



52F05SW0140 19 DOGPAW LAKE

010

Diamond Drilling

Area of Dogpaw Lake

Report N^o 19

Work performed by: Goldray Mines Ltd.

Claim N ^o	Hole N ^o	Footage	Date	Note
K 242352	1	407	Sept/70	
K 242350	2	361	Sept/70	
	3	400	Sept/70	
	4	314	Sept/70	
	4	1482		

Notes:

DRILL HOLE LOG

PROPERTY Wisener Lake

HOLE NO. D.D.H. #1

LAT. 2400S

DIP -45

HOLE STARTED Aug. 30/70

DEP. 1+04W

AZIMUTH East on line

HOLE FINISHED Sept. 11/70

ELEV. _____

LOGGED BY W.P. Boyko

LENGTH 407 SIZE AXT

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH						
				From	To				
0-57	<u>CASING</u> - boulders								
57-127	<u>Tuffaceous Volcanic</u> - Medium to dark grey Streaked with fine brownish biotite. Irregularly banded at 40-45°. Altered with mottled appearance - generally fractured and mineralized.								
	<u>4501</u> (57 - 62) - 5.0'								
	57 - 57.5 - Irregular splashes of chalco up to 1/2" across								
	57.5 - 62 - brownish streaks, probably of very fine biotite, but could be sphalerite as well. - occasional hair-line chalco stringer.								
	<u>4502</u> (62 - 67) - 5.0'								
	Minor chalco disseminated and possible sphalerite								
	63 - chalco stringer 1/8" - irregular								
	66 - disseminated chalco zone 1" across at 45°								
	<u>4503</u> (67 - 72) - 5.0'								
	Brownish streaked, broken, altered tuff with minor chalco and possible sphalerite.								
	<u>4504</u> (72 - 77) - 5.0'								
	Minor mineralization								
	<u>4505</u> (77 - 82) - 5.0'								
	Same as above - minor mineralization								
	<u>4506</u> (82 - 87) - 5.0'								
	83 - 85 - pyrite, sphalerite and chalco 10-15%								

86/71 Dogpaw Lake
Goldray Mine Ltd

DRILL HOLE LOG

PROPERTY HOLE NO. D.D.H. #1
 LAT. DIP HOLE STARTED
 DEP. AZIMUTH HOLE FINISHED
 ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION		SAMPLE NO.	LENGTH			
	From	To					
<u>4507</u>	(87 - 92)	- 5.0' Banding definite, cherty appearance. Minor mineralization - brownish streaks.					
<u>4508</u>	(92 - 97)	- 5.0' Minor mineralization. Brownish banding.					
<u>4509</u>	(97 - 102)	- 5.0' Greyish banded tuff - Streaks of pyrite - minor sphalerite.					
<u>4510</u>	(102-107)	- 5.0' Same as above.					
<u>4511</u>	(107-112)	- 5.0' Moderate pyrite, pyrrhotite disseminated and along banding - 5-10% traces chalco and sphalerite.					
<u>4512</u>	(112-117)	- 5.0' 30% pyrrhotite, pyrite, trace chalco and sphalerite.					
<u>4513</u>	(117-122)	- 5.0' 10-20% pyrr, minor pyrite, trace chalco. Rock not as fine grained in more mineralized sections.					
<u>4514</u>	(122-127)	- 5.0' 10-20% pyrr, py, sphalerite disseminated and parallel to banding which in this section is well developed.					

DRILL HOLE LOG

PROPERTY		HOLE NO. D.D.H. #1
LAT.	DIP	HOLE STARTED
DEP.	AZIMUTH	HOLE FINISHED
ELEV.	LOGGED BY	LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
127-170	<p><u>Dacite - Tuffaceous</u> - Medium grey.</p> <p>Very fine grained, dense - Brownish mottled areas, probably find biotite alteration.</p> <p>169 - pyrite banding along bedding over 6" width</p> <p>170 - 171 - pyrite along banding - minor graphite.</p>					
170-213	<p><u>Tuff - Siliceous</u> - Lighter color than above - Fine to dense banding, at times obscure.</p> <p>196 - Minor pyrite, disseminated along bedding - trace sphalerite.</p>					
213-370	<p><u>Tuffaceous Volcanic</u> - Darker, banding obscure at times - noticeable carbonate alteration, also some chloritization.</p> <p>213 - 219 - porphyritic.</p> <p>224.5 - 225 - Minor graphitic slip with disseminated pyrite. Minor pyrrhotite appears to be associated with rock.</p> <p>334 - 343 - 5% finely disseminated pyrite in fairly massive light colored volcanic.</p>					
370-384.5	<u>Argillaceous Tuff</u> - 10-20% graphite					
384.5-398	<u>Siliceous Tuff</u>					
398-407	<p><u>Graphite Zone</u> - Disseminated to massive in band section. Pyrite crystals associated with the graphite.</p>					
407	<u>END</u>					

M. P. Boyer

DRILL HOLE LOG

PROPERTY HOLE NO. D.D.H. #2
 LAT. DIP HOLE STARTED
 DEP. AZIMUTH HOLE FINISHED
 ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH				
107-114	<p style="text-align: center;">From To</p> <p><u>Mineralized Dacite Tuff</u> - Medium grey, indistinct banding. Disseminated chalco, also stringers of chalco, sphalerite, pyrite and pyrrhotite.</p> <p>4515 (107 - 112) 5.0' 5 - 10% sulphides with chalco- sphalerite.</p> <p>4516 (112 - 114) 2.0' Slightly less mineralization than above.</p>						
114-117	<p><u>Heavy Mineralization</u> - Massive sphalerite, pyrite, pyrr, chalco.</p> <p>4517 (114 - 117) 3.0'</p>						
117-156	<p><u>Tuff</u> - Light to medium grey tuffaceous volcanic - quite siliceous, probably approaching rhyolitic composition. Banding variable, from close-spaced cherty laminations to 1'-2' of massive rock Bedding quite uniform at 45°. Fracturing and movement evident throughout.</p>						
156-160.5	<p><u>Fragmental Volc.</u> - porphyritic - light colored fragments (phenos) in dark grey matrix.</p>						
160.5-203	<p><u>Rhyodacite Tuff</u> - Light to medium grey. Bedded at 40-45°. Solid, brittle rock.</p>						
203-205	<p><u>Graphite-Shear</u> - Massive graphite - contacts at 30-40° - Contains 20% pyrite along shear planes. Slickensided planes.</p>						

DRILL HOLE LOG

PROPERTY		HOLE NO. D.D.H. #2
LAT.	DIP	HOLE STARTED
DEP.	AZIMUTH	HOLE FINISHED
ELEV.	LOGGED BY	LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
205-247	<u>Rhyodacite Tuff</u> - Light to medium grey, slightly buffish. Banding not pronounced - flaten material probably present. Rock sound, unfractured					
247-248	<u>Graphite</u> - Massive graphite with stringers of pyrite parallel to shear faces					
248-274.5	<u>Rhyodacite Tuff</u> - Banding diffused and indistinct. In places definitely rhyolitic with free quartz visible. 252 - 4", irregular garnet chlorite, pyrite alteration band. 251 - ½" pyrite at perpendicular to banding. 259.5 - ¾" - massive pyrite - garnet - qtz. carb. 262.5 - ¾" - pyrite - ankerite - qtz. approximately perpendicular to banding. 268 - 274 - Finely dissem. pyrite. 272 - 2" graphite - pyrite.					
274.5-292.5	<u>Graphitic Tuff</u> 274.5 - 277 - Fairly massive graphite with 10-20% pyrite along bedding. 277 - 292.5 - Graphite beds with pyrite interbedded with siliceous tuff.					
292.5-306	<u>Rhyolite</u> - faint banding, could be tuffaceous band.					

DRILL HOLE LOG

PROPERTY HOLE NO. D., D., H. #2

LAT. DIP

DEP. AZIMUTH

ELEV. LOGGED BY

HOLE STARTED

HOLE FINISHED

LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
306-316	<p><u>Graphitic Tuff</u> - gradational change to siliceous tuff below. Pyrite always associated with the graphitic bands. Graphitic bands comprise 10-20% of rock. Trace of chalco, disseminated with pyrite at 306'.</p>					
316-361	<p><u>Rhyolite Tuff</u> - Light grey, buff. Siliceous, cherty appearance in places. Brittle rock. Occasionally pyrite along bedding.</p>					
361	<p><u>END</u></p>					

R. D. Baughman

DRILL HOLE LOG

PROPERTY Wisener Lake HOLE NO. D.D.H. #3
 LAT. 00N DIP -45 HOLE STARTED Sept. 16/70
 DEP. 0+23E AZIMUTH East on picket line HOLE FINISHED Sept. 19/70
 ELEV. _____ LOGGED BY W.P. Boyko LENGTH 400 SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH				
				From	To		
0-10	<u>CASING</u>						
10-42	<u>Tuff</u> - Dark grey, fairly massive, but with occasional banding at 45°. Fine to medium grained, resembling variable grain-size intermediate intrusive. Biotite. Occasional bands with blotches up to ¼". 21-23 (Approx.) Felsitic band.						
42-60	<u>Rhyodacite Tuff</u> - Banding of variable composition.						
60-64	<u>Tuff</u> - Coarse, massive.						
64-74	<u>Tuff</u> - Med. to dark grey 68.5 - 73 - mineralized by pyrrhotite, pyrite, trace chalco - about 10%, trace sphalerite. 70 - 71 - 6" - 8" massive pyrrhotite, around coarse pyrite, trace chalco. 4518 (68 - 73) - 5.0						
74-84	<u>Diabase</u> - Fine grained, medium greenish grey. Massive.						
84-110	<u>Tuff</u> - Medium to dark grey. Indistinct banding generally, occasionally well developed. Siliceous, brittle. 84 - 87 - graphitic, with pyrrhotite pyrite and occasionally trace sphalerite. - sulphides 10-15% 89 - 94 - pyrite, pyrrhotite lenses along bedding - 10-20%						

DRILL HOLE LOG

PROPERTY HOLE NO. D.D.H. #3
 LAT. DIP HOLE STARTED
 DEP. AZIMUTH HOLE FINISHED
 ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH						
				From	To				
	229 - 230 - Lost core.								
253-286	<u>Graphitic Tuff</u> - Pyrite disseminated and also as lenses parallel to bedding, averaging about 10%. 255 - slight brecciation, pyrite, graphite form matrix. 255 - 257 - qtz. vein, dark colored. 220 - 229 - fractural								
286-324	<u>Tuff</u> - Light to medium grey, variable grain size banding - rhyodacite composition. Sericitic. 286 - 291 - transitional graphitic zone, fractured and mineralized by disseminated pyrite. Some carbonate stringers.								
324-331	<u>Graphitic Tuff</u> - Slight graphite banding. Pyrite 10-20%, trace pyrrhotite. Contortion in banding.								
331-400	<u>Tuffaceous Volcanic</u> - Medium to light grey, siliceous rock. Minor pyrite parallel to banding between 331 and 345.								
400	<u>END</u>								

W. P. Bunker

DRILL HOLE LOGPROPERTY Wisener LakeHOLE NO. D.D.H. #4LAT. 400NDIP -45HOLE STARTED Sept. 20/70DEP. 0+20WAZIMUTH East on picket lineHOLE FINISHED Sept. 22/70

ELEV. _____

LOGGED BY W.P. BoykoLENGTH 314 SIZE AXT

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH		
				From	To
0-41	<u>CASING</u>				
41-56.5	<u>Tuff</u> - Medium grey with siliceous, light colored banding. Generally fractured and altered. Porphyritic bands. Greenish alteration, sericitic and disseminated pyrite.				
56.5-68	<u>Mineralized Zone</u> - some tuffaceous rock. 56.5 - 57 - 20% sphalerite - stringers and disseminated. 58 - 59.5 - graphite with 20% pyrite, trace chalco 59.5 - 67 - sphalerite, along banding and disseminated - 5-10% - also minor pyrite. 67 - 68 - several 1"-2" stringers of massive sphalerite - pyrite - pyrrhotite 4519 - 56.5-61 4520 - 61-66 4521 - 66-68				
68-256.5	<u>Tuff</u> - Medium grey. Dense and cherty in places. Bedding at 45°. Fairly massive, diffused banding in places. 188.5 - 6" graphite-pyrite 190 - 6" graphite-pyrite 193 - 6" graphite-pyrite				
256.5-265	<u>Graphite-Pyrite</u> - Contorted graphite zone with vuggy rounded pyrite and pyrite lenses comprising 20% of rock. Shearing.				

DRILL HOLE LOG

PROPERTY HOLE NO. D.D.H. #4
 LAT. DIP HOLE STARTED
 DEP. AZIMUTH HOLE FINISHED
 ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH						
				From	To				
265-288	<u>Graphitic Tuff</u> - Graphite about 20%. Pyrite lenses. Last Core at 270-271 287-288								
288-314	<u>Dacite Tuff</u> - med. grey, slightly graphitic in places. 298 - 299.5 - graphite - pyrite 302 - 303 - Lost core 303 - 308 - probably rhyodacite flow.								
314	<u>END</u>								

KENORA MINING DIV.
RECEIVED
 JUN 10 1971
 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

W. P. Baynes