MULTIPLE ACCESS COMPUTER GROUP / INTERNATIONAL GEOSYSTEMS CORPORATION 20/12/80.

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 : 6802

DRILLHOLE/TRAVERSE 80CH011 | COLLAR ELEVATION 1169.00 | AZIMUTH(LEG 1) 63.00 | GEOLOGGED BY : WDE +
TOTAL DEPTH/LENGTH 82.91 | NORTHING(- IF S) 3595.50 | VERTICAL ANGLE -75.00 | DATE DY/MON/YR 05/JUL/80
CORE/HOLE DIAMETER B | EASTING (- IF W) -43.00 | CO-ORD SYSTEM GRD | PROJECT NUMBER WJV

KEY	FLAG	INTERVAL (MT. 2) FROM	TO	INT	CORE RECOV -MISS +PC.1	MF OI IR	M I X	ROCK TYPE	TYPI-MINS TM 1	TM 2	QAL MIN 1	TEX-TURES MAJOR TX	TX	GRAIN -+ M FC	CA	X	FRACS DEN I	M	ID	STRUCTURES T K	AZM	T D I P	B D 1	ALT/N HA	ASSEM.+ HA	MINERALIZATION. HA	AY LN TT	OI RN ET
						ROC	DE	P			QAL	TX	TX	SR	SO		SML	X		P		B	.P	B	FL	BA	C1	C3	MU	HA	H:	CP		HA	HW	ZONE
					R.Q.D.	U- NIT	EN PV	R OV	COLOR		MIN 2	MINOR		ON RD	H/ PC		TOO PDW	M 2	ID	L G	AZM	O T	L G	D 2											1 2	1 2
/		0.00	9.45	9.45				OVER																											
R		0.00	9.45					MIXED BRECCIA TALUS WITH SOME EXOTIC DOLOMITE FLOAT BOULDERS																													
/		9.45	11.28	1.83				BRCP	AB		5R3	BR	FZ	07	47	XX								P2	<1	P4	P3	P3	D+			16	
L						HB1			3G		6T3				24	CC	X								<1		P1	HE					
/		11.28	14.33	3.05				BROX			3R6	BR		17	68	58		FL		50			P3	P1	P1	P=		P3			05	
L						HB1			2G		6A3				23	FC	52								<=		P1	HE					
/	FLT	14.33	22.56	8.23				BRCL	CL		5G6	BR	FZ	17	28	XX		FZ		75			P2	P5	P3	P2		D+			22	
L						HB3			8T		7T2				21	CC	X								<=	P1	P1	HE					
R		14.33	22.56					FAULT MUCH YOUNGER THAN BRECCIA. CL RELATED TO FAULT. ROCK OFTEN																													
R		14.33	22.56					REDUCED TO GOUGE.																													
/		22.56	30.33	7.77				BRCP	CB	AB	7G6	BR		19	89	35							81	<=	P4	P3	P2	D1			45	
L						HB1			3G		7R3				21	CC	41								<1		P1	HE					
R		22.56	51.21					BOTH DO AND CA ARE PRESENT.																													
/	FLT	30.33	31.46	1.13			X	BRCP	CB	AB	7G6	BR		07	58	35		FZ		75			P2	P3	P3	P2	P1	D+			23	
L						HB1			3G		7R3				21	CC	41								<=		P1	HE	V.				
R		30.33	31.46					TECTONIC BRECCIA RELATED TO FAULT CONTAINS FRAGMENTS OF ORIGINAL																													
R		30.33	31.46					BRECCIA. CL MATRIX ALTERATION ALSO RELATED TO FAULT. SIMILAIR																													
R		30.33	31.46					NARROW ZONES ARE SCATTERED THROUGHOUT THE MAJOR INTERVAL.																													
/		31.46	35.36	3.90				BRCP	CB	AB	7G6	BR		19	89	35							81	<=	P4	P3	P2	D1			45	
L						HB1			3G		7R3				21	CC	41								<1		P1	HE					

DRILLHOLE/TRAVERSE --- 80CH011 --- (CONTINUED)

K	FLG	F.R.O.M	T..O	I.N.T	RECOV	MF	%	ROCK	TM	TM	OM1	TX	TX	-+	%M	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
/		35.36	40.54	5.18			X	BRCP	CB	AB	7G6	BR		19	89	24								8=	<=	P3	P2	P4		DI	V.			35	
L						HB1			4A		7R3			21	CC	31										<1		D+		HE	V.				
R		35.36	43.89						AB IS GENERALLY FINE GRAINED AND OCCASIONALLY PREFERENTIALLY																												
R		35.36	43.89						REPLACES PARTICULAR LAYERS IN THE ROCKS. ASIDE FROM MINOR																										
R		35.36	43.89						SLICKENSIDED SURFACES ROCK APPEARS TO BE LITTLE AFFECTED BY THE																										
R		35.36	43.89						FAULY. DEFINITELY HB1.																										
/		40.54	40.84	.30			X	BRCP	CB	AB	7G6	BR		19	89	24		FL		65			8=	<=	P3	P2	P4		DI	V.			35	
L						HB1			4A		7R3			21	CC	31										<1		P+		HE	D+				
/		40.84	43.89	3.05			X	BRCP	CB	AB	7G6	BR		19	89	24								8=	<=	P3	P2	P4		DI	V.			35	
L						HB1			4A		7R3			21	CC	31										<1		D+		HE	V.				
/		43.89	46.39	2.50				BRCP	CB	AB	7G6	BR		19	89	35								81	<=	P4	P3	P2		D1				45	
L						HB1			3G		7R3			21	CC	41										<1		P1		HE					
/		46.39	48.40	2.01			X	BRCP	CB	AB	7G6	BR		19	89	35								81	<=	P4	P3	P2		D1				45	
L						HB1			3G		7R3			21	CC	41									V+	<1		P1		HE	D+				
R		48.37	48.92						UNIDENTIFIED SUBMETALLIC, NONMAGNETIC, BLACK MINERAL, HARDNESS 7																										
R		48.37	48.92						MUCH HARDER THAN HEMATITE, 10% OF ROCK; DETRITAL TOURMALINE?																										
/		48.40	51.21	2.81				BRCP	CB	AB	7G6	BR		19	89	35								81	<=	P4	P3	P2		D1				45	
L						HB1			3G		7R3			21	CC	41										<1		P1		HE					
R	SPC	48.46	48.65																																
/		51.21	52.12	.91				BRPC	SE		8T5	BR		07	37	13		FL		40			P2	P+	P3	P2	P+		P1	D.			34	
L						HB1			3G		7A2			24	FC	22									V)	<=	P1	P4		HE	V(				
R		51.21	69.52						FOLIATION OF FRAGMENTS AND BANDING IN MATRIX MOST PREVALENT AT																										
R		51.21	69.52						THE UPPER CONTACT. MU COARSER THAN USUAL. HE MOST ABUNDANT IN																										
R		51.21	69.52						MATRIX AS BANDS IN STRONGLY FOLIATED SECTIONS.																										
/		52.12	61.26	9.14			X	BRPC	CB		BT4	BR		07	37	13		FL		55			P2	P+	P4	P3	P+		P1	D(			24	
L						HB1			3G		7A5			24	FC	22									V)	<=	P1	P3		HE	V(				
R		52.12	61.26						FRAGMENTS OFTEN BLEND INTO MATRIX. EUHEDRAL CB CRYSTALS COMMON																										
R		52.12	61.26						IN MATRIX. DO MOST COMMON CB ALTHOUGH CA OCCURS IN SOME FRAGS.																										
/		61.26	67.97	6.71			X	BRPC	CB		8T5	BR		07	39	14		FL		55			P2	P+	P4	P3	P+		P1	P+			44	
L						HB1			3G		7A3			13	FC	32									V)	<=	P1	P3		HE	V(				

DRILLHOLE/TRAVERSE --- 80CH011 --- (CONTINUED)

K	FLG	F.R.O.M	T..O	I.N.T	RECOV	HF	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
R		61.26	67.97						FOLIATION RANGES FROM 45 TO 60 . BA FILLED FRACTURES ARE																											
R		61.26	67.97						PERPENDICULAR TO FOLIATION AND TEND TO CLUSTER.																											
/		67.97	68.12	.15			X	BRCL	CL		8T3	BR		06	26	2		FL		40		P=	P5	P3	P2		P1	D+		13			
L						HB3			2G		7A1			32	F0	2											P1	P=	H2						
/		68.12	69.52	1.40				BRPC	SE		8T5	BR		07	37	13		FL		40		P2	P+	P3	P2	P+	P1	D.		34			
L						HB1			3G		7A2			24	FC	22										V)	<=	P1	P4	HE	V(				
/		69.52	73.15	3.63				BRPC	QZ	BA	7R2	BR	RP	06	27	2		FL		45		P4		P3	P1	P1	D=	D)		76			
L						HB1			3A		7A1			32	F0	21										V=	V+	P2	P1	H>	V*				
R		69.52	73.15						FRAGMENTS LARGELY OBLITERATED. VEINS? OF SLIGHTLY SMOKY QZ, MG																											
R		69.52	73.15						GOING TO HE, AND PINK BARITE. CA IN A FEW FRAGMENTS, DO																											
R		69.52	73.15						MORE COMMON?																											
/		73.15	73.46	.31				BRPC	Q2	AB	8T3	BR		07	28	2		FL		50		P4	<)	P3	P2	P=	D=	D)		24			
L						HB1			5A		7A3			22	F0	21										V*	<+	P1	P2	H>	V*				
R		73.15	82.91						CL MOST ABUNDANT AROUND BA VEINS. AB PATCHY SEEMS TO ALTER FRAGS																											
R		73.15	82.91						PREFERENTIALLY. QZ IN BOTH FRAGMENTS AND MATRIX, IN MATRIX																											
R		73.15	82.91						SLIGHTLY SMOKY.																											
/		73.46	74.37	.91			X	BRPC	Q2	AB	8T3	BR		07	28	2		FL		50		P4	P2	P3	P2	P=	D=	D)		24			
L						HB1			5A		7A3			22	F0	21										V=	<+	P1	P2	H>	V*				
/		74.37	81.84	7.47				BRPC	Q2	AB	8T3	BR		07	28	2		FL		50		P4	<)	P3	P2	P=	D=	D)		24			
L						HB1			5A		7A3			22	F0	21										V*	<+	P1	P2	H>	V*				
/		81.84	82.91	1.07			X	BRPC	Q2	AB	8T3	BR		07	28	2		FL		50		P4	<)	P3	P2	P=	D1	D)		34			
R		81.84	82.91						SMALL, EUHEDRAL GRAINS OF HE AFTER MG DISSEMINATED IN MATRIX.																											

A MIN	0.00	0.00	0.00	PPM U	PPM CU	PPM CO	PPM AG	PPB AU	PPM MO	CPS
A LAB	0.00	0.00	0.00	CHEMEX	CHEMEX	CHEMEX	CHEMEX	CHEMEX	CHEMEX	SCNTRX
A TYP	0.00	0.00	0.00	1H-COR	1H-COR	1H-COR	1H-COR	1H-COR	1H-COR	IN BAG
A 001	46.46	48.65	.19	947.0	J17243					130
/ END										