Report on Diamond Drilling on Big Southeaster Project

Port Alberni Area of
British Columbia

Claims: Big Southeaster – Tenure #399043
Little Southwester – Tenure #402612
Bull Elk 2 – 405726
Bull Elk 3 – 405727
Bull 4 – 405727
Blue Grouse 1 – 405729
Blue Grouse 2 – 405730
Baetis 2 - 415996

Total Claim Units: 62

Location: Alberni Mining Division

Owner: Barry Hanslit (67%)
Strongbow Exploration (33%)

Operator: Barry Hanslit

Report By: Barry Hanslit

Date Submitted: 6th of March 2006

28,155

Table of Contents

1. Introduction

The Big Southeaster claim block consists of 62 units which were staked to cover the area South of China Ck and East of Williams Creek. The property is jointly owned by Barry Hanslit(67%) and Strongbow Exploration(33%). The operator of the property is Barry Hanslit.

The Big Southeaster claim block is covered by both new and old logging slash, the lower reached of the North facing slopes overlooking China Ck are well established second growth.

Many of the roads covering the claim have been deactivated and the only was to get around is by ATV or walking. Vehicle access is limited to China Ck. Mainline which travels the northern claim boundary of the Big Southeaster Claim.

2. Location and Access

The Big Southeaster property is accessed from Port Alberni on Vancouver Island via logging roads. The claim is located about 19km SE of Port Alberni.
The best way to access the claim is via China Ck mainline that starts about 3kms out of Port Alberni.

3. Property History

The China Creek area has a long established history of both lode and placer mining and exploration. Records show that placer mining was carried out in the China Ck watershed as early as 1862.
Lode mining/exploration started in the China Ck valley around 1890 and continues to present day.
The most significant mineral occourance on the Big Southeaster property is the Regina adits which is referred to in the BCGS Minfile Database as Minfile #092F 078
The Regina showings have been held by various operators since discovery in the 1890's, the most significant owner/operator in terms of developmental work carried out through the years is Westmin Resources. Westmin conducted various drilling, geochemical and geophysical programs during the 1980's and early 90's.

4. Diamond Drilling

Diamond drilling in 2005 consisted of a drill hole in the same location of past setup for hole BH-04-02 drilled in 2004. In 2004 the hole was not able to be completed due to bad overburden encountered. It was decided to steepen the angle of the hole in order to reduce the amount of overburden need to be drilled to reach bedrock.

Hole BH-05-01 was started on October 9th and it was finally decided to stop drilling on October 12th due to once again inability to reach bedrock. A depth of 147 feet was attained with BW casing before the casing started to wash out causing the casing to "whip" in the hole. The last 35 feet encountered large boulders roughly 2 to 3 feet in diameter. Overburden was cored from a depth of 103 feet. It has been kept and is in storage in Nanaimo, British Columbia.

Specifics for the hole are as follows:
Coordinates: NAD83 378468E, 5446952N
AZ/Dip: 280 Degrees/65 Degrees

Refer to Map 2 for location of drill hole.

5. Assays

Assays were decided to be completed for past drilling done in 2005 on hole BH-04-01 although the core showed very little signs of mineralization or alteration. Core logs that were submitted for this hole have been included with this report to be used in conjunction with the assays. The following is a table for the assays done by Cominco Labs.

DRIIL HOLE BH-04-01 SAMPLES

SAMPLE NUMBER	FROM (m)	TO (m)
7428	43.44	44.30
7429	44.36	44.63
7490	49.49	49.57
7491	56.43	56.51
7435	60.60	61.60
7436	61.60	62.10
7437	62.10	63.10
7438	63.10	64.10
7439	64.10	65.10
7430	44.65	45.65
7431	45.65	46.50

7432	46.50	47.50
7433	47.50	48.11
7434	48.11	49.11
7440	65.10	65.60
7492	73.92	74.03
7441	76.96	77.04
7493	80.86	80.99
7442	82.64	83.14
7443	83.14	83.64
7444	83.64	84.14
7494	89.80	89.92
7445	96.01	97.06
7446	97.06	98.36
7447	98.36	98.88
7495	98.88	99.00
7449	99.28	100.30
7454	100.30	101.30
7455	101.30	102.11
7456	102.11	102.62
7457	102.62	104.44
7458	104.44	105.00
7459	105.00	105.62
7460	105.62	105.85
7461	105.85	106.87
7462	106.87	107.95
7463	107.95	108.85
7464	108.85	109.40

See attached Cominco Lab files for assays results.

5. Future Exploration on Property

At the time of writing sale of the property is being finalized. It is not known what plans the new owners have for exploration.

6. Statement of Qualifications

I Barry Hanslit of 3380 Hammond Bay Rd. Nanaimo, B.C. do hereby declare the following.

1. I have completed a "Prospecting Course" in 1991 given by a representative of Manitoba Natural Resources at Falcon Lake, Manitoba.

2. I have be prospecting for the last 12 years on both Manitoba and more recently British Columbia

3. I have worked on several prospects and developed prospects in Manitoba during the years 1990 to 1994

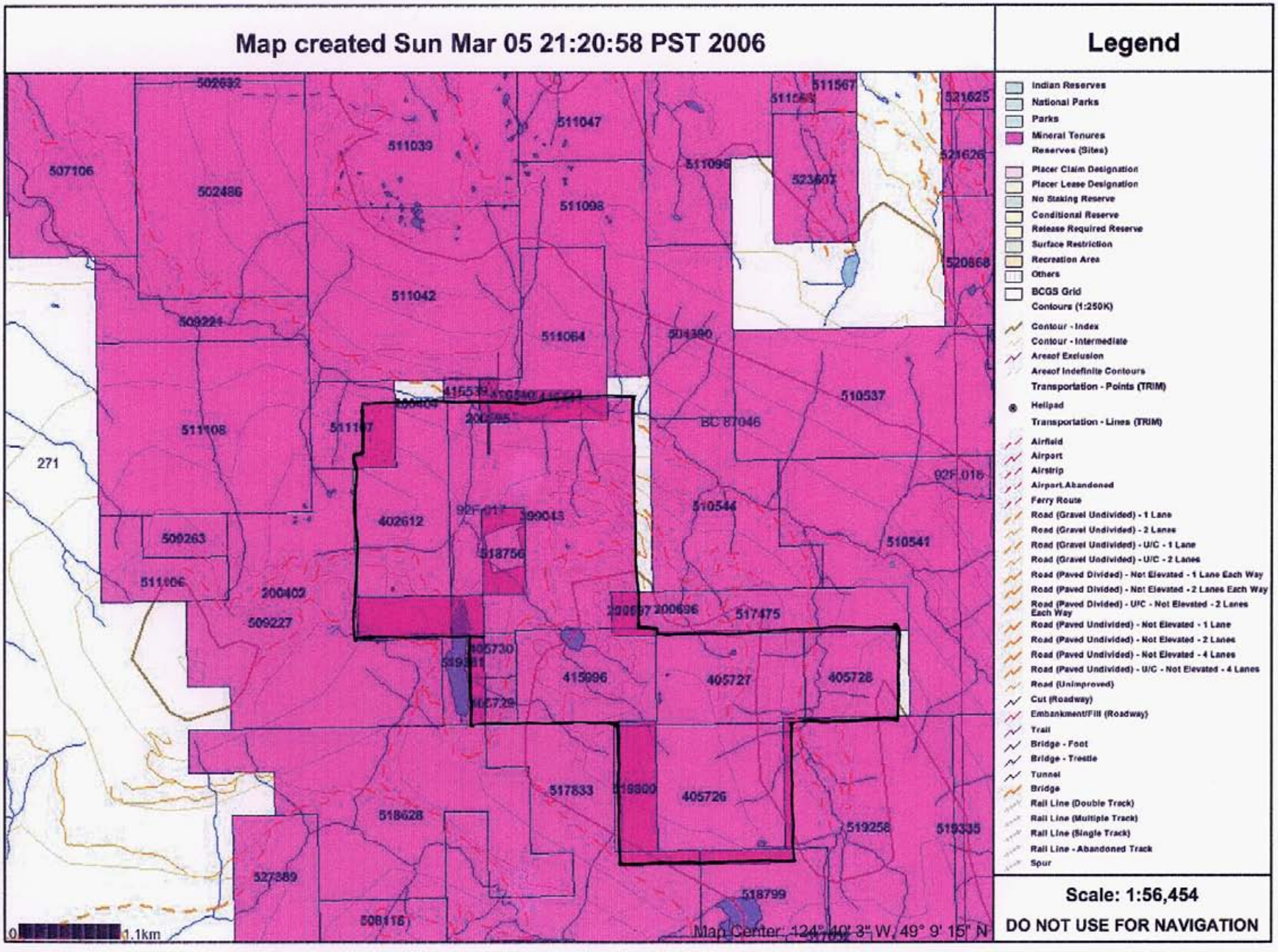
4. Currently operator of a joint venture with Strongbow Exploration of Vancouver British Columbia

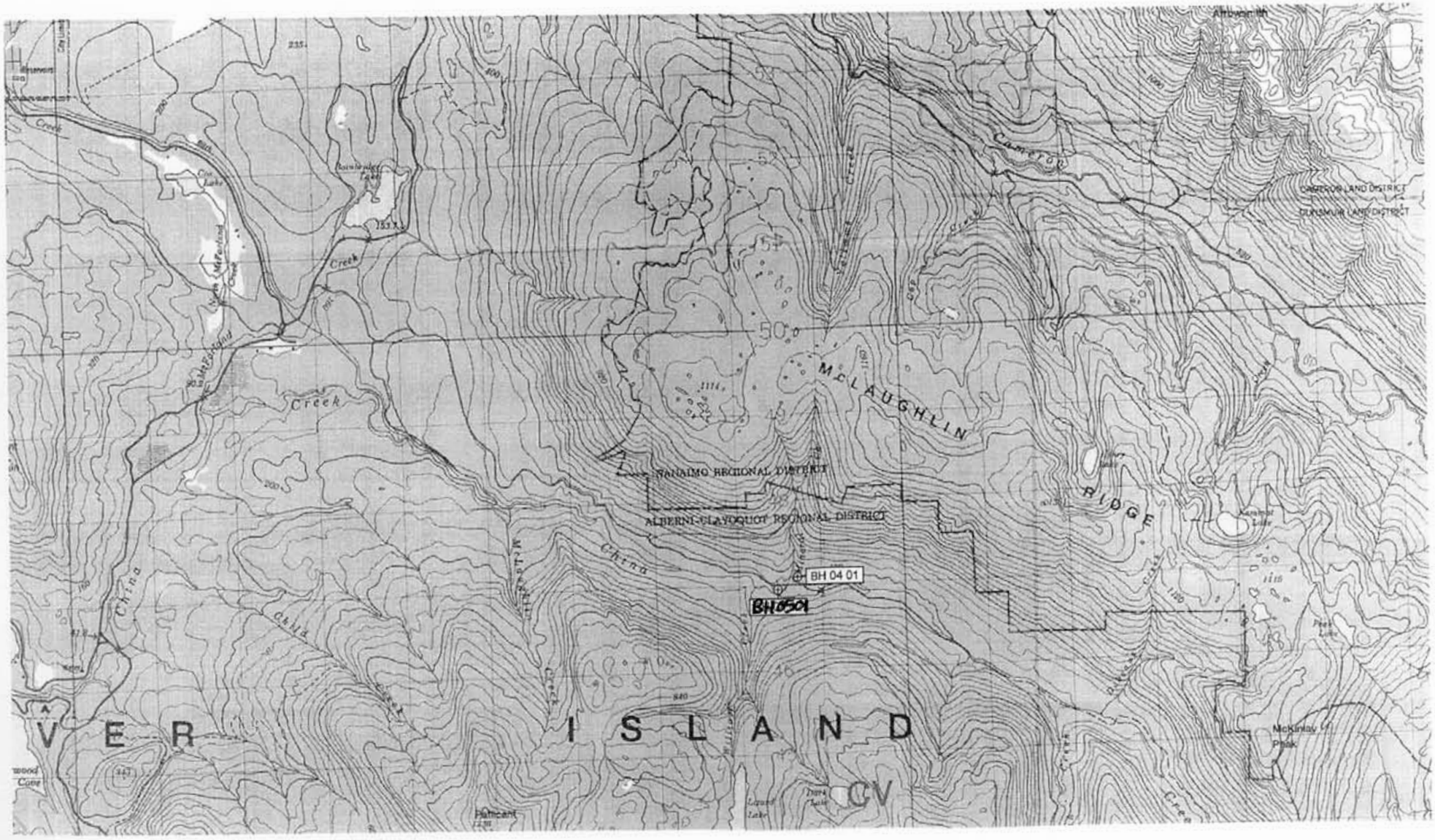
5. Held the position of Project Operations Manager with Stornoway Diamonds from 2004 to 2005

Breakdown of Exploration Costs - 2005

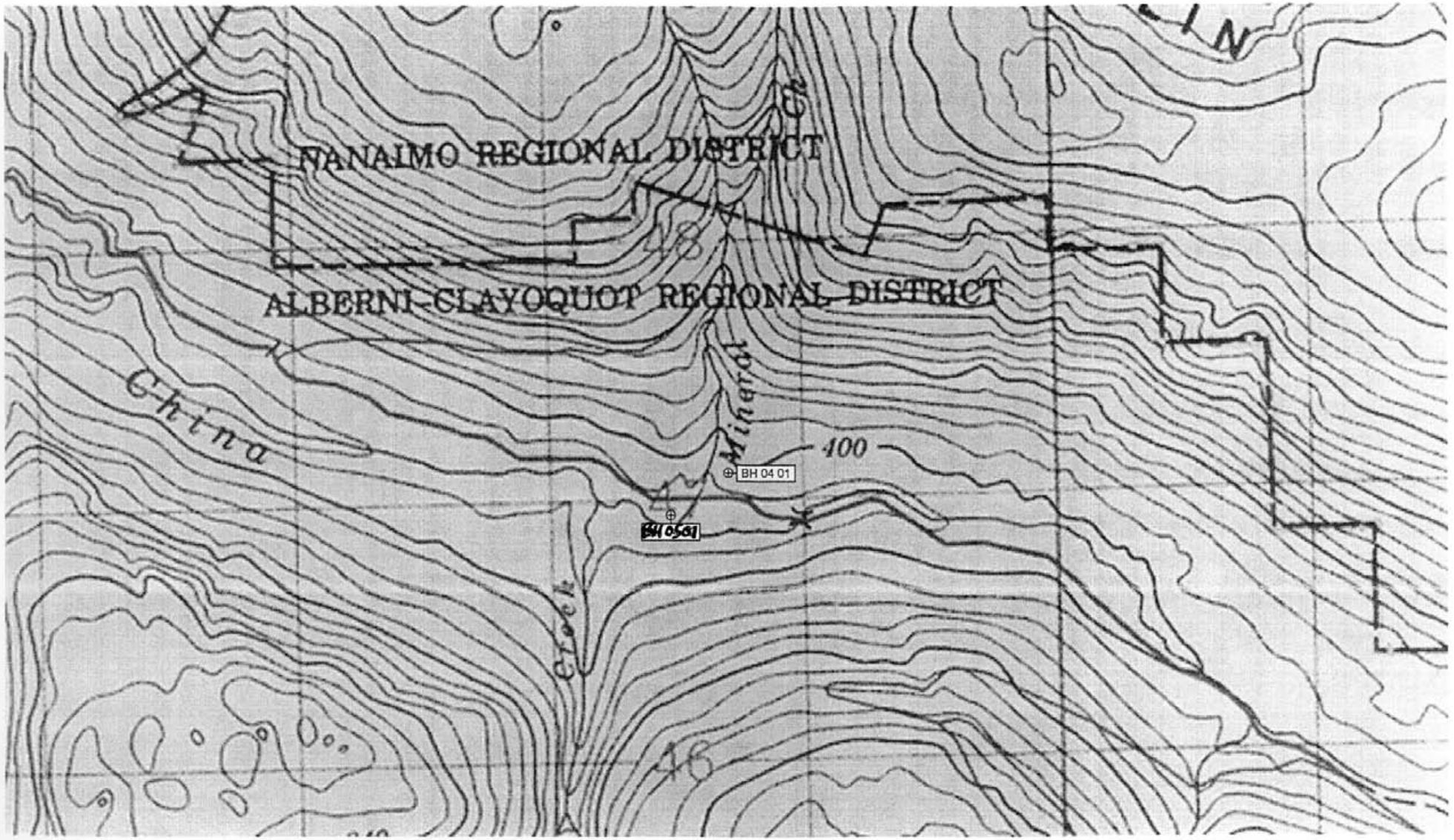
Diamond Drilling(Hole 2005-BH-01)	$8,000
Assays	$350
Total	~~$31,000~~ 8,350

Big Southeaster Claim Block





Map 2 Overview of Area



Map 3

Drill Hole Locations

teckcominco

Global Discovery Labs

STRONGBOW EXPLORATION-X04

HANSLIT:#7335

Report date: 22 APR 2005

Job V 05-0181R

LAB NO	FIELD NUMBER	Rb(P) ppm	Sr(P) ppm	Y(P) ppm	Zr(P) ppm	Nb(P) ppm	Au(4) g/t	Au(Q) ppb	Pt(Q) ppb	Pd(Q) ppb
R0502745	7490	19	368	20	105	6				
R0502746	7491	63	276	24	96	6				
R0502747	7492	58	298	8	109	6				
R0502748	7493	32	222	39	105	7				
R0502749	7494	14	366	35	187	7				
R0502750	7495	91	146	35	143	6	0.211			
R0502751	7428						<0.034			
R0502752	7429						<0.034			
R0502753	7430						<0.034			
R0502753 rpt	7430 rpt						<0.034			
R0502754	7431						<0.034			
R0502755	7432						<0.034			
R0502756	7433						0.092			
R0502757	7434						<0.034			
R0502758	7435						<0.034			
R0502759	7436						0.118			
R0502760	7437						<0.034			
R0502761	7438						<0.034			
R0502761 rpt	7438 rpt						<0.034			
R0502762	7439						<0.034			
R0502763	7440						<0.034			
R0502764	7441						0.500			
R0502765	7442						<0.034			
R0502766	7443						0.052			
R0502767	7444						<0.034			
R0502767 rpt	7444 rpt						<0.034			
R0502768	7445						0.040			
R0502769	7446						<0.034			
R0502770	7447						<0.034			
R0502771	7448						0.053			
R0502772	7449						<0.034			
R0502773	7454						<0.034			
R0502774	7455						0.108			
R0502775	7456						<0.034			
R0502776	7457						0.041			
R0502777	7458						<0.034			
R0502778	7459						<0.034			
R0502779	7460	111	135	44	216	11	0.065			
R0502780	7461						0.079			
R0502781	7462						0.052			
R0502782	7463						<0.034			
R0502783	7464						<0.034			
R0502784	7496							2	5	4
Rpt. Value	STD: SY-4	56	1199	113	533	16				
Ref. Value	STD: SY-4	55	1191	119	517	13				
Rpt. Value	STD: OXL23						1.867			
Ref. Value	STD: OXL23						1.844			
Rpt. Value	STD: UMT-1							48	125	104

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

Report date: 22 APR 2005 Job V 05-0181R

LAB NO	FIELD NUMBER	Rb(P) ppm	Sr(P) ppm	Y(P) ppm	Zr(P) ppm	Nb(P) ppm	Au(4) g/t	Au(Q) ppb	Pt(Q) ppb	Pd(Q) ppb

If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Rb(P) X-Ray fluorescence / pressed pellet
Sr(P) X-Ray fluorescence / pressed pellet
Y(P) X-Ray fluorescence / pressed pellet
Zr(P) X-Ray fluorescence / pressed pellet
Nb(P) X-Ray fluorescence / pressed pellet
Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A.T.
Au(Q) Fire Assay-Lead Collection/Graphite Furnace
Pt(Q) Fire Assay-Lead Collection/Graphite Furnace
Pd(Q) Fire Assay-Lead Collection/Graphite Furnace

Fred Lo, Chemist-Teck Cominco G.D.L.

COMMENTS:

Rpt. Value = Repeated value of standard
Ref. Value = Reference value of certified standard
STD: SY-4 = Certified Reference Material
STD: OXL23 = Certified Reference Material

S.M. Clark, Certified Assayer, Prov. of B.C.

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STRONGBOW EXPLORATION-X04
HANSLIT:#7335

teckcominco
Global Discovery Labs

Report date: 05 APR 2005

Job V 05-0181R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0502745	7490	68	1675	224	<.4	<2	30	<1	44	307	5.41	<2	481	<5	<5	132	<2	<2	92	6	<2	820	4.47	0.46	4.12	4.60	0.02	0.01	502
R0502746	7491	67	509	105	0.6	<2	249	<1	28	177	6.83	<2	252	<5	<5	90	<2	<2	101	9	<2	486	1.88	0.35	2.41	6.55	0.05	0.16	467
R0502746 rpt	7491 rpt	76	545	115	0.4	<2	255	<1	29	186	7.17	<2	272	<5	<5	91	2	<2	106	10	<2	496	1.97	0.38	2.54	6.75	0.02	0.17	500
R0502747	7492	<1	49	48	<.4	<2	107	<1	10	16	2.40	<2	23	<5	<5	28	<2	<2	134	4	<2	304	0.79	<.01	1.41	2.82	0.05	0.19	497
R0502748	7493	63	73	99	<.4	<2	28	<1	46	160	5.54	<2	272	<5	<5	141	5	<2	71	10	<2	906	3.51	0.68	3.87	7.46	0.02	0.08	630
R0502749	7494	37	129	91	<.4	<2	<5	<1	29	121	5.59	<2	157	<5	<5	143	<2	<2	69	12	<2	890	3.64	0.47	3.83	4.06	0.03	0.01	1493
R0502750	7495	7	35	53	0.8	51	15	<1	19	64	4.92	<2	34	<5	<5	40	<2	<2	91	13	<2	408	0.90	<.01	1.25	4.36	0.06	0.23	1661
R0502751	7428	67	68	64	<.4	<2	73	<1	32	173	3.89	<2	301	<5	<5	108	2	3	206	9	8	798	3.15	0.16	2.83	8.42	0.02	0.11	2583
R0502752	7429	44	10	57	<.4	<2	118	<1	21	114	8.90	<2	124	<5	<5	46	2	<2	78	7	<2	639	0.65	0.10	1.01	6.15	0.02	0.12	588
R0502753	7430	63	18	76	<.4	7	98	<1	21	87	3.57	<2	112	<5	<5	59	3	2	169	10	<2	933	1.57	0.01	2.00	9.63	0.02	0.20	856
R0502754	7431	66	24	97	<.4	<2	42	<1	28	90	5.70	<2	140	<5	<5	102	2	<2	94	10	4	954	2.89	0.07	3.31	5.80	0.02	0.17	1554
R0502755	7432	85	<4	53	<.4	<2	202	<1	26	70	4.66	<2	132	<5	<5	109	<2	4	173	12	7	807	2.61	0.02	2.65	7.67	0.02	0.12	2120
R0502756	7433	31	<4	80	<.4	<2	59	<1	18	9	5.91	<2	15	<5	<5	72	<2	<2	133	11	<2	1029	2.03	0.03	2.84	5.70	0.02	0.26	1512
R0502757	7434	66	<4	63	<.4	<2	40	<1	38	206	5.35	<2	302	<5	<5	115	3	<2	114	10	<2	875	3.43	0.23	3.36	7.22	0.02	0.08	1119
R0502758	7435	82	<4	78	<.4	<2	38	<1	46	208	5.82	<2	285	<5	<5	128	<2	<2	131	11	<2	908	3.93	0.27	4.05	8.02	0.01	0.09	607
R0502759	7436	83	<4	66	<.4	17	13	<1	42	162	5.41	<2	174	<5	<5	107	2	<2	197	11	<2	731	2.57	0.17	3.11	7.65	0.02	0.13	951
R0502760	7437	57	<4	77	<.4	2	17	<1	37	155	5.71	<2	185	<5	<5	105	<2	<2	125	10	<2	899	3.46	0.13	3.83	6.82	0.01	0.11	806
R0502761	7438	43	<4	78	<.4	3	46	<1	33	146	6.11	<2	174	<5	<5	128	<2	<2	107	12	<2	865	3.35	0.32	3.90	6.33	0.02	0.05	910
R0502762	7439	32	<4	85	<.4	10	31	<1	29	134	5.27	<2	147	<5	<5	90	2	<2	74	11	<2	748	2.61	0.30	3.08	4.82	0.02	0.09	955
R0502762 rpt	7439 rpt	31	<4	84	<.4	5	30	<1	28	132	5.17	<2	143	<5	<5	95	4	<2	75	10	<2	738	2.58	0.32	3.05	4.82	0.05	0.10	926
R0502763	7440	38	<4	109	<.4	<2	7	<1	33	133	7.04	<2	137	<5	<5	121	3	<2	79	13	<2	999	3.21	0.35	4.06	5.10	0.01	0.04	1278
R0502764	7441	114	8	59	<.4	61	93	<1	17	66	8.79	<2	88	<5	<5	90	<2	<2	138	8	<2	758	1.90	0.01	2.62	8.28	0.01	0.03	673
R0502765	7442	33	<4	38	<.4	3	9	<1	20	63	3.47	<2	114	<5	<5	35	4	<2	226	11	<2	846	1.29	0.01	1.69	14.55	0.01	0.17	586
R0502766	7443	35	<4	46	0.5	28	10	<1	23	84	4.04	<2	124	<5	<5	43	4	<2	201	10	<2	727	1.46	0.01	1.93	10.78	0.05	0.16	566
R0502767	7444	125	<4	70	0.5	6	23	<1	27	92	5.51	<2	111	<5	<5	83	<2	<2	143	8	<2	774	2.23	0.01	2.88	7.85	0.04	0.12	938
R0502768	7445	36	<4	58	1.0	97	61	<1	25	81	4.96	<2	107	<5	<5	75	3	2	182	15	<2	955	2.54	<.01	2.15	9.31	0.05	0.14	1142
R0502769	7446	79	<4	67	<.4	<2	71	<1	30	86	5.40	<2	182	<5	<5	126	<2	<2	88	10	<2	778	3.34	0.07	3.25	5.38	0.03	0.11	1054
R0502770	7447	44	<4	61	<.4	<2	199	<1	21	62	4.79	<2	72	<5	<5	77	3	<2	108	11	<2	661	2.42	0.01	1.95	5.39	0.06	0.18	1136
R0502771	7448	61	<4	38	1.5	193	9	<1	21	56	4.38	<2	30	<5	<5	24	2	<2	124	14	<2	642	1.45	<.01	0.66	6.07	0.02	0.23	1218
R0502772	7449	107	<4	49	<.4	9	71	<1	31	87	4.44	<2	237	<5	<5	108	<2	<2	132	9	<2	680	3.45	0.01	3.03	6.96	0.02	0.14	751
R0502773	7454	118	<4	59	<.4	<2	15	<1	35	102	3.27	<2	248	<5	<5	96	2	<2	65	8	<2	451	2.62	0.19	2.50	4.85	0.02	0.12	930
R0502774	7455	91	<4	63	<.4	<2	<5	<1	38	119	3.54	<2	330	<5	<5	117	<2	<2	76	5	<2	557	3.21	0.22	2.99	5.37	0.02	0.04	758
R0502775	7456	99	<4	58	<.4	<2	6	<1	25	81	3.73	<2	280	<5	<5	100	2	<2	83	6	<2	460	2.50	0.25	2.79	4.57	0.02	0.08	1032
R0502776	7457	43	<4	81	<.4	<2	17	<1	24	61	4.50	<2	135	<5	<5	100	2	<2	108	8	<2	460	2.25	0.34	3.01	4.19	0.02	0.11	1399
R0502777	7458	45	<4	88	<.4	<2	26	<1	21	64	5.07	<2	80	<5	<5	82	<2	<2	48	11	<2	331	0.98	0.37	2.20	3.24	0.02	0.18	1345

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LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0502778	7459	45	<4	83	<.4	14	21	<1	35	101	5.50	<2	79	<5	<5	64	2	<2	80	11	<2	359	0.89	0.12	2.07	3.94	0.02	0.18	1618
R0502779	7460	47	<4	59	<.4	3	14	<1	24	65	4.54	<2	67	<5	<5	53	2	<2	56	12	<2	268	0.95	0.20	1.82	2.48	0.02	0.23	2324
R0502780	7461	35	<4	94	<.4	21	10	<1	41	140	5.23	<2	94	<5	<5	85	<2	<2	63	9	<2	472	1.12	0.33	2.40	4.45	0.03	0.13	1634
R0502781	7462	30	<4	91	<.4	23	8	<1	35	129	5.37	<2	106	<5	<5	106	5	<2	79	11	<2	505	1.31	0.40	2.59	4.36	0.06	0.12	1727
R0502782	7463	12	<4	110	<.4	2	7	<1	34	122	5.41	<2	154	<5	<5	117	2	<2	101	10	2	774	1.96	0.36	3.09	7.63	0.03	0.05	1515
R0502783	7464	14	<4	96	<.4	<2	25	<1	27	75	5.15	<2	134	<5	<5	115	2	<2	52	11	<2	538	1.77	0.54	2.98	3.08	0.03	0.13	1489
R0502784	7496	155	<4	54	<.4	<2	217	<1	15	3	4.03	<2	15	<5	<5	108	<2	<2	60	5	<2	687	1.28	0.28	2.73	0.96	0.17	1.29	813
Rpt. Value	STD: DA	124	201	650	5.4	53	367	4	12	41	3.49	3	41	<5	6	72	2	<2	35	9	13	638	0.54	0.09	2.08	0.52	0.06	0.12	927

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

Alice Kwan.

Alice Kwan, Chemist-Teck Cominco G.D.L.

COMMENTS

Rpt. Value = Repeated value of standard
Ref. Value = Reference value of certified standard
STD: DA = In-house Standard

Teck Cominco Ltd.
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STRONGBOW EXPLORATION-X04
HANSLIT:#7335

teckcominco
Global Discovery Labs

Report date: 30 MAR 2005

Job V 05-0181R

LAB NO	FIELD NUMBER	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	Ba(F) %	LOI %	Total %
R0502745	7490	41.81	1.27	14.52	10.60		0.12	8.64	11.64	1.91	0.14	0.11	0.01	8.61	99.38
R0502746	7491	41.77	1.35	14.71	12.17		0.05	3.74	11.61	2.17	2.23	0.11	0.04	9.56	99.51
R0502747	7492	61.70	0.51	16.01	4.11		0.02	1.70	4.13	3.10	2.38	0.10	0.03	5.82	99.61
R0502748	7493	40.52	1.59	13.80	9.38		0.11	6.30	13.15	1.98	1.02	0.14	0.01	11.52	99.52
R0502749	7494	46.70	1.88	15.25	9.39		0.11	6.03	9.28	3.44	0.07	0.33	0.01	7.03	99.52
R0502750	7495	48.93	1.99	16.98	8.23		0.05	1.96	6.53	2.50	3.47	0.38	0.02	7.65	98.69
Rpt. Value	STD: SY-4	49.74	0.28	20.87	6.19		0.10	0.54	8.02	7.03	1.61	0.11	0.03	4.80	99.30
Ref. Value	STD: SY-4	49.90	0.29	20.69	6.21		0.10	0.54	8.05	7.10	1.66	0.13	0.03	4.63	99.33

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

FeO determined by acid digestion /volumetric.LOI determined gravimetrically
Other elements by Li borate fusion/XRF. Where no FeO value shown "Fe2O3" is total Fe as Fe2O3

Fred Lo, Chemist-Teck Cominco G.D.L.

COMMENTS

Rpt. Value = Repeated value of standard
Ref. Value = Reference value of certified standard
Std: SY-4 = Certified Reference Material

Lab No. R0502750 (7496): low total due to high sulfur content of 0.6 - 0.7%

Teck Cominco Ltd.
Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

DIAMOND DRILL LOG

PROJECT: Big Southeaster **START DATE:** April 21st, 2004 **FINISH DATE:** April 25, 2004

HOLE NO.: BH-04-01 **AZ./DIP:** 260° / -45° Logged by: R Campbell, Feb 8-10, 2005

COLLAR COORDINATES: 378682E, 5447016N (NAD83, zone 10W)

NO. OF DEVIATION TESTS: None.			
METHOD: N/A			
Depth	Az/Dip	Depth	Az/Dip

REMARKS: → All angles measured with respect to core axis

→ qtz = quartz; hm = hematite; r = rubble or broken core; slk = slickensides; amg. = amygdules; cc = calcite

FR OM (m)	TO (m)	DESCRIPTION	STRUCTURE symbol /graphic	STRUCTURE strike /dip	SAMPLES No.	SAMPLES FR (m)	SAMPLES TO (m)	SAMPLES Au (ppb)
0	43.44	Overburden. Includes various intervals of massive clay and boulders between ~16.76m and 43.44. Note recovery of massive clay at ~16.72 (in box 1) is not logged. Logging begins with box 2 (25.91m - 45.72m). 25.91 - 31.79: includes recovery of ~80cm of massive pale beige clay. 31.79 - 43.44: includes recovery of ~1.5 m of rounded pebble size rock fragments and rubble as well as ~80 cm of competant core ~5cm to ~25cm in length. Entire interval is interpreted as drill grind and coring of pebble to boulder size layer at / near base of overburden. Predominant lithology is mafic volcanic possibly grading to intermediate volcanic and very similar or identical to bedrock below.						

DIAMOND DRILL LOG
PROJECT: Big Southeaster
HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE		SAMPLES			
			Graphic	Dip @ depth	No.	FR (m)	TO (m)	Au (ppb)
43.44	44.30	Intermediate to Mafic Volcanic (Flows?) Green to dark green, generally fine grained to aphanitic, moderately well foliated or locally laminated. Highly chloritic (greenstone metamorphic grade). Frequent patches and streaky layers of bleaching light green or less frequently pale yellow. Generally competent but highly fractured. Numerous generations of fine (<1mm to 2mm) irregular calcite +/- quartz veinlets rarely up to a few cm thick. Many calcite +/- quartz veinlets display irregular "crack and seal" shapes. Narrow (generally <0.5cm) clay gouges are common, typically 1 to 2 per 1 metre. - low apparent RQD (not actually measured.) - non-magnetic - occassional evidence of pillow rinds as darker green selvages, <1 to a few cm thick - Sulphide content quite low typically only trace fine grained disseminated pyrite <<1%	✓ ✓ ✓ ✓ ✓	@ 43,70 clay 65° @44.07	7428 7429	43.44 44.36	44.30 44.63	(pending)
44.30	44.48	Quartz-hematite Vein: white to light grey highly fractured (healed) quartz veins with secondary or late hematite overprint. Upper contact contorted at ~80°, lower contact 65°. Mixed quartz veins, silica flooding and minor volcanic layers, minor (<1%) very fine grained disseminated sulphides on a fracture, possibly arsenopyrite.	80° @44.30 qtz+hm 65° @44.48					
44.48	44.59	Intermediate to mafic volcanic (flow) - like at 43.44 + fk.	✓					

DIAMOND DRILL LOG

PROJECT: Big Southeaster

HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE		SAMPLES			
			Graphic	Dip @ depth	No.	FR (m)	TO (m)	Au (ppb)
		(48.11 - 73.81 continued)			7490	49.49	49.57	(whole rock)
		-> wide occasional fine grained irregular maroon mineral, typically within calcite +/- quartz veinlet. Quite hard - possibly garnet - in part retrograded (diffuse grain boundaries. see examples at ~53.48, and ~54.54.	v	75° @53				
		-> @ ~54.36 - 1st indication of magnetite found in darker grey pods or lenses along possible pillow selvages - up to a couple cm. thick. e.g. @ 53.60 to 53.90, ~54.15, ~54.52, ~54.59, ~55.82, 56.48 and 57.05. Magnetite appears to end below 57.05	v		7491	56.43	56.51	(whole rock)
		57.45 - 58.27 : Fault zone - moderately to broken core with strongly chloritic composition and remnants of thin clay gouges. Appears to be 40cm of lost core (some uncertainty as to exact zone(s) of lost core). Overall fracturing of preserved core suggests this relatively weak or minor fault zone related to two main gouges of uncertain orientation possibly ~80° (upper) and possibly ≈40 to 50°	57.45 r r r 40cm lost core r r r r 58.27	80°? 40°? 50°?				
		58.27 and following - as above but non magnetic	v	75° @53				
		62.46 - 62.70 : some mild drill grind - possibly 5cm core loss	v ~63.60		7435 7436	60.60 61.60	61.60 62.10	
		~63.60 - 65 : mostly rubbly core, overall about 75cm core loss or ground core. Occassional remnants of fault gouge but no measureable fault	r ~75cm lost core r ~65.0 v		7437 7438 7439	62.10 63.10 64.10	63.10 64.10 65.10	

DIAMOND DRILL LOG

PROJECT: Big Southeaster

HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
44.57	44.65	Quartz-hematite vein; like at 44.30 - broken contacts; lower contact at 35° green clay gouge (~2mm thick). Late pod-like white quartz crosscuts early semi conformable silicification and hematite. Only trace sulphides (<<1%)	broken @ 44.57 fault; broken/lost contact @ 44.65	35° clay @ 44.65				
44.65	47.50	Intermediate to mafic Volcanic Flow - like at 43.44.	✓	70° @ 44.85	7430	44.65	45.65	
			✓		7431	45.65	46.50	
			46.30 Rubble 46.45		7432	46.50	47.50	
		@ 46.58: 1cm qtz vein, minor pyrite (<1%) in footwall (35° tca). = 3cm wide fracture zone encompasses quartz vein		1cm qtz 35° @ 46.58				
47.50	48.11	Mafic Volcanic (?) - Dyke? : Green grey to dark grey, homogenous fine grained, near massive fabric. Change is abrupt but contact/transitions are broken. Appears to be different/distinct phase of volcanics, possibly a dyke. - Noticeably more disseminated fine grained pyrite (1% - at locally ~1.5-2.0%). Pyrite also lines fine fractures. Calcite absent from matrix but still in fractures. Tends also to have more vugs along calcite fractures.	47.50 broken/lost contact		7433	47.50	48.11	
48.11	73.81	Intermediate to mafic Volcanic Flow - like above at 43.44. -> less fractured, less calcite veining +/- quartz but still bits of carbonate in matrix -> trace <<1% pyrite	✓ 48.20 Rubble 48.53 (5cm and loss.) ✓	75° @ 48.83	7434	48.11	49.11	

DIAMOND DRILL LOG
PROJECT: BIS Southeaster
HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE		SAMPLES			
			Graphic	Dip @ depth	No.	FR (m)	TO (m)	Au (ppb)
		(48.11 – 73.81) continued). @ 66.95 – 2mm. limonitic + carbonate filled open fracture with minor clay	✓	75° / @ 66.95	7446	65.10	65.60	
		@ 70.52 – reactivated fracture parallels contact of thin (1/2cm) calcite vein + appears to be related to minor fault(?) with normal movement sense. → Below 70.52 & generally near massive. fabric now or only weak foliation.	✓	55° / @ 70.52				
		~73.70 : thin band of magnetitic volcanic. (≤ 1–2cm wide) corresponds with mm-scale dark grey wispy interlayers. Note also bright red hematitic overprinting fractures above and below magnetic zone.	✓					
73.81	76.71	Intermediate Dyke : → Upper contact sharp chill margin around. 60°. Greenish grey porphyritic dyke. Aphanitic to fine grained matrix with ~2% to 10% medium to coarse grained phenocrysts. Matrix and phenocrysts show overall coarsening downhole. Predominant phenocryst is greyish white anhedral to locally subhedral feldspar. Between ~74.40 and 74.60, are 5 to 20% white carbonate altered (to sericite ?) irregular phenocrysts, fine to coarse grained. Locally a fine grained matrix appears comprised of ~95% feldspar + 5% fine to very fine mafic flecks likely biotite → locally weakly to moderately magnetic (eg. ~73.85) → weak calcite alteration apparent throughout but stronger between ~74.40 and 76.00. - Local limonitic patches centered around or between fractures eg. at 75.0, 75.28, 75.50 and between 75.78 and 75.95.	◇	60° ± / @ 75.50	7492	73.92	74.03	(whole rock)

DIAMOND DRILL LOG
PROJECT: Big Southeaster
HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
		(73.81 – 76.71 continued) - no significant visible sulphide content. - generally competent with out significant fracturing - limonite and bleaching upper ~10-15cm below upper contact and above lower contact. - @ 76.71: lower contact with chilled margin ~5cm thick, sharp at ~60°	◊	50° lm @ 75.78 55° lm @ 75.95				
76.71	78.87	Intermediate to Mafic Volcanic (Flow) - like at 43.44 - mostly fine grained, near massive or weakly foliated @ 76.96 – 77.04: Irregular band of quartz + hematite + magnetite (magnetite) + ~1% pyrite; resembles "micro iron formation" but marked by several late fractures, and late calcite, hematite alt. - rare trace sulphides (pyrite), -> green grading to light greyish green over lower 50cm. @ 78.73 - Thin fault gouge, gritty clay ~2mm amongst broken core; 40°.	60° contact V V 78.87	60° @ 76.71 40° @ 78.73	7441	76.96	77.04	
78.87	82.64	lapilli Tuff. (Intermediate? volcanic) - Note broken + rubbly core from 78.87 to 79.43 with ~30 cm lost core. contact / transition lost - Stripped pattern of light and dark green representing stretched, lense shaped lapilli and aphanitic chloritic matrix respectively. Approximately ~60% partially bleached light green lapilli to 40% dark green matrix - Generally competent with weak to moderate calcite veinlets and fracturing. - calcite common throughout in matrix + fractures. - well layered or foliated - generally none magnetic - little or no significant sulphides. (<1%)	• contact lost • 30 cm lost core 79.43. V V V V	65° @ 79.60	7493	80.86	80.99	(whole rock)

DIAMOND DRILL LOG
PROJECT: Big Southeaster
HOLE NO.: BN-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
		(78.87 - 82.64 continued)		80° @ 81.10				
		82.0 - 82.60: broken core - some rubble; ~25 cm core loss - might be small fault zone/gouge but lost and unmeasureable. - note increased calcite +/- quartz veinlets below continuing to lower contact of lapilli tuff.	82.0 ~25 cm core loss 82.60					
		@ ~83.40 - 83.64: Contact / Transition zone. - dominantly calcite + qtz veinlets + pods, locally up to ~2% very fine to fine grained disseminated pyrite and pyrite replacement along calcite/qtz veinlets or fractures. Predominant fabric and fracture orientation ~55°.		55° @ SK 15° / 83.55				
		@ 83.53: 55° fracture with slickensides ~15° suggesting reverse movement		55° @ 83.60				
82.64	96.01	Intermediate - mafic volcanic (Flow) (like above, at 43.44) - local weak tagamite/foliation, generally near massive; non-magnetic	~65° contact		7442	82.64	83.14	
				90° @ 83.85	7443	83.14	83.64	
					7444	83.64	84.14	
		85.3 - 85.49: - rubbly core, ~5 cm core loss - Small Fracture zone - weak limonite, very weak sericite alteration. Fine mafic grains suggest possible fragmental or volcaniclastic horizon.	85.31 ~5cm core loss 85.49					
		86.18 - 86.32: Broken core - ~5cm core loss - local small (decimetre) horizons with fine to medium stretched amygdules (parallel to foliation) filled by calcite e.g. @ 87.0 - 87.2; 90.4 - 90.6)	86.18 5cm core loss 86.32	15° cc. / @ 87.3				

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
		(82.64 – 96.01 continued).	89.0					
		89.0 - 89.70 : broken core some rubble and drill ground, ~40 cm core loss. Fractured but no clear indication of a fault zone	- Broken core/rubble ~40 cm core loss 89.70	25° / @91.3	7494	89.80	89.92	(whole rock)
		92.22 - 92.61 : broken core, some drill ground. ~22cm of lost core. Note weak limonite staining on fractures. No indication of fault / fault zone preserved.	92.22 broken core / drill grind ~22cm core loss 92.61					
		94.0 - 94.20 : 15 cm core loss - 1 piece of drill ground displays weak limonite alteration and abundant calcite + qtz veinlets.	94.0 15cm r core loss 94.20.	50° c.c. / @94.90				
96.01	~97.30	Volcaniclastic Horizon - Intermediate - Felsic volcanic? - Pale brownish alteration (sericite) interspersed with mafic-intermediate flows or volcaniclastics and quartz-calcite veinlets (one up to 7cm thick. Approximately 26cm core loss - core is broken and may be jumbled/ or mixed up in order (?). May in part be brecciated no fault gouge noted / preserved. - very fine to fine disseminated and fracture controlled pyrite locally up to ~1%.	40°? contact @96.01 96.01 r 26 cm core loss r 97.06	45° c.c. / @95.30 35° / @96.07	7445	96.01	97.06	
97.30	98.36	Intermediate - mafic volcanic - (similar to above from 43.44. but locally with calcite amygdules. and appears to include some volcaniclastic horizons	~60° contact @97.30 Int. volcaniclastics	40° / @97.06	7446	97.06	98.36	

DIAMOND DRILL LOG

PROJECT: Big Southeaster

HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
98.36	99.28	Volcanoclastic - Intermediate (to felsic locally?) - similar to around 96.01 to ~96.27 - Greenish grey to locally pale brown or beige (altered - sericitic) Predominantly aphanitic to fine grained matrix with dark coloured angular clastic fragments, ultramafic in composition but also apparent quartz clasts (fine to very fine grained) - identifiable clastic component ~1 to 5% (variable - trace sulphides (pyrite) very fine grained mainly disseminated some on very fine fractures or seams. -> appears to be more altered and felsic in composition between 99.06 and 99.28 - slightly gradational upper contact, conformable ~80° - lower contact at 99.28 marked by ~½cm fault gouge, 65° - still contains calcite (alteration + veinlets) but less than int.-mafic vol. flows	~80° contact @ ~98.36 ~65° contact @ 99.28	~65° gouge @ 99.26	7447 7495 7448	98.36 98.88 99.00	98.88 99.00 99.28	(Au + whole rock)
99.28	104.44	Intermediate to mafic volcanic - undifferentiated Pale green (bleached/altered) to dark green, generally fine grained also aphanitic and medium to coarse grained areas. Irregular patches and lenses of light green alteration obscures protolith. - may represent interlayered/mixed flows, tuffs and volcanoclastics. Clearly there are some volcaniclastic horizons but relative abundance not clear - may actually predominate. with very little true flow horizons - calcite is common in lenses, veinlets and matrix - only trace sulphides (pyrite) or < 1% at best.	85° @ 100.50		7449 7454 7455	99.28 100.30 101.30	100.30 101.30 102.11	

DIAMOND DRILL LOG

PROJECT: Big Southeaster

HOLE NO.: BH-64-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE: Graphic	STRUCTURE: Dip @ depth	SAMPLES: No.	SAMPLES: FR (m)	SAMPLES: TO (m)	SAMPLES: Au (ppb)
		(99.28 – 104.44 continued)	102.62		7456	102.11	102.62	
		102.62 – 104.44: ~1.32 m core loss; rubbly, broken core. - some increase in quartz veining, no indication of or preserved fault/fault gouge except rubbly, fractured core	1.32 m core loss		7457	102.62	104.44	
104.44	109.40	Volcaniclastic (intermediate ? composition). +/- intermediate to mafic volcanic flow. +/- amygdules of calcite (eg. 105.57 – 106.69) - upper contact not clear or gradational, selected below core loss zone. - Volcaniclastics: variably greyish green to light green (bleached) or locally pale beige to pale blue-green. Fine grained, to aphanitic with with anhedral (fine grained) clastic concentrated in local horizons (~2% to ~15%), comprised of both mafic (chloritic) and quartz. (eg. ~105.0 – 105.16). Mafic clastics predominate. → weak to moderate bleaching +/- weak sericitic alteration noted from 104 to 105 and 107 to 107.25. → very fine to locally fine grained pyrite generally disseminated throughout but at 2 or = 1% concentrations → significantly enriched pyrite zones occur in small horizons notably ~105.62 to 105.82 (2 – 3% pyrite) which is also weakly altered, bleached + sericitic, Pyrite forms irregular seams up to 2mm thick - may also be some fine quartz veinlets associated with fine fractures + quartz veinlets → 107.01 to 107.25 - also displays weak alteration (bleaching and	104.44	80° @105.20	7458	104.44	105.00	
					7459	105.00	105.62	
			105.62		7460	105.62	105.85	
			pyrite zone (1-3%)					
			105.82		7461	105.85	106.87	
			106.57 amg. cc. 106.69	40° @106.69				

DIAMOND DRILL LOG

PROJECT: Big Southeaster

HOLE NO.: BH-04-01

FROM (m)	TO (m)	DESCRIPTION	STRUCTURE		SAMPLES			
			Graphic	Dip @ depth	No.	FR (m)	TO (m)	Au (ppb)
		(104.44 - 109.40 continued)	106.87		7462	106.87	107.95	
		(107 - 107.25) and sericite) Pyrite ~ 1 to 2%, occurs in thin seams or fractures as well as disseminated	r r r 35cm core loss: 107.0					
		106.87 - 107.95 : ~35cm core loss - mostly just below ~106.87 and just above 107.95 ; interval in middle of interval is ok. forming ~35cm continuous horizon	Pyrite 1-2%					
			107.25	65° @ 107.30				
			r r r		7463	107.95	108.85	
			107.95					
		109.16 - 109.40 - mostly rubble - maybe unknown amount of core loss here - total depth uncertain (minimum depth of 109.40 m)	109.16	75° @ 107.90	7464	108.85	109.40	
		109.40 End of Hole - due to greatly exceeding the normal operating capacity of this drill (but no the drillers' well done!).	rubble. unknown core loss					
			109.40 EOH.					
		END OF HOLE @ 109.40.						