

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

SYSTEMS ENGINEERING BY
INTERNATIONAL GEOSYSTEMS CORP.AHERFORD RESOURCES LTD.
JASON PR-ZN-AG-HA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : #2AWH086
TOTAL DEPTH/LENGTH : 776.33
CORE/HOLE DIAMETER : NOCOLLAR ELEVATION: 1254.38
NORTHING(- IF S): 7002549.76
EASTING (- IF W): 436737.90AZIMUTH(DEG) : 184.20
VERTICAL ANGLE : -67.98
CO-ORD SYSTEM : UTMGEOLOGGED BY : JRD +
DATE (YY/MM/DD): 821031
PROJECT NUMBER : J-S

SEN. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH (DEG)	VERT. ANGLE (DEG)
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R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
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R SVY	0.00	776.33
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R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33
R SVY	0.00	776.33

PLOTING FILE.

THIS FILE CONTAINS THE FOLLOWING DATA:

- 1) GYROSCOPIC DATA FROM 0.00M. TO 710.18M.
- 2) MULTISHOT DATA FROM 710.18M. TO 776.33M.

ALTHOUGH THIS BRANCH HOLE WAS GYROSCOPICALLY SURVEYED FROM NEAR ITS BOTTOM TO THE COLLAR OF THE PILOT HOLE (DDH 82-86), MINOR DISCREPANCIES EXIST BETWEEN THIS SURVEY, AND THE UPPER PART OF THE GYROSCOPIC SURVEY OF THE PILOT HOLE. TO AVOID PROBLEMS IN PLOTTING THE BRANCH HOLE, THE RESULTS OBTAINED FOR DDH 82-86 (FLAGGED 001 TO 009) ARE USED TO THE BRANCH POINT. GYROSCOPIC SURVEY POINTS FROM THE BRANCH HOLE ARE FLAGGED FROM 111 TO 128.

NOTE ALSO THAT THE MULTISHOT DATA HAS BEEN ALTERED TO AGREE WITH THE GYROSCOPIC RESULTS. TEN DEGREES HAS BEEN ADDED TO THE AZIMUTH READINGS OF EACH MULTISHOT POINT USED IN THIS FILE.

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
BRANCH POINT FOR DDH 82-86A.				
13	112	335.28	190.00	-53.15
14	113	350.52	191.50	-52.10
15	114	365.76	190.80	-50.75
16	115	381.00	191.00	-50.17
17	116	396.24	191.40	-48.75
18	117	411.48	192.60	-46.17
19	118	426.72	193.50	-42.27
20	119	457.20	194.60	-39.07
21	120	487.68	194.70	-35.18
22	121	518.16	193.30	-31.45
23	122	548.64	193.50	-30.73
24	123	579.12	193.70	-30.37

R SVY 331.01 331.01

	25	124	609.60	193.00	-28.77	
	26	125	640.08	192.30	-27.60	
	27	126	670.56	192.10	-27.48	
	28	127	701.04	192.00	-27.52	
	29	128	710.18	192.10	-27.52	
R SVY	723.90	723.90	BEGIN ALTERED MULTISHOT DATA.			
	30	835	723.90	192.00	-27.00	
	31	836	736.09	192.00	-27.00	
	32	837	748.28	192.00	-27.00	
	33	838	760.48	192.00	-27.00	
	34	839	772.67	192.00	-27.00	
	35	899	776.33	192.00	-26.00	
R SVY	776.33	776.33	TOTAL DEPTH.			
R SVY	0.00	710.18	STORAGE FILE: GYROSCOPIC DATA			
R SVY	0.00	710.18	BELOW IS A COMPLETE LISTING OF THE GYROSCOPIC SURVEY OF			
R SVY	0.00	710.18	DDH 82-86A.			
	36	001	30.48	186.70	-68.78	(NOT USED)
	37	002	60.96	186.20	-68.17	(NOT USED)
	38	003	91.44	187.10	-67.42	(NOT USED)
	39	004	121.92	187.10	-65.72	(NOT USED)
	40	005	152.40	187.00	-63.85	(NOT USED)
	41	006	182.88	187.40	-61.52	(NOT USED)
	42	007	213.36	188.30	-61.38	(NOT USED)
	43	008	243.84	189.50	-59.12	(NOT USED)
	44	009	274.32	188.40	-57.80	(NOT USED)
	45	010	304.80	186.60	-56.75	(NOT USED)
	46	011	320.04	187.30	-55.38	(NOT USED)
R SVY	0.00	775.11	STORAGE FILE: SINGLESLOT.			
R SVY	0.00	775.11	THIS FILE CONTAINS THE FOLLOWING DATA:			
R SVY	0.00	775.11	1) SINGLESLOT FROM PILOT HOLE 0.00M. TO 331.01M.			
R SVY	0.00	775.11	(FLAGGED 201 TO 237).			
R SVY	0.00	775.11	2) SINGLESLOT FROM BRANCH HOLE 331.01M. TO 775.11M.			
R SVY	0.00	775.11	(FLAGGED 301 TO 319).			
	47	201	13.10	180.00	-68.50	(NOT USED)
	48	202	24.38	182.00	-68.00	(NOT USED)
	49	203	38.71	179.00	-69.00	(NOT USED)
	50	204	41.75	185.00	-68.50	(NOT USED)
	51	205	56.69	182.00	-68.00	(NOT USED)
	52	206	71.63	185.00	-68.00	(NOT USED)
	53	207	86.56	184.00	-68.00	(NOT USED)
	54	208	103.33	185.00	-67.00	(NOT USED)
	55	209	119.79	184.00	-66.50	(NOT USED)
	56	210	134.72	182.00	-65.00	(NOT USED)
	57	211	149.96	182.00	-64.00	(NOT USED)
	58	212	160.93	183.50	-62.75	(NOT USED)
	59	213	168.55	183.50	-62.75	(NOT USED)
	60	214	183.49	182.50	-61.00	(NOT USED)
	61	215	185.62	181.00	-61.00	(NOT USED)
	62	216	198.73	185.00	-61.00	(NOT USED)
	63	217	200.56	184.00	-61.00	(NOT USED)
	64	218	217.85	182.50	-61.00	(NOT USED)
	65	219	218.85	181.00	-61.00	(NOT USED)
	66	220	219.15	181.50	-61.00	(NOT USED)
	67	221	238.65	192.00	-59.50	(NOT USED)
	68	222	247.80	182.00	-59.25	(NOT USED)
	69	223	263.96	184.00	-58.00	(NOT USED)
	70	224	270.66	184.00	-58.00	(NOT USED)

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ABERFORD RESOURCES LTD.
JASON PB-ZN-AG-BE STF DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- 82AWH086 --- (CONTINUED)

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K F F R O M - I D - I N T R E C O V		M D % R O C K T M T M Q M 1 T X T X F C % M A R G		R I 1 I D A Z M D I P Q Z F L C Y C A B A X X P Y C P G L Y Y		A 1 A 2	
E - L -		K Q D A G E E V R O L C T M Q M 2 T X T X S C O O C H T		2 I D A Z M D I P M G M U C L S D Q S H A P R M T S L H A			
Y G							
R	335.28 369.00	LOCAL SEDIMENTARY AND TECTONIC DISRUPTION OF BEDDING.					
/	359.36 363.20 3.84	X ARGL	ST1 BR // 0 2 = 3	R 0 00	T00 #1	V(D*
L		4A	SN+ BR	0	800	C=	
R	359.36 363.20	BRECCIATED ARGILLITE INVADED BY A QUARTZ STOCKWORK CONTAINING.					
R	359.36 363.20	SMALL (0.5 CM) SHARDS OF ARGILLITE.					
/	SHR 369.00 362.00 13.00	BRHT	GG1	NT8	P		R(
L			*S+	C KN2		C*	
R	369.00 382.00	HIGHLY BROKEN CORE. THIS UNIT CONTAINS A LARGE INTERVAL OF					
R	369.00 382.00	DISRUPTED CHERT. FREE ARGILLITE WHICH IS POSSIBLY FRAGMENTS					
R	369.00 382.00	WITHIN THE SLUMP UNIT.					
/	382.00 388.10 6.10	BRHM	GG1	OR9	P		D(
L		4A		C		C*	
R	382.00 388.10	RUBBLY CORE OF DISRUPTED AND BRECCIATED ARSI.					
/	388.10 400.90 12.80	BRHT		NS8	P		R(
L		5A		C KN2		C(
R	388.10 400.90	RUBBLY CORE.					
/	400.90 410.20 9.30	ARSI	SI2 LM // 0 3 1 3	P 1 RD	T50 V)		D(
L		4A	LR	2	B25	C) <=	
/	401.12 401.60 0.48	X SAND	SN9 LM ST 3 4 3 4	R 1 RD	50 V+		D*
L		5A	// 7				
R	401.12 401.60	CORRELATES WITH SAND BED AT 403 METRES IN 82AWH086.					
/	410.20 449.00 38.80	ARGL CB	*S= SS BR 0 2 = 2 PS9	P	V)	V*	R*
L		4A	C			<(V*	B+
R	410.20 449.00	BRECCIATION LOCALLY INTENSE, BUT GENERALLY MILD. SPHALERITE AS					
R	410.20 449.00	BLEBS IN QUARTZ-SIDERITE-CALCITE VEINS. CLASTS ARE ARSI.					
/	FLT 418.90 420.60 1.70	X BRHM CB	*S= BR BR 0 2 = 2 PS9	R	#1	V*	R*
L		4A	GG1	C		C= <(V*	B(
/	449.00 488.55 39.55	BRHM	*S+	NT9	P	<(R*
L		4A		(C KL+		C)	R)
K	UDF 488.55 488.55 0.00						
/	488.55 496.50 7.95	CGCP	SN2 CU	J 6 3 P NP4	P	V)	R*
L		7A	6	C			
R	488.55 496.50	INTERVAL IS MUDDY TO SANDY AT BOTTOM.					
/	496.50 500.07 3.57	CGSN	SN2 FU TS 4 5 4 0	P	V*		R(
L		5A	7 0				R(
R	496.50 500.07	TURRIDITE SEQUENCE: A-B-E.					
/	500.07 502.47 2.40	SAND	SN6 FU TS 4 5 3 N	P	<(R(
L		6A	6				R(

K E Y	F R O M - T O -		I N T R E C O V		M D X R O C K		T M		Q M 1		T X		F C		X M		A R G		R I		1 I D		A Z M		D I P		Q Z		F L		C Y		C A		B A		X X		P Y		C P		G L		Y Y		A 1		A 2	
	G		K O D		A G E		E V		R Q		L C		T M		Q M 2		T X		S C		O O		C H T		2 I D		A Z M		D I P		M G		M U		C L		S D		Q S		H A		P R		M T		S L		H A	
R	500.07	502.47	TURBIDITE CYCLE: 2 CYCLES A-B-E.																																															
/	502.47	504.60	82.33	BRHM		3A		OV9		P																																								
L								C JN+																																										
/	502.47	502.72	0.25	X BRHM		ST		OV9		R																																								
L						3A		C JN+																																										
R	502.47	502.72	BLEACHED, SF, ST CLAST AT TOP OF INTERVAL.																																															
/	507.67	507.90	0.23	X BRPM		CB		FU		KN=		R		U		P=		R*																																
L						5A				O JN2																																								
/	517.50	520.50	3.00	X ARSI		SN1 // LM 0 3 1 3		R		1		40						R(
L						4A		SI= BD 8		2						C*																																		
R	517.50	520.50	PROBABLE CLAST, BUT MAY BE AN INTERBED.																																															
/	549.25	563.90	14.65	X ARSI		SN1 // LM		R		1		30																																						
L						4A		SI= BD		2						C*																																		
R	549.25	563.90	THIS INTERVAL IS ALSO MOST LIKELY A CLAST.																																															
/	584.80	623.62	38.82	BRHM		CB		*S=		NT9		P		V)		V)		R*																																
L						3A GR		GG=		+ C JN=						C* <(
R	584.80	623.62	INTERVALS OF PEBBLY SAND ARE PROBABLY FRAGMENTS. CORE RUBBLY																																															
R	584.80	623.62	TOWARDS BASE.																																															
/	FRG	586.43	588.87	2.44	X CGPS		SN3		4 6 2 P		R		V+				<(
L							6A		*S+		5		O				C*																																	
/		623.62	628.50	4.88	BRHT		SN= R*		NP3		P						R*																																	
L							6A		C KN6								C(
/	SHR	628.50	631.55	3.05	ARGL		CR		SN+		0 3 + 6		P				C.																																	
L							2A		GG=		5																																							
R	628.50	631.55	VERY RUBBLY CORE.																																															
/	SHR	631.55	636.42	4.87	CGSN		SN2		FU MX 4 5 3 N		P		V)				R(
L							5A		B*		6		O				C=																																	
/	FLT	632.60	633.80	1.20	X ARGL		GR		GG1		BD LM		R																																					
L							3A																																											
/		636.42	667.70	31.28	BRHM		PY		GG1				NS9		P		>)		V*		<+																													
L							4A		*S)		*		C KO+				C(
/	FAL	637.95	641.60	3.65	X BRHM		GR		GG9				NS9		R		>)		#(<+																													
L							3A		*S)		*		C KO+				C(
R	656.77	656.97	CONTAINS 90 % PYRITE.																																															
/	SHR	659.00	665.68	6.68	X BRHM		PY		GG1				NS9		R		>)		V*		<+																													
L							4A		*S)		*		C KO+				C(
R	659.00	665.68	HIGHLY BROKEN CORE.																																															

G E O L O G

 ABERFORD RESOURCES LTD.
 JASON PR-ZN-AG-BA STF DEPOSIT, Y.T.
 DRILLHOLE/TRAVERSE --- 82AWH086 --- (CONTINUED)

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F R O M - T O - I N T R E C O V										M D X R O C K T M T M Q M 1 T X T X F C X M A R G										R I 1 I D A Z M D I P Q Z F L C Y C A B A X X P Y C P G L Y Y A 1 A 2											
E - L -	Y G				R Q D	A G E	E V	R Q	L C	T M	Q M 2	T X	T X	S C	O O	C H T		2	I D	A Z M	D I P	M G	M U	C L	S D	O S	H A	P R	M T	S L	H A
/	L	665.68	666.00	0.32						X R R H M	P Y	GG1				NS9	R														
										4A	*S)			*	C	JL+															
/	L	666.00	667.70	1.70						X B R H M	P Y	GG1				NS9	R														
										4A	*S)			*	C	JL+															
K	US1	667.70	667.70	0.00																											
R	US1	667.70	667.70																												
/	L	667.70	669.65	1.95						M S S X	C B	S X				M X	V G														
R		667.70	669.65																												
R		667.70	669.65																												
R		667.70	669.65																												
/	L	669.65	671.55	1.90						S A N D	S F	S D				M O	L M	3 4 = 4													
R		669.65	671.55																												
R		669.65	671.55																												
R		669.65	671.55																												
/	L	670.60	670.70	0.10						X A R G L	S F					B R															
K	LS1	671.55	671.55	0.00																											
/	L	671.55	673.00	1.45						B R H M	S F																				
R		671.55	673.00																												
/	FAL	673.00	701.00	28.00						B R H M	G R																				
R		673.00	701.00																												
R		692.00	701.00																												
/	L	701.00	703.64	2.64						B R H M	G R																				
R		701.00	701.60	0.60						X M S S X																					
/	L	702.50	702.50	0.00						X C B S X																					
K	US2	703.64	703.64	0.00																											
/	L	703.64	707.35	3.71						S F F E																					
R		703.64	707.35																												
R		703.64	707.35																												

THIS INTERVAL CONTAINS TWO ZONES OF BARREN UNSILICIFIED
 ARGILLITE ROCK (705.66 TO 706.22 METRES AND 704.70 TO 705.33)

ANKERFORD RESOURCES LTD.
JASON PR-ZN-AG-BASIF DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- B2AWH086 --- (CONTINUED)

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[illegible]

Interval	Start (m)	End (m)	Width (m)	Mineralogy	Texture	Grade	Notes	Sample	Grade	Notes
703.64 - 707.35	703.64	707.35					METRES). HIGHLY GRAPHITIC AND RUBBLY; MASKING ORIGINAL TEXTURES (MAY BE BRHM).			
707.35 - 708.15	707.35	708.15	0.80	CBSX	MX	P		M6	Q=	B(Q1
708.15 - 709.60	708.15	709.60	1.45	SFFE	FG	P		M5	Q=	B(B* Q2
708.15 - 709.60	708.15	709.60					UPPER PART OF THE INTERVAL FROM 708.15 TO 708.75 METRES IS SIDERITE RICH. LOWER PART OF THE INTERVAL FROM 703.75 TO 709.60 METRES IS PYRRHOTITE RICH.			
709.60 - 713.40	709.60	713.40	3.80	CBSX	MX	P		M7	B.	Q1
709.60 - 713.40	709.60	713.40					INTERVAL FROM 703.60 TO 711.40 METRES IS GALENA RICH. INTERVAL FROM 711.50 TO 713.40 METRES IS RELATIVELY BARREN.			
713.40 - 717.10	713.40	717.10	3.70	SFFE	BN	P	BD 50 V)	P4	V1 Q=	Q1 V.
717.10 - 718.85	717.10	718.85	1.75	CBSX		P		M6	B=	Q1
718.85 - 721.37	718.85	721.37	2.52	SFFE	FG	P		M6	V= Q1	Q1
718.85 - 721.37	718.85	721.37					THE INTERVAL HAS BEEN LOCALLY BRECCIATED AND INFILLED WITH A LATER PHASE OF LIGHT COLOURED FERROAN CARBONATE (IRON POOR), POST DATING THE INITIAL SIDERITIZATION.			
721.37 - 722.74	721.37	722.74	1.37	CBSX	MX FG	P	V)	M4	B) M3	Q=
721.37 - 722.74	721.37	722.74					THIS INTERVAL APPEARS TO REPRESENT A TRANSITION FROM THE UPPER SIDERITE PART OF SOUTH ZONE TWO TO THE LOWER PYRITE/PYRRHOTITE RICH PART OF SOUTH ZONE TWO.			
722.74 - 729.00	722.74	729.00	6.26	SFFE	FG BN ST	P			Q2 Q2	B)
722.74 - 729.00	722.74	729.00					INTERVAL COMPRISES A SILICIFIED ARGILLITE WITH UP TO 40 % IRON SULPHIDES (PO>PY) OCCURRING AS BANDS AND CROSS-CUTTING FEATURES. GALENA IS A MINOR LOCAL CONSTITUENT OCCURRING AS VEINS AND BLEBS.			
729.00 - 733.55	729.00	733.55	4.55	SFFE	FG MX BN	P			Q2	Q2 B(
729.00 - 733.55	729.00	733.55					UPPER HALF OF THIS INTERVAL SHOWS CRUDE BANDING WITH ALTERNATING BANDS OF SULPHIDES (PY/GL) AND SILICIFIED ARGILLITE. LOWER HALF OF THE INTERVAL SHOWS A MORE MASSIVE TEXTURE AND COMPRISES A MOSAIC OF GALENA/PYRITE AND LIGHT COLOURED CARBONATE. RELIC SILICIFIED ARGILLITE FRAGMENTS OCCUR IN THE LOWER HALF. PYRRHOTITE IS ALSO ABSENT IN THIS INTERVAL.			
733.55 - 735.80	733.55	735.80	2.25	SFFE GR	FG ST	P			Q2	Q= V)

ARERFORD RESOURCES LTD.
JASON PB-ZN-AG-BR STF DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- 82AWH086 --- (CONTINUED)

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