Novo Resources Corp.

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Novo Resources Provides an Update on Its Beatons Creek Project, Western Australia

VANCOUVER, August 21, 2012 - **Novo Resources Corp.** (the "Company") (CNSX: NVO; OTCQX: NSRPF) is pleased to provide an update on its Beatons Creek Gold Project, Western Australia. Leachwell (cyanide leach) gold analyses have been received from 43 reverse circulation drill holes completed at the Grants Hill target, an area where a series of shallowly dipping, gold-bearing conglomerate reefs outcrop. Results include 35 meters at 2.08 grams per tonne (gpt) gold including 3 meters at 14.26 gpt gold in hole BCRC11-002, 18 meters at 5.18 gpt gold including 1 meter at 64.19 gpt gold in hole BCRC11-013 and 11 meters at 4.15 gpt gold including 1 meter at 23.40 gpt gold in hole BCRC12-001 (see attached map and sections).

"We are very pleased with analyses from our first round of drill holes at Beatons Creek," stated Dr. Quinton Hennigh, President and CEO of Novo Resources. "Our initial drill test provides solid evidence that gold-bearing conglomerate beds underlie areas away from outcrops and historic workings at the Grants Hill target. Grants Hill is one of several locations in which gold-bearing conglomerates have been identified at Beatons Creek. Over the coming months, we plan aggressive drilling not only on Grants Hill, but on multiple new high priority targets."

Summary of Leachwell analyses from reverse circulation drill holes at Grants Hill

Hole	From (meters)	To (meters)	Length (meters)	Gold (grams per tonne)	Length (feet	Gold (oz per ton)
BCRC11-001	69	73	4	0.36	13.1	0.011
	100	104	4	0.40	13.1	0.012
BCRC11-002	**5**	**40**	**35**	**2.08**	**114.8**	**0.061**
including	**20**	**36**	**16**	**4.29**	**52.5**	**0.125**
including	**22**	**23**	**1**	**14.01**	**3.3**	**0.409**
including	**28**	**31**	**3**	**14.26**	**9.8**	**0.416**
BCRC11-003	**48**	**73**	**25**	**1.28**	**82.0**	**0.037**
including	**68**	**70**	**2**	**8.54**	**6.6**	**0.249**
BCRC11-004	73	89	16	0.48	52.5	0.014
	114	118	4	2.00	13.1	0.058
including	114	115	1	7.24	3.3	0.211
BCRC11-005	23	26	3	0.34	9.8	0.010
	46	70	24	0.50	78.7	0.015
including	46	47	1	5.76	3.3	0.168
BCRC11-006	24	26	2	0.47	6.6	0.014
	52	54	2	1.69	6.6	0.049

	62	73	11	1.08	36.1	0.032
including	62	64	2	4.27	6.6	0.125
BCRC11-007	**40**	**64**	**24**	**1.49**	**78.7**	**0.044**
including	48	49	1	3.69	3.3	0.108
including	**60**	**61**	**1**	**25.28**	**3.3**	**0.738**
BCRC11-008	19	24	5	0.53	16.4	0.015
	40	**70**	**30**	**0.98**	**98.4**	**0.029**
including	**40**	**41**	**1**	**13.89**	**3.3**	**0.406**
including	58	59	1	3.79	3.3	0.111
BCRC11-009	**38**	**74**	**36**	**1.36**	**118.1**	**0.040**
including	**44**	**46**	**2**	**9.73**	**6.6**	**0.284**
including	**61**	**62**	**1**	**19.23**	**3.3**	**0.562**
BCRC11-010	30	34	4	0.42	13.1	0.012
	67	81	14	0.32	45.9	0.009
	96	109	13	0.54	42.6	0.016
BCRC11-011	23	24	1	1.03	3.3	0.030
	74	83	9	0.43	29.5	0.013
	100	110	10	0.51	32.8	0.015
BCRC11-012	**31**	**50**	**19**	**1.41**	**62.3**	**0.041**
including	31	32	1	4.88	3.3	0.142
including	42	44	2	3.55	6.6	0.104
including	49	50	1	4.83	3.3	0.141
BCRC11-013	4	12	8	0.35	26.2	0.010
	26	**44**	**18**	**5.18**	**59.0**	**0.151**
including	**28**	**29**	**1**	**64.19**	**3.3**	**1.874**
including	**33**	**34**	**1**	**11.54**	**3.3**	**0.337**
including	37	38	1	3.78	3.3	0.110
BCRC11-014	**5**	**29**	**24**	**1.42**	**78.7**	**0.041**
including	**18**	**20**	**2**	**13.28**	**6.6**	**0.388**
BCRC11-015	68	75	7	1.77	23.0	0.052
including	68	69	1	8.05	3.3	0.235
	125	127	2	0.62	6.6	0.018
BCRC11-016	19	25	6	0.32	19.7	0.009
	47	54	7	0.34	23.0	0.010
	60	73	13	0.41	42.6	0.012
BCRC12-001	**14**	**25**	**11**	**4.15**	**36.1**	**0.121**
including	**18**	**19**	**1**	**23.40**	**3.3**	**0.683**
including	**20**	**23**	**3**	**5.42**	**9.8**	**0.158**
	35	52	17	0.41	55.8	0.012
BCRC12-002	17	20	3	0.65	9.8	0.019
	54	64	10	0.44	32.8	0.013
BCRC12-003	18	19	1	1.47	3.3	0.043
	34	57	23	0.73	75.4	0.021

including	**49**	**50**	**1**	**12.79**	**3.3**	**0.373**
BCRC12-004	32	36	4	0.35	13.1	0.010
	53	**76**	**23**	**1.86**	**75.4**	**0.054**
including	**53**	**54**	**1**	**37.78**	**3.3**	**1.103**
BCRC12-005	3	13	10	0.45	32.8	0.013
	21	37	16	0.88	52.5	0.026
including	21	23	2	3.51	6.6	0.102
	45	48	3	0.51	9.8	0.015
BCRC12-006	0	10	10	1.29	32.8	0.038
including	0	1	1	4.46	3.3	0.130
	26	34	8	0.54	26.2	0.016
BCRC12-007	38	40	2	0.58	6.6	0.017
	43	45	2	0.65	6.6	0.019
	51	55	4	0.30	13.1	0.009
BCRC12-008	12	25	13	0.56	42.6	0.016
	49	53	4	0.39	13.1	0.011
BCRC12-009	23	37	14	0.31	45.9	0.009
	68	70	2	0.74	6.6	0.022
BCRC12-010	**0**	**7**	**7**	**2.66**	**23.0**	**0.078**
including	**1**	**4**	**3**	**5.04**	**9.8**	**0.147**
	17	19	2	0.51	6.6	0.015
	54	58	4	0.43	13.1	0.013
	65	67	2	0.60	6.6	0.018
BCRC12-011	74	76	2	0.37	6.6	0.011
	82	92	10	0.40	32.8	0.012
BCRC12-012	70	73	3	0.31	9.8	0.009
	77	79	2	0.30	6.6	0.009
	88	90	2	0.34	6.6	0.010
BCRC12-013	74	76	2	1.35	6.6	0.039
	112	115	3	0.63	9.8	0.018
	122	127	5	0.51	16.4	0.015
BCRC12-014	79	89	10	0.36	32.8	0.011
BCRC12-015	85	86	1	0.50	3.3	0.015
	88	91	3	0.32	9.8	0.009
BCRC12-016	113	115	2	0.33	6.6	0.010
BCRC12-017	151	156	5	0.99	16.4	0.029
BCRC12-018	147	149	2	0.78	6.6	0.023
BCRC12-019	**91**	**123**	**32**	**0.70**	**105.0**	**0.020**
including	**91**	**92**	**1**	**9.17**	**3.3**	**0.268**
including	96	97	1	4.90	3.3	0.143
BCRC12-020	57	65	8	0.32	26.2	0.009
	78	83	5	0.31	16.4	0.009
	101	105	4	0.86	13.1	0.025

BCRC12-021	No significant values					
BCRC12-022	Hole not drilled					
BCRC12-023	137	152	15	0.38	49.2	0.011
	159	162	3	0.49	9.8	0.014
BCRC12-024	132	140	8	0.96	26.2	0.028
including	134	135	1	4.81	3.3	0.140
	157	159	2	2.06	6.6	0.060
	166	167	1	0.99	3.3	0.029
BCRC12-025	118	119	1	0.90	3.3	0.026
	126	133	7	0.39	23.0	0.011
	141	149	8	0.37	26.2	0.011
BCRC12-026	117	148	31	0.62	101.7	0.018
including	119	120	1	8.83	3.3	0.258
BCRC12-027	19	23	4	0.35	13.1	0.010
	35	**70**	**35**	**0.91**	**114.8**	**0.027**
including	**59**	**61**	**2**	**8.21**	**6.6**	**0.240**
	79	80	1	0.89	3.3	0.026
BCRC12-028	59	60	1	1.97	3.3	0.058
	71	76	5	0.30	16.4	0.009
	99	110	11	0.62	36.1	0.018

The target of Novo Resource's exploration at Grants Hill is near-surface gold-bearing conglomerate beds that outcrop along a strike of approximately 800 meters. The gold-bearing conglomerate section is estimated to range from about 15 to 35 meters in true thickness and dip at a shallow angle of about 12-15 degrees. All drill holes reported in this news release are vertical. A lower cut-off of 0.2 gpt gold and internal dilution of no more than four meters was used to calculate the weighted average intervals in the table above. Many drill intercepts include one or two high grade intervals within a broader intercept of lower gold grades. True widths of intercepts are believed to be within 85-95% of interval lengths.

Fire assay results from four meter composite samples from holes BCRC11-001 through BCRC11-016 were reported by Novo Resources in a news release dated February 14, 2012. Due to the nuggety behaviour of gold in some samples, the Company decided to undertake Leachwell analyses on one meter splits from these drill holes as well as the one meter splits from holes BCRC12-001 through BCRC12-028, drilled in the first half of 2012. The Leachwell technique utilizes a large, 1 kilogram, split of pulverized sample thereby reducing the analytic variability associated with coarse particulate gold. Because this technique uses a solution of sodium cyanide to dissolve gold, it also provides a preliminary indication of what levels of gold might be recoverable from these rocks. A selection of 566 samples from these drill holes is currently being analyzed by metallic screen assay. Results of metallic screen assays are expected back within 1-2 months.

Quality Control and Quality Assurance

Reverse circulation drill cuttings were collected from every one meter interval at the drill, logged and sampled by Novo Resources personnel. Samples were prepared and analyzed by Leachwell technique by Intertek-Genalysis Laboratory Services Pty Ltd, Perth, Australia. Leachwell analyses were undertaken on a 1 kilogram split of pulverized sample. Novo Resources personnel submitted quality control samples, including duplicates, standards and blanks.

About Beatons Creek

The Beatons Creek Tenements cover extensive exposures of the Beatons Creek conglomerates, a series of Archaean age pyritic conglomerates hosting gold mineralization similar to that of the Witwatersrand Basin in the Republic of South Africa. Shallow gold reefs were first identified and mined in this area beginning in the late 1800's. Novo Resources current drill program is the first modern, systematic exploration on the property.

Dr. Quinton Hennigh, the Company's Chief Executive Officer, President and Director and a Qualified Person as defined by National Instrument 43-101, has approved the technical contents of this news release. Novo Resources personnel have performed work at Beatons Creek under the supervision of Dr. Hennigh. Dr. Hennigh has verified the data in this news release including review of quality control and quality aspects of assay data here presented.

About Novo Resources Corp.

Novo's focus is to evaluate, acquire and explore natural resource properties and make strategic investments in gold exploration companies. The Company presently has joint ventures earning a 70% interest two exploration properties, Beatons Creek and Marble Bar, situated in Western Australia. For more information, please contact Leo Karabelas at (416) 543-3120 or e-mail leo@novoresources.com

On Behalf of the Board of Directors,

Novo Resources Corp.

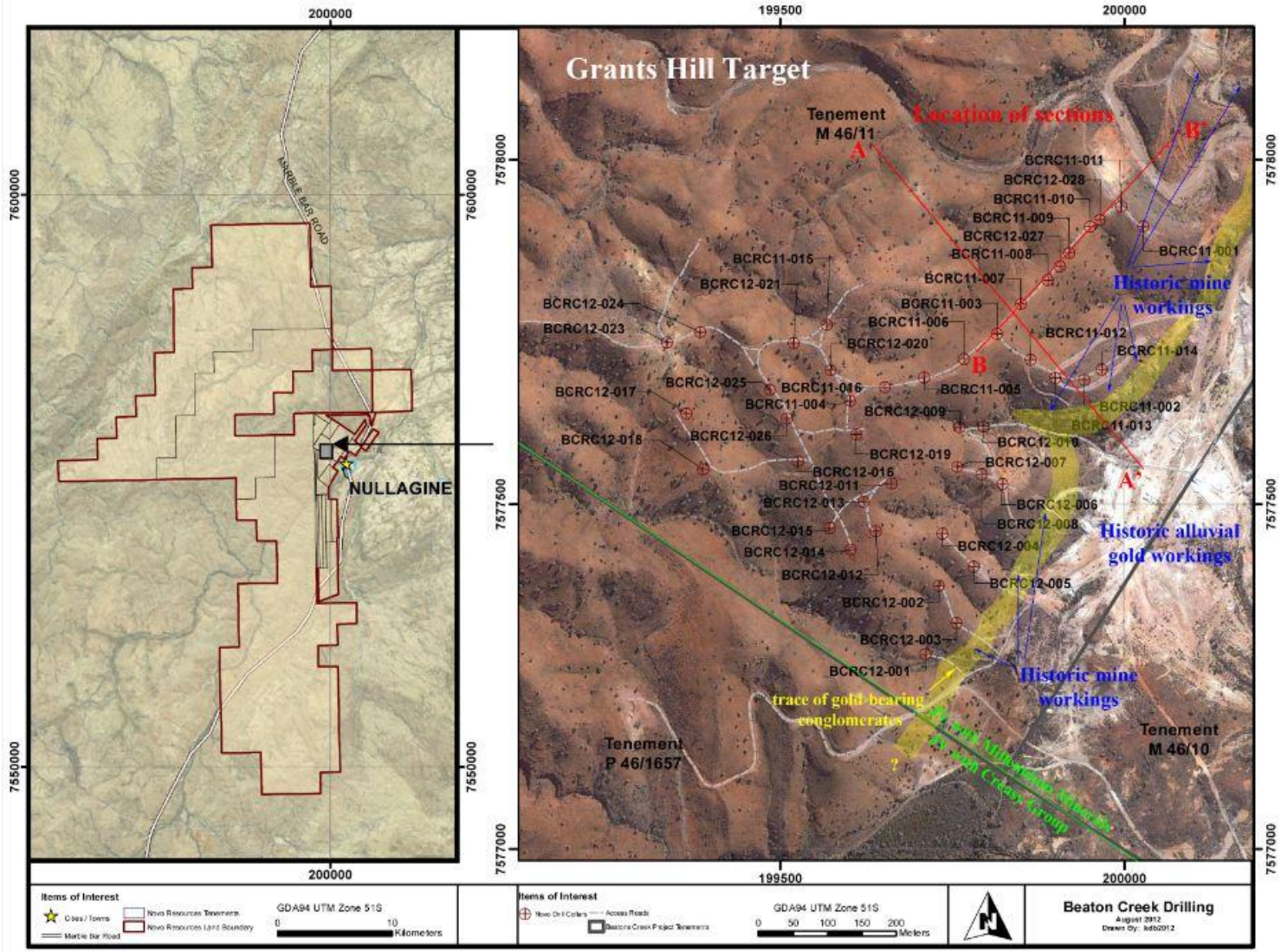
"*Quinton Hennigh*"
Quinton Hennigh
CEO and President

The Canadian National Stock Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of the content of this news release.

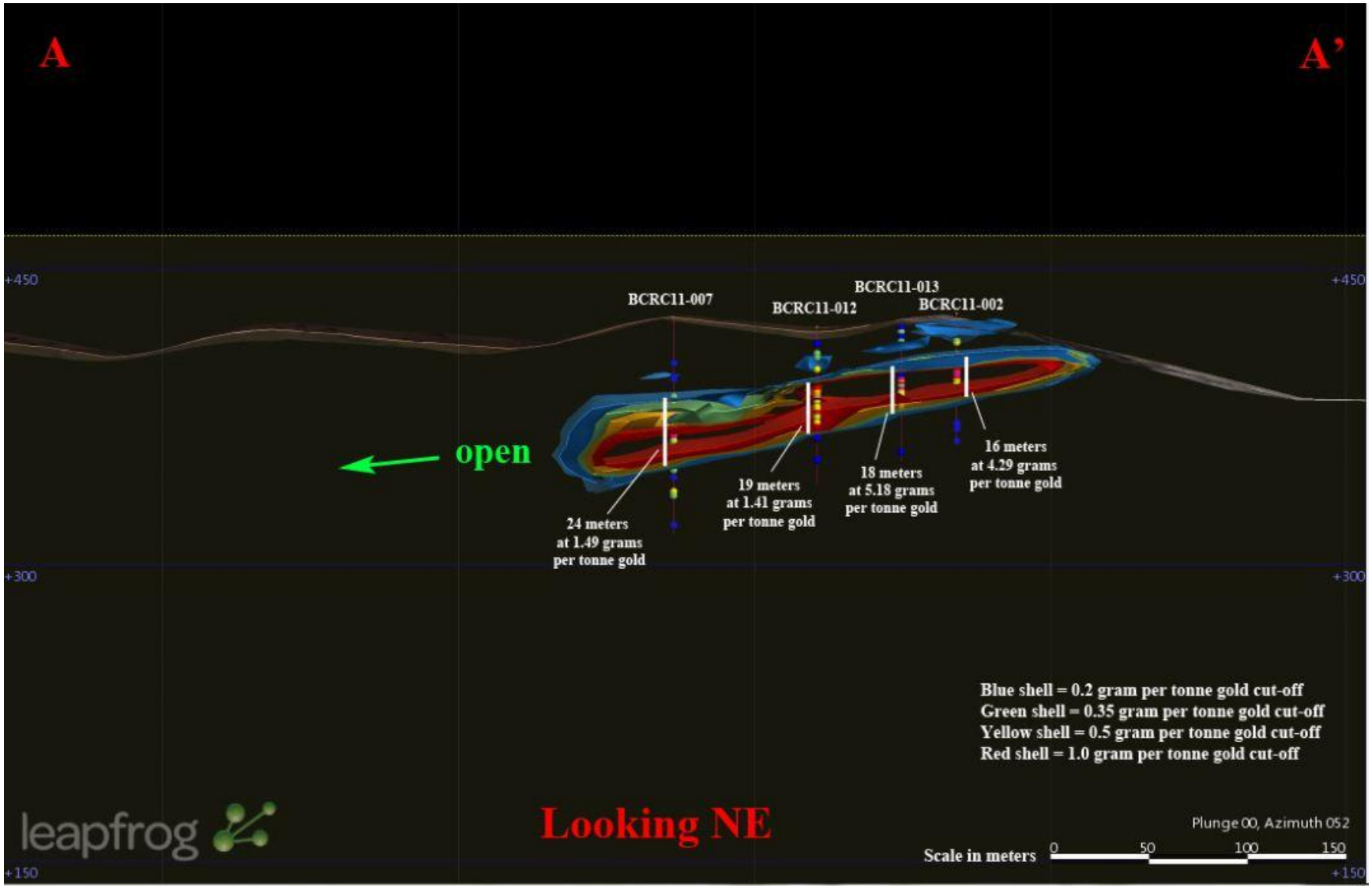
Forward-looking information

Some statements in this news release contain forward-looking information (within the meaning of Canadian securities legislation), including without limitation statements as to the planned additional drill holes on other high priority targets. These statements address future events and conditions and, as such, involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the statements. Such factors include, without limitation, the ability to complete the drilling program as currently contemplated and the receipt of successful results as drilling proceeds.

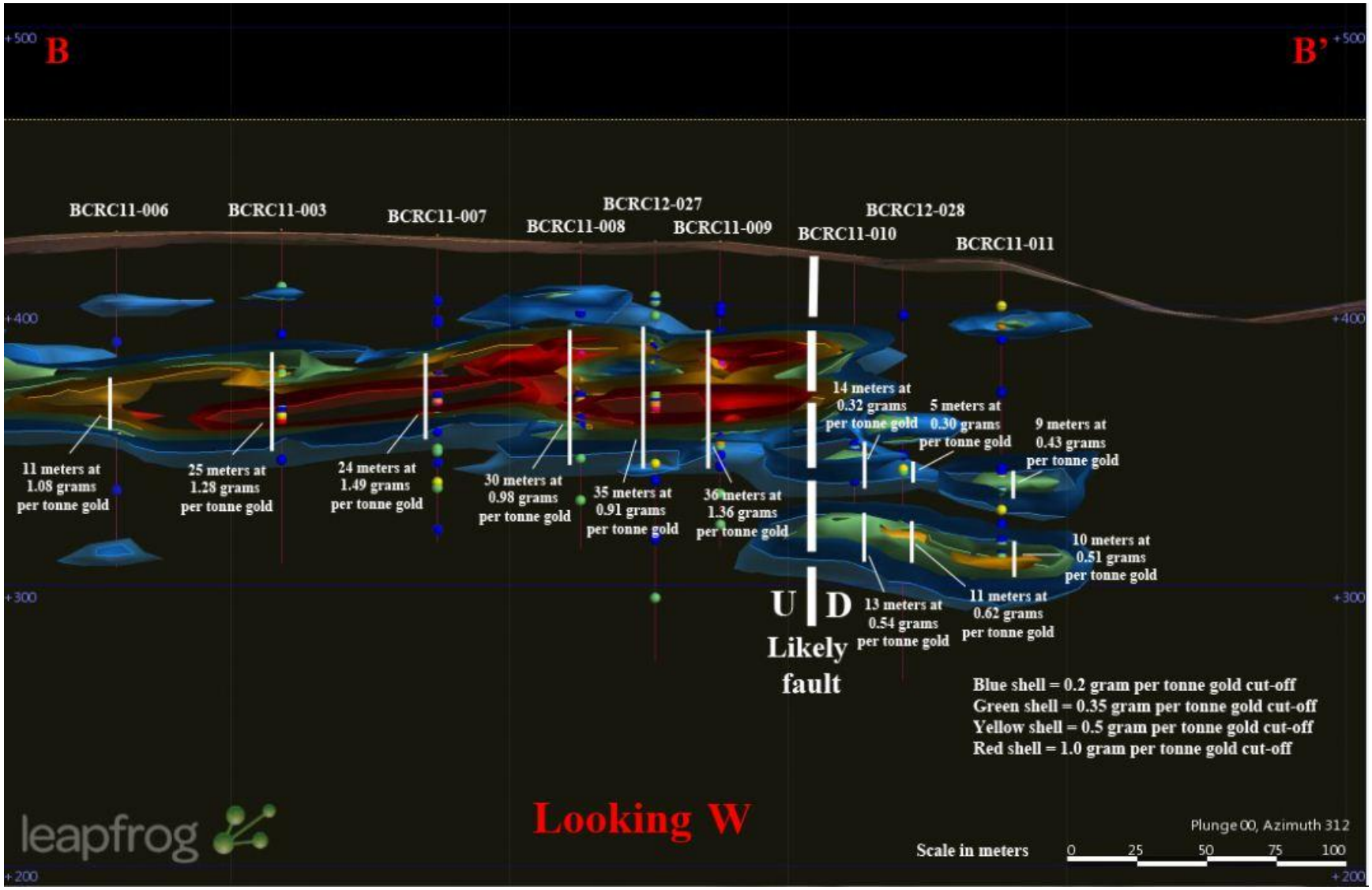
MAP OF GRANT HILL TARGET



SECTION A


A
A'
+450
+450
BCRC11-007
BCRC11-012
BCRC11-013
BCRC11-002
open
24 meters
at 1.49 grams
per tonne gold
19 meters
at 1.41 grams
per tonne gold
18 meters
at 5.18 grams
per tonne gold
16 meters
at 4.29 grams
per tonne gold
+300
+300
Blue shell = 0.2 gram per tonne gold cut-off
Green shell = 0.35 gram per tonne gold cut-off
Yellow shell = 0.5 gram per tonne gold cut-off
Red shell = 1.0 gram per tonne gold cut-off
leapfrog
Looking NE
Plunge 00, Azimuth 052
Scale in meters
0
50
100
150
+150
+150

SECTION B


+500
B
B'
+500
BCRC11-006
BCRC11-003
BCRC11-007
BCRC12-027
BCRC11-008
BCRC11-009
BCRC11-010
BCRC12-028
BCRC11-011
+400
+400
11 meters at 1.08 grams per tonne gold
25 meters at 1.28 grams per tonne gold
24 meters at 1.49 grams per tonne gold
30 meters at 0.98 grams per tonne gold
35 meters at 0.91 grams per tonne gold
36 meters at 1.36 grams per tonne gold
14 meters at 0.32 grams per tonne gold
5 meters at 0.30 grams per tonne gold
9 meters at 0.43 grams per tonne gold
10 meters at 0.51 grams per tonne gold
11 meters at 0.62 grams per tonne gold
13 meters at 0.54 grams per tonne gold
+300
+300
U
D
Likely fault
Blue shell = 0.2 gram per tonne gold cut-off
Green shell = 0.35 gram per tonne gold cut-off
Yellow shell = 0.5 gram per tonne gold cut-off
Red shell = 1.0 gram per tonne gold cut-off
leapfrog
Looking W
Plunge 00, Azimuth 312
Scale in meters
0
25
50
75
100
+200
+200