223.0-248.1: fg massive wkly frac'd dk grey highly dusty magnetite alt'd volcanic with minor i/c irreg flamed pale green wkly epid (mag 0) stringers & bnds throughout								
		BC on 0.4ft epid alt'n bnd, CA = 38dca rot'd about 30 clockwise								
248.1	348.0	Diabase (5)	37376	248.10	253.10	5.00	62	79		
		Med grey, massive diabase intrusive, margins chilled, center of	37377	338.10	343.10	5.00	9			
		sill more coarse grained, locally bleached/silic-epid alt'd with	37378	343.10	348.00	4.90	NIL			
		occ wk spotty hem alt'n bnds & patches throughout								
		A4, C1 as trace strs, M2-1 overall								
		-no significant mineralization								
		248.1-250.0: aph chill zone grades into								
		250.0-253.1: fg chill zone massive								
		253.1-265.0: mg diabase								
		265.0-288.4: cg diabase, wk perv mag. response thro								
		288.4-307.0: cg diabase Hem2 & epid2, leucocratic alt'n throughout. M0-1 & 2								
		307.0-348.0: f & mg wkly banded diabase, M0-1								
		342.0-343.1: fg chilled diabase, M1, BC @ 135dca rot'd 60deg clockwise on qtz-epid str								
		343.1-348.0: aph massive chill zone, BC vague & undulating @ 32dca with thin thermal chill frac's in lower 1ft								
348.0	350.6	Magnetic pillowed? Mafic volcanic (4mvo-p mag)	37379	348.00	350.60	2.60	7			
		Med-dark grey, fg, massive to vaguely pillowed flow with i/c								
		black mag stringers dev'd throughout/0.2ft to 0.1ft. Stringers								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		throughout on pillow selvages; wk fol @ 45dca, grades into								
		A4, C-, M6								
		tr py								
350.6	365.0	Magnetitic mafic volcanic & qc stringers (4mvo mag)	37380	350.60	352.70	2.10	NIL			
		Med grey to green-grey, fg, massive mafic volc, mod fract'd &	37381	352.70	356.00	3.30	2			
		sealed with irreg cc +/- qtz (white) stringers, threads, lenses &	37382	356.00	360.00	4.00	NIL			
		sweats throughout; grades into	37383	360.00	365.00	5.00	NIL			
		A4, C0, M6								
		-wk occ chl fol'n threads & chl'c groundmass								
		1-3% py with 5% py 350.6-352.7 TC								
365.0	386.6	Mafic volcanic (4mvo qc stringers)	37384	365.00	370.00	5.00	5	3		
		Green-grey, fg, massive (similar to above),	37385	370.00	372.50	2.50	7			
		variable irreg white qcc threads & stringers throughout	37386	372.50	374.40	1.90	2			
			37387	374.40	378.50	4.10	3			
		A4-3, C1, M0&1, tr BaSO4? (barite)	37388	378.50	381.20	2.70	5			
			37389	381.20	386.60	5.40	21			
		2-1% py decreasing downhole								
		372.5-374.4: bx'd (angular) fracture zone sealed with white cc-qtz netveining str thds - irreg throughout, poss tr wk Barite?								
		386.6 grades into								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
386.6	403.1	Foliated mafic volcanic (4mvo-fol)	37390	386.60	390.00	3.40	2			
		Med grey, fg, mafic volc wkly sheared & fol'd throughout,	37391	390.00	395.00	5.00	2	NIL		
		wk shear planes (S1) defined by dark green chl alt'n planes dev'd	37392	395.00	400.00	5.00	NIL	NIL		
		@ 65-55dca throughout;	37393	400.00	403.10	3.10	NIL			
		grades @ 70dca pts into								
		A1-3, C3-5, M1-0								
		-wk chl threads/alt'n on schty planes, wk deform'n zone thro,								
		-strong cc alt'n bnds throughout as paler green bnds,								
		-minor white crackle cc-qtz stringers & threads as above thro,								
		-locally wk thick green chl banding thro,								
		tr py								
403.1	443.0	Foliated & massive mafic volcanic (4mvo +/-barite)	37394	403.10	408.00	4.90	7			
		Med grey, fg, wkly fol'd volc (as above)	37395	408.00	413.00	5.00	NIL			
		i/c with med-thick bands of similar but massive volc,	37396	413.00	418.00	5.00	2			
		becoming very massive looking/last 5 ft	37397	418.00	421.00	3.00	NIL			
			37398	421.00	425.00	4.00	5			
		A1, C2-4/6, M0	37399	425.00	430.00	5.00	2			
		-mod chl	37400	430.00	435.00	5.00	3			
			37401	435.00	440.00	5.00	3			
		tr py	37402	440.00	443.00	3.00	9			
		433.5-433.6: white mg barite str @ 51dca grading to cc-qtz str downhole;								
		BC @ 130dca shp								
443.0	450.7	Carbonitized volcanic, qtz vein with pyritic walls	37403	443.00	444.60	1.60	9			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
			37404	444.60	446.30	1.70	3257		0.102	
		A0, C6, M5-0	37405	446.30	450.70	4.40	21			
		<15% py 444.6-446.3 as m & cg py dev'd haloing bull qv								
		443.0-443.8: med grey magnetic alt'n bnd, wkly fract'd & sealed with irreg 10% qtz +/- carb threads grades into								
		443.8-444.8: med-pale grey volc, strong cc WAC & qc thds grades into								
		444.8-445.1: carb'd volc (as above) with +25% m-cg diss py blebs in part cubic-subhedral, BC irreg @ 42dca rot'd 30 counter clockwise								
		445.1-445.8: white bull qv, no significant mineralization, irreg stepped BC @ 90 & 45dca								
		445.8-446.2: 10% c-mg py alt'n wall, py diss, grades into								
		446.2-450.7: carb'd med-pale grey strong cc volc, minor calcite amygduales; grades @ 60dca into								
4507	452.5	Streaky basalt (4mvo-streaky)	37406	450.70	452.50	1.80	142			
		Med & pale greenish-grey, well fol'd & bndd								
		(<3 & 8mm) carb'd volc & sil'n & seric? laminations,								
		rare xcutting white cc-qtz strs;								
		grades into								
		A0, C6, M0								
		-no significant mineralization								
452.5	455.6	Pyritic carbonate alteration zone (3 py)	37407	452.50	455.60	3.10	13989		0.406	
		Pale grey, fg, strongly calcitic flooded, massive looking volc								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		becoming very faintly fol'd @ 72dca in last 1 ft with chl'c green threads, m & very cg diss py throughout; grades @ 72dca into A0, C6, M0 20% c & mg diss py throughout								
455.6	457.0	Streaky basalt (4mvo-streaky) (Similar to 450.7-452.5) Med grey +/-carb'd volc, well fol'd & i/c with +15% pale grey sil'n +/-trace seric lams & bnds thro & minor qtz stringers with seric'c walls; grades into A0, C4, M0 tr py	37408	455.60	457.00	1.40	406			
457.0	459.8	Pyritic carbonate alteration zone (3-py) Med pale grey, aphanitic highly cc alt'd volc, str'd & thd'd with fg py threads & stringers throughout & minor xcutting white qc vlt flat @ 136dca (458.35-458.53),quartz vlt with <5% mg diss py A0, C6, M0 -strong BZ (bleach zone)-carb zone 25% f & mg py as thinly lam to med lam, diss str replacement alt'n bnds, stringers & occ diss grains throughout @ CA = 60dca rot 30 counter clockwise								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC 459.8 125dca shp, wk diss py <10% to about 460.1ft								
459.8	474.0	Chloritic streaky basalt & i/c	37409	457.00	460.10	3.10	5314		0.137	
		Pale grey carbonate alteration bands (4mvo streaky +/-3)	37410	460.10	465.00	4.90	4114		0.132	
		Strong carb alt'n bnds (pale grey) & i/c streaky carb'd volc's	37411	465.00	470.00	5.00	57			
		with fuzzy margins of green chl bnds/alt'n stringers gen dev'd	37412	470.00	474.00	4.00	22			
		60dca parallel to foliation (<30%) throughout,								
		(could be called a carb grey zone with chl stringers throughout)								
		grades into @ 62dca into:								
		A0(A1 @ base), C3-5, M0-1,								
		-green chl3 as fuzzy str bnds ptf throughout & along healed								
		joints/frac's with chl increasing downhole								
		wk py stringers & threads, as replacements throughout decreasing								
		downhole from 5% to trace / 1/2% & minor irreg xcutting white qtz								
		+/-carb stringers & vlts as flats?/occ lenses								
474.0	481.2	Chloritic mafic volcanic (4mvo)	37413	474.00	479.00	5.00	NIL			
		Dk-med green, fg, massive, minor qcc stringers & threads,	37414	479.00	481.20	2.20	7			
		wk WAC (WHITE ALTERATION SPOTS- CALCITE),								
		trace wkly fol defined with chl thd wisps, very weak;								
		fol'n @ 22dca = S2?								
		BC about 60dca, vague								
		A1, C4, M0								
481.2	492.7	Streaky basalt (4mvo-streaky +/-3)	37415	481.20	483.10	1.90	22			
		(As 459.8-474.0ft)	37416	483.10	484.40	1.30	5			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		50% pale grey destructive carb (3) zones i/c with 50% chl alt'n	37417	484.40	489.00	4.60	NIL			
		bnds <0.1 to about 0.3ft @ 70-60dca & occ knots	37418	489.00	492.70	3.70	NIL			
		A1, C3-5, M3								
		-no significant mineralization								
492.7	498.8	Chloritic mafic volcanic (4mvo)	37419	492.70	495.40	2.70	NIL			
		(As 474.0-481.2ft)	37420	495.40	498.80	3.40	3			
		Med-dark green, massive, carb'd with local m-cg WAC bnds								
		BC about 45dca, vague & very irreg;								
		grades into								
		A1, ctr/0, M3								
		tr py								
498.8	503.5	Moderately streaky basalt / carbonitized volcanic	37421	498.80	503.50	4.70	NIL			
		Med green, fg, carb'd volc with m-cg WAC & +30% th lam & fuzzy								
		bands/swirls of pale grey strong carb alt bnds & clots;								
		Grades @ 67dca into								
		A1, C3, M1, Chl 3-5								
		tr -nil py								
503.5	508.1	Pyritic carbonate zone (3 py)	37422	503.50	508.10	4.60	2674		0.073	
		Pale grey, very fg, destructive leucocratic carb. alt'n zone								
		faint fol'n @ 70dca, magnetic								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A0, Cl?, M6								
		-dolomitic??								
		+15% py overall, disseminated, more concentrated in center								
		503.5-504.1: fg grey carb zone, tr very fg py, M6, Grades into:								
		504.1-508.1: med-strong Py min'd; +25% - 2% m & cg py zone,								
		py increases downhole								
		BC about 40dca, undulating & gradational								
508.1	537.5	Chloritic & magnetite mafic volcanic / intrusive?	37423	508.10	511.00	2.90	63			
		Dark green, stronly chl'd, fg mafic intrusive? with +15-20% mg	37424	511.00	515.00	4.00	21			
		diss magnetite throughout, poss gabbroic??,	37425	515.00	520.00	5.00	NIL			
		very faint fol'n @ 65dca locally dev'd, but, overall unit is	37426	520.00	525.00	5.00	5			
		massive	37427	525.00	530.00	5.00	NIL			
			37428	530.00	533.50	3.50	NIL			
		A0, C2-4, M6	37429	533.50	537.50	4.00	NIL			
		Chl 4-6, high magnetite								
537.5	550.0	Chloritic mafic volcanic (4mvo)	37430	537.50	541.00	3.50	3			
		Dark green, fg massive volc, mod WAC throughout; grades into	37431	541.00	545.00	4.00	NIL			
			37432	545.00	550.00	5.00	7			
		A0-1, C4-3, M4+, Chl 4-6								
550.0	571.1	Carbonitized mafic volcanic (4mvo)	37433	550.00	554.80	4.80	5			
		Med green, fg, massive to banded alt'd volc, poss pillowed?? with	37466	554.80	558.50	3.70	10			
		i/c paler green to pale grey carb alt'n bands & patches dev'd	37467	558.50	563.00	4.50	87			
		throughout & strong sil'n +/-wk seric patches @ 554.8-558.5ft,	37468	563.00	566.60	3.60	NIL			
		rare sil'n +/- seric stringers are noted in balance of section;	37469	566.60	571.10	4.50	15			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		banding 25dca, wk fol 35dca; grades into:								
		A0-tr, C1-5, M1								
		tr irreg xcutting py threads (as replacement stringers)								
571.1	591.1	Pyritic volcanic & carbonate zones (4 py, 3, sil/qv)	37470	571.10	573.00	1.90	279			
		i/c carb'd pyritic volc's, grey destructive carbonate zones,	37471	573.00	574.10	1.10	122			
		silicification and veining as follows:	37472	574.10	575.70	1.60	514			
			37473	575.70	578.40	2.70	2469		0.080	
		A3(571.1-578.4),A4(578.4-583.6),A1(583.6-586.8),A6-4(586.8-591.1)	37474	578.40	579.70	1.30	2983		0.086	
		C6(571.1-574.1),C4(574.1-583.6), C0(583.6-591.1)	37475	579.70	582.50	2.80	22			
		M1(571.1-573),M4(573-575.7),M1(575.7-583.6),M0(583.6-591.1)	37476	582.50	583.60	1.10	50			
			37477	583.60	586.80	3.20	94			
			37478	586.80	588.80	2.00	821	840		
		571.1-575.7: med grey, fg carb'd mafic volc, wkly fract'd / bx'd	37479	588.80	591.10	2.30	391			
		& sealed with irreg fracture filling fg py threads thro								
		& replacement py wisps & minor late qtz thds; fine chl alt'n								
		on occ frac's/slips @ 50dca, chl ass'd with py threads;								
		- Bx'd py thd mass to 573.0 grading downhole to occ, fg diss								
		py str bnds @ 50dca parallel to foliation;								
		grades into:								
		575.7-578.4: pale grey carb bleach zone (3) & diss f-m & cg diss								
		py in center of section, minor py threads dev'd in upper								
		1/4 of section; alt'n zone is massive with minor patches								
		white qc str as flats; grades into:								
		578.4-579.7: pale grey, thickly lam/thinly banded & wkly py str'd								
		highly carb'd volc, wk chl thds; grades @ 55 into:								
		579.7-582.5: med grey, fg, wk fol/sheared strongly carb volc &								
		irreg qc str flats xcutting @ 165dca, very wk perv. chl?;								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		grades into:								
		582.5-583.6: carb'd volc, pale greenish-grey, leaco, fractured stronly downhole; grades @ 42dca parallel to foliation into:								
		583.6-586.8: pale pink & grey & occ mottled white sil'n zone, weak trace Fe carb on frac plane & tr mg diss sulfides, = silicification zone/replacement qv, BC = 41dca shp								
		586.8-588.8: fg py str'd carb volc (as 578.4-579.7) -py stringers @ 30, 50 & 60dca; grades into:								
		588.8-591.1: pale greenish-grey, strongly carb'd massive volc fg; -wk fg diss py; BC very vague alt'n roll front, grades into:								
591.1	594.3	Moderately streaky mafic volcanic (4mvo-streaky)	37480	591.10	594.30	3.20	17			
		Med grey & pale grey, md bndd +/-carb'd volc & wk stringers bnds of cloudy carb alt'n banding @ about 39dca, BC very irreg & contorted								
		A tr, C2, M0								
		trace py								
594.3	627.9	Carbonitized Mafic Volcanic (4mvo)	37481	594.30	599.00	4.70	NIL			
		Med green, fg highly alt'd mafic volc with very strong (+40%)	37482	599.00	604.00	5.00	5			
		very fg-fg creamy diss WAC throughout & minor green chl slips	37483	604.00	608.60	4.60	NIL			
		throughout, generally massive looking volc, wk fol'n/str's dev'd	37484	608.60	614.00	5.40	3			
		(608.6-614.0ft) at 15dca, cloudy pale grey-wk carb bnds & clouds	37485	614.00	619.40	5.40	10			
		dev'd (619.4-627.9ft) with fair Bx dev'd/last 0.3ft,	37486	619.40	624.40	5.00	33			
		vague xcutting BC @ 70dca rot'd 30 counter clockwise	37487	624.40	626.60	2.20	72			
			37488	626.60	627.90	1.30	10			

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A1(to 599.0), A2-4, C2-1, M1								
		no significant min'n								
627.9	630.4	Grey carbonate alteration zone (3) Pale grey, fg, tl, minor exsolved Qtz?, faint Fol @ 72dca BC crenulated/stepped @ 70dca & 0 dca	37489	627.90	630.40	2.50	NIL			
		A2, C0, M0								
		1/2% py								
630.4	635.9	Wkly streaky carbonitized volcanic (4mvo +/-streaky) Med grey, fg, finely lam'd/bnd @ 62dca BC very irreg & stepped	37490	630.40	635.90	5.50	NIL			
		A6, C0, M0								
		no py								
635.9	638.1	Grey carbonate alteration band (3) (As 627.9-630.4), faint fol'n/crenulation; grades into	37491	635.90	638.10	2.20	183	122		
		A4, C0, M0 -wk BZ/carb with trace seric at 635.9-638.1								
		no py								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
638.1	654.15	Streaky mafic volcanic (4mvo streaky)	37492	638.10	640.00	1.90	5			
		Med & dk green, fg, thinly banded /i/c with 30% thickly lam'd	37493	640.00	645.00	5.00	106			
		pale grey carb volc bnds & knots throughout +/- seric increases	37494	645.00	650.00	5.00	15			
		downhole, bnds & fol'n @ 75dca	37495	650.00	653.80	3.80	NIL			
		BC @ 74dca								
		A4, C0, M0								
		no significant mineralization								
654.15	654.4	Chert bed? (4ifs chert)								
		Med grey, fg, massive & very fine laminated with pale pink-grey								
		qtz str dev'd ptb in center of section								
		BC @ 69dca								
		A4, C0, M0								
		no significant mineralization								
654.4	660.4	Carbonitized volcanic (4mvo)	37496	653.80	655.00	1.20	NIL			
		Med-dark grey, fg chl'c massive mafic volc with +20% very fg	37497	655.00	659.80	4.80	NIL			
		white WAC throughout								
		BC @ 76dca								
		A4, C0, M0								
		no significant mineralization								
660.4	660.6	Chert (4ifs chert)								
		Very pale grey, fg, thick sil'n bnd / chert band								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		BC about 90dca								
		A4, C0, M0								
		no significant mineralization								
660.6	672.8	Chloritic mudstones (4mst)	37498	659.80	661.00	1.20	NIL			
		Dark green, fg, thinly bedded, mod irreg qc str'd gen ptb	37499	661.00	665.00	4.00	3			
		volcanoclastic sediments, massive unit	37500	665.00	666.10	1.10	NIL			
			43001	666.10	669.80	3.70	9			
		A2, C2-1, M0-1	43002	669.80	672.80	3.00	NIL			
		trace-1/2% py (660.6-666.1ft) grading to 2-4% py (666.1-672.8ft) with py increasing downhole								
		672.2-672.8: paler grey m-fg siltstone bed with fg diss py replacement str bnd dev'd @ BC/0.2ft, S0 = 75dca								
672.8	686.3	Foliated mafic volcanic (4mvo-fol)	43003	672.80	675.90	3.10	NIL			
		Med grey fg, mod sheared , chl str'd & variolitic; strong carb	43004	675.90	679.80	3.90	NIL			
		alt'd mafic volc, fol'n S1 = 65dca	43005	679.80	684.00	4.20	NIL			
		BC = 68dca	43006	684.00	686.20	2.20	NIL			
		A1, C1-6 (increasing downhole), M1-3								
		trace py grading to NIL py downhole								
686.3	689.7	Mixed Mafic Tuffs, Sediments & minor Quartz Veinlets	43007	686.20	689.70	3.50	41	33		
		green & pale yellowish-grey, fg, thinly lam'd, med bedded mixed reworked tuffs & seds, variolitic?; Carb'd, magnetic &/								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		sericitic, wk qvlt's dev'd ptb,								
		bedding S0 = 75dca;								
		grades into:								
		A2, C6-4, M5								
		1/2% py								
689.7	702.0	Sheared & carbonitized volcanic(?) (4mvo)	43008	689.70	694.00	4.30	NIL			
		Med & dark green, massive with strong WAC to thickly laminated &	43009	694.00	695.30	1.30	NIL			
		sheared volc, schty/fol'n S1 = 70-55dca;	43010	695.30	700.00	4.70	NIL			
		minor wk seric banding dev'd @ 694-695.3ft	43011	700.00	702.00	2.00	NIL			
		BC shp @ 80dca xcutting S1 of 63dca								
		A2-1, C4, M1-5								
		trace py grading to Nil py downhole								
702.0	703.5	Diabase (5)	43012	702.00	703.50	1.50	NIL			
		Black, aphanitic, massive & chilled								
		BC = 70 irreg intrusive & stepped								
		A2, C0, M6								
		no sig. min'n, tr py at bottom contact								
703.5	706.0	Volcanoclastic sediments (4sed)	43013	703.50	706.00	2.50	10			
		thinly lam'd, pale grey, green grey & yellow-grey, thinly bedded								
		mudstone; variable Chl/seric alt'n; bit kinked & crenulated;								
		avg bedding S0 = 55dca; grades into								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt
		A1?, C6, M2								
		no py								
706.0	711.8	Hematitic Temiskaming sediments (1 hem) Pale pink, m & cg, gritty (qtz) sandstone, weak perv. hem alt'n throughout, very hard (sil'd?), massive, very faint grain alignment @ 50dca	43014	706.00	711.80	5.80	NIL			
		Atr, C1, M1								
		no py								
		711.8 ft EOH -Drillers rpt 217m (711.9 ft) -hole stopped short of planned depth by about 1m when bit failed to advance & drillers thought bit was played out, Bit was ok, only ground is very hard								
		Logged by R. Pressacco (to 231ft) Logging completed by R.V. Zalnieriunas May 12/03 on site								
		Hole Survey Note: values flagged + are assumed dip/bearings for mid-point plotting								

Young-Davidson Mines, Limited

DIAMOND DRILL LOG

PROPERTY: Matachewan
HOLE No.: M03-68

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Chk ppb	Au opt	Chk opt

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
66.55	-43.70+	
133.10	-43.70	
180.70	-43.40+	
228.30	-43.40	
343.10	-42.30+	
457.90	-42.30	
582.60	-40.40+	327.30+
707.30	-40.40	327.30

ONTARIO

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

Work Report Summary

Transaction No: W0480.01290 **Status:** APPROVED
Recording Date: 2004-AUG-12 **Work Done from:** 2002-OCT-01
Approval Date: 2004-SEP-21 **to:** 2003-MAY-31

Client(s):

210971 YOUNG-DAVIDSON MINES, LIMITED
999787 MATACHEWAN CONSOLIDATED MINES, LIMITED

Survey Type(s):

ASSAY PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 8000036	$38,078	$38,078	$0	$0	$0	0	$38,078	$38,078	
G 8000037	$183,503	$183,503	$0	$0	$0	0	$183,503	$183,503	
G 8000321	$32,933	$32,933	$0	$0	$0	0	$32,933	$32,933	
G 8000324	$30,685	$30,685	$0	$0	$0	0	$30,685	$30,685	
G 8000325	$37,287	$37,287	$0	$0	$0	0	$37,287	$37,287	
G 8000327	$8,013	$8,013	$0	$0	$0	0	$8,013	$8,013	
G 8000328	$15,402	$15,402	$0	$0	$0	0	$15,402	$15,402	
G 8000411	$161,132	$161,132	$0	$0	$0	0	$161,132	$161,132	
G 8000682	$189,974	$189,974	$0	$0	$0	0	$189,974	$189,974	
L 537314	$22,790	$22,790	$0	$0	$0	0	$22,790	$22,790	1991-JUN-25
L 537316	$73,837	$73,837	$0	$0	$0	0	$73,837	$73,837	1992-JUN-25
L 1207518	$16,076	$16,076	$0	$0	$0	0	$16,076	$16,076	2009-APR-06
L 1207550	$4,155	$4,155	$0	$0	$0	0	$4,155	$4,155	2009-APR-06
	$813,865	$813,865	$0	$0	$0	$0	$813,865	$813,865	

External Credits: $0

Reserve:

$813,865 Reserve of Work Report#: W0480.01290

$813,865 Total Remaining

Status of claim is based on information currently on record.

41P15NE2026 2.28283 CAIRO

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

Tel: (888) 415-9845
Fax:(877) 670-1555

Date: 2004-SEP-24

YOUNG-DAVIDSON MINES, LIMITED
605 - 80 RICHMOND STREET WEST
TORONTO, ONTARIO
M5H 2S9 CANADA

Submission Number: 2.28283
Transaction Number(s): W0480.01290

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron C Gashinski.

Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Young-Davidson Mines, Limited
(Claim Holder)

Kirnova Corp.
(Agent)

Assessment File Library

Young-Davidson Mines, Limited
(Assessment Office)

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

Mining Land Tenure Map

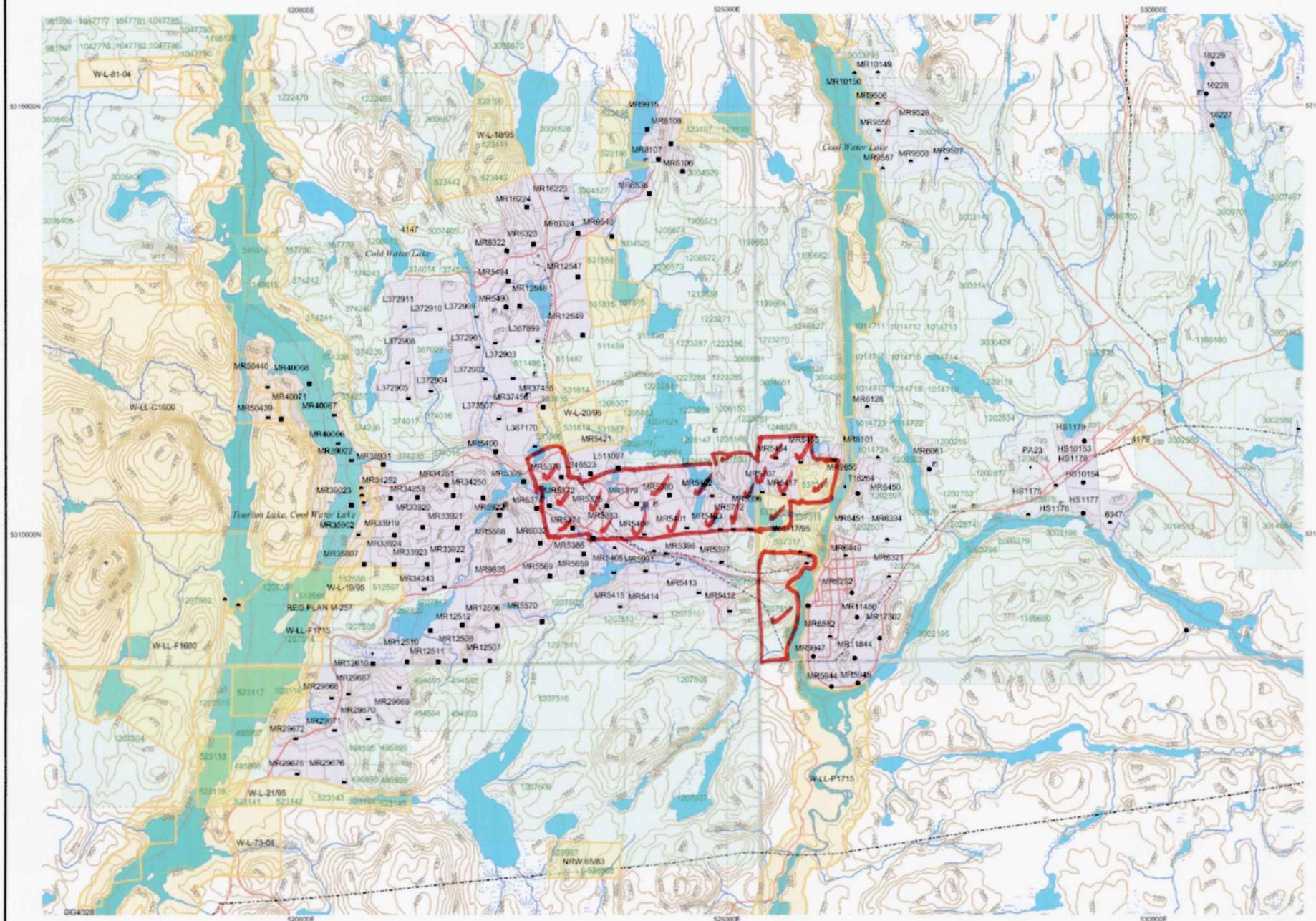
Date / Time of Issue: Thu Oct 07 10:40:46 EDT 2004

TOWNSHIP / AREA
POWELL

PLAN
G-3218

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Larder Lake
Land Titles/Registry Division	TIMISKAMING
Ministry of Natural Resources District	KIRKLAND LAKE



TOPOGRAPHIC

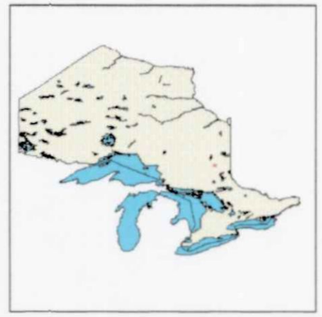
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order In Council (Not open for staking)
- Water Power Lease Agreement
- Mining Claim
- Filed Only Mining Claims



LAND TENURE WITHDRAWALS

- Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Surface And Mining Rights Withdrawn
- Surface Rights Only Withdrawn
- Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- Surface And Mining Rights Withdrawn
- Surface Rights Only Withdrawn
- Mining Rights Only Withdrawn

IMPORTANT NOTICES

Scale 1:51306

909m 0m 2.7km

2.28283
PDRILL
ASSAY

of Northern Development and Mines for additional
title determination purposes as the information
nal information may also be obtained through the

se of downloading from the Ministry of Northern

General Information and Limitations

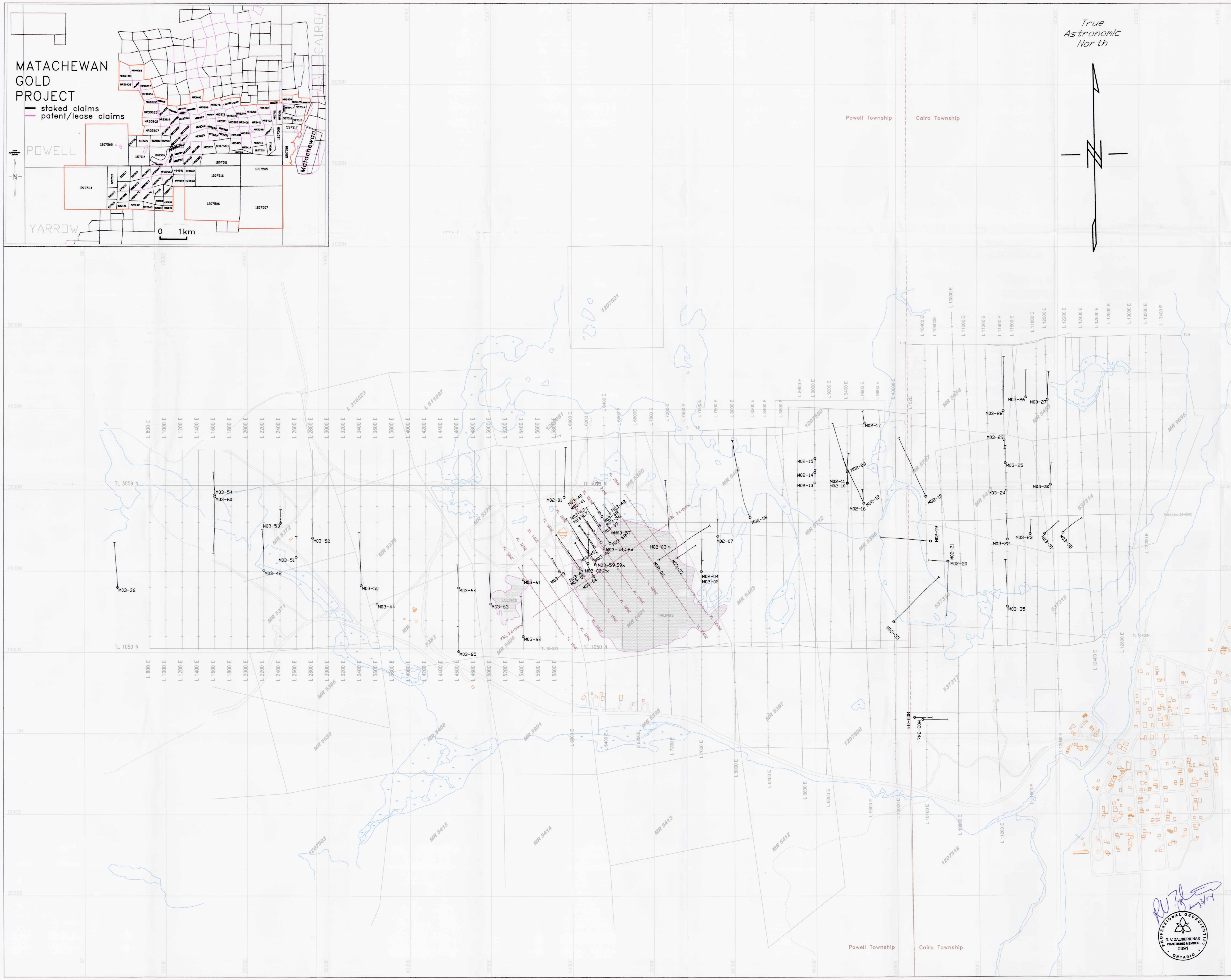
Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5779
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

41P15NE2026 2.28283 CAIRO 200



YOUNG-DAVIDSON ML

MATACHEWAN GOLD PROJECT
Powell and Cairo Townships, Ontario, Canada
NTS 41P/15

2002-2003 Diamond Drilling Surface Location Plan

GN = 1.225E of True North — vertical projection

DATE: 03/07/31 R.V. Zalnierlunas | SCALE: 1" = 400' File: DDH_LOC_02_03