



42L05NE0048 13 SUMMIT LAKE

010

### Diamond Drilling

Area of Summit Lake

Report No 13

Work performed by: Prospectors Airways Co. Ltd. (Rip. property)

Claim No	Hole No	Footage	Date	Note
KK 8335	R-1	700'	Oct/55	
	R-2	706.6'	Oct/55	
	R-8	407'	Dec/55	
KK 8338	R-3	148'	Nov/55	
KK 8337	R-4	260'	Nov/55	
KK 8317	R-5	319.2'	Nov/55	
KK 8327	R-6	214'	Nov/55	
KK 8314	R-7	<u>253'</u>	Dec/55	

3007.8

Notes:

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4-3-181

# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 1 Lat. 1+82S Total Depth 706.6  
 Section \_\_\_\_\_ Dep. 19+68 F Elev. Collar \_\_\_\_\_  
 Date begun Oct. 28th/55 Bearing N 44 W Elev. Bottom \_\_\_\_\_  
 Date finished Nov. 7th/55 Angle 45°

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.-55'	Casing; mainly sand, boulders.				
55.0 - 317.0	Sericite Greywacke, light grey and darker grey patches throughout; moderately hard; aphanitic siliceous groundmass--pinkish coloration in places also suggests a feldspathic groundmass; (largely) composed of feldspar angular and sub angular fragments; angular bluish colored quartz pebbles occur sparsely; mainly massive but sericite and or (biotite) give a strong lamination or gneissosity in places; above normal sized pink feldspar fragments occasionally occur in patches--rough banding of these up to 6" in width but more commonly 2 to 3 inches; texture sugary, siliceous in places "pepper and salt"; composition feldspar possibly 60%; sparsely mineralized with pyrite; only very slight fracturing--much core recovered in 6' lengths; speckled with small amount of sericite giving a spotted silvery sheen.				
	55.0 - 181.0, mainly small fragments of feldspar				
	76.0 - 77.0, quartz vein at 25'				
	82.0 - 84.0, broken core, little lost core.				
	143.0-144.0, " " " " "				
	181.0-212.0, wide band containing abundant feldspar				



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# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO. STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE	
					GOLD \$	SLUDGE GOLD \$
	Fragments $\frac{1}{2}$ size of peas.					
	212.0-317.0, smaller percentage of feldspar fragments with rock becoming more siliceous and blue quartz pebbles more numerous extremely small feldspar fragments towards end of section.					
	300.0, 3" quartz vein with wall rock fragments.					
	312.0-317.0, no visible feldspar fragments; very siliceous; strong gneissic banding; quartz bands at 70°					
317.0 - 319.0	(Massive Chlorite) very soft; dark greyish green color; contains very minute specks of rounded whitish colored mineral; rock scratched readily to a green powder;					
319.0 - 400.0	Garnetiferous Gneiss; (like R-1) but also has wide bands of mainly siliceous material carrying very few garnets; very dark grey to black; much chlorite developed where highly garnetiferous; section divided as follows: 319.0 - 332.0, over 50% garnets which are about the size of peas. 332.0 - 345.0, light grey siliceous zone with only few smaller garnets. 345.0 - 351.0 contains numerous large sized garnets; 351.0 - 357.0, light grey siliceous zone with very few garnets 357.0 - 400.0, between 30-40% garnets					



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# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_ Elev. Bottom \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO. STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD. \$
400.0 - 456.0	<p>sericitic chloritic argillite; light grey to dark grey; moderately soft; powder a bluish (turquoise) color; freshly broken surfaces along banding are dark grey to black in color with a silvery sheen; this black silvery sheen the most conspicuous characteristic, fairly intense fine black banding between 50 and 80°; second strongest feature is occurrence of minute rounded specs of whitish colored mineral (twice size of a period); texture aphanitic; sparsely mineralized with threads of phyrrothite and calcite; very fine banding.</p>				
	<p>400.0 - 411.0, several 1.0' sections with fragments as described in following main section (456.0 - 465.5)</p>				
	412.5 - 413.0; very siliceous				
	416.5 - 418.5; siliceous and also some quartz vein material.				
	422.0 - 424.0; as 416.5 - 418.5				
	424.5, large inclusion of (biotite gneiss)				
	424.5 - 426.5, nearly flat banding 11 to core.				
	426.5 - 427.0, very siliceous zone.				
456.0 - 465.5	<p>sericitic greynacke (Arkose); very similar to section described between 55.0 - 317.0 but with less impurities (Arkose?); light greyish white; very hard; aphanitic texture; a slight gneissic texture; becomes conglomeritic towards 465.0</p>				

Property

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# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 4 Lat.

Total Depth

Section Dep.

Elev. Collar

Date begun Bearing

Elev. Bottom

Date finished Angle

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD, \$
465.5 - 513.0	with numerous angular inclusions of white quartz and feldspar + size of peas; Serpentine Chloritic Argillite; similar to section 400.0 - 456.0 section not strongly banded except first 10.0'; dark grey to black and mainly massive; moderately hard; scratches easily to bluish grey powder; fresh broken surfaces have a silvery black sheen; aphanitic texture; sparsely mineralised with pyrrhotite and pyrite; some flecks and threads of calcite and quartz throughout; spotted with fine specks of rounded whitish mineral.				
513.0 - 640.0	White Massive Quartzite; magnetite bands between 1/8 to 2" in width banded feature intermittent to 544.0; 544.0 - 640.0 section is mainly massive mainly white but also mottled white and bluish grey; locally throughout mineralised with massive pyrrhotite, and some pyrite; nearly identical to quartzite section in R-1; faint banding of yellowish carbonate banding at 55'. 515.0 - 518.0: 90% pyrrhotite; 1-2% pyrite and quartzite and little magnetite. 519.5 - 521.0: 80% pyrrhotite; 5% pyrite and little magnetite 528.0 - 531.0: argillitic band; soft, dark black with flecks of whitish mineral greenish grey powder, mainly massive				

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# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 5 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_ Elev. Bottom \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD. \$
	532.0 - 534.0; 30% pyrrhotite pyrite minerals.				
	535.0 - 536.0; 50% " " "				
	560.5, 2 <sup>#</sup> band pyrrhotite, pyrite magnetite				
	567.0 - 568.0 80% pyrrhotite, 3% pyrite				
	570.5, 3 <sup>#</sup> band of pyrrhotite with some pyrite.				
	571.0 - 587.5, Massive white Quartzite practically no banding.				
	587.0 - 587.5; patches massive pyrrhotite mineralization in quartzite.				
	587.5 - 591.0, Argillite; dark grey to black, rather soft, minute specks of whitish colored mineral, light greenish grey powder - marked resemblance to preceding argillite section, sharp contact with quartzite between 20-30 degrees.				
	591.0 - 591.5; 90% pyrrhotite.				
	591.0 - 616.0; Massive Quartzite; mainly, with numerous light yellowish carbonate bands up to 2" in width.				
	616.0 - 640.0, <u>intermittent magnetite</u> bands which become more numerous towards end of section; narrow zones of pyrrhotite mineralization throughout.				
	635.0 - 640.0; 10% pyrrhotite, 20-30% magnetite some pyrite				
640.0 - 681.0	Massive Sulphite Zone--pyrrhotite with a little pyrite-- similar to sulphide intersection in R-1. Section divided				

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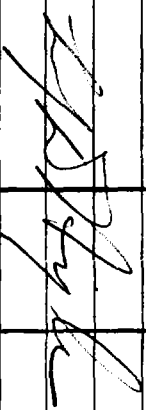
# DIAMOND DRILL RECORD

Hole No. R-2 Sheet No. 6 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	as follows:				
	640.0 - 672.5; 70-90% Pyrrhotite 3-5% pyrite, some magnetite & Quartz				
	672.5 - 681.0, Garnetiferous Gneiss, 60-7% sulphides--58% pyrrhotite 3% pyrite; locally barren zones				
	681.0 - 706.6 Arkose; few quartz and feldspar fragments; mainly composed of siliceous aphanitic ground mass; very little impurities; 681.0 - 684.0, mainly massive silicious; little pyrrhotite and pyrite				
	684.0 - 685.0, 90% pyrrhotite, 10% pyrite				
	685.0 - 690.5, 30% sulphide, 20% pyrrhotite 10% pyrite and very siliceous.				
	690.5 - 692.5, 60% sulphides, 40% pyrite, 20% pyrrhotite				
	690.5 - 692.5, 60% sulphides-40% pyrite, 20% pyrrhotite				
	692.5 - 696.0, siliceous with pink feldspar and quartz fragments				
	696.0 - 698.5; 70% sulphides 40% pyrite, 30% pyrrhotite.				
	698.5 - 706.6, sparsely mineralized with pyrite and pyrrhotite				
706.6	706.6, End of hole.				

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# DIAMOND DRILL RECORD

8-1-192

Hole No. R-3 Sheet No. 1 Lat. 8482S South Cp. 148.0 Total Depth  
 Section \_\_\_\_\_ Dep. 26+82E Elev. Collar \_\_\_\_\_  
 Date begun November 10/55 Bearing S 41 E  
 Date finished November 12/55 Angle 50° Elev. Bottom \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 201

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 69.0	Casing, sand, clay, boulders				
69.0 - 106.0	Stratitic Argillite (Chloritic) banded, moderately hard; banding at 45°, light and dark grey in color; quartz threads and stringers parallel to banding throughout; in places color a pale bluish green (turquoise) fractures readily parallel to banding, --this fresh surface jet black in color with a silvery sheen; sparsely mineralized with pyrite; powder a pale bluish green (turquoise) aphanitic texture; homogeneous in texture and composition throughout.				
	80.0, flat slip.				
	83.5, a little lost core				
	95.5, " " " "				
	98.0, " " " "				
	106.0, broken core				
106.0 - 148.0	Massive Argillite (Chloritic); massive soft; powder pale (bluish) green; fractures readily parallel to banding at 45° fractured surface very irregular; pale greenish and also dark grey; aphanitic texture; homogeneous in texture and composition throughout.				
	106.0 - 106.6, some ground core, broken core and mud seam				
	119.0 - 120.0, broken core, little lost core.				

KK-8338



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# DIAMOND DRILL RECORD

4-1-183

Hole No. R-4 Sheet No. 1 Lat. 4+88S South Group Total Depth 260.0  
 Section Dep. 37+65E Elev. Collar Elev. Bottom  
 Date begun Nov 13/55 Bearing N 27W  
 Date finished Nov 15/55 Angle 45°; Dip Test 100' 42°30'

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0. - 20.0	Casing				
20.0 - 179.5	Partially Metamorphosed Greywacke light and dark grey where more siliceous; massive and banded sections; banding indistinct; moderately hard; silvery black sheen on freshly broken surfaces; several places garnetiferous; aphanitic texture; numerous quartz threads and stringers parallel to banding; greenish powder; very few visible fragments of quartz and feldspar; slight gneissosity; very impure dark colored facies. 39.0 - 43.0, broken core. 78.0 - 79.0, lost core. 104.0 - 106.0, core in small pieces and broken core 127.0 - 129.0, garnetiferous zone; garnets 1/2 size of peas. 144.0 - 179.5, section lighter grey in color and siliceous; locally throughout some garnets. 153.0 - 154.0, broken core 157.0-158.0, " " 173.0 - 179.5, siliceous sulphide replacement zone 173.5 - 176.0, 80 - 90% pyrrhotite with some pyrite 176.0 - 179.5, 29 - 30% pyrrhotite				
179.5 - 260.0	Garnetiferous Chlorite Gneiss, strongly garnetiferous with 50% of rock composed of this mineral; few angular and sub				



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# DIAMOND DRILL RECORD

8-1-184

Hole No. R-5 Sheet No. 1 Lat. 7+58N South Cp.  Total Depth 319.2  
 Section  Dep. 31+34E Elev. Collar   
 Date begun Nov. 17/55 Bearing N27W Elev. Bottom   
 Date finished Nov. 25/55 Angle 45° Dip Tests: 100' .49°00  
275' .45°00

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0. - 59.0	Casing				
59.0 - 68.5	Greywacke, dark grey and black in color; massive; hard; aphanitic texture; contains angular and sub-angular white quartz and feldspar fragments; some fragments $\frac{1}{2}$ size of peas; light in color towards end of section; very siliceous; impure dark colored siliceous ground mass.				
68.5 - 80.5	68.0 - 68.5, garnetiferous gneiss; 30-40% garnets in dark grey to black fine grained matrix. Arkose; (Greywacke) very slight banding at 50-60; aphanitic ground mass; few quartz and feldspar fragments visible; much much lighter grey than preceding section and more siliceous; Garnetiferous Chloritic Gneiss, dark grey black in color with large well developed pinkish colored garnets; greyish green aphanitic groundmass; approx. 40% garnets				
80.5 - 97.0	97.0 - 141.0 Sericitic Arctite (Garnetiferous Arctite) color dark grey to black also light grey where highly siliceous contains minute rounded specks of whitish and slightly pinkish mineral-- possibly garnets; some slight banding at 45 - 55°; freshly broken surfaces along banding has a black silver sheen; aphanitic texture; very light grey highly siliceous sections; alternating light and dark grey zones.				

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# DIAMOND DRILL RECORD

Hole No. R-5 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO, STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
97 - 98.0,	lost core				
118.0 - 119.0	broken core				
128.0 - 141.0,	light grey and siliceous				
141.0 - 266.0	massive white quartzite, mainly massive but also wide banded sections; very pure 98% silica; sugary aphanitic texture; very hard; locally thin yellowish carbonate laminae; some magnetite banded mineralized with pyrrhotite and some pyrite; pyrrhotite mineralization occurs in sections near upper lower contacts; magnetite mineralization mainly towards end of section near contact with garnetiferous formation.				
141.0 - 197.0,	massive quartzite intermittent pyrrhotite mineralization some massive pyrrhotite sections followed by a distinctly banded quartzite zone.				
142.5,	stringers of massive pyrrhotite				
147.5,	" " " "				
148.5, 2m	" " " "				
149.0 - 149.5,	40% massive pyrite & pyrrhotite				
153.5 - 156.0,	95% " pyrrhotite mineral				
155.0 - 156.0,	30-40% " "				
156.5,	pyrrhotite stringers				
157.5 - 158.5,	30% pyrite pyrrhotite & Magnetite				
165.5 - 168.5;	70% massive pyrrhotite pyrite				

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# DIAMOND DRILL RECORD

Hole No. R-5 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_

Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_

Date begun \_\_\_\_\_ Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_

Date finished \_\_\_\_\_ Angle \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
171.0 - 173.0	85% massive pyrrhotite				
174.0 - 175.0	" " some pyrite				
180.5 - 182.5	" " "				
189.0 - 191.0	several pyrrhotite stringers				
191.0 - 193.0	much finely disseminated magnetite & some pyrrhotite stringers				
197.0 - 266.0	strongly banded white quartzite numerous yellowish carbonate bands up to 4" in width but average 1" in width--also magnetite bands and several bands of massive pyrrhotite banding 70-80°				
227.0 - 232.0	much finely disseminated magnetite				
231.0 - 232.0	40% pyrrhotite				
237.0 - 238.5	banding mainly parallel to core				
238.5 - 241.5	<u>Possible Fault Zone</u> , highly bedded waxy carbonate zone well developed calcite crystals and lost core (241.0 - 241.5)				
241.5 - 254.0	irregular carbonate banding, some places parallel to core and contorted.				
254.0 - 266.0	banding at 80°				
257.0 - 266.0	strongly banded with magnetite; also large amount of finely disseminated magnetite, and a few massive pyrrhotite stringers.				

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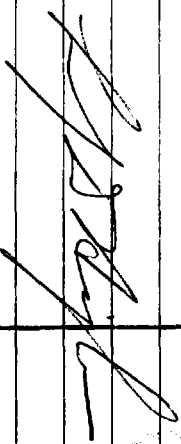
# DIAMOND DRILL RECORD

Hole No. R-5 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Elev. Collar \_\_\_\_\_  
 Date begun \_\_\_\_\_ Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_  
 Date finished \_\_\_\_\_ Angle \_\_\_\_\_

NORTHERN MINER PRESS LIMITED, TORONTO. STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
266.0 - 302.0	Transitional Zone, Impure Quartzite light grey to dark grey; possibly 30% magnetite, argillitic moderately hard, massive, sphanctic texture locally 2" bands of garnetiferous rock.				
	271.5 - 274.5; 80% pyrrhotite.				
	277.0 - 279.0, 70% pyrrhotite.				
	300.0 - 301.0, 40% "				
302.0 - 313.0	Garnetiferous Gneiss, 40% garnets the size of peas, dark grey to black, locally light grey highly siliceous sections.				
	290.0 - 291.0, stringers of massive pyrrhotite.				
	309.0 - 310.0, " " " "				
13.0 - 319.2	(Impure Garnetiferous Quartzite) Greywacke--contains few quartz and feldspar frag's.--quartz pebbles bluish in color-- composition mainly silica; massive; light grey; and few garnets.				
319.2 -	End of Hole				

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68-1-185

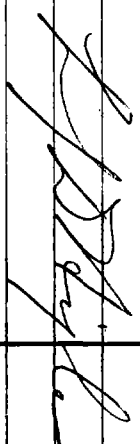
# DIAMOND DRILL RECORD

Hole No. R-6 Sheet No. 1 Lat. 0+75S North Group  
 Section Dep. 4+00E Total Depth 214.0  
 Date begun Nov 27/55 Bearing N Elev. Collar  
 Date finished Nov 30/55 Angle 55° Dip Test 100'... 59°00 Elev. Bottom

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 801

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 43.0	Casing				
43.0 - 214.0	<p>Greynacke, small angular and subangular quartz and feldspar                      fragments; ground mass mainly siliceous a little sericite and                      biotite--where most abundant rock develops a slight gneissic                      texture; moderately hard; ground mass aphanitic; color light                      grey, dark grey and greenish grey and locally pinkish colored                      sections with numerous fragments of pink feldspar; pink and                      cream colored feldspar fragments more numerous than quartz                      fragments; some quartz fragments a pale bluish color--these quartz                      fragments commonly occur in other formations described but                      are very sparsely distributed.</p>				
214.0	End of Hole.				

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# DIAMOND DRILL RECORD

4-1-186

Hole No. R-7 Sheet No. 1 Lat. 12+60N North Group            Total Depth 253.0  
 Section            Dep. 12+00W Elev. Collar             
 Date begun Dec 5/55 Bearing North Elev. Bottom             
 Date finished Dec 6/55 Angle 45° Dip Test 100°...50°00

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 24.0	Casing				
24.0 - 144.5	Greywacke, light grey where highly siliceous also dark grey in color; moderately hard; groundmass argillitic and siliceous with some gneissosity developed; mainly cream colored feldspar fragments; bluish quartz fragments occur sparsely; mainly massive; wide sections with very few fragments visible and mainly composed of a siliceous argillitic matrix; Diabase; color dark grey to black with light cream colored constituents; contact zone dark black with aphanitic texture and practically no light colored constituents-- chilled contact zone extends over several feet; contact with greywacke sharp and irregular with a very few small wall rock inclusions; away from contact zone section is composed of 70% dark colored constituents and 30% cream colored material; occasionally small semi angular fragments of yellowish green mineral--moderately hard does not effervesce with acid; medium grained texture; no distinct crystallinity to cream colored constituents.				
144.5 - 253.0	End of Hole.				

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4-3-181

# DIAMOND DRILL RECORD

Hole No. R-8 Sheet No. 1 Lat. 7+00S (S. Group) Total Depth 407.0  
 Section Dep. 20+22E Elev. Collar Elev. Bottom  
 Date begun Dec 8/55 Bearing West  
 Date finished Dec 14/55 Angle (45°) 54° Dip Test 100' .58°00

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 32.0	Casing, sand, clay, many large boulders.				
32.0 - 407.0	Greywacke--massive alternating white, light grey, dark grey, and cream colors; very hard; alternating dark and light colored sections depending on amount of dark colored constituents present--example biotite; aphanitic matrix and mainly siliceous; fragments mainly angular and subangular cream colored (feldspar); occasionally bluish colored quartz pebbles; a little biotite in darker colored sections with and indistinct gneissic texture developed; many short sections with no visible fragments but composed entirely of light colored siliceous aphanitic matrix; most distinguishing feature is repeated occurrence throughout of angular cream colored (feldspar) fragments & size of peas.				
407.0	End of Hole.				

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# DIAMOND DRILL RECORD,

HOLE NO. R-1

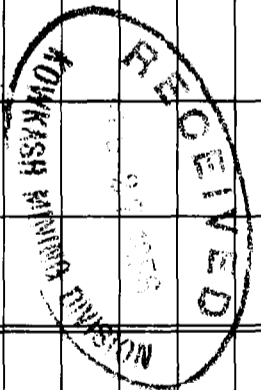
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DIP TEST

8-3-181

SHEET NUMBER 1 SECTION FROM        TO        STARTED Oct. 16/55 DEPTH 450 ANGLE 45° CORRECTED ANGLE 45°  
 (LATITUDE) 1 plus 30 N (S/ b/1) DATUM        COMPLETED Oct. 23/55 100' 48°30' 46°30'  
 (DEPARTURE) 16 plus 75 (S.G.P.) BEARING        ULTIMATE DEPTH 695.0' 200' 49°00' 47°00'  
 ELEVATION        DIP 450 PROPOSED DEPTH 700.0' 350' 46°30' 44°30'  
 500' 48°00' 46°00'  
 650' 46°30' 44°30'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE				SLUDGE ASSAYS						
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.					
0-34.0		Casing																	
31-0-		Overburden																	
31.0-		Core in small pieces - boulders of chert, biotite gneiss																	
31.5-		Sericitic quartzite																	
32.0-		95% pyrrhotite (quartzite replacement) little pyrite, slightly magnetic																	
33.5-		White quartzite, massive, pyrite stringer, sugary texture (as following section)																	
34.0-		White Quartzite, massive, sugary texture; very hard; mainly white in color but also very light grey; composition-greater part of section (over 95%) quartz with magnetite content increasing to as high as 40% towards end of section; bands of magnetite between 1/16 to 2 inches in widths; banding mainly grey argillitic zones-banding here at 450'; some pyrite and pyrrhotite stringers.																	
34.0-		White Quartzite, only few magnetite bands; several 2" bands pyrrhotite and a little pyrite.																	
49.0-		70% pyrrhotite with little pyrite.																	
51.5-		60% magnetite, some disseminate pyrite.																	
59.5-		40% magnetite.																	
60.0-																			
60.5-61.0																			



# DIAMOND DRILL RECORD,

HOLE NO. ....

PROPERTY \_\_\_\_\_ RIP PROPERTY \_\_\_\_\_

SHEET NUMBER 2 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS								
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.					
64.0-																			
65		Impure band of arkose or greywacke (small angular white quartz fragments)																	
65		Quartz carbonate stringer at 450																	
72.0		1.0" vein pyrrhotite																	
73.5		1/16" bands magnetite at 500																	
73.5-110.0		Mainly massive white quartzite, several 1.0" bands magnetite; a little pyrrhotite mineralization in a few places.																	
80.0		1.0" vein of pyrrhotite-a little pyrite.																	
82.0		Pyrrhotite stringer at 250																	
110.0-		White Quartzite with strong magnetite banding, more pyrrhotite mineralization than preceding subsection.																	
112.0-																			
113		1.0" band-60% pyrrhotite, few pyrite crystals in pyrrhotite and also quartzite fragments.																	
115.0-																			
117.0		Flat chlorite stringers.																	
129.0-																			
140.0		5 - 10% pyrrhotite, some pyrite and 20% magnetite.																	
135.0-																			
136.0		60% sulphides - pyrite and pyrrhotite and (trace amount) of chalcopyrite.																	



# DIAMOND DRILL RECORD,

# HOLE NO. ....

PROPERTY \_\_\_\_\_ RIP PROPERTY \_\_\_\_\_

SHEET NUMBER \_\_\_\_\_ # 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS							
					ATT. %	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.				
134.0-189.0	Nearly 100%	Massive Sulphides and Magnetite - pyrrhotite, pyrite sampled completely from 138.0-189.0 (3.0' samples)	T-1	138-141	Tr	Tr												
134.0-138.0		55% sulphides, mainly pyrrhotite, 5% magnetite and 45% quartzite.	T-2	141-144	Tr	N11												
138.0-150.0		95% pyrrhotite with little magnetite and pyrite.	T-3	144-147	.005	N11												
134.0-160.0		Approx. 80% pyrrhotite	T-4	147-150	.005	N11												
150.0-189.0		65% sulphides, 30% magnetite, 10% quartzite.	T-5	150-153	.01	Tr												
160.0-189.0		60 - 75% pyrite with some pyrrhotite and magnetite.	T-6	153-156	Tr	N11												
			T-7	156-159	.01	N11												
			T-8	159-162	Tr	N11												
			T-9	162-165	.005	N11												
			T-10	165-168	Tr	N11												
			T-11	168-171	.005	N11												
			T-12	171-174	.01	N11												
			T-13	174-177	.01	N11												
			T-14	177-180	Tr	N11												
			T-15	180-183	Tr	N11												
			T-16	183-186	Tr	N11												
189.0-695.0	Nearly 100%	Chlorite Garnetiferous (Hornblende) Gneiss - color light and dark grey, where highly siliceous color a very light grey to white; moderately hard but very hard where more siliceous; weakly developed gneissic structure, so in part nearly massive; only slight amount of fracturing; one to two foot sections at approx. 20' intervals with large pink garnets giving a patchy appearance; originally rock probably an argillite which varied locally with amount of iron present in the form of magnetite - for well developed garnetiferous sections sometimes fairly strongly magnetic; texture of (ground mass) aphanitic - garnets give a porphyritic texture; small amount of disseminated pyrite locally throughout, and also a	T-17	186-189	.01	N11												

