

G E O L O G

F O R M A T -- I

E D I T L I S T I N G

ARCHER CATHRO AND ASSOCIATES LTD.

WERNECKE JOINT VENTURE IGOR PROP

FORMAT VERSION : 5B02

DRILLHOLE/TRaverse 80CH021
TOTAL DEPTH/LENGTH 137.77
CORE/HOLE DIAMETER 8

COLLAR ELEVATION 1124.00
NORTHING(- IF S) 3590.50
EASTING (- IF W) -158.00

AZIMUTH(LEG 1) 90.00
VERTICAL ANGLE -50.00
CO-ORD SYSTEM GRD

GEOLOGGED BY : WDE +
DATE DY/MON/YR 26/JUL/80
PROJECT NUMBER WJV

F . . I N T E R V A L . .				CORE	MF X	TYP1-	TEX-	GRAIN	FRACS	STRUCTURES...	ALT/N ASSEM.+	MINERALIZATION.										AI	OI							
(M T . 2)				RECOV	OI M	ROCK	MINS	QAL	TURES	-+ M	S	T D	B	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	LN	RN		
				-MISS	DE I		TM	TM	MIN	MAJOR	FC	CA	DEN	M	ID	T	AZM	O	I	D										
Y G F.R.O.M : T..0 I.N.T				+PC.1	IR	X	TYPE	1	2	1	TX	TX	X	I	K	P	P.	1	QZ	CL	CB	C2	AB	XX	HX	PY	UR	YY	BM	ZONE
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				ROC	DE	P		QAL	TX	TX	SR	SO	SML	X	P	B	P	B	FL	BA	C1	C3	MU	HA	H:	CP	HA	HW	HOW	
R.O.D.				U-	EN	R	COLOR	MIN	MINOR	ON	H/	TOO	M	ID	L	AZM	O	L	D											
				NIT	PV	OV		2		RD	PC	PDW	2	G	T	G	2													

/ 0.00 19.81 19.81 OVER

R 0.00 19.81 A LARGE SLUMP CONTAINING A WIDE VARIETY OF BOULDERS, BOTH LOCAL

R 0.00 19.81 AND GLACIAL.

/ 19.81 24.38 4.57 BRPQ AB CB 4P7 BR CR 18 68 1 P3 V= P3 SE 6+ 15
L HB1 9W 6R1 12 CC 1 V= P3 HS

R 19.81 24.38 PREDOMINANTLY VERY COARSE FRAGMENTS OF PARTIALLY ALBITIZED ARG.

R 19.81 24.38 ALBITIZATION MOST INTENSE ALONG FRACTURES. SIMILAR TO PIKE ROCKS

R 19.81 24.38 THE PRESENCE OF SERPENTINE IN THE ROCK IS HIGHLY UNUSUAL. THE

R 19.81 24.38 DARK PURPLE ARGILLITES ARE ALSO UNCOMMONLY HARD.

/ 24.38 28.96 4.58 BRPQ AB CB 6R4 BR 17 28 1 P2 P3 D+ P2 SE 8= 35
L HB1 9W 5P2 36 CO 1 V) P2 P2 HS

R 24.38 54.56 EXCELLENT HB1: HIGHLY VARIED, ROUNDED FRAGMENTS SURROUNDED BY A

R 24.38 54.56 MATRIX OF FINER FRAGMENTS AND COARSE CB. SERPENTINE APPEARS TO

R 24.38 54.56 BE HIGHLY ALTERED FRAG RATHER THAN MATRIX MATERIAL.

/ FLT 28.96 30.78 1.82 X BRPQ AB CB 6R4 BR 17 28 2X F2 30 P2 P3 D+ P2 SE 8= L1 35
L HB1 9W 5P2 36 CO X V) P2 P2 HS

/ 30.78 32.00 1.22 X BRPQ AB CB 6R4 BR 18 28 1 P2 P3 D+ P2 SE 8= 35

/ 32.00 35.05 3.05 BRPQ AB CB 6R4 BR 17 28 1 P2 P3 D+ P2 SE 8= 35
L HB1 9W 5P2 36 CO 1 V) P2 P2 HS

DRILLHOLE/TRAVERSE --- 80CH021 --- (CONTINUED)

K	FLG	F.R.O.M	: T..0	I.N.T	RECOV	MF	%	ROCK	TM	TM	QM1	TX	TX	-->	XM	FRX	1	ID	S	AZM	T	DP	B	QZ	CL	CB	C2	AB	XX	HX	PY	UR	YY	BM	ZI
					R.O.D	R.U	DE	PV	COLOR	QM2	TX	TX	SR	SO	SML	2	ID	P	AZM	B	PL	2	FL	BA	C1	C3	MU	HA	H:	CP		HA	12	12	
/		35.05	42.67	7.62		X	BRPQ	AB	CB	6R4	BR		17	28	1		FL					30		P2		P3	D+	P2	SE	8=				35	
R		35.05	42.67				FAINT FOLIATION MOSTLY IN GROUNDMASS.																												
/		42.67	47.85	5.18		X	BRPQ	AB	CB	6R4	BR		17	28	1		FL					45		P2	D1	P2	D+	P2	SE	8=				35	
L					HB1			9W		5P2			36	CO	1											V)	P1	P2		HS					
/		47.85	49.83	1.98		X	BRPQ	AB	CB	4P5	BR		17	28	1									P2		P3	D+	P2	SE	8=				25	
L					HB1			9W		6R1			36	CO	1												V)	P2	P2		HS				
/		49.83	52.55	2.72			BRPQ	AB	CB	6R4	BR		17	28	1									P2		P3	D+	P2	SE	8=				35	
L					HB1			9W		5P2			36	CO	1												V)	P2	P2		HS				
/	FLT	52.55	52.91	.36		X	BRPQ	AB	CB	6R4	BR		17	28	1		F/					70		P2		P3	D+	P2	SE	8=				35	
R		52.55	52.91				SOME GOUGE. ROCKS AROUND THIS INTERVAL STILL CONTAIN HIGHLY																												
R		52.55	52.91				VARIED FRAGMENTS IN A PREDOMINENTLY CB MATRIX. CARBONITIZATION																												
R		52.55	52.91				AND ALBITIZATION ARE THE MOST COMMON ALTERATIONS OF FRAGMENTS.																												
/		52.91	54.56	1.65			BRPQ	AB	CB	6R4	BR		17	28	1									P2		P3	D+	P2	SE	8=				35	
L					HB1			9W		5P2			36	CO	1												V)	P2	P2		HS				
R		53.34	53.64				ANOMALOUS RADIOACTIVITY APPEARS TO BE CENTERED ON A 5CM WIDE																												
R		53.34	53.64				STRONGY ALBITIZED FRAGMENT CONTAINING 10% HE.																												
/		54.56	62.18	7.62			BRPQ	AB	CB	7R4	BR		17	28	2									P2	D=	P3	D1	P2		7=				35	
L					HB1			9WCL		5A2			36	CO	2												P2	P2							
/		62.18	71.02	8.84			PLIT	AB			CR				13		FL					45		P3	>(	V+		34		D=				05
L								3P							3												V+		P2		HE				
R		62.18	78.64				APPEARS TO BE A LARGE BLOCK OF ALTERED ARGILLITE: WEAK-MODERATE																												
R		62.18	78.64				ALBITIZATION ALONG FRACTURES. SEEMS SLIGHTLY HARDER THAN USUAL																												
R		62.18	78.64				POSSIBLY DUE TO FINELY DISSEMINATED ALBITE. DARK COLOUR APPEARS																												
R		62.18	78.64				TO BE DUE TO FINELY DISSEMINATED HE BUT MAY ALSO BE BI																												
/		71.02	72.09	1.07		X	BRPE	AB	CB	3P3	BR		17	27	3		FL					45		P3	D)	P2	P=	P3		7=				25	
L					HB4			9W		6R3			22	CC	3												<+	P1	P1		HE				
R		71.02	72.09				FOLIATION WEAK.																												
/		72.09	73.46	1.37			PLIT	AB			CR				13		FL					45		P3	>(	V+		34		D=				05
L								3P							3												V+		P2		HE				
/	FLT	73.46	73.76	.30		X	PLIT	AB			CR				13		F2					30		P3	>(	V+		34		D=				05

DRILLHOLE/TRAVERSE --- 80CH021 --- (CONTINUED)

K FLG F.R.O.M : T..0 I.N.T RECOV MF X ROCK TM TM QM1 TX TX --+ XM FRX 1 ID S AZM T DP B QZ CL CB C2 AB XX HX PY UR YY BM ZI

R.Q.D R.U DE PV COLOR QM2 TX TX SR SO SML 2 ID P AZM B PL 2 FL BA C1 C3 MU HA H: CP HA 12 12

/ 73.76 78.64 4.88 PLIT AB CR 13 FL 45 P3 > V+ 34 D= 05
L 3P 3 V+ P2 HE/ 78.64 80.01 1.37 BRPQ AB CB BR 17 37 12 P2 8= P2 D+ P4 7= 25
L HB1 9W 23 CO 11 V) P2 P1 HE/ FLT 80.01 80.62 .61 X BRCL CL RP X F/ 30 P8 <= D= 02
L HB3 2G 2 C X <=/ 80.62 83.82 3.20 BRPQ AB CB BR 17 37 12 P2 8= P2 D+ P4 7= 25
L HB1 9W 23 CO 11 V) P2 P1 HE/ 83.82 87.05 3.23 X PLIT AB CR 13 FL 45 P3 71 P2 P1 D= 7+ 44
L 3P 3 V+ P1 P3 HE/ 87.05 89.31 2.26 X PLIT HE PY 4A1 CR 17 17 12 FL 45 P3 > D1 D+ D= D2 D+ 15
L 2A 7A1 5 2 3 <+ D1 P3 HE

R 87.05 90.98 GRADES LOCALLY INTO BROS.

/ 89.31 89.73 .42 X BROS HX BA 2 FL 30 P7 D= 05
L HB4 2NPY 2 CN 30 D2 H> D./ 89.73 90.98 1.25 X PLIT HE PY 4A1 CR 17 17 12 FL 45 P3 > D1 D+ D= D2 D+ 15
L 2A 7A1 5 2 3 <+ D1 P3 HE/ 90.98 92.35 1.37 X PLIT CL PY 7A1 CR 17 27 22 FL 45 P2 P2 P2 D1 D1 71 D1 05
L 5GCP 7G1 1 V+ P1 P2 HE

R 90.98 92.35 GRADES LOCALLY INTO BRSD

/ 92.35 97.69 5.34 BRPQ CB 8T5 BR FL 17 77 1 FL 45 P2 D+ P4 P3 D- 64
L HB2 8T 6R2 22 FC 1 P1 P4/ 97.69 100.71 3.02 X BRPQ HE AB 7T3 BR 06 26 1 P2 P3 D2 D. D2 D- 34
L HB1 6AMG 6R- 55 CO 1 V) D1 P3 H>

R 97.69 100.71 WEAK ERRATIC FOLIATION. MOST FRAGMENTS ARE FROM SURROUNDING ROCK

/ 100.71 103.48 2.77 X BRPQ CB 8T5 BR FL 17 77 1 FL 45 P2 D+ P4 P3 D+ D+ 64

/ 103.48 106.25 2.77 BRPQ AB MG 8T2 BR RP 07 47 2 FL 30 P+ D3 D1 P3 D1 D= 25
L HB1 6RPY 6R3 22 FC 11 D1 P1

R 103.48 107.96 DIRECTLY EQUIVALENT TO SURROUNDING HB2 EXCEPT FOR PERVASIVE AB,

R 103.48 107.96 PY, HE AND MG. WOULD PROBABLY BE CALLED HB1 ON SURFACE. PELITIC

R 103.48 107.96 MATRIX LARGELY GONE TO AB. ALTERATION CORED BY BRCL.

/ 106.25 106.68 .43 X BRCL CL RP BR 06 16 23 CN 60 P8 D1 D1 01 03
L HB3 2G 33 CO 2 D1

R:G:D R:U DE PV COLOR QM2 TX TX SR SO SML 2 ID P AZM B PL 2 FL BA C1 C3 MU HA H: CP HA 12 12

7. END