BYG NATURAL RESOURCES INC.

DIAMOND DRILL RECORD

Reduced to NQ at 119' (36.27m.)

Logged by: W.D. Mann/D.R.M. * Rig shifted, azimuth @ collar 212°

Property: Mt. Nansen

Target: Heustis – North end

Started: July 10, 1995

Completed: July 14, 1995

Field Coordinates:

Survey Coordinates: 18201.87E 19894.17N 1364.77 Elv.

Azimuth / Dip: 220°, 212° / -50°

Claim:

Hole # 95-149

Core Size: HQ → NQ

Length: 139.60 m 458 ft

Acid Tests: 100'/-49°, 299'/-54°, 589'/-53°

From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
0	5.79	Casing – some boulders cored														
5.79	9.14	Mud, gravel, boulders. Probably was frozen. Brown mud. Mostly metamorphic rock frags.								3		80				
9.14	24.00	Rock fragments in frozen mud. Rock fragments mostly metamorphic, minor porphyry, angular, variably rusty & bleached. Max. frag. size 15 cm. Mud is clay-rich, grey and orange-brown colour. Trace PY. in some fragments, Local MnO on frac. * Probably all overburden with permafrost, but possibly highly altered fault breccia.	928251	9.14	12.19	3.05	4	2	2	4	4	60	0	1	<0.03	<1.0
			928252	12.19	15.24	3.05	4	2	2	4	4	90	0	1	<0.03	<1.0
			928253	15.24	16.74	1.50	3	2	2	4	3	95	0	1	<0.03	<1.0
			928254	16.74	18.29	1.55	3	2	2	4	3	95	0	1	<0.03	<1.0
			928255	18.29	21.34	3.05	4	2	1	4	4	95	0	1	<0.03	<1.0
			928256	21.34	24.38	3.04	4	1	1	4	4	80	0	1	<0.03	<1.0
24.00	30.48	Rock fragments. Angular to subrounded, commonly redrilled. Metamorphics – gneiss, schist, quartzite(?), bull Q. Rusty to fresh. Poor Recovery (30%).	928257	24.38	30.48	6.10	3	2	1	2	2	30	1	1	<0.03	<1.0

0 - Absent; 1 - Trace; 2 - Weak; 3 - Moderate; 4 - Strong.

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From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
30.48	32.61	Metamorphic rock fragments in orange-brown mud. Grey gneiss, commonly bleached & rusty. One 20cm frag. w/ fracture ~// to C.A. Clay-rich mud.	928258	30.48	32.61	2.13	4	2	1	4	3	95	0	1	0.03	<1.0
32.61	36.27	No Recovery - driller reports void space. Probable open fracture // to C.A. Reduce to NQ at 36.27m.	—									0				
36.27	39.40	Metamorphic rock fragments. Half quite fresh, grey, rest are rusty & bleached. 5cm max. size. Very poor recovery (30%). Some redrilled fragments. Minor bull Q frags.	928259	36.27	39.40	3.13	2	2	1	2	2	30	1	1	<0.03	<1.0
39.40	47.24	Bleached, rusty metamorphic rock. Solid bedrock (!). Consistent, penetrative cleavage 40°-60° ∢ C.A. Pale orange-brown w/ darker brown Fe+Mn oxide fracture coatings. Narrow, discontinuous Q veinlets // to cleavage, also locally cutting cleavage. Rusty, vuggy 5mm Q.V. cuts [illegible] @ 40.9m. Trace [illegible] veinlets [illegible]. Blocky core,	928260	39.40	40.84	1.44	4	0	0	3	3	95	2	1	0.62	1.0
			928261	40.84	42.36	1.52	3	0	0	3	3	95	2	1	0.34	4.1
			928262	42.36	44.50	2.14	3	0	0	3	3	95	1	1	0.03	2.6
			928263	44.50	46.02	1.52	4	0	0	3	3	95	1	1	0.03	1.7
			928264	46.02	47.24	1.22	4	0	0	3	3	95	1	1	0.17	<1.0

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From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
47.24	48.77	Similar to above, but includes 40 cm zone	928265	47.24	49.99	2.75	4	0	0	4	4	90	1	1	0.10	2.9
		bleached pale grey, clay rich.														
		Orange-brown, clay altered mm. rocks adjacent.														
		Mostly rubble core.														
48.77	68.40	Bleached, rusty metamorphic rocks. Fairly	928266	49.99	51.51	1.52	4	0	0	3	4	95	2	1	0.03	1.3
		consistent cleavage, ~ 60° ∡. Local	928267	51.51	54.56	3.05	4	0	0	3	4	95	2	1	<0.03	<1.0
		clay-rich zones. Pale orange brown.	928268	54.56	57.61	3.05	4	0	0	3	3	95	1	1	<0.03	<1.0
		Blocky core, local rubble. Local black	928269	57.61	60.66	3.05	4	0	0	3	3	90	1	1	<0.03	<1.0
		MnO coating fractures, dendrites.	928270	60.66	63.55	2.89	4	0	0	4	3	95	2	2	0.03	<1.0
		Narrow, irregular Q veinlets common, // to cleavage + cutting.	928271	63.55	65.23	1.68	4	0	0	4	3	95	1	1	<0.03	<1.0
		~20cm broken white/brown Q frags. w/ Py. @ 60.66m	928272	65.23	68.40	3.17	4	0	0	3	3	95	1	1	0.03	<1.0
68.40	87.50	Altered metamorphic rocks, local oxidation.	928273	68.40	71.32	2.92	3	2	1	2	4	95	3	3	<0.03	<1.0
		Grey schist/gneiss w/ pale grey bleached	928274	71.32	74.07	2.75	3	1	0	3	4	90	2	2	<0.03	<1.0
		zones. Local biotite/chlorite (?) selvedges adj.	928275	74.07	76.50	2.43	2	3	1	1	4	95	3	3	<0.03	<1.0
		veinlets + fractures. Local Q veins and	928276	76.50	76.80	0.30	3	0	0	2	4	99	4	4	<0.03	1.8
		silicified patches. Pyrite ~1% in veins	928277	76.80	77.72	0.92	2	0	0	2	4	99	3	3	<0.03	<1.0
		+ dissem. 2cm massive Py vein @ 76.6m	278	77.72	78.94	1.22	2	2	0	1	3	99	3	3	<0.03	<1.0
		Mostly solid, fresh core, but oxidized near	279	78.94	80.47	1.53	1	3	0	1	2	99	2	3	<0.03	<1.0
		fractures. Fracture // ∡ 68.5-69.3m	928280	80.47	81.99	1.52	2	1	0	2	4	99	3	3	<0.03	<1.0
		Local trace greyish sulphides (?) observed	281	81.99	83.52	1.53	1	1	0	0	3	99	3	3	<0.03	<1.0
			282	83.52	85.04	1.52	1	2	0	1	3	99	2	2	<0.03	<1.0

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From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
62.40	87.50	(continued) Q-PY. veins // to c.a. & crosscutting. Veins generally ≤ 5 mm.	928283	85.04	86.56	1.52	2	2	0	1	4	98	2	3	<0.03	<1.0
			284	86.56	88.09	1.53	2	0	0	2	4	98	3	3	<0.03	<1.0
			928285	88.09	89.50	1.41	2	0	0	2	4	98	2	2	0.10	3.5
89.50	70.70	Sulphide Vein. Quartz-Pyrite-Carbonate(?) ~30% Py. Local weak oxidation [illegible]	928286	89.50	90.70	1.20	1	0	0	1	4	95	4	4	0.24	17.1
70.70	91.44	Sulphide Vein. Galenaric. Appears to cut vein above. Upper contact 45° ∱, lower contact 44° ∱. Galena-pyrite-quartz-sphalerite-chalcopyrite-stibnite-carbonate-oxide. Commonly coarse-grained. Rare vuggy Q, cm-scale pockets.	928287	90.70	91.44	0.74	1	0	0	1	4	99	4	4	50.97	1221.0

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From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
91.44	100.28	Strongly altered metamorphic rock with	928288	91.44	92.66	1.22	2	0	0	2	4	99	3	3	0.14	22.4
		mineralized +Q veins. Local breccia with	289	92.66	94.18	1.52	2	0	0	1	4	99	3	4	0.17	28.8
		pyrite-rich matrix. Minor galena, sphalerite (+...)	928290	94.18	95.71	1.53	1	0	0	1	4	99	4	4	0.03	3.2
		esp. in crosscutting 12mm vein, 43° ∢ @ 97.4m,	291	95.71	97.23	1.52	0	0	0	1	4	99	3	4	0.03	4.0
		irregular veins 91.5-92.5m, other areas.	292	97.23	98.76	1.53	2	0	0	2	4	98	4	4	1.34	50.9
		Zones of weak oxidation common - rusty, minor	928293	98.76	100.28	1.52	2	0	0	1	3	99	3	3	0.75	15.1
		clay. Rare hematitic patches.														
		Host rock is strongly bleached → cream - pale grey,														
		local Q-flooding. Rare bright green mica near bxia.														
100.28	112.09	Metamorphic rock. Moderate alteration,	928294	100.28	101.80	1.52	3	0	0	2	3	98	3	3	0.07	6.3
		mineralization, deformation. Consistent	295	101.80	103.33	1.53	2	0	0	1	4	99	4	3	<0.03	<1.0
		weak oxidation. Pyrite common (1-2%) in	296	103.33	105.45	2.12	2	0	0	1	3	99	3	3	<0.03	<1.0
		dissem., crosscutting veins + veins // cleavage.	297	105.45	105.85	0.40	1	0	0	0	4	99	4	4	<0.03	<1.0
		Rare f.g. grey sulphides. Local brecciation,	298	105.85	107.90	2.05	2	0	0	2	3	99	3	3	<0.03	<1.0
		brittle shearing, blocky core. Cleavage	299	107.90	109.42	1.52	3	0	0	2	4	98	3	3	0.07	<1.0
		less regular than some units above, 30-60° ∢.	928300	109.42	110.95	1.53	2	0	0	2	3	99	3	2	<0.03	<1.0
		Pale brown colour.	928301	110.95	112.09	1.14	2	0	0	2	3	99	3	3	<0.03	<1.0
		Multiple massive PY veins to 1cm w/ Q-sericite														
		pyrite haloes 105.45-105.85, veins 43° ∢.														
		at 111.00m there is a 4cm vein/alteration zone														
		[illegible] of semi massive py with														
		[illegible]														

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112.10	114.00	Porphyry Dike														
		- medium grained clear plag phenocrysts locally; grey with white speckles (plag)	928302	112.09	114.00	1.91	1	0	0	1	2	99	2	2	<0.03	<1.0
		- upper contact ca 51°; lower contact characterized by 25 cm of broken rubble.														
		- dyke is weakly foliated and cut by 1 mm pyritic fractures (veins) galena? diss pyrite also occurs throughout 1% and is parallel to the foliation (strung out aggregates) while veins are clearly x cutting the foliation														
		- rk is more competant and less rusty (oxidized) than enveloping metamorphic rk.														
114.00	120.79	Metamorphic rk														
		- similar to 100.28 - 112.10	928303	114.00	115.52	1.52	2	0	0	1	3	99	3	3	<0.03	1.1
		- section is more strongly oxidized than dyke rusty color is pervasive	928304	115.52	117.04	1.52	2	0	0	1	3	99	2	2	<0.03	<1.0
		- interval cut by 1mm - 1cm pyritic veinlets ca 40 - 50° some of which are very friable particularly the larger ones; in general these x cut the foliation	928305	117.04	118.57	1.53	2	0	0	1	3	99	2	2	<0.03	<1.0
			928306	118.57	120.09	1.52	2	0	0	1	3	99	2	2	0.03	3.3
			928307	120.09	120.79	0.70	2	0	0	1	3	99	2	2	<0.03	4.5
		- host section 115.10 - 115.52 (friable pyrite)														

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From	To	Description	Sample #	From	To	Length	Oxidation	Chlorite	Epidote	Clays	Alteration	Recovery	Veins	Sulfides	Au g/T	Ag g/T
120.79	122.74	Porphyry Dike	928308	120.79	122.74	1.95	2	0	0	1	1	95	0	1	<.003	<1.0
		- plagioclase phyric up to 1cm locally (10%)														
		- lesser qtz eyes. 1-2mm														
		- Trace diss pyrite note that there are no x cutting pyritic fractures in this unit														
		- weak foliation														
		- rk is light grey when fresh but most of unit is brown/rusty: Obscure contacts														
122.74	125.02	Metamorphic rk														
		- well foliated brown colour	928309	122.74	123.60	0.86	3	0	0	2	3	99	2	2	0.10	1.2
		- local pyritic veinlets (2-3mm) X-cutting the foliation non magnetic	928310	123.60	125.02	1.42	3	0	0	2	3	99	3	2	0.03	3.8
		- moderate alteration														
125.02	127.11	Mineralized zone - (obscure contacts)														
		- deformed qtz vein with significant sulfides	928311	125.02	126.19	1.17	3	0	0	2	4	99	4	3	0.24	1.0
		- pyrite is abundant with another fine grained black mineral also present	928312	126.19	127.11	0.92	2	0	1	3	4	99	4	3	0.07	<1.0
		- textures are very chaotic but vein appears to have been fractured/brecciated repeatedly (should assay)														
		- green to 'black' 'mottled' with rusty sections														
		- tr epidote at end of interval														

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127.11	129.00	Metamorphic rk.														
		- well foliated ca 42° grey-green-rusty	928313	127.11	129.00	1.89	2	0	0	1	2	99	2	2	<0.03	<1.0
		- local pyritic fractures (mm)														
129.00	130.15	Qtz Veining (weak mineralization)	928314	129.00	130.15	1.15	1	0	0	0	3	99	4	2	<0.03	<1.0
		- much more bullish than any other vein in hole.														
		- extensively fractured with pyrite locally infilling														
		- 70% vein 30% metamorphic rk														
		- upper contact ca 60°														
130.15	139.60	Metamorphic rk.														
		- much less altered than above	928315	130.15	131.67	1.52	2	0	0	1	2	99	3	2	<0.03	<1.0
		- epidote is common	928316	131.67	133.20	1.53	1	0	2	0	1	99	2	2	<0.03	<1.0
		- pyrite infilled fractures (mm) ca 55°														
		- well foliated ca 30° biotite common														
		- narrow qtz vein 131.00-131.10 similar to above														
		- pyritic fractures seem to decrease down hole														
	139.60	EOH														

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