

## SURFACE DIAMOND DRILLHOLE : RRD001

PROJECT IDEN : RING  
COLLAR NORTHING: 65235.00  
DRILLED BY : DDTSTART DATE : 16 JAN 90  
COLLAR EASTING : 75240.00  
TOTAL LENGTH : 283.00COMPLETION DATE : 20 NOV 89  
COLLAR ELEVATION: 554.00  
CORE/HOLE SIZE : HQLOGGED BY: DR. SCOTT W. HALLEY  
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00	270.00	-58.00		65235.00	75240.00 554.00
000	13.00	268.00	-58.00			
000	38.00	268.00	-58.00			
000	77.00	267.50	-55.50			
000	127.00	269.00	-51.00			
000	175.00	270.00	-50.00			
000	226.00	266.50	-48.50			
000	268.00	269.00	-48.50			

	Interval From (m) To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	32.60		MUDSTONE: 30% sandstone, interbedded, veinlets of siderite 1%, blebs of chalcopyrite trace.	WHITE SPUR GROUP
R	0.00	32.60		THE CORE TRAYS WERE DROPPED, AND SUBSEQUENTLY THE CORE WAS OUT OF ORDER.	
R	0.00	32.60			
	32.60	56.00		MUDSTONE: dark gray, 20% siltstone, 10% sandstone, interbedded, disseminations of pyrite .03%. 34.00 - 34.10: 30% SANDSTONE: finely bedded, bedding: 47. 34.80 - 34.90: 80% MUDSTONE: finely bedded, bedding: 0. 37.00 - 37.20: 100% SANDSTONE: graded bedded, bedding: 70. 42.10 - 42.20: 60% MUDSTONE: finely bedded, graded bedded, fossiliferous, bedding: 33. 45.70 - 45.90: 60% MUDSTONE: finely bedded, graded bedded, fossiliferous, bedding: 40. 50.10 - 50.20: 70% SANDSTONE: finely bedded, graded bedded, bedding: 30, disseminations of pyrite 0.1%.	WHITE SPUR GROUP

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	Interval		Rec.	RQD	Description	Unit
	From (m)	To (m)	(m)	(%)		
R	54.70	59.20			54.50 - 54.70: 100% SANDSTONE: graded bedded, bedding: 35. TRAY NUMBER 12 WAS DROPPED, AND THUS CORE WAS OUT OF ORDER.	
	56.00	102.30			MUDSTONE: very dark gray, 5% sandstone, veinlets of quartz 1%, veinlets of siderite 1%.	WHITE SPUR GROUP
R	59.20	63.40			TRAY NUMBER 13 WAS DROPPED, AND CORE WAS LOST .	
					64.60 - 64.70: 90% MUDSTONE: finely bedded, bedding: 62.	
					84.00 - 84.10: 90% MUDSTONE: bedding: 52.	
					89.10 - 89.20: 80% MUDSTONE: finely bedded, bedding: 38.	
					91.10 - 93.30: 20% VEIN: veinlets of quartz 20%, veinlets of siderite 5%.	
					98.80 - 99.00: 50% MUDSTONE: finely bedded, bedding: 33.	
	102.30	121.40			MUDSTONE: dark gray, 10% sandstone, 20% siltstone, interbedded, stringers of graphite 1%.	WHITE SPUR GROUP
					103.30 - 103.40: 100% MUDSTONE: finely bedded, bedding: 62.	
					108.95 - 109.05: 80% MUDSTONE: finely bedded, bedding: 48.	
					114.40 - 114.60: 90% MUDSTONE: finely bedded, bedding: 60.	
					119.52 - 119.54: 100% FAULT: fault: 53, bedding: 53.	
					120.80 - 121.00: 90% MUDSTONE: finely bedded, bedding: 44.	
	121.40	142.40			MUDSTONE: very dark gray, 10% sandstone, disrupted bedding, stringers of graphite 2.5%.	WHITE SPUR GROUP
					129.40 - 129.60: 100% MUDSTONE: fault: 15.	
					130.00 - 130.50: 100% MUDSTONE: fault: 9, graphite.	
					131.45 - 131.50: 100% MUDSTONE: fault: 37.	

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Interval		Rec.	RQD	Description	Unit
From (m)	To (m)	(m)	(m)		
				136.75 - 136.80, 100% MUDSTONE: fault; 32.	
				138.70 - 138.75, 100% MUDSTONE: fault; 45, disseminations - veins graphite.	
				139.30 - 139.35, 100% MUDSTONE: fault; 40, disseminations - veins graphite.	
142.40	146.80			SANDSTONE: pale grey, massive.	WHITE SPUR GROUP
146.80	159.35			MUDSTONE: dark gray, 20% sandstone, interbedded, disrupted bedding, weakly foliated, stringers of graphite 2.5%, lenses of pyrite .03%.	WHITE SPUR GROUP
159.35	161.20			SANDSTONE: pale grey, massive.	WHITE SPUR GROUP
161.20	162.95			MUDSTONE: dark gray, 20% sandstone, interbedded, disrupted bedding, stringers of graphite 2.5%.	WHITE SPUR GROUP
162.95	168.85			SANDSTONE: pale green, 5% mudstone, massive. 167.80 - 168.00, 100% SANDSTONE: bedding; 57, cleavage; 57.	WHITE SPUR GROUP
168.85	172.50			MUDSTONE: very dark gray, 5% sandstone, disrupted bedding, stringers of graphite 2.5%.	WHITE SPUR GROUP
172.50	185.85			MUDSTONE: medium gray, 30% sandstone, brecciated, strongly foliated, disrupted bedding, stringers of graphite 2.5%.	WHITE SPUR GROUP
R	172.85	185.85		ZONE OF STRONG SHEARING AND DEFORMATION ADJACENT TO THE	
R	172.85	185.85		ROSEBERRY FAULT	
	185.85	186.40		FAULT.	ROSEBERRY FAULT
	186.40	271.10		TUFF: light green, 2.5% mudstone, massive, feldspar phytic, stockwork siderite 2.5%.	DUNDAS GROUP CAMBRIAN
	271.10	282.75		MUDSTONE: very dark gray, finely bedded, veinlets of siderite 2.5%, veinlets of sphalerite .03%.	DUNDAS GROUP CAMBRIAN

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Interval		Rec. (m)	RQD (m)	Description	Unit
From (m)	To (m)				
282.75	283.00			TUFF: light green, massive, feldspar phytic.	DUNDAS GROUP CAMBRIAN

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