R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : HZ002

PROJECT IDEN : DUNDAS	START DATE : 12 MAR 90	COMPLETION DATE : 20 MAR 90	LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 66679.00	COLLAR EASTING : 72487.00	COLLAR ELEVATION: 350.00	GRID AZIMUTH : 0.00
DRILLED BY :D.D.T	TOTAL LENGTH : 169.50	CORE/HOLE SIZE : HQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		85.00	-50.00	66679.00	72487.00	350.00
001	31.00		85.00	-50.00			
002	61.00		87.00	-49.00			
003	91.00		86.50	-48.00			
004	121.00		91.00	-47.50			
005	151.00		90.00	-46.50			
006	167.00		90.50	-47.00			

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	1.00			PRECOLLAR.	
	1.00	22.50	21.3		SILTSTONE: dark gray, moderately weathered, finely bedded, medium bedded, jointed, hard, exceptionally broken, bedding: 15 degree angle to c.a., join: 45 degree angle to c.a., 1% fe-oxides joint linings.	DUNDAS GROUP
R	1.00	22.50			CORE IS BROKEN DUE TO NUMEROUS THIN FERRUGINOUS JOINTS AT 45	
R	1.00	22.50			DEG TO C.A. AND FRACTURES AT 30 DEG TO C.A. THERE ARE 10 PER	
R	1.00	22.50			METRE.	
	22.50	71.80			SILTSTONE: medium dark grey, unweathered, finely bedded, medium bedded, jointed, bedding: 15 degree angle to c.a., join: 45 degree angle to c.a., diffuse base, 0.3% carbonate joint linings, 0.3% pyrite joint linings, 0.3% pyrrhotite.	
R	22.50	71.80			GRADING INTO MASSIVE FAINTLY BEDDED SILTSTONE.	
R	49.50	52.30			HAS BEEN DEFORMED TO FORM MOULIN-TYPE STRUCTURE AS A RESULT OF	
R	49.50	52.30			COMPETENCY CONTRAST AND IS PARTLY REPLACED BY PYRRHOTITE. B.C.A	
R	49.50	52.30			VARIES FROM 0 TO 45 DEGREES, BUT IS GENERALLY < 30 DEG.	
					49.50- 52.30: 10% CALCAREOUS INTER BEDDED SILTSTONE: medium light grey, medium bedded, bedding: 30 degree angle to c.a., 1% pyrite disseminations = veins, 20% pyrrhotite.	
R	65.50	66.60			SIMILAR TO 49.5 - 52.4 M.	
					65.50- 66.60: 20% CALCAREOUS INTER BEDDED SILTSTONE: medium brown, very slightly weathered, medium bedded, bedding: 55 degree angle to c.a., 10% pyrite replacive, 1% chrysotile ?, 30% pyrrhotite.	

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SURFACE DIAMOND DRILLHOLE : MZ002 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
	71.80	76.10	4.3		SILTSTONE: medium dark grey, massive, indistinctly bedded, microfaults, jointed, hard, moderately broken, bedding: 30 degree angle to c.a., microfault: 45 degree angle to c.a., diffuse base, 1% carbonate veins of, 0.1% pyrite veins of, 3 % pyrrhotite.	
R	71.80	76.10			FRACTURES/MICROFAULTS FORM A SET GENERALLY AT 45 DEG TO C.A.,	
R	71.80	76.10			AND AT RIGHT ANGLES TO BEDDING. MINOR DISPLACEMENT.NUMEROUS	
R	71.80	76.10			RELATED VEINLETS AND JOINTS.	
	76.10	96.50	20.4		SILTSTONE: medium gray, massive, indistinctly bedded, bedding: 40 degree angle to c.a., fracture set: 45 degree angle to c.a., sharp planar base, 1% carbonate veins of, 0.1% pyrrhotite.	
R	76.10	96.50			THE LITHIC-ARENITE IS DOLOMITIC AND DUE TO COMPETENCY CONTRAST	
R	76.10	96.50			WITH SILTSTONE IT IS FREQUENTLY CONTORED TO A MOULIN-LIKE FORM	
R	76.10	96.50			GRADING TO PTYGMATIC.SOMETIMES LADDERED WITH TENSIONAL	
R	76.10	96.50			CARBONATE VEINLETS CONTAINS SILTSTONE INTRACLASTS (RARE).	
					76.10- 96.50: 20% CALCAREOUS INCREASING DOWNHOLE LITHIC ARENITE: light gray, finely bedded, medium bedded, coarse sand, poorly sorted, moderately rounded, moderate sphericity, 3 % carbonate veins of, 0.1% pyrrhotite.	
	96.50	99.90	3.4		CALCAREOUS LITHIC ARENITE: medium dark grey, soft sediment slumping, coarse bedded, hard, highly broken, coarse sand, fairly poorly sorted, moderately rounded, 1% carbonate veins of.	
R	96.50	99.90			MINOR FRAGMENTED SILTSTONE INTERBEDS AND INTERCLASTS.	
	99.90	106.00	6.1		CALCAREOUS CONGLOMERATE: medium gray, massive, sheared, brecciated, hard, highly broken, shear: 35 degree angle to c.a..	
R	99.90	106.00			CONGLOMERATE IS SHEARED WITH FRACTURE SURFACES VARYING FROM 30	
R	99.90	106.00			TO 45 DEG TO C.A. POLYMICT, WITH PEBBLES OF LITHIC ARENITE,	
R	99.90	106.00			LITHIC TUFF,CHERT,SILTSTONE,SHALE. OFTEN BROKEN.	
	106.00	106.50	0.5		FAULT: hard, highly broken, fault: 45 degree angle to c.a., 50% quartz infilling shear/fault, 0.3% pyrrhotite.	
	106.50	107.80	1.3		CALCAREOUS CONGLOMERATE: medium gray, massive, sheared, hard, moderately broken, small pebble, angular, moderately low sphericity, OPEN STRUCTURE, shear: 45 degree angle to c.a., sharp planar base.	
	107.80	128.30	20.5		SILTSTONE: medium dark grey, finely bedded, medium bedded,	

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	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					microfaults, hard, moderately broken, bedding: 35 degree angle to c.a., microfault: 40 degree angle to c.a., faulted base. 107.80- 128.30: 10% CALCAREOUS INTER BEDDED SANDSTONE: medium light grey, finely bedded, coarse sand, intermediately sorted.	
	128.30	128.31			FAULT: fault: 10 degree angle to c.a..	
	128.31	169.50	41.7		CALCAREOUS CONGLOMERATE: medium light grey, massive, coarse sand, large pebble, 40% coarse, intermediately sorted, sub-rounded, high sphericity, 1% carbonate veins of.	
R	128.31	169.50			VARIES FROM MATRIX TO GRAIN SUPPORTED . POLYMICT WITH PEBBLES	
R	128.31	169.50			OF LITHIC TUFF,LITHIC ARENITE, WITE CHERT, BUFF SILTSTONE, GREY	
R	128.31	169.50			SILTSTONE/SHALE, DOLOMITIC SILTSTONE.	
					145.30- 153.20: 80% CALCAREOUS INTER BEDDED LITHIC ARENITE: medium gray, massive, coarse bedded.	

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