CRA EXPLORATION PTY. LIMITED

DRILL-HOLE SUMMARY LOG

304131

HOLE NAME: DD96SW2 **AMG** **EAST** 375203 **NORTH** 5324123

PROSPECT Swift Creek **GRID** **EAST** 5330 **NORTH** 10500

EL: Swift Creek **EL** 64/94 **RL** **DEPTH** 81.2 m

DATE DRILLED: 28/3/96 - 1/4/96

LOGGED BY: Sandy Meapes

DRILLING CO.: All Terrain Expl

DRILL TYPE: Diamond BQTK

DRILL RIG: Gopher

LOC DRILL CORE: Zeehan shed

SURVEYS:

DEPTH	AZIM (AMG)	DIP	DEPTH	AZIM (AMG)	DIP
0	106°	50°			
40	102°	40°			
81.2	105°	37½°			

OBJECTIVES OF HOLE:

Determine if mineralisation is developed below the "middle siltstone" unit proximal to an interpreted fault

LITHOGICAL SUMMARY:

FROM	TO	FORM CODE	COMMENTS
0	15	C	Gravels to 6m, underlain by weathered limestone (decomposed - Karstic)
15	25.9	Ogul	Lime mudstone.
25.9	30.0	Ogoo	Equigranular calcarenite
30.0	42.5	Ogul	Very fine grained, carbonaceous dol arenite
42.5	44.3	Ogoo/Ogbr	Dolarenite, brecciated in places
44.3	57.6	Ogul	Lime mudstone
57.6	61.5	Ogul	Poorly sorted, bioclastic calcarenite
61.5	68.1	Ogul	Lime mudstone
68.1	69.7	Ogoo/Ogbr	Brecciated dolarenite
69.7	81.2	Ogul	Lime mudstone

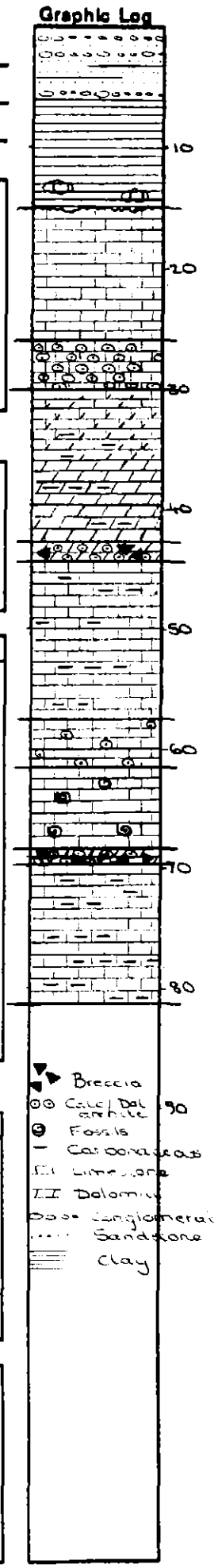
MINERALISATION SUMMARY:

FROM	TO	COMMENTS
		No significant mineralisation intersected

CONCLUSIONS:

No siltstone unit intersected. Clastic unit higher in sequence (intersected in DD96SW3, 4 and 5)

Graphic Log



Page No. 1
Tenement Name. NO 64/94
Prospect. Swift Creek

CRA EXPLORATION PTY LIMITED

DRILL CORE LOG

Local 5330E 10800N
CO-ORDINATES 575808mE AZIMUTH 094° mag DRILLERS A.T.E. COMMENCED 28/3/96 DEPTH 61.2m HOLE No. DD96SW32
RL COLLAR 5324.23mN INCLINATION -5.0° DRILL TYPE Gopher COMPLETED 1/4/96 CASING LEFT 75mm PVC to 2m DPO No(s) 82160

Depth From (m)	Depth To (m)	Core Rec %	Rock Quality	Form Code	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	Dfrom (m)	Dto (m)	MagSus Depth	MagSus x10⁻³ Value	Recovery From (M)	Recovery To (M)	Recovery Cut (M)	Recovery Rec (M)	Recovery Rec %
0	15			C	COVER					15.5	3	0	1.7	1.7	0.1	6
					Sandstone gravels and					16.0	4	1.7	2.2	0.5	0.1	20
					boulders to 60m, then brown		447083	6.2	9.2	16.5	2	2.2	4.7	2.5	1.0	40
					black and grey gritty clays		084	9.2	10.7	17.0	1	4.7	6.2	1.5	0.3	20
					overlying non-calcareous		085	10.7	12.2	17.5	5	6.2	7.7	1.5	1.0	67
					olive grey "shale" - probably		086	12.2	13.7	18.0	4	7.7	9.2	1.5	0.6	40
					decomposed limestone (karst)		087	13.7	15.2	18.5	3	9.2	10.7	1.5	0.6	40
										19.0	2	10.7	12.2	1.5	1.0	67
15	25.9			Ogul	LIME MUDSTONE	Sulphidic stylolites	088	15.2	16.7	19.5	5	12.2	13.7	1.5	0.3	20
					Grey and dark grey, variably					20.0	4	13.7	15.2	1.5	0.2	13
					argillaceous, bioturbated.					20.5	9	15.2	16.7	1.5	1.5	100
					Occasional bioclasts					21.0	2	16.7	18.2	1.5	1.5	100
										21.5	4	18.2	19.7	1.5	1.5	100
25.9	30.0			Ogm	EQUIGRANULAR CALCARENITE	Sulphidic stylolites	089	25.7	27.2	22.0	5	19.7	21.2	1.5	1.5	100
					Light grey, fine to medium		090	27.2	29.5	22.5	5	21.2	22.7	1.5	1.5	100
					grained. Bioclastic horizon					23.0	4	22.7	24.2	1.5	1.5	100
					at base of interval					23.5	5	24.2	25.7	1.5	1.5	100
										24.0	4	25.7	27.2	1.5	1.5	100
30.0	42.5			Ogul	FINE GRAINED DOLARENITE	Sulphidic stylolites	091	34.7	36.2	24.5	5	27.2	28.7	1.5	1.5	100
					Grey to dark grey,	and fractures	092	40.2	42.2	25.0	5	28.7	30.2	1.5	1.5	100
					carbonaceous, very fine					25.5	4	30.2	31.7	1.5	1.5	100
					grained. Bioturbated in					26.0	5	31.7	33.2	1.5	1.5	100
					places. Calcareous at top of unit					26.5	8	33.2	34.7	1.5	1.5	100
										27.0	4	34.7	36.2	1.5	1.5	100
42.5	44.3			Ogm	DOLARENITE	5-10% Sulphide	093	42.7	43.7	27.5	5	36.2	37.7	1.5	1.5	100
					Light grey, medium	replacement (pyrite)	094	43.7	45.0	28.0	3	37.7	39.2	1.5	1.5	100
					grained, brecciated in	in upper brecciated zone				28.5	4	39.2	40.7	1.5	1.5	100
					places					29.0	4	40.7	42.2	1.5	1.5	100
										29.5	2	42.2	43.7	1.5	1.4	93
44.3	57.6			Ogul	LIME MUDSTONE		095	46.0	46.7	30.0	6	43.1	45.2	1.5	1.4	93
					Variably carbonaceous,		096	32.7	54.2	30.5	6	45.2	46.7	1.5	1.5	100
					variably bioturbated.		097	54.2	56.0	31.0	6	46.7	48.2	1.5	1.5	100
					Laminated to banded											
					Dolomitic at top of unit											

CRA EXPLORATION PTY LIMITED

DRILL CORE LOG

CO-ORDINATES Local 5330E 10800N 376803mE ..AZIMUTH....094°mag.....DRILLERS..ATE.....COMMENCED 28/3/96..DEPTH...81.2m.....HOLE No..DD96SW02.....
RL COLLAR.....537.123mN..INCLINATION....50°.....DRILL TYPE..Gopher.....COMPLETED 1/4/96....CASING LEFT 25mPVC to 2m..DPO No(s)...82160.....

Depth From (m)	Depth To (m)	Core Rec %	Rock Quality	Form Code	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	Dfrom (m)	Dto (m)	MagSus Depth	MagSus Value	Recovery From (M)	Recovery To (M)	Recovery Cut (M)	Recovery Rec (M)	Recovery Rec %
57.6	61.5			Ogul	BIOCLASTIC CALCARENITE Poorly sorted, bioclastic calcarenite.	Sulphidic stylolites	502085	55.0	56.1	31.5	7	48.2	49.7	1.5	1.5	100
							059	56.1	57.6	32.0	5	49.7	51.2	1.5	1.6	100
							502100	57.6	58.7	32.5	5	51.2	52.7	1.5	1.5	100
										33.0	7	52.7	54.2	1.5	1.5	100
61.5	68.1			Ogul	LIME MUDSTONE Predominantly light grey, with disrupted bands and laminae of dark grey, carbonaceous lime mudstone. Common ?stromatoporoids in living position.		5473501	66.4	66.2	33.5	6	54.2	55.7	1.5	1.5	100
							502	66.2	68.2	34.0	6	55.7	57.2	1.5	1.5	100
										34.5	9	57.2	58.7	1.5	1.5	100
										35.0	7	58.7	60.2	1.5	1.5	100
										35.5	12	60.2	61.7	1.5	1.5	100
										36.0	12	61.7	63.2	1.5	1.5	100
										36.5	10	63.2	64.7	1.5	1.5	100
										37.0	11	64.7	66.2	1.5	1.5	100
										37.5	14	66.2	67.7	1.5	1.5	100
68.1	69.7			Ogbr Ogbc	BRECCIATED DOLARENITE Brecciated, recrystallised medium to coarse grained dolarenite	Sulphidic stylolites	503	68.2	69.7	38.0	9	67.7	69.2	1.5	1.5	100
										38.5	9	69.2	70.7	1.5	1.5	100
										39.0	9	70.7	72.2	1.5	1.5	100
										39.5	14	72.2	73.7	1.5	1.5	100
										40.0	10	73.7	75.2	1.5	1.5	100
69.7	81.2			Ogul	LIME MUDSTONE Well laminated, dark grey, carbonaceous, argillaceous lime mudstone and more massive, grey, stylolitic lime mudstone.	Sulphidic stylolites	504	69.7	72.2	40.5	9	75.2	76.7	1.5	1.5	100
							505	76.7	78.2	4	8	76.7	78.2	1.5	1.5	100
										41.5	5	78.2	79.7	1.5	1.5	100
										42.0	8	79.7	81.2	1.5	1.5	100
										42.5	5					
						Surveys (Orientation)				43.0	14					
										43.5	15					
						78.2m: Bedding dipping 78°W				44.0	13					
										44.5	10					
						(Bedding to core angle @ 74m ≥ 52°. Confirms bedding dipping @ 78°W				45.0	6					
										45.5	7					
										46.0	5					
										46.5	6					
										47.0	5					

Page No. 3
Tenement Name NO6494
Prospect Swift Creek

CRA EXPLORATION PTY LIMITED

DRILL CORE LOG

CO-ORDINATES Local 5330E 10800N 375803 mE AZIMUTH 094° mag DRILLERS ATE COMMENCED 28/3/96 DEPTH 81.2 m HOLE No. DD96SW2

RL COLLAR 5324123 mN INCLINATION 50° DRILL TYPE Gopher COMPLETED 1/4/96 CASING LEFT 75mm PVC to 2m DPO No(s) 37160

Depth From (m)	Depth To (m)	Core Rec %	Rock Quality	Form Code	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	Dfrom (m)	Dto (m)	MagSus Depth	MagSus Value	Recovery From (M)	Recovery To (M)	Recovery Cut (M)	Recovery Rec (M)	Recovery Rec %	
										47.5	5		63.5	6		79.5	5
						Downhole Surveys				48.0	5		64.0	4		80.0	6
										48.5	7		64.5	4		80.5	7
						40m: Azim 090° mag Dip 40°				49.0	5		65.0	5		81.0	10
						81.2m: Azim 093° mag Dip 37.5°				49.5	8		65.5	6			
										50.0	6		66.0	5			
										50.5	5		66.5	9			
										51.0	5		67.0	6			
										51.5	5		67.5	7			
										52.0	7		68.0	6			
										52.5	5		68.5	14			
										53.0	4		69.0	15			
										53.5	4		69.5	14			
										54.0	6		70.0	10			
										54.5	5		70.5	10			
										55.0	6		71.0	8			
										55.5	9		71.5	10			
										56.0	9		72.0	4			
										56.5	5		72.5	1			
										57.0	9		73.0	4			
										57.5	7		73.5	4			
										58.0	8		74.0	3			
										58.5	6		74.5	5			
										59.0	7		75.0	4			
										59.5	5		75.5	4			
										60.0	5		76.0	4			
										60.5	10		76.5	3			
										61.0	4		77.0	9			
										61.5	5		77.5	6			
										62.0	3		78.0	5			
										62.5	4		78.5	6			
										63.0	5		79.0	6			