






Potential High Yielding Site

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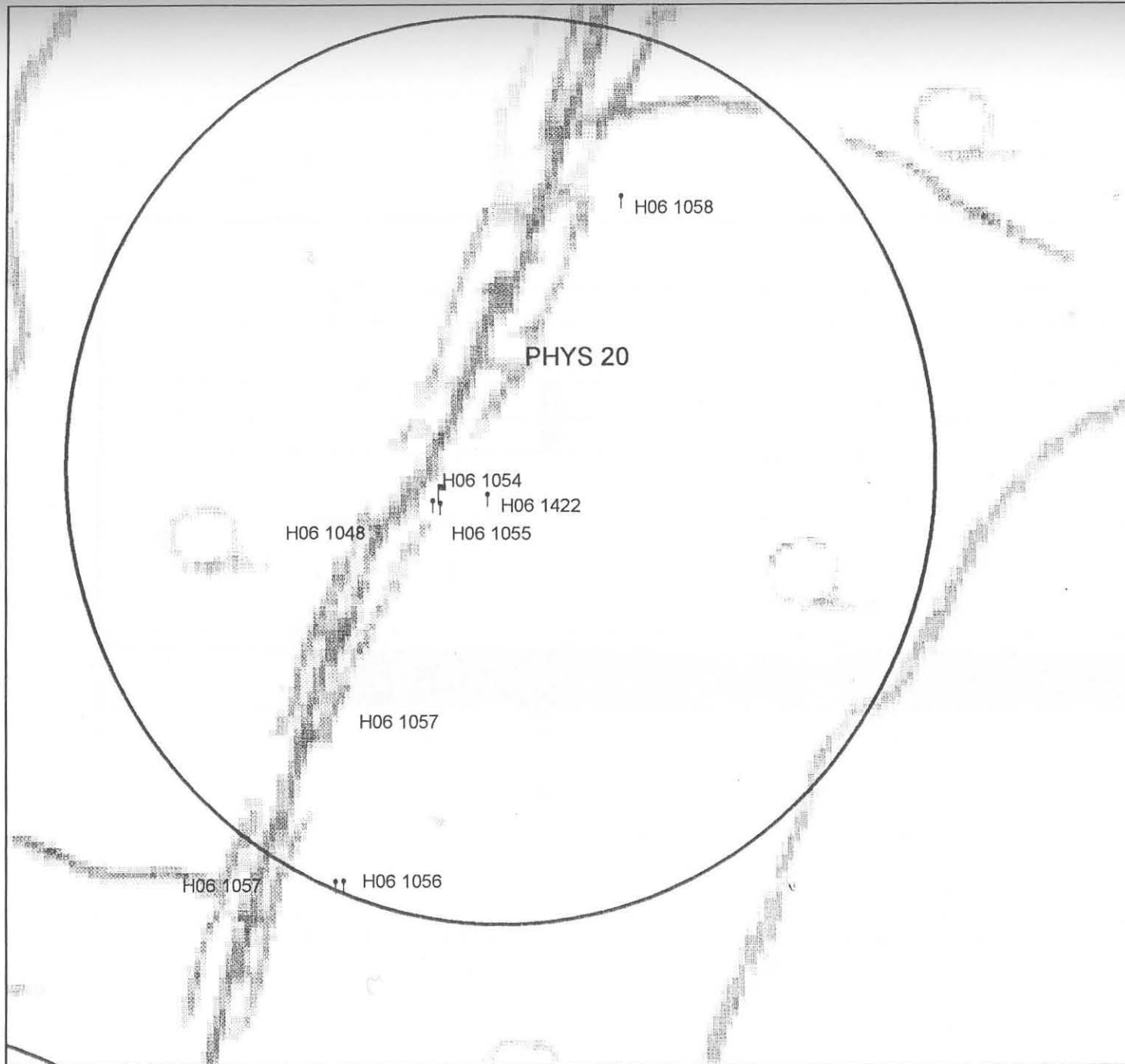
Compiled by: Fanie Botha

Assisted by: Robert Whitehead

LEGEND

-  PHYS identified
- New borehole positions
 -  Closed borehole
 -  Monitor or dry borehole
 -  Observation borehole
 -  Borehole pump tested

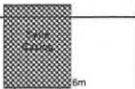
PHYS 20



DWAf Private Bag X9506 PIETERSBURG 0700 TEL NO (015) 295-1333 FAX NO (015) 295-3249				PERCUSSION DRILLING RECORD			PHYS: 21		
BOREHOLE CONSTRUCTION Casing diameter (mm) 185 Casing thickness (mm) 4				WATER STRIKE (fs)	STRIKE DEPTH (m)	S.W.L (m)	DEPTH (m)	PROFILE	MATERIAL DESCRIPTION
Casing height 0.45						0.00	0		
12m							0		Colluvium
							5		Grey white, medium sand Fresh granite
							10		
							15		
							20		
							25		
							30		
							35		
							40		
							45		
							50		
							55		
							60		
							65		
							70		
							75		
							80		
							85		
							90		
							95		
							100		
				4.03	101		100		
							105		White grey to pink, coarse sand with gravel (10mm) Fractured granite
							110		
							115		
							120		
							125		
126							126		
							130		
							135		
							140		
							145		
							150		

DWAf Private Bag X0506 PIETERSBURG 0700 TEL NO (015) 295-1333 FAX NO (015) 295-3249			PERCUSSION DRILLING RECORD			PHYS: 21		
			CLIENT: DWAf	JOB No: N001		BOREHOLE No: H06 1054 / M6801		
			PROJECT: Neto Research	SITE: Ngwentsi		WATER LEVEL: 0.0'		
			LOG: Fane Botha	DRILLER: DWAf		ELEVATION: 1080.02		
			DATE STARTED:			LATITUDE: 24 89257		
						LONGITUDE: 28 23878		
BOREHOLE CONSTRUCTION	WATER STRIKE	STRIKE DEPTH	S.W.L.		PROFILE	MATERIAL DESCRIPTION		
Casing diameter (mm)	165		(m)	(m)				
Casing thickness (mm)	4							
Casing height			0.00		0			0
					5		Colluvium	
					10		Grey white, medium sand	
					15		Fresh granite	
					20			
					25			
					30			
					35			
					40			
					45			
					50			
					55			
					60			
					65			
					70			
					75			
					80			
					85			
					90			
					95			
					100			
					105			
					110			
					115			
					120			
		0.00	121		125		White grey to pink, coarse sand with gravel (15mm)	
					130		Fracture	
					135			
					140			
					145			
					150			

DWAf Private Bag 9506 PIETERSBURG 0700 TEL NO (015) 280-1332 FAX NO (015) 285-3249			PERCUSSION DRILLING RECORD				PHYS : 21	
			CLIENT: DWAf	JOB No: H061	BOREHOLE No: H06 1055 / W6602			
			PROJECT: Neto Research	WATER LEVEL: 0	ELEVATION: 1090.58			
			SITE: Ngwatsi	DRILLER: DWAf	LATITUDE: 24 58261			
			LOG: Fane Botha	LONGITUDE: 29.73877				
BOREHOLE CONSTRUCTION			DATE STARTED	S.W.L (m)	DEPTH (m)	PROFILE	MATERIAL DESCRIPTION	
Casing diameter (mm)	165	WATER STRIKE (PS)						
Casing thickness (mm)	4	DEPTH (m)						
Casing height	0.4		0.00					
					0		Colluvium	
					5		Grey white, medium sand Fresh granite	
					10			
					15			
					20			
					25			
					30			
					35			
					40			
					45			
					50			
					55			
					60			
					65			
					70			
					75			
					80			
					85			
					90			
					95			
					100			
					105		White grey to pink coarse sand with gravel (10mm) Fractured granite	
					110			
					115			
					120			
					125			
					130			
					135			
					140			
					145			
					150			

DWAf Private Bag X9506 PIETERSBURG 0700 TEL NO (015) 290-1333 FAX NO (015) 295-2249			PERCUSSION DRILLING RECORD			PHYS: 21		
BORHOLE CONSTRUCTION Casing diameter (mm) Casing thickness (mm)			WATER STRIKE (%)	STRIKE DEPTH (m)	S.W.L. (m)	DEPTH (m)	PROFILE	MATERIAL DESCRIPTION
Casing height			155		0.00	0		
						0		Colluvium
						5		Grey white, medium sand Fresh granite
						10		
						15		
						20		
						25		
						30		
						35		
						40		
						45		
						50		
						55		
						60		
						65		
						70		
						75		
						80		
						85		
						90		
						95		
						100		
						105		
						110		
						115		
						120		
						125		
						130		
						135		
						140		
						145		
						150		

DWAf Private Bag X8506 PIETERSBURG 0700 TEL NO (015) 260-1333 FAX NO (015) 265-3248		PERCUSSION DRILLING RECORD				PHYS. 21	
		CLIENT	DWAf	JOB Nr.	N001		
		PROJECT	Nebo Research	BOREHOLE Nr.	H06 1057 / W6604		
		SITE	Ngwantsi	WATER LEVEL	0.3		
		LOG	Fanie Baha	ELEVATION	1085.3		
		DRILLER	DWAf	LATITUDE	24.68482		
		DATE STARTED	*	LONGITUDE	29.73816		
BOREHOLE CONSTRUCTION		WATER STRIKE	STRIKE DEPTH	S.W.L	DEPTH	PROFILE	MATERIAL DESCRIPTION
Casing diameter (mm)	185	(%)	(m)	(m)	(m)		
Casing thickness (mm)	4			0.30			
Casing height	8m	0.20	? difficult to identify fracture at 100mm		0		Colluvium
					5		Grey white, medium sand fresh granite
					10		
					15		
					20		
					25		
					30		
					35		
					40		
					45		
					50		
					55		
					60		
					65		
					70		
					75		
					80		
					85		
					90		
					95		
					100		
					105		
					110		
					115		
					120		
					125		
					130		
					135		
					140		
					145		
					150		

DWAf Private Bag 98508 PIETERSBURG 0700 TEL NO (015) 295-1333 FAX NO (015) 295-3249				PERCUSSION DRILLING RECORD			PHYS : 21		Method: Observation
				CLIENT	DWAf		JOS Nr	N001	
				PROJECT	Noto Research		BORHOLE Nr	H06 1058 / V6806	
				SITE	Ngwato		WATERLEVEL	0	
				LOG	Fane Botha		ELEVATION	1981.33	
				DRILLER	DWAf		LATITUDE	24.88383	
				DATE STARTED	*		LONGITUDE	29.73881	
BORHOLE CONSTRUCTION	WATER STRIKE	STRIKE DEPTH	S.W.L	DEPTH	PROFILE	MATERIAL DESCRIPTION			
Casing diameter (mm)	165								
Casing thickness (mm)	4								
Casing height			0.00						
				0		Colluvium		0	
				5		Grey white, medium sand		5	
				10		Fresh granite		10	
				15				15	
				20				20	
				25				25	
				30				30	
				35				35	
				40				40	
				45				45	
				50				50	
				55				55	
				60				60	
				65				65	
				70				70	
				75				75	
				80				80	
				85				85	
				90				90	
				95				95	
				100				100	
				105				105	
				110				110	
				115				115	
				120				120	
				125				125	
				130				130	
				135				135	
				140				140	
				145				145	
				150				150	

DWAf Private Bag X9506 PIETERSBURG 0700 TEL NO (015) 260-1333 FAX NO (015) 265-3298		PERCUSSION DRILLING RECORD			PHYS: 21	
		CLIENT	DWAf		JOB N°	N001
		PROJECT	Nebo Research		BOREHOLE N°	H08 1422
		SITE	Ngwentsi		WATER LEVEL	*
		LOC	Fane Botma		ELEVATION	1091.52
		DRILLER	DWAf		LATITUDE	24.69256
		DATE STARTED	Monday, February 01, 1999		LONGITUDE	28.73904
BOREHOLE CONSTRUCTION		WATER	STRIKE	S.W.L	DEPTH	PROFILE
Casing diameter (mm)	150	STRIKE	DEPTH	(m)	(m)	MATERIAL DESCRIPTION
Casing thickness (mm)	4	(°S)	(m)			
Casing height	6m					
						0
						Brown orange coarse sand
						Weathered granite
						5
						White grey medium sand
						Fresh granite
						10
						15
						20
						25
						30
						35
						40
						45
						50
						55
						60
						65
						70
						75
						80
						85
						90
						95
						100
						105
						110
						115
						Fracture
						120
						125
						130
						135
						140
						145
						150
						150

Potential High Yielding Site







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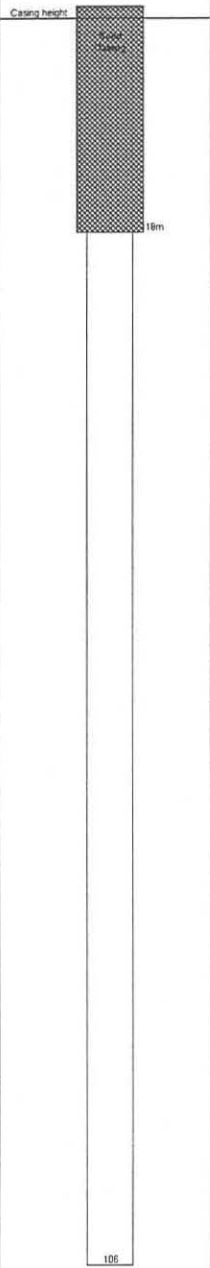
LEGEND

-  PHYS identified
-  New borehole positions
-  Closed borehole
-  Monitor or dry borehole
-  Observation borehole
-  Borehole pump tested

PHYS 21

70 0 70 Meters



DWAIF Private Bag X8506 PIETERSBURG 0700 TEL NO (015) 295-1333 FAX NO (015) 295-3249			PERCUSSION DRILLING RECORD CLIENT: DWAIF PROJECT: Neso Research SITE: Ngwatsi LOG: Fane Botha DRILLER: DWAIF DATE STARTED: Friday, December 11, 1998			PHYS: 22 JOB #: N031 BOREHOLE #: H06 1420 WATER LEVEL: 10.8 ELEVATION: 1094.56 LATITUDE: 24.6925 LONGITUDE: 28.73606		Method: Observation borehole
BOREHOLE CONSTRUCTION	WATER STRIKE (s)	STRIKE DEPTH (m)	S.W.L (m)	DEPTH (m)	PROFILE	MATERIAL DESCRIPTION		
Casing height					0		0	
			10.80			0-5m: Alluvium 5-10m: Yellow brown grey clayey sand to sand Residual granite 10-15m: Grey white medium grained sand Fresh granite		
					105	Fracture	105	
	3.60	106			110		110	
					115		115	
					120		120	
					125		125	
					130		130	
					135		135	
					140		140	
					145		145	
					150		150	

Potential High Yielding Site







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LEGEND

-  PHYS identified
-  New borehole positions
-  Closed borehole
-  Monitor or dry borehole
-  Observation borehole
-  Borehole pump tested

PHYS 22

70 0 70 Meters

