

# DPHOK - 02

Time <sup>(Off)</sup>

DEPTH (m)

ORIENTATIONS

14 PM

SD

Setup & collar

15 AM

22'

10' casing (cored from 5')

PM

72'

broken, hard & blocky

16 AM

137'

168.5

PM

229'

198.5

blocky, good drilling

17 AM

299'

235

hard & broken, clay 200, hard

PM

357'

303, 337

18 AM

428'

383, 416

mixed, hard & soft

188m

PM

505'

439,

good & bad.

19 AM

533'

bit change - soft & hard

PM

603'

557.5 589

20 AM

661

633

SWA @ 620'

PM

695

683

no drilling seen to this area

21 AM

778'

727.5, 773

from 700', 'very blue green'

nitty FOM 241.7m

796

## Acid Test

Apparent Dip

Corrected Dip

200'

67

61

400'

67

61

600'

68

63

792'

70

65



# CORE LOGGING LEGEND (GRAPHICAL)

## Lithology



Foliated gtz-muscovite schist with gtz/feldspar layers of possible porphyry origin



Contorted foliated gtz-sericite schist - frequent gtz augen foliation  
remained by coarse sericite  
actinolite & graphite  
biotite

A  
b



Chlorite schist



Metamorphic ('bull') gtz



Gneiss (sheared & lithified)



Pink brown gtz-sericite-gtz schist



Gouge, shear, fracture zones

diabase dykes

## Alteration

hematite clay  $\pm$  gtz veins

hematite spotting (after S=)

silicification (pervasive)

calcification (pervasive)

g = graphite-pyrite

sericite

litho unit

sub unit

unconformity

gradational contact

## Mineralisation?

hematite clay  $\pm$  gtz veins

clay  $\pm$  gtz veins

clay  $\pm$  calcite veins

Schl. Chlorite  $\pm$  gtz veins

py arsenopyrite

ap arsenopyrite



HOLE No. DDH04-2

SHEET 1 of 12

LOGGED BY R.E. ADAMSON

DATE 22 Feb '04

Depth Scale 1:100

DEPTH (m)	RECOV. %	RQD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALTN	MINERAL IN	GEOLOGY NOTES	SUMMARY
				Al							
1											
2										1.6 START HQ CORE	
3											
4										Qtz-musc-biotite schist. Qtz-feld ages,	
5										bleak to hood shales	
6											
7											
8											
9											
10											
11											
12										S1 60 CX	
13											
14										← return g <sub>1/2</sub> + sericite (rich) selvages	
15											
16											
17											
18											
19											
20											

-179/1336/180

-151

M396/182



HOLE No. DDH. 04-2

SHEET 2 of 12

LOGGED BY RPA

DATE 22 Jan 2004

Depth Scale 1:100

DEPTH (m)	RECOV. %	RQD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALTN	MINERAL IN	GEOLOGY NOTES	SUMMARY						
				ppm													
				Au	As												
21			182														
22			183							Qtz-biotite-(sericite) schist, Occ. eyes							
23																	
24										Qtz-sericite schist							
25																	
26			184														
27			M396024	0.012	38												
28			396024														
29			396025	<0.005	22												
30			185							Prograde schist, biotite							
31										Biotite schist, Qtz v. chl. - green schist							
32			M396186														
33										Qtz-sericite schist							
34																	
35																	
36										2cm QV (disc) 45 CX (0.00/50) - 1 pg 100g + seric/chl on selvages disc size 3cm							
37			187														
38																	
39			M396188							all for limonite 5cm QV (disc) 30 CX (0.05/85)							
40																	

Depth Scale 1:100



[illegible]



Depth Scale 1:100

DEPTH (m)	RECOV. %	RQD	SAMPLE NO.	ASSAYS		LITHOLOGY	STRUCTURE	ALTIN	MINERALIN	GEOLOGY NOTES	SUMMARY
				Au							
61										60.05 - ORIENTATION	
62			-192-193							Qtz - chlorite schist - cradled foliation	
63										Qtz - muscovite - (chlorite) schist, Occ	
64										very Qtz foliae, & banded (ch. - sericite)	
65											
66										S1 S5 CX	
67										Qtz - chlorite - sericite schist. Weak to	
68										mod foliation - occ. very foliae.	
69										Occ eyes (? Qtz - feld).	
70											
71											
72										71.63 ORIENTATION - doubtful quantity (too	
73										broken, press up scale down)	
74			-194							Ch. margin	
75										clay-filled joints 15 CX	
76										Qtz - chlorite	
77										Schist	
78			396057		0.014					V. dk green foliae	
79										clayey gouge & bra.	
80										Cataclite: Qtz frags with chl. veinlets	
										Qtz - chlorite schist	



GEOLOGY NOTES											SUMMARY
DEPTH (m)	RECOV. %	RCD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALTIN	MINERALIN		
				ppm							
				Au	Ag						
81											Qtz - chlorite schist. Weak - mod foliation
82			M 96096	0.016	494						1 Silicified gtz-chl schist. Weak pydiss.
83			M 96096	0.012	258						82.7: 1mm chlorite recryst
84			M 96096	0.061	359						Frequent recrystals $\perp$ S1 - clay + calcite, some st. leucitic
85			M 96029	0.016	104						1.5 cm sparry calcite vein
86											
87											soft cataclastic & gouge. Qtz frag
88											& brn. Remnant foliation in place
89			396195								clay gouge
90											
91											
92											
93			396196								92.35 ORIENTATION - Sheared & broken
94											Qtz - calc recryst $\perp$ S1 + 60 S1
95											S1 30-35 CK Qtz - chl - musc schist. (Weak fol, ark schist)
96			-197								Occ. wavy foliation (gtz)
97											
98											Qtz - chlorite schist. Foliation partly sheared & annealed - chl films provide pseudo
99											net veined effect. Occ. v. fin chl - (gtz)
100											recrystals x clay, weak foliation

Depth Scale 1:100

BOX 19

BOX 20



[illegible]



Depth Scale 1:100

DEPTH (m)	RECOV. %	RQD	SAMPLE NO.	ASSAYS		LITHOLOGY	STRUCTURE	ALTN	MINERAL IN	GEOLOGY NOTES	SUMMARY
				Au							
121										variably sheared gtz-sericite (pale green) with relicts of 'wooly' foliate texture Occ. calcite concretions S1 60° E V. more r.f.g. deis pg.	
122									pg		
123									pg		
124										Catadactylite of alternating gtz-sericite & graphitic schists	
125								g			
126								g			
127										126-94 ORIENTATION Graphitic schist for 315/45	
128											
129											
130										Catadactylite - gtz + sericite. Occ. relicts 'wooly' foliated schist	
131											
132											
133										133-8 ORIENTATION S1 180/5-10	
134											
135											
136										5m calcite vein 60° E	
137								pg	pg		
138								pg	pg		
139										Catadactylite - mixed gtz-sericite & graphitic sections.	
140											



Depth Scale 1:100

DEPTH (m)	RECOV. %	RQD	SAMPLE NO.	ASSAYS		LITHOLOGY	STRUCTURE	ALTIN	MINERAL	GEOLOGY NOTES	SUMMARY
				ppm							
				Au	As						
141			396030	0.011	136	Δ	X	g	g	X-cutting qtz-calcite veinlets with conspicuous fg. black chlorite on selvages & clasper into host. Some dist S = (7pg) in veins	
142			396031	0.006	22	Δ	X	g	g		
143			396032	0.008	100	Δ	X				
144			396033	0.019	41	Δ	X		sch	Patachite: qtz-veinlets. Mod. silicified. patches of fine black chlorite veinlets, occ as networks (earlier than calcite veinlets)	
145			396034	0.011	29	Δ	X		sch		
146			396035	0.005	8	Δ	X		sch		
147			396036	<0.005	14	Δ	X		sch		
148			396037			Δ	X		sch		
149						Δ	X			Patachite	
150						Δ	X				
151						Δ	X				
152						Δ	X				
153						Δ	X			contact ⊥ CX - ? soln. contact? Undulating contact of black (?graphitic) material enveloping qtz frags & fluid front.	
154			-204			Δ	X	g			
155						Δ	X	g		Sheared 'graphitic' (dense, soft, black. Jugs staining), fg. py on shear planes, 'cataclite' with ang qtz frags to 2 cm. Numerous schlicked shear surfs. defines a foliation & schistosity.	
156						Δ	X	g			
157						Δ	X	g			
158						Δ	X	g			
159						Δ	X	g			
160						Δ	X				

Δ - cataclite



HOLE No. DDH. 04-02.....

SHEET 9 of 12

LOGGED BY .....

DATE .....

GEOLOGY NOTES												SUMMARY
DEPTH (m)	RECOV. %	RQD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALTIN	MINERALIN			
				ppm								
				Au	As							
161			396037	0.010	92		X					
162							X					
163			396038	0.016	162		X					
164							X					
165							X					
166							X					
167			396039	0.009	79		X					
168							X					
169							X					
170							X					
171			396205				X					
172							X					
173							X					
174							X					
175							X					
176							X					
177			396206				X					
178							X					
179							X					
180							X					

'Navy' foliated g'xite: Foliae 'picked out' by v. fine black lamellae (v.f. chlorite/graphite/pyrite)

Black cataclastic

— a —

SI 2 subhorizontal. Calcenite 140/80  
179.52 ORIENTATION

Relative



Depth Scale 1:100

GEOLOGY NOTES											SUMMARY	
DEPTH (m)	RECOV. %	RQD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALTIN	MINERALIN			
				PPM								
				Au	Ag							
181			396040	0.006	115						Calctised, nr massive, v. weakly foliated ? chlorite - qtz schist	
182			396041									
183			396041	<0.005	101							
184			396041									
185			396041									
186			396047	0.009							'Wavy' foliated quartzite.	
187			396047									
188			396048	<0.005								
189			396048									
190			396049	0.007								
191			396049								190.7 ? barite vein (qtz-form)	
192												
193											192.93 ORIENTATION	
194												
195												
196												
197												
198			396042									
199			396042	0.006	78							
200												

Depth Scale 1:100



DEPTH (m)	RECOV. %	RQD	SAMPLE No.	ASSAYS		LITHOLOGY	STRUCTURE	ALT N	MINERAL N	GEOLOGY NOTES	SUMMARY						
				ppm													
				Au	As												
201										Fresh channelled to no more greenish gtz - albite rock. the schistosity. Pervasive calcification. Occ. disseminated py.							
202																	
203																	
204																	
205																	
206																	
207																	
208										208.17 ORIENTATION S1 sub-horizontal							
209																	
210																	
211																	
212																	
213			396043	<0.005	<2				py disseminated cubes								
214			396044	<0.005	<2				py disseminated cubes								
215																	
216																	
217																	
218																	
219																	
220																	

Depth Scale 1:100



DATE 22-28 June 2006

## SUMMARY

## GEOLOGY NOTES

## ASSAYS

ppm

Au

A.

**SAMPLE NO**

RAD

RECOV. %

DEPTH (m)

221

$$396045 < 0.005 \quad 12$$

225

224.8: 20-25 ma Qtz-calcite vein 10 cm. 005/80  
Maltpite - top by black chl. selvages. (NVS)  
Qtz-calcite veinlets 045/30  
224.8 ORIENTATION - SURFECTS. S1 approx vert.

Mr massive, unjointed greenish  
clonite gtz rock (v. weak foliation).  
Pervasive calcitisation. Occ gtz calc  
veins. Occ dense cubic py

230

396046

 $< 0.005$  3

235

235.61 ORIENTATION

Suspect ovalation  
[S<sub>1</sub> appear vert.]

240

240.48 ORIENTATION

241

241.7 EOH