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 : 6B02

DRILLHOLE/TRAVERSE 80CH006 COLLAR ELEVATION 1200.00 AZIMUTH(LEG 1) 35.00 GEOLOGGED BY : WDE +
TOTAL DEPTH/LENGTH 76.20 NORTHING(- IF S) 3600.00 VERTICAL ANGLE -50.00 DATE DY/MON/YR 09/JUN/80
CORE/HOLE DIAMETER B EASTING (- IF W) 10.00 CO-ORD SYSTEM GRD PROJECT NUMBER WJV

KEY	FLAG	INTERVAL (MT.2) FROM	TO	INT	CORE RECOV -MISS +PC.1	MF I OI M ROCK IR X TYPE	TYPI-MINS TM 1	TM 2	QAL MIN	TEX-TURES MAJOR	TX	TX	GRAIN -+ M FC	CA	X	FRACS DEN	M	I	STRUCTURES S ID	T	AZM	T O P	D I P.	B D 1	ALT/N HA	ASSEM. HA	+ MINERALIZATION. HA	HA	HA	HA	HA	HA	HA	AI 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	HOW
					R.Q.D.	U- EN R	COLOR		MIN	MINOR		ON	H/			TOO	M	ID	L	AZM	O	L	D										I	I
						NIT PV OV			2			RD	PC			PDW	2		G		T	G	2											2	2
/		0.00	4.57	4.57		OVER																												
/		4.57	5.21	.64		BROS	HE PY		8T4	BR	RP	06	16	13										P1		83	P3		P5	D=		MC	25	
L					HB4		INCB						24	CO	22										P*	V-		P=		HE	D(		WD		
R		4.57	5.21			WD=WAD MAY BE MANGANESE OR COPPER. OCCURS ON OPEN FRACTURES WITH																														
R		4.57	5.21			MALACHITE. CARBONATE OCCURS IN LATE VEINS AND REPLACING																														
R		4.57	5.21			PELITE FRAGMENTS.																														
/		5.21	8.56	3.35		BRCB	CB CP		8T7	BR	RP	06	47	35										F*	88	P6			D*	D(		MC	84	
L					HB4		3GCL						24	CO	21									B-	6=	V=	P2		HE	D=	LI	WD		
R		5.21	10.85			HE PSEUDOMORPHOUS AFTER MG. CP USUALLY WITH HE POSSIBLY REPLACES																														
R		5.21	10.85			HE. EXTENSIVE CARBONATIZATION AND CHLORITIZATION. CHLORITE ONLY																														
R		5.21	10.85			IN MATRIX.																														
/		8.56	9.63	1.07	X	BRCB	CB CP		7T5	BR	RP	06	46	35										F2	87	P5			D*	D(		MC	74	
L							2GCL						63	CO	21									B-	6=	V(	P2		HE	D=	LI	WD		
R		8.56	9.63			MOST RADIOACTIVE SECTION CONTAINS ABUNDANT(>10%) CP AND HE. PLUS																														
R		8.56	9.63			A SILVERY MINERAL POSSIBLY ARSENOPYRITE. BR FRAGMENTS ALSO FINER																														
/		9.63	10.85	1.22		BRCB	CB CP		8T7	BR	RP	06	47	35										F*	88	P6			D*	D(		MC	84	
L					HB4		3GCL						24	CO	21									B-	6=	V=	P2		HE	D=	LI	WD		
/	VEN	10.85	15.79	4.94		BRBA	BA CB		7T2	BR	RP	36	17	13										P(	F*	P1	P1		X*	<-		MC	84	
L					HB4		8R						54	FO	21										P8			P(		HE	8)		WD		

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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 80CH006 COLLAR ELEVATION 1200.00 AZIMUTH(LEG 1) 35.00 GEOLOGGED BY : WDE +
TOTAL DEPTH/LENGTH 76.20 NORTHING(+ IF S) 3600.00 VERTICAL ANGLE -50.00 DATE DY/MON/YR 09/JUN/80
CORE/HOLE DIAMETER B EASTING (- IF W) 10.00 CO-ORD SYSTEM GRD PROJECT NUMBER WJV

K E Y	F L A G	INTERVAL (MT.2) F.ROM : T..O	I.N.T	CORE RECOV -MISS +PC.I	MF X OI M ROCK IR X TYPE	TYPI-MINS TM TM 1 2	TEX-QAL TURES MIN MAJOR TX TX	GRAIN -+ M FC CA X	FRACS DEN M I	STRUCTURES S ID T K AZM	T D B O I D P P. 1 / // -	ALT/N ASSEM.+ MINERALIZATION. A I O I LN RN TT ET ZONE
					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.Q.D.	U- EN R NIT PV OV	COLOR	MIN MINOR ON H/ RD PC		TOO M ID L AZM PDW 2 G		O L D T G 2	1 2
/	0.00	4.57	4.57		OVER							
/	4.57	5.21	.64		BROS HE PY 8T4 BR RP		06 16	13			P1 83 P3	P5 D= MC 25
L				HB4	INCB		24 CO	22			P* V- P=	HE D(WD
R	4.57	5.21			WD=WAD MAY BE MANGANESE OR COPPER, OCCURS ON OPEN FRACTURES WITH							
R	4.57	5.21			MALACHITE. CARBONATE OCCURS IN LATE VEINS AND REPLACING							
R	4.57	5.21			PELITE FRAGMENTS.							
/	5.21	8.56	3.35		BRCB CB CP 8T7 BR RP		06 47	35			F* 88 P6	D* D(MC 84
L				HB4	3GCL		24 CO	21			B- 6= V= P2	HE D= LI WD
R	5.21	10.85			HE PSEUDOMORPHOUS AFTER MG. CP USUALLY WITH HE POSSIBLY REPLACES							
R	5.21	10.85			HE. EXTENSIVE CARBONATIZATION AND CHLORITIZATION. CHLORITE ONLY							
R	5.21	10.85			IN MATRIX.							
/	8.56	9.63	1.07	X	BRCB CB CP 7T5 BR RP		06 46	35			F2 87 P5	D* D(MC 74
L					2GCL		63 CO	21			B- 6= V(P2	HE D= LI WD
R	8.56	9.63			MOST RADIOACTIVE SECTION CONTAINS ABUNDANT(>10%) CP AND HE, PLUS							
R	8.56	9.63			A SILVERY MINERAL POSSIBLY ARSENOPYRITE. BR FRAGMENTS ALSO FINER							
/	9.63	10.85	1.22		BRCB CB CP 8T7 BR RP		06 47	35			F* 88 P6	D* D(MC 84
L				HB4	3GCL		24 CO	21			B- 6= V= P2	HE D= LI WD
/ VEN	10.85	15.79	4.94		BRBA BA CB 7T2 BR RP		36 17	13			P(F* P1 P1	X* <- MC 84
L				HB4	8R		54 FO	21			P8 P(	HE 8) WD

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DRILLHOLE/TRAVERSE --- 80CH006 --- (CONTINUED)

K	FLG	F.R.O.M	T..O	I.N.T	RECOV	MF	%	ROCK	TM	TM	QM1	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
R		10.85	15.79						MAY BE BARITICVEIN. FRAGMENTS VERY FAINT. CP CONTENT ERRATIC.																												
R		10.85	15.79						PINK HUE CAUSED BY PERVASIVE HEMATITE STAIN. BOTTOM CONTACT																												
R		10.85	15.79						GRADATIONAL. TRANSITION ZONE FROM 15M TO 16M CONTAINS A NUMBER																												
R		10.85	15.79						OF SMALL FAULTS INCLINED AT 80 . BARITIC ROCKS GENERALLY																												
R		10.85	15.79						RADIOACTIVE. BEST RADIOACTIVITY WITH CP.																												
/		15.79	21.34	5.55				BROS	HE	PY	8T3	BR	FL	05	16	23		FL			70			P1	P4	P3		P5	8=				25		
L						HB4			1GCL					76	FO	21		VN			30			V)	V=			HE	V(						
R		15.79	21.34						SHARP DROP IN RADIOACTIVITY. GRADATIONAL LOWER CONTACT. PYRITE																												
R		15.79	21.34						APPARENTLY PSEUDOMORPHOUS AFTER MG. CHLORITE CONTENT INCREASES																												
R		15.79	21.34						WITH DEPTH AND IS INVERSELY PROPORTIONAL TO HE.																												
/		21.34	24.35	3.01				BRCL	CL	HE	8T3	BR		06	26	23								P(	P5	P3	P3		P1	P1				24		
L						HB3			1GPY					55	CO	21									V-	V+	P(		HE							
R		21.34	25.76						CHLORITIZATION MOST INTENSE ADJACENT TO STEEP DIPPING CB VEINS.																												
/		24.35	24.75	.40			X	BRPC			8A6	BR		16	67	13								P3	81	P3	P3		D=	D+				86		
L						HB2			3G		7T3			33	LC	21										V+		P2	HE						
R		24.35	24.75						BEDDING STILL VISIBLE IN PELITE FRAGMENTS.																												
/		24.75	25.76	1.01				BRCL	CL	HE	8T3	BR		06	26	23								P(	P5	P3	P3		P1	P1				24		
/		25.76	27.86	2.10				BRPQ	SD		5A8	BR	GN	16	67	13		GN			70			P5	F+	61	P+		SD	5+				46		
L						HB2			5A		6G1			43	FC	21									V-	V1		P3	HE						
R		25.76	40.29						RELATIVE ABUNDANCE OF SIDERITE DISTINGUISHES THIS INTERVAL FROM																												
R		25.76	40.29						THE FOLLOW INTERVAL WHERE DOLOMITE DOMINANT CB.																												
/	VEN	27.86	28.10	.24			X	BRBA	BA		7A3	BR		16	26	1		CN		B	60			P1		P1	P=		SD				84		
L						HB4			BR					33	LO	1									P6		P1	P1								
R		27.86	28.10						NARROW BARITE VEIN?																												
/		28.10	40.29	12.19				BRPQ	SD		5A8	BR	GN	16	67	13		GN			70			P5	F+	61	P+		SD	5+				46		
L						HB2			5A		6G1			43	FC	21									V-	V1		P3	HE						
/		40.29	65.99	25.70				BRPQ			5A7	BR	FL	06	68	24		FL			45			P6	P+	51			P+			LI	35		
L						HB2			6A		5G2			23	FC	31										<=	P=	P3	HE						
R		40.29	65.99						BEDDING IS VISIBLE IN MANY FRAGMENTS. DOLOMITE IS THE DOMINENT																												

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DRILLHOLE/TRAVERSE --- 80CH006 --- (CONTINUED)

K	FLG	F.R.O.M	: T..O	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.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		40.29	65.99						CARBONATE HOWEVER MINOR CA AND SD ARE ALSO PRESENT. THE GREEN																									
R		40.29	65.99						FRAGMENTS APPARENTLY CONTAIN CL AFTER? HE. A FEW FRAGMENTS ARE																									
R		40.29	65.99						STILL RED. SPECULAR HEMATITE IS VERY FINE GRAINED AND OCCURS IN																									
R		40.29	65.99						THE MATRIX, RIMMING FRAGMENTS AND REPLACING MAFICS IN FRAGMENTS.																									
/		65.99	69.31	3.32			BRQP	CB		5G4	BR		05	57	3							P5	P(	P2	P1		P=			35			
L						HB2		4A		7A4			22	FO	22								V-	<)	P=	P2		HE						
R		65.99	66.00						A KMM FAULT CONTAINING CB AND CL IS INCLINED AT 75																									
R		65.99	69.31						DIFFERS FROM THE PREVIOUS INTERVAL IN THAT PELITE FRAGMENTS ARE																									
R		65.99	69.31						LESS ABUNDANT AND QUARTZITE FRAGMENTS HAVE A HIGHER CB CONTENT.																									
R		65.99	69.31						IN PLACES 2 GENERATIONS OF BRECCIATION ARE EVIDENT CB AND CL ARE																									
R		65.99	69.31						MOST ABUNDANT HERE. GRADATIONAL LOWER CONTACT.																									
/		69.31	76.20	6.89			BRQP				BR	FL	06	37	12		FL		60		P5	P(	P1	P=		P1	X-		55			
L						HB2		3A					24	FC	11		VN		30				V+	P=	P2		HE	V.					
R		69.31	76.20						MANY FRAGMENTS EXHIBIT BANDS OF FINE GRAINED HEMATITE. MOTTLED.																									
R		69.31	76.20						WEAKLY BLEACHED PATCHES ARE COMMON. THE MASSIVE HEMATITE BLEBS																									
R		69.31	76.20						ARE OFTEN SURROUNDED BY BLEACHED REACTION RIMS AND PYRITE																									
R		69.31	76.20						CRYSTALS BY REDDISH HALOS. BLEACHING SOMETIMES MAKES FRAGMENTS																									
R		69.31	76.20						HARD TO SEE. FOLIATION SOMEWHAT VARIABLE. MATRIX PROBABLY VERY																									
R		69.31	76.20						FINE GRAINED PELITE FRAGMENTS.																									

						PPM U	PPM CU	PPM CO	PPM AG	PPB AU	PPM MO	CPS
A MIN	0.00	0.00	0.00			CHEMEX	CHEMEX	CHEMEX	CHEMEX	CHEMEX	CHEMEX	SCNTRX
A LAB	0.00	0.00	0.00			1H-COR	1H-COR	1H-COR	1H-COR	1H-COR	1H-COR	IN BAG
A TYP	0.00	0.00	0.00									
A GGG	4.57	5.21	.64	100.0	J17201	14.0	3000	350	.8	21	33	90
R H	4.57	5.21					53536					
A GAG	5.21	6.74	1.53	100.0	J17202	58.0	7200	54	.8	21	33	110
R H	5.21	6.74					53536	68441				
A GAG	6.74	8.56	1.82	100.0	J17203	122.0	22400	52	.8	21	33	110
R H	6.74	8.56					53536	68441				

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DRILLHOLE/TRAVERSE --- 80CH006 --- (CONTINUED)

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 GAG	8.56	9.17	.61	100.0	J17204	224.0	19600	100	.8	21	33		120
R H	8.56	9.17					53536	68441					
A GAG	9.17	10.85	1.68	100.0	J17205	49.0	3100	62	.8	21	33		90
R H	9.17	10.85					53536	68441					
A GGG	10.85	12.37	1.52	100.0	J17206	15.0	530	16	.2	3	39		90
R H	10.85	12.37					53536						
A GAG	12.37	13.81	1.44	100.0	J17207	56.0	900	12	.2	3	39		90
R H	12.37	13.81					53536	68441					
A GGG	13.81	15.79	1.98	100.0	J17208	170.0	2550	16	.2	3	39		150
R H	13.81	15.79					53536						
A GGG	15.79	17.31	1.52	100.0	J17209	145.0	4600	220	.2	3	39		130
R H	15.79	17.31					53536						
R H	15.79	17.31					53536						
A GGG	17.31	18.84	1.53	100.0	J17210	71.0	710	360	.2	3	39		110
R H	17.31	18.84					53536						

/ END

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