



Hole ID: S03-9

GRID: Expl.

PROJECT: Stock
 TENEMENT: 70553
 GRID: Expl.
 LOCATION: Central Timmins
 NTS MAP 42A/10
 REFERENCE:

Reference	Easting	Northing	Azimuth
Local:	-725.00	-178.00	332.0
UTM:	0.00	0.00	0.0
Elevation	Inclination	Total Depth	pre-collar depth
275.00	-60.00	317.00	325.00

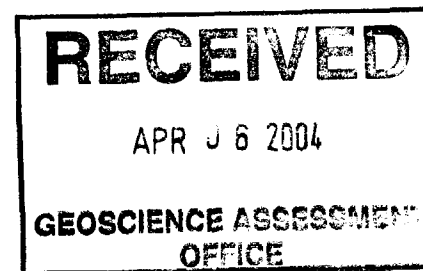
core size	NQ
core storage	Stock Mine
# of Boxes	67
length of casing	36

Drill Contractor:	Bradley Bros.
Drill Rig:	
Date Started:	1/11/2004
Date Finished:	1/18/2004
Logged By:	Paul Degagne
Relogged By:	
Sampled By:	Dan Dunstan

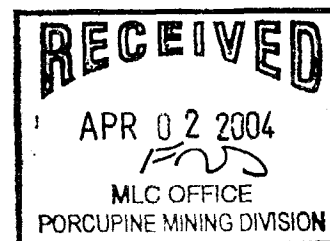
Purpose: To test the mineralization intersected in the Armstrong zone up plunge and to the east
Remarks: - Casing broken near surface when attempting to pull out at the end of the hole
 - Hole has been cemented

*** downhole survey data ***

Depth (m)	Survey method	Azimuth		incl (deg)
		True	Local	
50.00	Reflex Test	335.0	3.0	-58
80.00	Reflex Test	335.8	3.8	-58
110.00	Reflex Test	336.3	4.3	-58
152.00	Reflex Test	336.3	4.3	-58
194.00	Reflex Test	336.2	4.2	-58
236.00	Reflex Test	337.5	5.5	-58
317.00	Reflex Test	338.6	6.6	-57



2.27458



42A10SW2035 2.27458 STOCK

010

S03-9		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.			bdg foin	con- tact		
	265.10	266.00										9220	0.030
	266.00	281.40						Style of porphyry changes from fine grained equigranular to feldspar phyric(40% feldspar phenocrysts- Currie-Bowman style)					
	266.00	267.00										9221	0.010
	278.40	279.40										9222	0.020
	279.40	280.40										9223	0.050
	280.40	281.40										9224	0.010
281.40	286.50	VUO	ZST	ZFZ				Ultramafic Volcanic (Talc Chlorite Schist): fault zone, blocky talc rich ultramafic volcanics with section of clay and gouge.					
	281.40	286.50						Breccia Zone: mixed volcanic and porphyry with quartz-carbonate stringers					
	281.40	282.40										9225	0.010
	282.40	283.10										9226	0.000
	283.10	284.00										9227	0.020
	284.00	285.00										9228	0.090
	285.00	286.00										9231	0.030
	286.00	287.00										9232	0.020
286.50	297.00	VUO	ACO					Carbonate Altered Ultramafic Volcanic?: Mottled in texture, pale greenish-yellow pervasive altered ultramafic with 50% quartz +/- carbonate veining. No visible sulphides.					
	287.00	288.00										9233	0.020
	288.00	289.00										9234	0.010
	289.00	290.00										9235	0.000
	290.00	291.00										9236	0.000
	291.00	292.00										9237	0.020
	292.00	293.00										9238	0.000
	293.00	294.00										9239	0.000
	294.00	295.00										9240	0.010
	295.00	296.00										9241	0.010
	296.00	297.00										9242	0.010
297.00	317.00	VUO						Ultramafic Volcanic: massive, dark grey to black, very fine grained, talc and chlorite rich. <5% quartz-carbonate veining.					
	297.00	298.00										9243	0.000
	298.00	299.00										9244	0.000



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Geochemical Analysis Certificate

4W-0097-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Stock
Attn: W. Reid

Date: JAN-26-04

We hereby certify the following Geochemical Analysis of 53 Core samples submitted JAN-22-04 by .

Sample Number	Au PPB	Au Check PPB
8001	2	-
8002	201	-
8003	84	-
8004	10	-
8005	67	-
8006	322	-
8007	566	531
8008	7	-
8009	Nil	-
9201	Nil	-
9202	405	411
9203	41	-
9204	Nil	-
9205	Nil	-
9206	Nil	-
9207	10	-
9208	Nil	-
9209	888	-
9210	Nil	-
9211	5	-
9212	5	-
9213	43	-
9214	Nil	-
9215	24	-
9216	38	-
9217	12	-
9218	137	62
9219	43	-
9220	29	-
9221	10	-

↓ 503-9

Certified by Denis Chantre



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Geochemical Analysis Certificate

4W-0097-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Stock
Attn: W. Reid

Date: JAN-26-04

We hereby certify the following Geochemical Analysis of 53 Core samples submitted JAN-22-04 by .

Sample Number	Au PPB	Au Check PPB
9222	24	-
9223	46	-
9224	9	-
9225	7	-
9226	Nil	-
9227	21	-
9228	91	87
9229	3099	-
9230	Nil	-
9231	29	-
9232	24	-
9233	17	-
9234	14	-
9235	Nil	-
9236	3	-
9237	22	-
9238	2	-
9239	Nil	-
9240	9	-
9241	5	-
9242	5	-
9243	Nil	-
9244	Nil	-

Certified by Denis Chantre



Hole ID: S03-10

GRID: Expl

PROJECT: Stock
 TENEMENT: 70553
 GRID: Expl.
 LOCATION: Central Timmins
 NTS MAP 42A/10
 REFERENCE:

Reference	Easting	Northing	Azimuth
Local:	-775.00	-170.00	332.0
UTM:	0.00	0.00	0.0

Elevation	Inclination	Total Depth	pre-collar depth
275.00	-60.00	320.00	330.00

core size	NQ
core storage	Stock Mine
# of Boxes	69
length of casing	32

Drill Contractor:	Bradley Bros.
Drill Rig:	
Date Started:	1/18/2004
Date Finished:	1/23/2004
Logged By:	Paul Degagne
Relogged By:	
Sampled By:	Dan Dunstan

Purpose: To test mineralization in the Armstrong zone up dip from previous drilling
Remarks: - casing pulled, hole cemented

*** downhole suvey data ***

Depth (m)	Survey method	Azimuth		incl (deg)
		True	Local	
44.00	Reflex Test	332.6	0.6	-62
71.00	Reflex Test	332.8	0.8	-62
113.00	Reflex Test	332.2	0.2	-62
155.00	Reflex Test	332.6	0.6	-62
200.00	Reflex Test	333.8	1.8	-62
245.00	Reflex Test	335.5	3.5	-61
320.00	Reflex Test	349.2	17.2	-59
326.00	Reflex Test	343.3	11.3	-52

2 0 0 8



42A10SW2035 2.27458 STOCK

020

S03-10		GEOLOGICAL CORE LOG						POINT FTRS			ASSAYS		
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.			bdg foil	con-tact		
0.00	32.00	HPO											
32.00	39.30	IPF											
39.30	80.00	VMV											
80.00	93.80	IPF											
93.80	99.90	VMV											
99.90	103.10	IPF											
103.10	142.85	VMV											
142.85	156.00	LDO											
156.00	254.40	VMV											
254.40	256.10	VUO											
	254.40	255.40									9251	0.000	
	255.40	256.60									9252	0.005	
256.10	279.20	IPF											
	256.60	257.60									9253	0.000	
	257.60	258.60									9254	0.000	
	258.60	259.60									9255	0.000	
	259.60	260.60									9256	0.003	
	259.70	262.40			AEO	IPF							
	260.60	261.60									9257	0.067	
	261.60	262.40									9258	0.134	
	262.40	263.00									9259	0.000	
	263.00	263.90									9260	0.000	
	274.40	275.00									9261	0.000	
	275.00	279.20			AEO	IPF							
	275.00	276.00									9264	0.070	

S03-10		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.			bdg foin	con- tact		
	276.00	277.00										9265	0.038
	277.00	278.00										9266	0.000
	278.00	279.20										9267	0.017
279.20	301.10	IPF											
	279.20	280.20										9268	0.000
	299.70	301.30										9269	0.000
301.10	304.40	ZFZ	VUO										
	301.30	302.00										9270	0.009
	302.00	303.00										9271	0.010
	303.00	303.80										9272	0.113
	303.80	304.40										9273	0.031
304.20	320.00	VUO	ZST										
	304.40	305.00										9274	0.019
	305.00	306.00										9275	0.034
	306.00	307.00										9276	0.002



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Geochemical Analysis Certificate

4W-0124-RG1

Company: **ST. ANDREW GOLDFIELDS**
 Project: **Stock**
 Attn: **W. Reid**

Date: JAN-29-04

We hereby certify the following Geochemical Analysis of 26 Core samples submitted JAN-26-04 by .

Sample Number	Au PPB	Au Check PPB
9251	Nil	3
9252	5	-
9253	Nil	-
9254	Nil	-
9255	Nil	-
9256	3	-
9257	67	-
9258	134	243
9259	Nil	-
9260	Nil	-
9261	Nil	-
9262	2998	-
9263	Nil	-
9264	70	-
9265	38	-
9266	Nil	-
9267	17	-
9268	Nil	-
9269	Nil	-
9270	9	-
9271	10	-
9272	113	120
9273	31	-
9274	19	-
9275	34	-
9276	2	-

Certified by *Denis Chant*

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
 Telephone (705) 642-3244 Fax (705) 642-3300



Hole ID: S03-11

GRID: Expl.

PROJECT: Stock
TENEMENT: 70553
GRID: Expl.
LOCATION: Central Timmins
NTS MAP 42A/10
REFERENCE:

Reference	Easting	Northing	Azimuth
Local:	-860.00	48.00	332.0
UTM:	0.00	0.00	0.0

Elevation	Inclination	Total Depth	pre-collar depth
275.00	-62.00	349.00	350.00

core size	BQ
core storage	Stock Mine
# of Boxes	57
length of casing	49

Drill Contractor:	Bradley Bros.
Drill Rig:	
Date Started:	2/3/2004
Date Finished:	2/13/2004
Logged By:	Paul Degagne
Relogged By:	
Sampled By:	Dan Dunstan

Purpose: To test the up-plunge extension of West Discovery zone

Remarks: - hole abandoned 2 times in overburden
- core size reduced to BQ to get through overburden
- casing pulled, hole cemented

*** downhole survey data ***				
Depth (m)	Survey method	Azimuth		incl (deg)
		True	Local	
0.00	Reflex Test	332.0	0.0	-62
58.00	Reflex Test	336.3	4.3	-61
178.00	Reflex Test	336.3	4.3	-60
340.00	Reflex Test	336.0	4.0	-57

*** SIGNIFICANT ASSAYS ***				
from	to	width	Sample ID	gpt Au
113.00	114.00	1.00	83116	1.23
114.00	115.00	1.00	83117	10.97
165.20	166.20	1.00	83160	1.64
196.00	197.00	1.00	83175	1.15
207.00	208.00	1.00	83188	1.13
271.70	272.70	1.00	83198	2.17
272.70	274.00	1.30	83199	2.47

2.27458



42A10SW2035 2.27458 STOCK

030

S03-11			GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t	
from	to	U1	U2	U3	Style	Type	Intrns.			bdg foln	con-tact			
	121.00	122.00										83126	0.030	
	122.00	123.00										83127	0.060	
	123.00	124.00										83128	0.020	
	124.00	125.00										83129	0.020	
	125.00	126.00										83130	0.030	
	126.00	127.20										83131	0.490	
127.20	135.50	VMO	ACO											
	127.20	129.00										83132	0.020	
	129.00	130.00										83133	0.000	
	130.00	131.00										83134	0.000	
	131.00	132.00										83135	0.000	
	132.00	133.00										83136	0.050	
	133.00	134.00										83137	0.010	
	134.00	135.00										83138	0.000	
	135.00	136.50										83139	0.010	
135.50	148.10	VMV												
	147.20	148.70										83140	0.000	
148.10	173.40	VMV	AHO											
	148.70	149.20										83141	0.140	
	149.20	150.20										83142	0.040	
	150.20	151.20										83143	0.000	
	151.20	152.20										83144	0.030	
	152.20	153.20										83147	0.100	
	153.20	154.20										83148	0.090	
	154.20	155.20										83149	0.010	
	155.20	156.20										83150	0.040	
	156.20	157.20										83151	0.260	
	157.20	158.20										83152	0.180	
	158.20	159.20										83153	0.000	
	159.20	160.20										83154	0.010	
	160.20	161.20										83155	0.350	
	161.20	162.20										83156	0.460	

S03-11		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration				feature	Core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intrns.	DESCRIPTION		bdg foil	con-tact		
	162.20	163.20										83157	0.010
	163.20	164.20										83158	0.010
	164.20	165.20										83159	0.000
	165.20	166.20										83160	1.640
	166.20	167.20										83161	0.900
	167.20	168.20										83162	0.310
	168.20	169.20										83163	0.000
	169.20	170.20										83164	0.080
	170.20	171.20										83167	0.020
	171.20	172.20										83168	0.010
	172.20	173.40										83169	0.010
173.40	187.60	VMV						Bleached Variolitic Mafic Volcanic: as above but lacking the intense alteration and sulphides. Unit is pale green to grey in colour, variolitic.					
	173.40	175.00										83170	0.020
	175.00	176.00										83171	0.000
	176.00	177.00										83172	0.020
	177.00	178.00										83173	0.000
187.60	194.80	ZST						Talc-Rich Ultramafic Volcanic: good competent dark black coloured, talc rich, <5% quartz-carbonate veining, unit has cataclastic texture. Lower 0.5m of section is blocky, fault gouge.					
194.80	208.70	VMV	AHO					Albite / Carbonate Altered Mafic Volcanic: 35% quartz-albite veining in buff coloured, foliated, fine grained mafic volcanic. Foliation at 40 degrees TCA., 10% fine pyrite throughout.					
	194.80	196.00										83174	0.150
	196.00	197.00										83175	1.150
	197.00	198.00										83176	0.180
	198.00	199.00										83177	0.190
	199.00	200.00										83178	0.070
	200.00	201.00										83179	0.070
	201.00	202.00										83180	0.020
	202.00	203.00										83181	0.030
	203.00	204.00										83182	0.050
	204.00	205.00										83185	0.600
	205.00	206.00										83186	0.080
	206.00	207.00										83187	0.030
	207.00	208.00										83188	1.130
	208.00	209.00										83189	0.420

S03-11		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration				feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intrns.	DESCRIPTION		bdg foin	con- tact		
208.70	225.40	VMV	AEO					Sericitic Varolitic Mafic Volcanic: as above but lacking the intense alteration and sulphides. Unit is pale green to grey in colour.					
	209.00	210.00										83190	0.080
	210.00	211.00										83191	0.120
	211.00	212.00										83192	0.110
	212.00	213.00										83193	0.040
225.40	260.00	ACG	VUO					Grey to Grey-Green Carbonate Altered Ultramafic Volcanic: grey to greyish black to lime green in colour, 50% of interval consists of quartz-carbonate veins and stringers.					
260.00	267.80	LDO						Diabase: fine grained, grey-black in colour, with fine grained feldspar phenocrysts throughout					
267.80	271.70	AEO	VMV					Sheared, Sericitic Mafic Volcanic: dark grey, fine grained, with 50% quartz-carbonate stringers. Unit is possibly ultramafic. Well developed foliation at 30 degrees TCA. Trace to nil pyrite.					
	267.80	268.80										83194	0.020
	268.80	269.80										83195	0.000
	269.80	270.80										83196	0.000
	270.80	271.70										83197	0.130
271.70	273.30	AHO	VMO					Albite / Carbonate Altered Mafic Volcanic (Discovery West Zone) pale to light grey, fine grained, albitized and carbonate altered, 20% fine pyrite throughout.					
	271.70	272.70										83198	2.170
	272.70	274.00										83199	2.470
273.30	324.30	SOO						(Timiskaming?) Sedimentary Rock (Greywacke / Argillite): fine to very finely bedded; light grey to dark grey in colour; weak pervasive sericite alteration; local clasts of chert and fuchsite; bedding / foliation at 45 degrees TCA. Local patches of albite alteration, minor quartz-carbonate veins. Last 2 meters of interval generally coarser grained.					
	274.00	275.00										83200	0.030
	275.00	276.00										83201	0.030
	276.00	277.00										83204	0.070
	277.00	278.00										83205	0.010
	278.00	279.00										83206	0.020
	279.00	280.00										83207	0.000
	280.00	281.00										83208	0.000
	281.00	282.00										83209	0.010
	282.00	283.00										83210	0.230
	283.00	284.00										83211	0.000
	284.00	285.00										83212	0.010
	285.00	286.00										83213	0.020
	286.00	287.00										83214	0.000

S03-11			GEOLOGICAL CORE LOG						POINT FTRS			ASSAYS	
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intrns.			bdg foil	con-tact		
287.00	288.00										83215	0.160	
288.00	289.00										83216	0.000	
289.00	293.00				ZFZ			Fault Zone: blocky, gouge					
289.00	290.00										83217	0.010	
290.00	292.00										83218	0.100	
292.00	293.00										83219	0.010	
293.00	294.00										83220	0.020	
294.00	295.00										83221	0.000	
295.00	296.00										83222	0.000	
296.00	297.00										83223	0.010	
297.00	298.00										83224	0.000	
298.00	299.00										83225	0.000	
299.00	300.00										83226	0.000	
300.00	301.00										83227	0.000	
301.00	302.00										83228	0.090	
302.00	303.00										83229	0.000	
311.00	312.00										83232	0.010	
312.00	313.00										83233	0.010	
313.00	314.00										83234	0.000	
319.70	320.40										83235	0.000	
320.40	321.40										83236	0.000	
321.40	322.30										83237	0.000	
322.30	323.30										83238	0.020	
323.30	324.30										83239	0.000	
324.30	334.00	LDO						Diabase: fine grained, dark grey, massive					
334.00	335.70	VUO	ACO					Ultramafic Volcanic: sheared with 25% quartz-carbonate veining, typical fine grained, dark grey to black					
335.70	342.00	SOO						(Timiskaming?) Sedimentary Rock: Greywacke, argillite to greywacke, fine to very finely bedded; light grey to dark grey in colour; weak pervasive sericite alteration; local clasts of chert and fuchsite; bedding / foliation at 45 degrees TCA.					
337.00	338.00										83240	0.000	
338.00	339.00										83241	0.000	
339.00	340.00										83242	0.000	
340.00	341.00										83243	0.000	
341.00	342.00										83244	0.000	
342.00	349.00	VUO	ZST					Ultramafic Volcanic: typical talc-rich, fine grained, black to dark grey, massive. Only minor quartz-carbonate alteration (<3%).					



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Geochemical Analysis Certificate

4W-0247-RG1

Company: **ST. ANDREW GOLDFIELDS**

Date: FEB-17-04

Project: **Clavos**Attn: **P. Degagne**

We hereby certify the following Geochemical Analysis of 69 Core samples submitted FEB-13-04 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
83101	3	-	-
83102	26	-	-
83103	Nil	-	-
83104	Nil	-	-
83105	Nil	-	-
83106	Nil	-	-
83107	Nil	-	-
83108	10	21	-
83109	3	-	-
83110	Nil	-	-
83111	Nil	-	-
83112	141	-	-
83113	77	-	-
83114	81	-	-
83115	21	-	-
83116	1234	1200	-
83117	10972	11212	10937
83118	446	-	-
83119	101	-	-
83120	Nil	-	-
83121	1543	-	-
83122	38	-	-
83123	51	-	-
83124	91	-	-
83125	75	-	-
83126	26	-	-
83127	63	67	-
83128	21	-	-
83129	17	-	-
83130	29	-	-

Certified by

PAUL *file copy*
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Page 1 of 3

Geochemical Analysis Certificate

4W-0273-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Clavos & Stock
Attn: P. Degagne

Date: FEB-23-04

We hereby certify the following Geochemical Analysis of 63 Core samples submitted FEB-18-04 by .

Sample Number	Au PPB	Au Check PPB
83131	494	559
83132	24	-
83133	Nil	-
83134	3	-
83135	Nil	-
83136	46	-
83137	5	-
83138	Nil	-
83139	10	-
83140	Nil	-
83141	137	-
83142	43	-
83143	Nil	-
83144	27	-
83145	1543	-
83146	2	-
83147	96	-
83148	93	-
83149	14	-
83150	41	-
83151	257	-
83152	182	-
83153	Nil	-
83154	7	-
83155	147	-
83156	463	-
83157	7	-
83158	14	-
83159	Nil	-
83160	1637	1749

Certified by *Denis Chantre*



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Page 2 of 3

Geochemical Analysis Certificate

4W-0273-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Clavos & Stock
Attn: P. Degagne

Date: FEB-23-04

We hereby certify the following Geochemical Analysis of 63 Core samples submitted FEB-18-04 by .

Sample Number	Au PPB	Au Check PPB
83161	900	1046
83162	310	-
83163	3	-
83164	79	-
83165	2949	-
83166	Nil	-
83167	17	-
83168	12	-
83169	7	-
83170	19	-
83171	Nil	-
83172	17	-
83173	Nil	-
83174	153	-
83175	1147	1065
83176	182	-
83177	189	-
83178	67	-
83179	74	-
83180	17	-
83181	31	-
83182	48	-
83183	3017	-
83184	Nil	-
83185	600	-
83186	84	-
83187	29	-
83188	1131	1274
83189	423	-
83190	75	-

Certified by Denis Chouh



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Geochemical Analysis Certificate

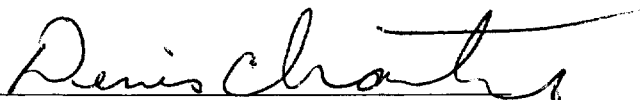
4W-0273-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Clavos & Stock
Attn: P. Degagne

Date: FEB-23-04

We hereby certify the following Geochemical Analysis of 63 Core samples submitted FEB-18-04 by .

Sample Number	Au PPB	Au Check PPB
83191	117	-
83192	108	-
83193	41	-

Certified by 



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Geochemical Analysis Certificate

4W-0376-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Stock
Attn: P. Degagne

Date: MAR-03-04

TNU 6370

We hereby certify the following Geochemical Analysis of 28 Core samples submitted MAR-01-04 by .

Sample Number	Au PPB	Au Check PPB
83194	17	-
83195	Nil	-
83196	Nil	-
83197	129	-
83198	2170	2194
83199	2469	2254
83200	31	-
83201	27	-
83202	1563	-
83203	2	-
83204	65	-
83205	14	-
83206	24	-
83207	Nil	-
83208	3	-
83209	5	-
83210	233	192
83211	2	-
83212	5	-
83213	24	-
83214	3	-
83215	158	-
83216	3	-
83217	14	-
83218	103	-
83219	12	-
83220	17	-
83221	2	-

Certified by *Dennis Chant*

Inv 6390



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Geochemical Analysis Certificate

4W-0413-RG1

Company: **ST. ANDREW GOLDFIELDS**
Project: Stock
Attn: P. Degagne

Date: MAR-08-04

We hereby certify the following Geochemical Analysis of 23 Core samples submitted MAR-03-04 by .

Sample Number	Au PPB	Au Check PPB
83222	Nil	-
83223	10	-
83224	Nil	-
83225	3	-
83226	Nil	-
83227	Nil	-
83228	86	70
83229	Nil	-
83230	871	-
83231	Nil	-
83232	10	-
83233	14	-
83234	3	-
83235	Nil	-
83236	Nil	-
83237	Nil	Nil
83238	24	-
83239	Nil	-
83240	Nil	-
83241	3	-
83242	Nil	-
83243	Nil	-
83244	Nil	-

Certified by Denis Chartre



Hole ID: S03-12

GRID: Expl.

PROJECT : Stock
TENEMENT: 70553
GRID: Expl.
LOCATION: Central Timmins
NTS MAP 42A/10
REFERENCE:

Reference	Easting	Northing	Azimuth
Local:	-900.00	44.00	332.0
UTM:	0.00	0.00	0.0
Elevation	Inclination	Total Depth	pre-collar depth
285.00	-60.00	331.00	350.00

core size	NQ
core storage	Stock Mine
# of Boxes	68
length of casing	55

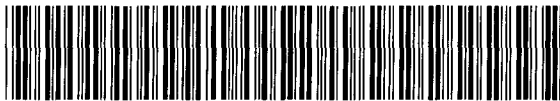
Drill Contractor:	Bradley Bros.
Drill Rig:	SDD-8
Date Started:	1/26/2004
Date Finished:	2/3/2004
Logged By:	Paul Degagne
Relogged By:	
Sampled By:	Dan Dunstan

Purpose: To test the Discovery West Zone up dip from S98-14

Remarks: - casing pulled
- hole cemented

*** downhole suvey data ***				
Depth (m)	Survey method	Azimuth		incl (deg)
		True	Local	
65.00	Reflex Test	329.0	357.0	-59
107.00	Reflex Test	329.1	357.1	-59
149.00	Reflex Test	329.3	357.3	-58
191.00	Reflex Test	330.2	358.2	-57
233.00	Reflex Test	329.9	357.9	-56
275.00	Reflex Test	331.1	359.1	-56
326.00	Reflex Test	333.3	1.3	-52

*** SIGNIFICANT ASSAYS ***				
from	to	width	Sample ID	gpt Au
123.50	124.50	1.00	9314	1.88
125.50	126.50	1.00	9316	1.71
129.50	130.50	1.00	9320	1.69
131.50	132.50	1.00	9324	1.24
133.50	134.50	1.00	9326	2.97
135.50	136.50	1.00	9328	1.01
148.50	149.50	1.00	9343	1.80
211.70	212.70	1.00	83002	1.68



42A10SW2035 2.27458 STOCK

040

S03-12									GEOLOGICAL CORE LOG			POINT FTRS			ASSAYS	
depth		MAJOR			Alteration				DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t		
from	to	U1	U2	U3	Style	Type	Intns.	bdg foln			con- tact					
0.00	54.20	HPO														
54.20	61.30	VUO														
61.30	67.00	VMO														
67.00	75.50	VUO														
75.50	100.70	IPO														
100.70	102.30	ZGO														
102.30	110.00	ZFZ														
110.00	116.00	ZCO	VUO													
110.00	111.50											9301	0.070			
111.50	112.50											9302	0.050			
112.50	113.50											9303	0.000			
113.50	114.50											9304	0.030			
114.50	115.50											9305	0.060			
115.50	116.50											9306	0.030			
116.00	120.50	ACG														
116.50	117.50											9307	0.020			
117.50	118.50											9308	0.020			

S03-12		GEOLOGICAL CORE LOG						POINT FTRS		ASSAYS		
depth		MAJOR			Alteration			feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.		DESCRIPTION	bdg foil		
	118.50	119.50									9309	0.140
	119.50	120.50									9310	0.230
120.50	138.20	VUO	IPF									
	120.50	121.50									9311	0.060
	121.50	122.50									9312	0.320
	122.50	123.50									9313	0.770
	123.50	124.50									9314	1.880
	124.20	125.00		IPF				Sericitic Feldspar Porphyry: upper contact at 60 degrees to core axis				
	124.50	125.50									9315	0.620
	125.15	125.30		IPF				Altered Feldspar Porphyry				
	125.50	126.50									9316	1.710
	126.50	127.50									9317	0.790
	127.50	128.50									9318	0.960
	128.50	129.50									9319	0.140
	129.50	130.50									9320	1.690
	130.24	130.75		QVO				Massive Grey-Brown Quartz +/- Carb. Vein				
	130.50	131.50									9323	0.240
	131.50	132.50									9324	1.240
	132.40	133.10		AEO				sericitic breccia flooded with quartz veins (70%)				
	132.50	133.50									9325	0.190
	133.50	134.50									9326	2.970
	134.50	135.50									9327	0.430
	135.50	136.50									9328	1.010
	136.00	136.50		IPO				sericitic feldspar porphyry, trace pyrite				
	136.50	137.50									9329	0.270
	137.50	138.50									9330	0.040
	137.55	138.50		IPO				brown porphyry				
138.20	175.10	VMO						Massive Mafic Volcanic: light to dark green in colour; fine grained, locally fractured and sheared, possible chloritic pillow selvages throughout; minor quartz-carbonate veining, locally trace pyrite				
	138.50	139.50									9331	0.060
	139.50	140.50									9332	0.040
	140.50	141.50									9333	0.010
	141.50	142.50									9334	0.030
	142.50	143.50									9335	0.030
	143.50	144.50									9336	0.040

S03-12		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration				feature	Core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.	DESCRIPTION		bdg foln	con-tact		
	144.50	145.50										9337	0.000
	145.50	146.50										9338	0.020
	146.50	147.50										9339	0.150
	147.50	148.50										9342	0.160
	148.50	150.00			AQO			broken quartz-albite veins					
	148.50	149.50										9343	1.800
	149.50	150.50										9344	0.010
	150.50	151.50										9345	0.570
	151.50	152.50										9346	0.050
	152.50	153.50										9347	0.040
	153.50	154.50										9348	0.050
	154.50	155.50										9349	0.070
	155.50	156.50										9350	0.400
	159.50	160.00			ZGO			blocky section of core					
175.10	183.00	VUO	ZCO					Ultramafic Volcanic (Cataclastized): black to green in colour, 25% commuted quartz-carbonate veins, sheared, serpentized and talcose					
183.00	185.80	IPF						Feldspar Porphyry: pink in colour, medium to coarse grained feldspar phenocrysts, unit is albitized, sericitized and brecciated (healed with chlorite); 1-3% fine pyrite throughout					
	185.50	185.80			ZGO			blocky section					
185.80	207.70	ZFZ	ZST					Ultramafic Volcanic - Talc Chlorite Schist: green to black, fine grained, highly sheared at 35 deg. TCA., locally clay-rich fault zone					
	185.80	186.10			ZGO			mylonite zone with irregular quartz-carbonate stringers					
	190.70	191.00			ZGO			clay fault zone					
	191.50	191.80			ZGO			clay fault zone					
	193.40	194.00			ZGO			clay fault zone					
	199.70	200.00			ZGO			clay fault zone					
	206.00	207.70			ZGO			clay and fault gouge					
207.70	217.00	VMV	AEO					Sericitic Mafic Volcanic: 30% quartz (+/- carb.) veining and stockwork, 5% fine pyrite (tr cpy) in a buff to yellow-brown altered mafic unit. Well foliated at 45 deg, TCA					
	210.70	211.70										83001	0.470
	211.70	212.70										83002	1.680
	212.70	213.70										83003	0.600
	213.70	214.70										83004	0.670
	214.70	215.70										83007	0.390
	215.70	217.00										83008	0.100
217.00	221.50	ZST	VUO					Ultramafic Volcanic - Talc Chlorite Schist: typical black, fine grained, talc and chlorite rich; less than 5% quartz-carbonate veins; foliation at 60 deg. TCA					

S03-12			GEOLOGICAL CORE LOG						POINT FTRS			ASSAYS	
depth		MAJOR			Alteration			DESCRIPTION	feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.			bdg ToIn	con- tact		
	217.00	218.00									83009	0.090	
221.50	233.40	ACO	VUO										
	221.50	222.50									83010	0.000	
	222.50	223.50									83011	0.010	
	223.50	224.50									83012	0.020	
	224.50	225.50									83013	0.040	
	225.50	226.50									83014	0.030	
	226.50	227.50									83015	0.050	
	227.50	228.50									83016	0.030	
	228.50	229.50									83017	0.040	
	229.50	230.50									83018	0.010	
	230.50	231.50									83019	0.020	
	231.50	232.40									83020	0.070	
	232.40	233.40									83021	0.030	
233.40	242.50	ACG	VUO										
	233.40	234.40									83022	0.130	
	234.40	235.40									83023	0.040	
	235.40	236.40									83024	0.010	
	236.40	237.40									83027	0.030	
	237.40	238.40									83028	0.020	
	238.40	239.40									83029	0.000	
	239.40	240.40									83030	0.010	
	240.40	241.40									83031	0.050	
	241.40	242.50									83032	0.030	
242.50	246.20	AFO	VUO										
	242.50	243.50									83033	0.090	
	243.50	244.50									83034	0.020	
	244.50	245.50									83035	0.490	
	245.50	246.20									83036	0.190	
246.20	257.00	ZFZ	ZST										
	246.20	247.20									83037	0.070	
	247.20	248.20									83038	0.050	

S03-12		GEOLOGICAL CORE LOG							POINT FTRS			ASSAYS	
depth		MAJOR			Alteration				feature	core angles		SAMPLE ID	Au g/t
from	to	U1	U2	U3	Style	Type	Intns.	DESCRIPTION		bdg fojn	con-tact		
	248.20	249.20										83039	0.040
	249.20	250.20										83040	0.010
	250.20	251.20										83041	0.000
	251.20	252.20										83042	0.030
	252.20	253.20										83043	0.010
	253.20	254.20										83044	0.010
257.00	261.00	ZST	ZCO										
261.00	263.00	LDO											
263.00	266.40	VUO	ZST										
266.40	279.60	ACO	VUO										
	266.40	267.40										83045	0.130
	267.40	268.40										83046	0.150
	268.40	269.40										83047	0.050
	269.40	270.40										83048	0.010
	270.40	271.40										83049	0.010
	271.40	272.40										83050	0.030
	272.40	273.40										83051	0.160
	273.40	274.40										83054	0.030
	274.40	275.40										83055	0.010
	275.40	276.40										83056	0.010
	275.50	276.00			ZGO								
	276.40	277.40										83057	0.000
	277.40	278.40										83058	0.000
	278.40	279.60										83059	0.010
279.60	281.60	SIA											
	279.60	280.60										83060	0.010
281.60	295.60	SSG											
295.60	304.50	LDO											
304.50	331.00	VUO											



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Geochemical Analysis Certificate

4W-0168-RG1


Company: **ST.ANDREW GOLDFIELDS**Project: **Stock**Attn: **W. Reid**

Date: FEB-06-04

We hereby certify the following Geochemical Analysis of 50 Core samples submitted FEB-03-04 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
9301	69	-	-
9302	51	-	-
9303	2	-	-
9304	27	-	-
9305	62	-	-
9306	34	-	-
9307	21	-	-
9308	19	-	-
9309	142	-	-
9310	225	-	-
9311	62	-	-
9312	315	309	-
9313	768	-	-
9314	1881	1989	-
9315	624	-	-
9316	1713	1817	-
9317	789	-	-
9318	957	-	-
9319	141	-	-
9320	1692	1646	-
9321	826	-	-
9322	Nil	-	-
9323	242	-	-
9324	1243	-	-
9325	192	-	-
9326	2969	3189	3154
9327	425	-	-
9328	1011	994	-
9329	267	-	-
9330	41	-	-

Certified by



1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
 Telephone (705) 642-3244 Fax (705) 642-3300



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Page 2 of 2

Geochemical Analysis Certificate

4W-0168-RG1

Company: **ST.ANDREW GOLDFIELDS**
 Project: Stock
 Attn: W. Reid

Date: FEB-06-04

We hereby certify the following Geochemical Analysis of 50 Core samples submitted FEB-03-04 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
9331	62	-	-
9332	43	-	-
9333	14	-	-
9334	26	-	-
9335	31	-	-
9336	38	36	-
9337	Nil	-	-
9338	24	-	-
9339	146	-	-
9340	3024	-	-
9341	5	-	-
9342	158	-	-
9343	1802	1749	-
9344	5	-	-
9345	574	590	-
9346	51	-	-
9347	43	-	-
9348	48	-	-
9349	69	-	-
9350	399	-	-

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
 Telephone (705) 642-3244 Fax (705) 642-3300



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Page 1 of 2

4W-0178-RG1

Geochemical Analysis Certificate

Company: **ST. ANDREW GOLDFIELDS**
 Project: Stock
 Attn: W. Reid

Date: FEB-09-04

We hereby certify the following Geochemical Analysis of 60 Core samples submitted FEB-04-04 by .

Sample Number	Au PPB	Au Check PPB
83001	473	-
83002	1683	1899
83003	595	-
83004	669	765
83005	888	-
83006	3	-
83007	387	-
83008	96	-
83009	93	-
83010	2	-
83011	7	-
83012	17	-
83013	36	-
83014	34	-
83015	51	-
83016	27	-
83017	38	-
83018	10	-
83019	22	-
83020	65	-
83021	34	-
83022	127	-
83023	39	-
83024	10	-
83025	1440	-
83026	Nil	-
83027	27	-
83028	17	-
83029	3	-
83030	12	-

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
 Telephone (705) 642-3244 Fax (705) 642-3300



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Page 2 of 2

4W-0178-RG1

Geochemical Analysis Certificate

Company: **ST. ANDREW GOLDFIELDS**
 Project: Stock
 Attn: W. Reid

Date: FEB-09-04

We hereby certify the following Geochemical Analysis of 60 Core samples submitted FEB-04-04 by .

Sample Number	Au PPB	Au Check PPB
83031	50	-
83032	27	-
83033	86	-
83034	24	-
83035	487	569
83036	189	-
83037	72	-
83038	46	-
83039	36	41
83040	10	-
83041	2	-
83042	27	-
83043	14	-
83044	10	-
83045	130	-
83046	146	120
83047	46	-
83048	14	-
83049	12	-
83050	34	-
83051	161	206
83052	2941	-
83053	Nil	-
83054	26	-
83055	10	-
83056	9	-
83057	2	-
83058	Nil	-
83059	14	-
83060	9	-

Certified by

Date: 2004-APR-22

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

WAYNE N. REID
ST. ANDREW GOLDFIELDS LTD.
1540 CORNWALL ROAD, APT. 105
OAKVILLE, ONTARIO
L6J 7W5 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.27458
Transaction Number(s): W0460.00528

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
Senior Manager, Mining Lands Section

Cc: Resident Geologist

St. Andrew Goldfields Ltd.
(Claim Holder)

Assessment File Library

St. Andrew Goldfields Ltd.
(Assessment Office)



42A10SW2035 2.27458 STOCK

200

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDERS' OFFICE

Mining Land Tenure Map

Date / Time of Issue: Thu Apr 22 12:14:49 EDT 2004

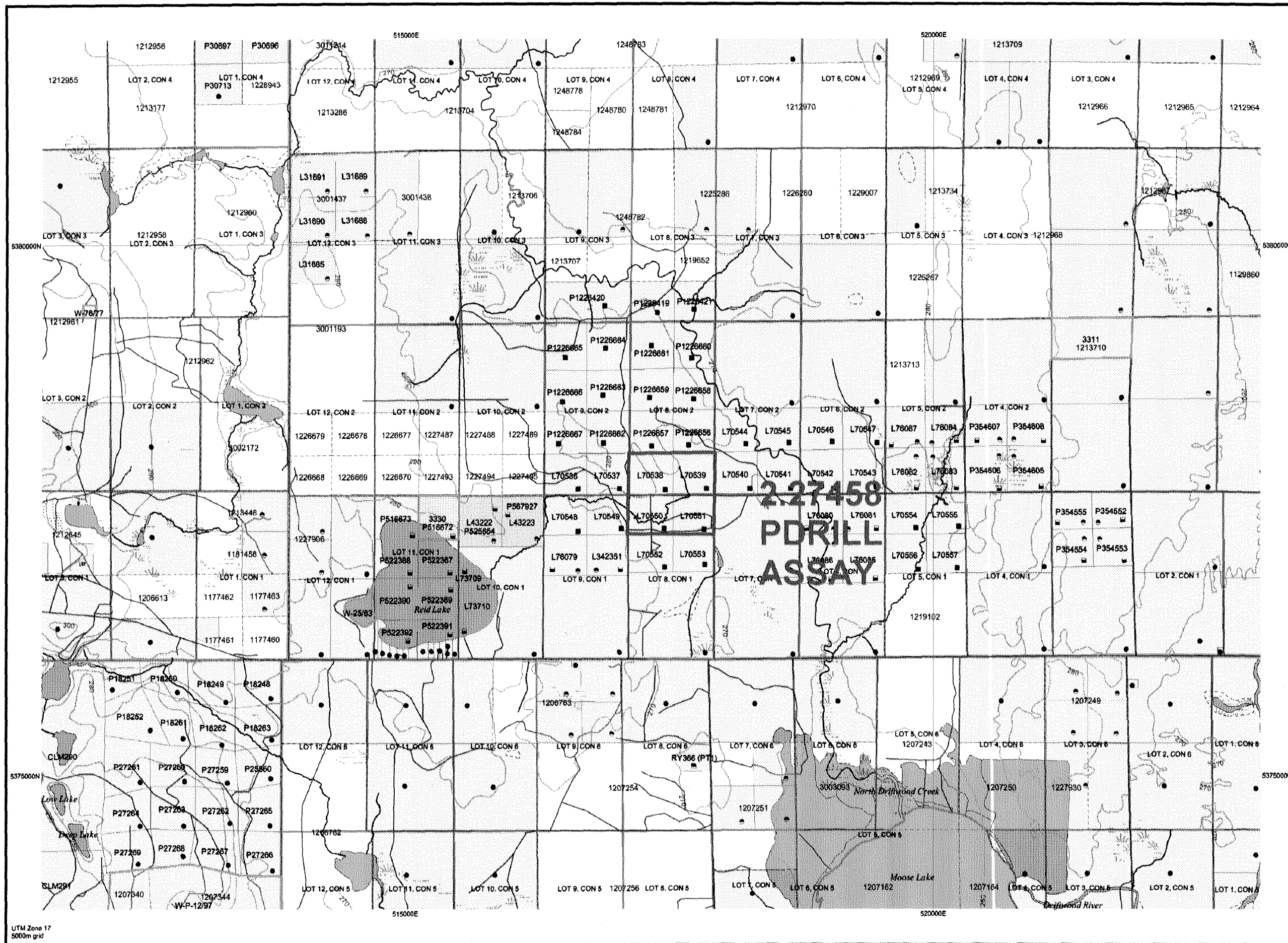
TOWNSHIP / AREA
STOCK

PLAN
G-3248

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

Porcupine
COCHRANE
TIMMINS



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

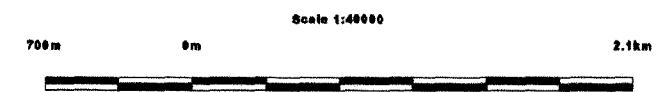
Land Tenure

- 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

- 1234 Areas Withdrawn from Disposition
- Mining Act Withdrawal Types
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn
- Order in Council Withdrawal Types
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn

IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
3311	Wsm	Jan 1, 2001	APPLICATION PENDING UNDER P.L.A. FOR SURFACE RIGHTS
3330	Wsm	Jan 1, 2001	RESERVE FOR RECREATIONAL PURPOSES S.R.O. 188543 UNDER SEC. 3 P.L.A.
3395	Wsm	Jan 1, 2001	SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE BY ORDER NO. W-P-56/93 NER DATED SEPT. 27 1993 SECTION 35, THE MINING ACT, R.S.O. 1990 (FOREST TEST PLOTS)
W-25/83	Wm	Jul 15, 1983	July 15/83 M.R.O. reservation under the Beds of Navigable Waters Act
W-76/77	Ws	Jan 1, 1980	SURFACE RIGHTS ONLY WITHDRAWN UNDER SECTION 43 OF THE MINING ACT R.S.O. 1970 ORDER NO. W-76/77 DATED 77-SEP-22 (SLUDGE DISPOSAL SITE)
W-P-12/97	Ws	May 2, 1997	SURFACE RIGHTS ONLY WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE BY ORDER NO. WP 12/97 NER DATED MAY 2/97 SECTION 35 THE MINING ACT, R.S.O. 1990

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

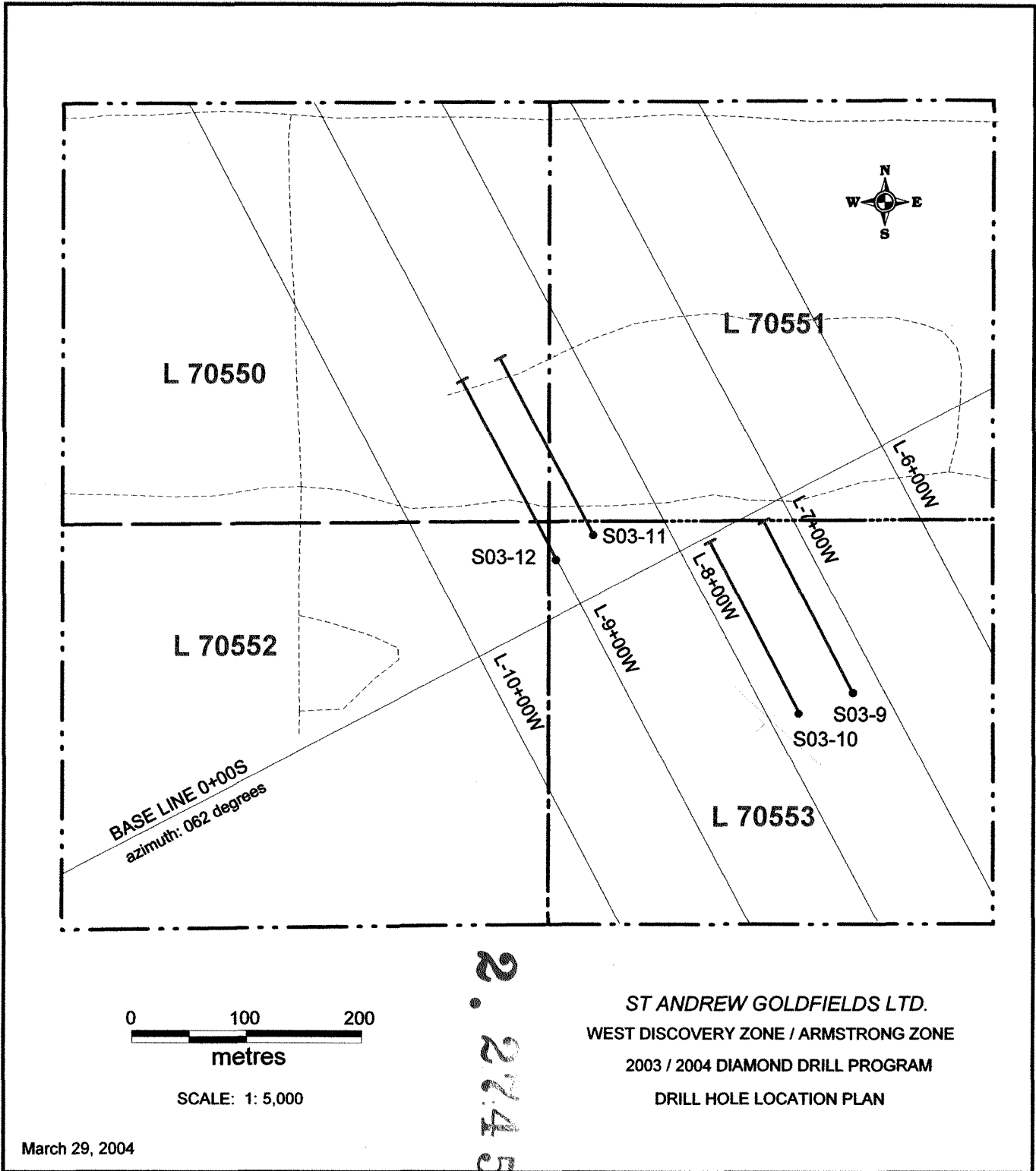
General Information and Limitations

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/MINESLANDS/mimnpgp.htm

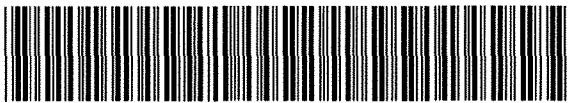
Toll Free: 1 (888) 415-9845 ext 579, Fax: 1 (877) 670-1444

Map Datum: NAD 83, Projection: UTM (8 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.



2. 27458



42A10SW2035 2.27458 STOCK



**DDH S03-10
SECTION 775W
Looking West**

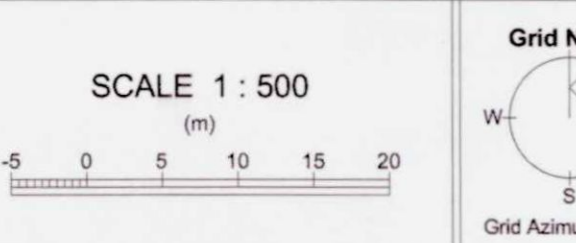
ROCK CODES

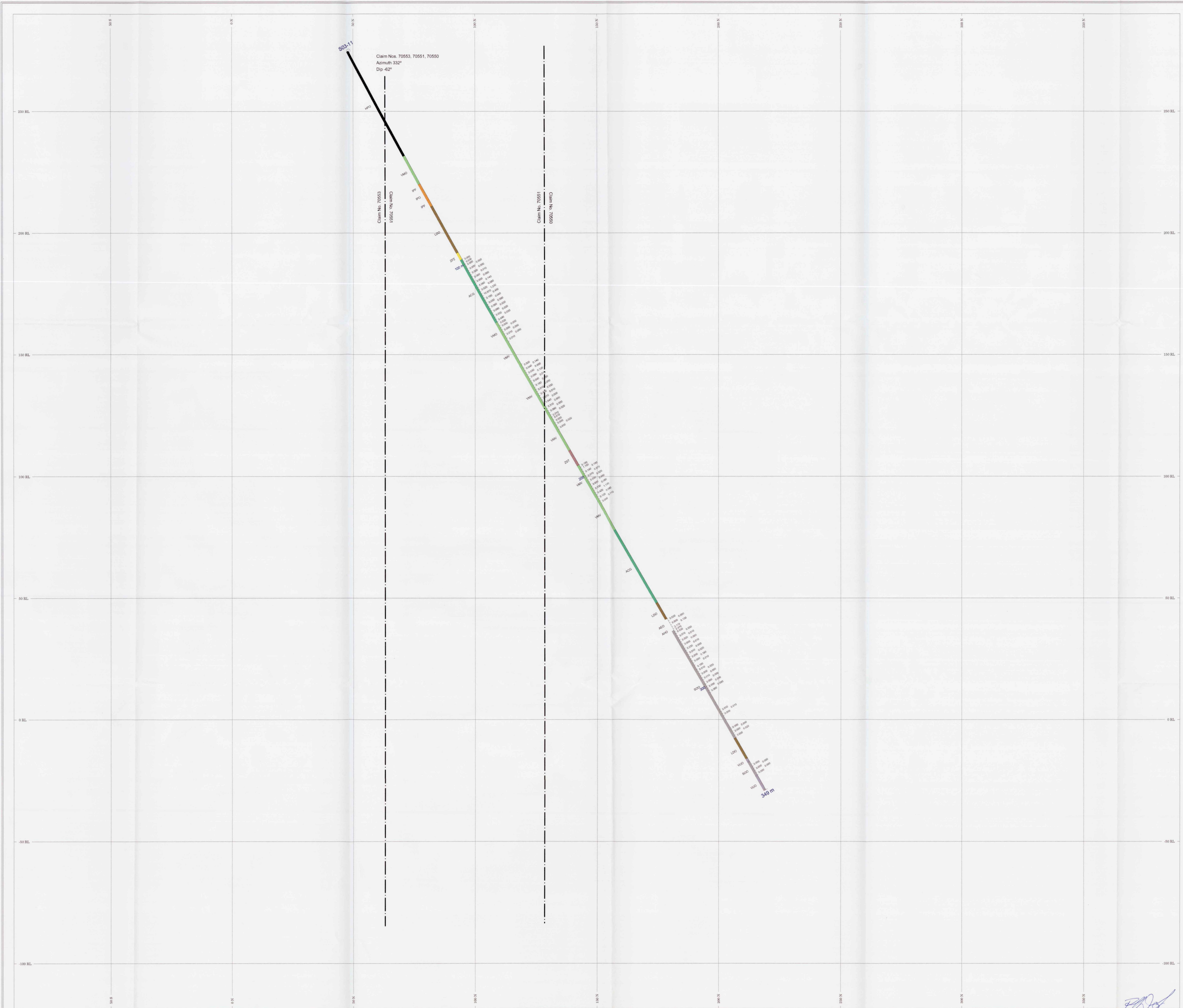
CODE	DESCRIPTION
ACG	green carbonate altered rock
ACO	carbonate altered rock
ACF	barite, carbonate altered rock
HFO	overburden, undivided
IP2	quartz feldspar porphyry
IPF	feldspar porphyry
IPC	felsic porphyry intrusive
LDO	late diorite / dolerite
SSG	gneiss
VMO	mafic volcanic - basalt, andesite
VUV	mafic volcanic - variolite
VLD	ultramafic volcanic
ZST	late diorite suture
SIO	fine grained sedimentary
UNA	undivided
ANL	angite
ZFZ	fault zone
VMM	mafic volcanic
HCL	casing
ZCO	caliche
ZGO	gravel

ASSAYS Au (g/t)

SECTION SPECS:

REF. PT. E. N	-775 m	0 m
EXTENTS	479.5 m	408.5 m
SECTION TOP, BOT	290 m	-118.5 m
TOLERANCE +/-	40 m	





**DDH S03-11
SECTION 850W
Looking West**

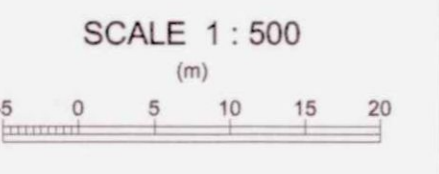
ROCK CODES

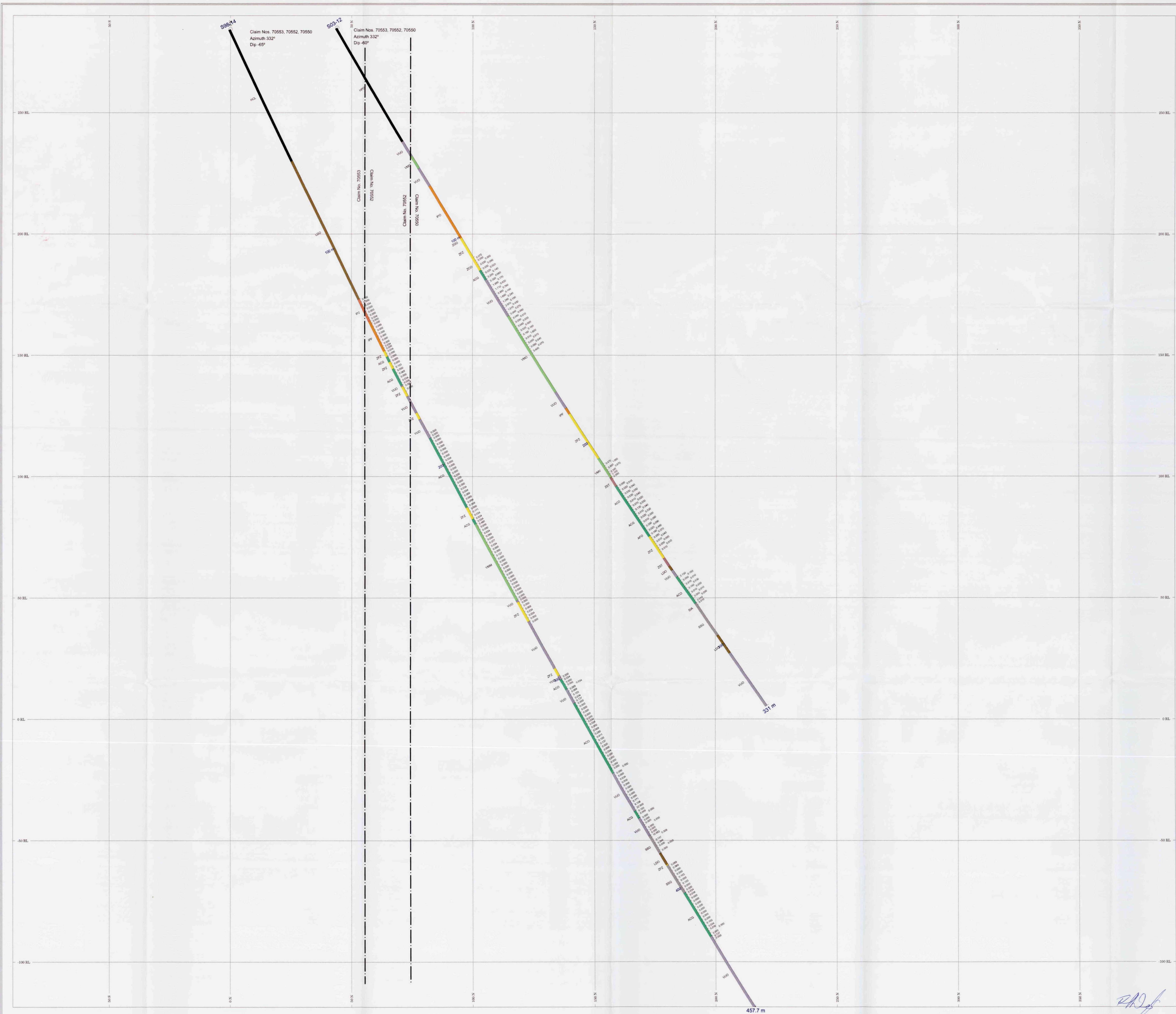
CODE	DESCRIPTION
ACI	green carbonate altered rock
ACO	carbonate altered rock
AFO	fuchsite, carbonate altered rock
HPO	quartz feldspar porphyry
HPF	felsic porphyry
IPD	felsic porphyry intrusion
LDO	late diorite / diorite
SGG	gabbro
MSO	mafic volcanic: basalt, andesite
MSM	mafic volcanic: andesite
VUO	ultramafic volcanic
ZIT	zoned intrusion
SG	fine grained sediment
SA	argillite
FZ	fault zone
MSM	mafic volcanic
HCL	casing
ZCO	carbonate
GRG	gravel

ASSAYS Au (g/t)

SECTION SPECS:

REF. PT. E, N -850 m 150 m
EXTENTS 479.5 m 408.5 m
SECTION TOP, BOT 200 m -118.5 m
TOLERANCE +/- 40 m





DDH S03-12
SECTION 900W
Looking West

- ROCK CODES**
- | CODE | DESCRIPTION |
|------|-----------------------------------|
| ACG | green carbonate altered rock |
| ADO | carbonate altered rock |
| AFO | fuchsite, carbonate altered rock |
| HPO | overburden, undivided |
| IPZ | quartz feldspar porphyry |
| IPF | feldspar porphyry |
| IPO | felsic porphyry intrusive |
| LDO | late diorite / dolerite |
| LDO | greywacke |
| SSG | mafic volcanic - basalt, andesite |
| VMO | mafic volcanic - basalt, andesite |
| VAV | mafic volcanic - andesite |
| VUO | ultramafic volcanic |
| ZST | talc chlorite schist |
| SO | fine grained sediment - undivided |
| SA | argillite |
| ZFZ | fract zone |
| VUM | mafic volcanic |
| HCL | casing |
| ZCO | caliche |
| ZGO | gouge |

ASSAYS Au (g/t)

SECTION SPECS:
 REF PT E.N. 2900 m 100 m
 EXTENTS 479.5 m 408.5 m
 SECTION TOP BOT 290 m -118.5 m
 TOLERANCE +/- 40 m

