

G E O L O G E D I T L I S T I N G

SYSTEMS ENGINEERING BY
INTERNATIONAL GEOSYSTEMS CORP.ABERFORD RESOURCES LTD.
JASON PB-ZN-AG-BASITE DEPOSIT, Y.T.

FORMAT VERSION : 6R02

DRILLHOLE/TRAVERSE : 82-DH086
TOTAL DEPTH/LENGTH : 848.25
CORE/HOLE DIAMETER : H080COLLAR ELEVATION: 1254.38
NORTHING(- IF S): 7002549.76
EASTING (- IF W): 436737.90AZIMUTH(DEG) : 184.20
VERTICAL ANGLE : -67.98
COORD SYSTEM : UTMGEOLOGGED BY : JRD + PCH
DATE (YY/MM/DD): 820910
PROJECT NUMBER : J-53

SEQ. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH (DEG)	VERT. ANGLE (DEG)
R SVY	0.00 848.25	PLOTTING FILE.		
R SVY	0.00 848.25	THIS FILE CONTAINS THE FOLLOWING SURVEY DATA:		
R SVY	0.00 848.25	1) GYROSCOPIC DATA FROM 0.00M. TO 746.76M.		
R SVY	0.00 848.25	2) MULTISHOT DATA FROM 746.76M. TO 847.34M.		
1	001	30.48	185.40	-68.55
2	002	60.96	185.50	-67.88
3	002	91.44	186.60	-67.05
4	003	121.92	185.80	-65.10
5	004	152.40	186.80	-63.60
6	005	182.88	187.00	-61.53
7	006	213.36	188.90	-61.05
8	007	243.84	190.40	-58.95
9	008	274.32	188.90	-57.42
10	009	304.80	186.60	-56.22
11	111	320.04	187.30	-55.38
12	801	331.01	189.89	-54.50
13	010	335.80	188.50	-53.57
14	011	365.76	190.30	-52.77
15	012	396.24	189.00	-53.13
16	013	426.72	189.20	-51.58
17	014	457.20	189.20	-49.63
18	015	487.68	189.50	-46.97
19	016	518.16	189.70	-45.45
20	017	548.64	190.60	-43.38
21	018	579.12	191.40	-42.45
22	019	609.60	192.10	-41.22
23	020	640.08	190.90	-40.17
24	021	670.51	190.20	-39.47
25	022	701.04	189.50	-38.77
26	023	731.52	188.90	-37.13
27	024	746.76	189.00	-36.12
28	525	762.00	184.50	-35.50
29	526	774.19	184.50	-34.00
30	527	786.38	183.00	-34.00
31	528	798.58	184.00	-33.00
32	529	810.77	179.00	-33.00
33	530	822.96	179.00	-32.00
34	531	835.15	183.00	-30.00
35	532	847.34	180.00	-29.00
36	801	848.25	180.00	-29.00

F - I N T E R V A L -				CORE	T- X	TYPI- QAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY										
X L	(UNITS = MT.2 DEC. PLACE)	RECOV-	M M ROCK	FYING MIN	TURES	CHARACS	ARG	/RI T	ID	STK	DIP	H H H H H	ANY H H H	ALT ORE										
E A	(MT=METRIC FT=FOOTRIC)	ERY	O I	TM TM MAT	TX TX F C	% M	ARG	1	AZM	RT	OZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2
Y G	FROM - TO -	INT (%)	P X TYPE	1 2 QM1	1 2 F F C A																			
X F			ROCK	FM	RT	TM QM2	TX TX S C	O U	CH1															
E L			QUAL	AGE	EN- Q	LC- 3	3 4 O	/		2	AZM	RT	H	H	H	H	H	H	H	H	H	1	1	
Y G			DESIG		VIR	COL	R	C														2	2	

/	0.00	10.36	10.36		OVER				P														
L																							
/ WET	10.36	14.74	4.38		CGSN		TS FU J M 4 Q	NQ2	P		D												
L						7A	SN2 //	4	C	LD6		RD											
R	10.36	14.74			TURBIDITE GRADING FROM	CGSR	TO PLANAR	LAMINATED	ARSN	(A-B-D).													
/	13.29	14.74	1.45		X ARSN		SN6 LM		R														
L						4A		7		0													
/ WET	14.74	20.12	5.38		CGSN		SN4 TS FU J L 2 N	LM2	P		D												
L						4U	//	5	O	KM5		BD											
R	14.74	20.12			TURBIDITE SEQUENCE	A-B-D.																	
/	17.78	20.12	2.34		X ARSN		SN6 LM	0 3 6 3	R														
L						4A		7		1													
/ WET	20.12	22.36	2.24		CGSN		SN4 TS FU J K 2 M	JM2	P		D												
L						4U		7	O	JK5		1											
R	20.12	22.36			TURBIDITE SEQUENCE.	GRADING FROM	CGSN	TO LAMINATED	ARGILLITE														
R	20.12	22.36			(A-B-D).																		
/ WET	22.36	25.83	3.47		CGSN		SN3 TS FU J L 4 P	OP4	P		D												
L						4U		6	O	JL4													
R	22.36	25.83			TURBIDITE A-B.																		
/	25.83	27.80	1.97		BRHM		SN3		NN7	P													
L						5A			JK+														
/	27.80	49.94	22.14		CGSR		SN= FU	K M 2 Q	NQ3	P		D											
L						7A	*S+	6	C	LP6		RD											
R	27.80	49.94			FINES UPWARD INTO	COARSE	PEBBLY	SAND.															
/	43.98	45.82	1.84		X SAND		//	1 J 2 M	R														
L						5U		6															
/	49.94	55.46	5.52		ARSI		CR SN1 XB LM 0 3 1 3		P		D												
L						2A	//																
R	49.94	55.46			THESE LAST 3 UNITS ARE PART OF A THICK	A-B-D-E	TURBIDITE																
R	49.94	55.46			SEQUENCE.																		
/	55.46	88.20	32.74		BRHM		*S+		LR9	P													
L						4A			C	KN+													
R	55.46	88.20			INCREASING CHERT CONTENT AT BASE.																		
/ FRG	71.82	74.57	2.75		X ARGL				R														
L						6A																	

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FLT	75.80	77.42	1.62	X BRHM	*S+	LR9	R
/				2A	GG7	C KN+	
/	88.20	183.89	95.69	BRHT	*S(M:	NV5	P
L				6A	1	C LD4	R*
R	88.20	183.89		BRPM AT TOP OF UNIT GRADING TO BRHT.			
/	96.32	100.40	4.08	X CGCP	SN2	H K 6 Q NO1	R
L				7A	6	Q KO9	
/	123.58	126.49	2.91	X CGCP		J L 8 Q MN1	R
L				6A	7	C LO9	R*
/	159.35	165.89	6.54	X ARSI	SN1	0 3 1 3	R
L				4A			
R	159.35	165.89		CGCP FRAGMENTS DESCRIBED ABOVE ARE POSSIBLY INTERBEDS.			
/	183.89	186.80	2.91	CGRR	TS FU J L 7 P MP2	P	
L				6A	7	C KM5	
R	183.89	186.80		FINES UPWARD INTO LAMINATED ARSI.			
/	185.25	186.80	1.55	X ARSI	SN2 IM SS 0 3 2 3	R	
L				4A	//		2
/	186.80	189.38	2.58	CGSN	SN3 TS FU I L 7 O NO=	P	
L				7A	7	C KM8	3 BD
/	189.38	191.00	1.62	BRHT		NQ8	P
L				4A		C LN2	
/	191.00	194.67	3.67	CGPS	SN5 FU BD I K 3 O NP2	P	
L				7A		C IM8	2 BD
/	194.67	207.33	12.66	CGCP	*S* FU J L 7 T MT4	P	
L				7A		C LN6	
/	199.00	201.00	2.00	X ARGL	SI) LM 0 2) 2	R	
L							
/	203.36	205.66	2.30	X ARGL	SI) LM 0 2) 2	R	
L				1A	SC		
R	203.36	205.66		ARGL UNITS ARE INTERBEDDED WITH THE CGCP.			
/	207.33	211.72	4.39	BRHM	SN= BR	NQ9	P
L				3A		C IL=	
R	207.33	211.72		GRADATIONAL CONTACT WITH LOWER UNIT.			
/	211.72	213.58	1.86	BRHT	SN4 RU	QQ6	P
L				6A		O IJ4	
R	211.72	213.58		GRADATIONAL CONTACT WITH LOWER UNIT.			

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	Elevation	Interval	Description	Unit	Thickness	Remarks	Notes	Other	
/ L	389.23	410.5A	21.35	ARSN	SA	SC SS	P 1 BD	B50 D*	
/ L	403.00	403.95	0.95	X SAND	7A	I I X I	R 1	D(
/ L	410.58	456.69	46.11	ARGL	4A	SI= SC SS 0 2 = 2	P 1 BD	B65 D)	
R	410.58	456.69		LOCAL BRHM DEVELOPED WITHIN UNIT.					C) N-
/ L	456.69	475.19	18.50	BRHM	4A	NR9 C KM=	P	R(
/ L	475.19	497.97	22.78	BRHM	4A	*C* R* *S+ PS9 C KN)	P	R)	
R	475.19	497.97		CONSISTS OF LARGE BLOCKS OF ARSI. DIFFERS FROM PREVIOUS UNIT BECAUSE OF APPEARANCE OF CONGLOMERATE PEBBLES.					#) V(
K UDF	497.97	497.97	0.00						
/ L	497.97	501.10	3.13	BRHT	5A	*C) R* *S+ MQ6 C LO3	P	R*	
R	497.97	501.10		SPHALERITE OCCURS INTERSTITIALLY IN CHERT RICH SECTION AND ALSO AS SI REPLACEMENT IN CHERT.					R)
/ L	501.10	502.37	1.27	ARSI	5A	SN7 LM LR 0 4 7 4	P 2 BD	T50 V+ D*	
R	501.10	502.37		TWO DISTINCT SAND BEDS SEPARATED BY 30CM OF ARGILLITE.					
/ L	502.37	504.28	1.91	ARGL	4A	DB LM	P	D(
R	502.37	504.28		POSSIBLY RELATED TO UNDERLYING TURBIDITE CYCLES.					
/ L	504.28	505.01	0.73	CGPS	6A	SN4 FU TS H K 4 N KN2 LM RU 5 O HL8	P 3 BD	U70 D(
R	504.28	505.01		CONSISTS OF THREE CRUDE A-B TURBIDITE CYCLES.					
/ L	505.01	508.20	3.19	CGPS	6A	SN3 FU TS H K 5 O LO2 LM RU 5 O HN6	P 3 BD	U70 D(
R	505.01	508.20		CONTAINS TWO A-B-E TURBIDITE CYCLES.					
/ L	508.20	513.52	5.32	CGPS	6A	SN4 FU TS H K 4 N LN2 LM RU 5 O HM8	P 3 BD	U70 D(
R	508.20	513.52		CONTAINS FIVE A-B-D TURBIDITE CYCLES.					
/ L	513.52	516.64	3.12	CGPS	6A	SN3 FU TS H K 5 O LO3 LM RU 5 O HN7	P 3 PD	U70 D(
R	513.52	516.64		CRUDE TURBIDITE CYCLE A-B-D-E.					
/ L	516.64	521.00	4.36	CGPS	6A	SN3 FU TS H K 4 O MO3 LM RU 5 O HN7	P 3 BD	U70 D(

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	521.00	573.25	52.25	BRHT	*S1 SS	PS8	P	V(D*
/	521.00	573.25		4A	GG(SC	=	C KN2		
R	521.00	573.25		CONSISTS MOSTLY OF LARGE BLOCKS > 1 METRE OF ARSI, SLIGHTLY DEFORMED, MIXED WITH OCCASIONAL SAND AND CONGLOMERATE FRAGMENTS.					
/	528.00	530.89	2.89	X CGSN	SN4 TS	I J 4 K	R		
L				5A		7	0		
R	528.00	530.89		CONTAINS TWO A-B-C-E TURBIDITE CYCLES.					
/	544.66	545.38	0.72	X CGCP	MX	K M 4 N LN3	R		D(
L				7A		6	C KM4		D*
R	544.66	545.38		DISSEMINATED SPHALERITE IN THE MATRIX AND AS REPLACEMENT IN					
R	544.66	545.38		CHERT CLASTS.					
K LDF	573.25	573.25	0.00						
/	573.25	613.65	40.40	ARSI	SN1 SC SS 0 3 1 3	P	1 BD	B60	R1
L				3U	LM //				
R	573.25	613.65		BROKEN CORE AT TOP OF UNIT AND BOTTOM OF PREVIOUS UNIT SUGGESTS					
R	573.25	613.65		A POSSIBLE FAULT.					
/	607.45	607.92	0.47	X HRPM	SN*	KM3	R		R-
L				3A		0 JM2			
R	607.45	607.92		THIS UNIT APPEARS CONFORMABLE WITHIN THE ARSI.					
/	613.65	642.96	29.31	BRHT	*S1 R*	NS7	P	<-	R)
L				3A	*C+	= C KN2		C-	
R	613.65	642.96		CONTAINS 5 % SILICIFIED ARGILLITE FRAGMENTS.					
/	634.57	635.14	0.57	X SAND SF	SN6 MX	H I 2 0 KN+	R		D-
L				6A		4 0 IN3			
/	635.22	635.93	0.71	X SAND	SN9 FU G;	I J 4 K JK1	R	RD	U50
L				6A		8 IK9			D*
R	635.22	635.93		THESE TWO SAND FRAGMENTS ARE POSSIBLY IN SITU BEDS.					
/	640.26	641.00	0.74	X CGCP		J L 3 N MN1	R		
L				6A		7 JN9			
/	642.96	667.61	24.65	BRHM	*S+ R*	NR9	P	V*	R*
L				4A	*C+	C IN1			C(
/	667.61	695.82	28.21	BRHM GR	SN3 R*	LR7	P	V*	C- R+
L				2A	*C1	0 HM2			C(
R	667.61	695.82		MIXTURE OF BACK ARGILLITE CLASTS AND PALE GREY ALTERED ARGILLITE					
R	667.61	695.82		WITHIN A FINE CHERTY MATRIX.					
/	671.17	683.06	11.89	X BRHM BA CR	GG5 R*	LR7	R	V*	G1 R+
L				GR	*C1	0 HM2			C(
/	695.82	719.63	23.81	BRHM	*S= B* R*	MS8	P		R+ R*
L				4A	S** H*	* C KN1			E)

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