

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 PH-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRaverse : A2-DH087
TOTAL DEPTH/LENGTH : 758.34
CORE/HOLE DIAMETER : NOCOLLAR ELEVATION: 1295.03
NORTHING(- IF S): 7002573.15
EASTING (- IF W): 436472.59AZIMUTH(DEG) : 167.00
VERTICAL ANGLE : -76.53
CO-ORD SYSTEM : UTMGEOLOGGED BY : PCH + DWR
DATE (YY/MM/DD): 820905
PROJECT NUMBER : J-S

SEQ. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH (DEG)	VERT. ANGLE (DEG)
R SVY	0.00	758.34		
R SVY	0.00	758.34		
R SVY	0.00	758.34		
R SVY	0.00	758.34		
PLOTING FILE				
THIS FILE CONTAINS THE FOLLOWING DATA:				
1) GYROSCOPIC DATA FROM 0.0 TO 109.73 M.				
2) MULTI-SHOT DATA FROM 115.82 TO 756.82 M.				
1	001	3.05	167.50	-75.92
2	002	6.10	167.20	-76.12
3	003	9.14	167.80	-77.00
4	004	12.19	166.90	-77.03
5	005	15.24	167.50	-77.00
6	006	18.29	168.10	-77.07
7	007	21.34	167.20	-77.00
8	008	24.38	167.20	-76.92
9	009	27.43	166.90	-76.67
10	010	30.48	165.90	-76.70
11	011	33.53	166.40	-76.68
12	012	36.58	169.90	-76.13
13	013	39.62	171.80	-75.75
14	014	42.67	171.80	-75.60
15	015	45.72	172.30	-75.28
16	016	48.77	171.40	-75.33
17	017	51.82	171.40	-75.22
18	018	54.86	171.40	-75.10
19	019	57.91	171.50	-75.12
20	020	60.96	171.10	-74.92
21	021	64.01	170.70	-74.70
22	022	67.06	170.80	-74.72
23	023	70.10	170.40	-75.00
24	024	73.15	171.00	-74.28
25	025	76.20	169.30	-74.28
26	026	79.25	169.40	-74.08
27	027	82.30	169.60	-73.87
28	028	85.34	169.70	-73.67
29	029	88.39	168.90	-74.50
30	030	91.44	168.20	-73.43
31	031	94.49	168.40	-73.28
32	032	97.54	168.10	-73.17
33	033	100.58	167.80	-73.18
34	034	103.63	167.70	-73.08
35	035	106.68	167.50	-73.08
36	036	109.73	167.00	-73.10

37	413	115.82	166.50	-73.00
38	414	128.02	166.00	-72.50
39	415	140.21	168.00	-71.50
40	416	152.40	166.00	-71.25
41	417	164.59	165.00	-70.50
42	418	176.78	165.50	-70.00
43	419	188.98	164.00	-68.50
44	420	201.17	164.00	-68.00
45	421	213.36	164.00	-66.00
46	422	225.55	168.00	-65.75
47	423	237.74	164.00	-64.50
48	424	249.94	164.00	-64.00
49	425	262.13	164.50	-64.00
50	426	274.32	165.00	-64.50
51	427	298.70	165.50	-63.00
52	428	310.90	165.50	-61.00
53	429	323.09	164.00	-61.50
54	430	335.28	165.00	-60.00
55	431	347.47	165.50	-59.00
56	432	359.66	166.00	-58.25
57	433	371.86	165.00	-58.00
58	434	384.05	166.50	-56.50
59	435	396.24	165.50	-55.50
60	436	408.43	166.00	-54.00
61	437	420.62	166.00	-53.50
62	438	432.82	166.00	-52.00
63	439	445.01	166.00	-52.25
64	440	457.02	166.00	-52.00
65	441	469.39	166.50	-52.00
66	442	481.58	166.00	-50.50
67	443	493.78	166.50	-50.00
68	444	505.97	166.00	-49.00
69	445	518.16	165.00	-47.75
70	446	530.35	164.00	-46.25
71	447	542.54	163.00	-46.00
72	448	554.74	164.00	-46.00
73	449	566.93	164.00	-46.00
74	450	579.12	164.00	-45.75
75	451	591.31	164.00	-45.50
76	452	603.50	163.50	-45.25
77	453	615.70	164.00	-45.25
78	454	627.89	164.00	-44.50
79	455	640.08	164.00	-44.00
80	456	652.27	164.00	-44.00
81	457	664.46	165.00	-44.00
82	458	676.66	165.50	-43.00
83	459	725.42	166.00	-38.00
84	460	737.62	164.00	-38.00
85	461	749.81	165.00	-37.25
86	462	756.82	164.00	-36.75
87	801	758.34	164.00	-36.75
STORAGE DATA: SINGLE-SHOW				
88	201	20.42	167.00	-77.00 (NOT USED)
89	202	35.97	163.00	-76.50 (NOT USED)
CLAPPISON WEDGE 57 RIGHT				
90	203	52.73	168.00	-75.00 (NOT USED)
91	204	66.75	172.00	-74.00 (NOT USED)

R SVY 0.00 754.07

R SVY 36.73 36.73

F	- I N T E R V A L -	CORE T- %	TYP1- DAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K	L (UNITS = MT, 2 DEC. PLACE) RECDV-	N M ROCK	FYING MIN	TURES CHARACS	H H H H H ANY H H H ANY ALT ORE	A A A A A MIN A A A MIN	- - - - -	- - - - -	- - - - -
E	A (MT=METRIC FT=FOOTRIC) ERY	O I	TM TM MAT	1X TX F C % M ARG /RI	T ID STK DIP	A A A A A MIN A A A MIN	- - - - -	- - - - -	- - - - -
Y	G F R D N - T U - I N T (%)	D X TYPE	1 2 DM1	1 2 F F C A	1	AZM RT	GZ FL CY CA BA XX PY CP GL YY	A 1 A 2	- - - - -
K	F	ROCK FM RT	TM DM2	1X TX S C O O CHT	1	ID STK DIP	MG MU CL SD OS HA PR MT SL HA	- - - - -	- - - - -
E	L	QUAL AGE EN- Q LC- 3	3 4 U	/	2	AZM RT	H H H H H H H H H H	1 1	- - - - -
Y	G	DESIG VIR COL	R	C	STRUCTUR-2	A A A A A A A A A A	- - - - -	2 2	- - - - -
/	0.00	43.30	43.30	ARSI	0 3 1 3	P 2 BD	75	D-	
L				3A					
R	0.00	43.30		SLIGHTLY DISTURBED ARSI. LOCAL PYRITE REPLACEMENT ALONG					
R	0.00	43.30		SAND BEDS. OXIDIZED ALONG FRACTURE SLIPS.					
/	43.30	101.10	57.80	ARSI	0 3 1 3	P 2		B)	
L				3A					
R	43.30	101.10		SLIGHTLY TO MODERATELY DISTURBED ARSI. CORE TO BEDDING					
R	43.30	101.10		ANGLES REMAIN RELATIVELY CONSTANT. BRHM IS DEVELOPED					
R	43.30	101.10		LOCALLY. ABUNDANT PYRITE REPLACING SAND BEDS, ALONG FRACTURES					
R	43.30	101.10		AND AS NODULES. GREEN CHLORITE OCCURS ALONG SOME FRACTURES.					
/ SHR	94.79	101.10	6.31	X ARSI	0 3 1 3	R 2		B)	
L				3A					
R	94.79	101.10		SLIGHTLY TO MODERATELY SHEARED.					
/	101.10	110.34	9.24	BRPM SN2 NP5 P	<*			D(
L				SA 4) O MK2					
R	101.10	110.34		PYRITE OCCURS IN QUARTZ MICROVEINS AND IN MATRIX.					
/	101.10	104.74	3.64	X FAUL GG8 NP5 R	V+			D*	
L				3A 4) O MK2					
R	101.10	104.74		APPEARS TO BE IDENTICAL TO ENCLOSING PGI, BUT IS BADLY GOUGED.					
/ SHR	106.80	110.34	3.54	X BRHT SN2 NP5 R	<*			D(
L				SA 4) O MK2					
R	106.80	110.34		MODERATE SHEARING PERIPHERAL TO ABOVE FAULT.					
/	110.34	120.52	10.18	BRHT M; NS6 P	<*			D(
L				SA 3 = C MK2					
R	110.34	120.52		CRUDE GRADING IN MATRIX FROM PEBBLE SIZE AT THE BASE TO SAND					
R	110.34	120.52		SIZE AT TOP. ALSO, UNIT GRADES FROM CLOSED-SUPPORTED AT BASE TO					
R	110.34	120.52		OPEN-SUPPORTED AT TOP. CGCP FRAGS ARE CONCENTRATED IN BOTTOM 1					
R	110.34	120.52		METER OF INTERVAL. LARGEST CGCP FRAG IS 0.5M.					
/	120.52	123.50	2.98	CGCP *C) B* F* K N 4 O P 6	<)			C-	
L				7A 5 O				D*	
R	120.52	123.50		COMPRISES 2 BEDS OF APPROXIMATELY EQUAL THICKNESS, SEPARATED					
R	120.52	123.50		BY A 20 CM ARGILLACEOUS ZONE CONTAINING CERT PEBBLES.					
/	123.50	125.30	1.80	CGPS SN3 I L 2 N P 6	<-			D*	
L				6A 6 O					
R	123.50	125.30		CRUDE REVERSE NORMAL GRADING BECOMES RELATIVELY COARSER					
R	123.50	125.30		IN THE CENTER OF THE BED).					
/	125.30	136.75	11.45	BRHT SN+ B* F* PR7 R	<.			R*	
L				4A *C* 2 + C KM1					

G E O L O G

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DRILLHOLE/TRAVERSE --- 82-DH087 --- (CONTINUED)

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K F F R O M - T O - I N T R E C O V				M D X R O C K I 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 -				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 Q S H A P R M T S L H A			
Y G											
/	136.75	146.10	9.35	BRHT	SN1 F* B*	OS7	P				D*
L				4A	*C)	2)	C KN2				
/	SHR	138.55	142.04	3.49	X BRHT	GG2 F* B*	OS7	R			D*
L				4A	*C)	2)	C KN2				
/	146.10	149.20	3.10	CGPS	*S. F* B*	I M 3 0 N0=	P			R.	D-
L				6A		4 . 0					
R	146.10	149.20		PYRORITUMEN NODULE AT 148.52M. NODULE IS VEINED AND REPLACED BY							
R	146.10	149.20		QTZ-SIDERITE.							
/	149.20	163.22	14.02	BRHT	*S)	QS8	P				R.
L				4A		2 =) C KM=					
/	SHR	154.85	162.46	7.61	X BRHT CR	GG1	QS8	R			R.
L				4A		2 =) C KM=					
/	163.22	164.75	1.53	CGPS		J M 3 0	P			#=	D(
L				6A		5 0					
/	164.75	179.52	14.77	BRHT	SN1	NP7	P				D-
L				4A	*S+	= + JN1					
R	164.75	179.52		GRADES INTO A SANDY BRPM IN THE UPPER HALF.							
/	179.52	225.60	46.08	ARGL		LM // 0 3 = 3	P 2 BD	78			L-
L				2A							
R	179.52	225.60		BEDDING IS SLIGHTLY TO MODERATELY DISTURBED IN UPPER 4 METERS.							
/	225.60	241.30	15.70	ARSI		LM // 0 3 2 3	P 1 BD	62			
L				3A							
/	241.30	246.80	5.50	CGBR	SN2 G;	J L 6 P Q01	P			#-	D.
L				7A	*S-	2 - C					
R	241.30	266.09		THE INTERVAL HAS BEEN LOGGED AS 3 PGI'S, BUT FOR CORRELATION							
R	241.30	266.09		PURPOSES SHOULD BE CONSIDERED AS A SINGLE UNIT DOMINATED BY SAND							
R	241.30	266.09		AND PEBBLE-SIZED CHERT MATRIX.							
/	246.80	256.52	9.72	BRHT		ST9	P				D.
L				4A		1 C KN1					
R	246.80	256.52		UNIT IS DOMINATED BY LARGE ARGL FRAGMENTS WHICH SHOW EVIDENCE							
R	246.80	256.52		OF INTERNAL SLUMPING. CHERT IS A RELATIVELY MINOR COMPONENT.							
/	256.52	263.00	6.48	CGPS	SN3 M;	J M 5 0 00+	P		V-	#-	D.
L				7A		4 0					
R	256.52	263.00		CRUDE STRATIFICATION.							
/	263.00	266.09	3.09	BRHT	SN2	OP4	P				D.
L				5A	*S)	2)) 0 MN5			#)		
/	266.09	322.84	56.75	BRHM	*S.	NU9	P				D.
L				3A	SN)	LN+					

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JASON PB-ZN-AG-BAS STG DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- 82-PH087 --- (CONTINUED)

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K E Y	F R O M - T O - -----	I N T RECOV -----	N D % ROCK -----	T M TM QM1 TX TX F C % M ARG -----	R I 1 ID AZM DIP QZ FL CY CA BA XX PY CP GL YY A 1 A 2 -----		
Y R			R N D AGE EV RD LC TM QM2 TX TX S C O O CHT		2 IO AZM DIP MG MU CL SO QS HA PR MT SL HA		
/ L	413.00	434.25	21.25	BRHM 3A	SU9 P C KL*	<-	D.
/ L	434.25	445.90	11.65	BRHT SN+ SA *S=	Q03 P 1 2 = C LN1	<-	D.
R	434.25	445.90	LIGHT GREEN CHLORITE DEVELOPED ALONG FRACTURES. UNIT IS CHARACTERIZED BY ABUNDANT CGCP CLASTS.				C-
R	434.25	445.90					
/ FRG	442.95	444.70	1.75	X CGCP 7A	*C+ F* B* I L 4 O 5 O	R <(#*
L	442.95	444.70	UNIT IS DISTINGUISHED BY WELL ROUNDED BLACK PEBBLES.				
/ L	445.90	448.50	2.60	CGCP 7A	K M 5 N 7 C	P	C- <(D.
/ L	448.50	451.42	2.92	CGSN 7A	FU G; 3 L 3 N 6 O	P U <-	C- V. D.
R	448.50	451.42	SANDY CONGLOMERATE GRADING UPWARDS INTO SAND.				
/ L	451.42	456.00	4.58	SAND 7A	*C- R* I L = M MX 9 C	P	C- <- R.
/ L	456.00	480.33	24.33	BRHT 4A	SN= R* PT5 *C(B* 2 = O LN2	P <-	D- R.
/ FRG	473.80	479.00	5.20	X ARSI 3A	0 3 1 3	R	
L	480.33	480.33	0.00				
K LDF	480.33	480.33	0.00				
/ L	480.33	512.14	31.81	BRHM 3A	TU9 P JN+	<-	D.
/ L	512.14	522.60	10.46	BRPM 4A	SN+ QT7 *S(1 (* O KN=	P	R- D.
R	512.14	522.60	MUD MATRIX.				
/ L	522.60	535.70	13.10	ARSI 3A	// LM 0 3 1 3	P 1 RD 25	D-
/ L	535.70	553.33	17.63	CGCP 7A	K M 6 O 5 C	P	#+ D- B(
R	535.70	553.33	GALENA IS NOTEABLE AS BLEBS AND MATRIX FILLING TOWARDS THE BASE OF THE INTERVAL.				
R	535.70	553.33					
/ L	551.10	552.00	0.90	X BRHT 4A	SN) OP9 KN=	R <-	
/ L	553.33	568.22	14.89	BRHM 4A	SN) PT9 *S+) + KM+	P	D- B.
						V-	

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DRILLHOLE/TRAVERSE --- 82-DH087 --- (CONTINUED)

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K F R O M - T O - I N T R E C O V		M D % R O C K T M T M Q M 2 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		
Y G		R U D A G E E V R D L C T M Q M 2 T X T X S C O O C H T		2 T D A Z M D I P M G M U C L S O Q S H A P R M T S L H A				
R	553.33	568.22	UNIT CONTAINS SEVERAL LARGE BLACK CARBONACEOUS ARGIL CLASTS.					
R	553.33	568.22	MINOR GALENA OCCURS AS BLEBS IN QUARTZ-CARBONATE VEINS.					
/	568.22	572.47	4.25	ARSI SF	0 3 2 3	P 2 RD	30 <*	L(<-
L				4A				<-
R	568.22	572.47	THE BOTTOM 1.5 METERS IS SILICIFIED. A LARGE QUARTZ VEIN WITH					
R	568.22	572.47	COARSELY CRYSTALLINE VUGGY GALENA AND SPHALERITE OCCURS ALONG					
R	568.22	572.47	THE CONTACT BETWEEN THIS UNIT AND THE UNDERLYING CGCP.					
/	572.47	574.46	1.99	CGCP	SN1	K L 6 D	P <*	B+ R-
L				7A		4 C		R.
R	572.47	574.46	GALENA OCCURS AS BRECCIA FILLING, REPLACING CHERT CLASTS, AND					
R	572.47	574.46	AS BLEBS IN QUARTZ VEINS. THE CONTACT BETWEEN THE CGCP AND					
R	572.47	574.46	UNDERLYING MSSX IS RUBBLY AND OBSCURED BY FAULTING. THE CONTACT					
R	572.47	574.46	APPEARS TO PARALLEL CRUDE BANDING IN THE MSSX HOWEVER. THE					
R	572.47	574.46	RELATIVELY LOW SULFIDE CONTENT AND ABSENCE OF OBVIOUS SULFIDE					
R	572.47	574.46	FRAGMENTS IN CGCP MAY SUGGEST THAT THE CONTACT IS NOT EROSIONAL.					
K US1	574.46	574.46	0.00					
/	574.46	575.60	1.14	MSSX SL GL CH1		P		B1 M4
L				PY				M4
R	574.46	575.60	CRUDELY BANDED GALENA AND SPHALERITE, WITH PYRITE BLEBS.					
/	575.60	581.86	6.26	LBSX GL SL CH=		P		
L				BA				
R	575.60	581.86	THE INTERVAL IS VERY BARITIC, RUBBLY AND FRIABLE. GALENA IS					
R	575.60	581.86	CONCENTRATED LOCALLY.					
/	581.86	583.22	1.36	LBSX	CH1 LM LC	P 1 RD	50	A) L7
L				9	// VG			L1
R	581.86	583.22	THE BARITIC INTERVAL IS RUBBLY, WITH SOLUTION FRACTURES (IE.					
R	581.86	583.22	SMALL VUGS). YELLOWISH LAMINAE, POSSIBLY CONTAINING SPHALERITE,					
R	581.86	583.22	ARE CHERTY. THIN LAMINAE OF GALENA OCCUR SINGLY OR IN GROUPS					
R	581.86	583.22	BETWEEN THICKLY LAMINATED TO THIN BEDDED CHERT.					
/	583.22	583.64	0.42	CHSX	CH8 LM LC	P 1 RD	45	L=
L				A	//			L=
R	583.22	583.64	VERY SIMILAR IN APPEARANCE TO PREVIOUS PGI, BUT CHERT DOMINATES.					
/	583.64	585.47	1.83	LBSX	CH1 LM //	P 1 RD	50 V)	L3 L=
L				YA				L1
R	583.64	585.47	LOCAL CHERT BEDS RANGE FROM 1 TO 3 CM. GALENA OCCURS IN THIN					
R	583.64	585.47	LAMINAE, WHEREAS SPHALERITE (YELLOW TO LIGHT RED) IS IN THICK					
R	583.64	585.47	LAMINAE WITH BARITE.					
/	585.47	585.82	0.35	CHER	CH9 // SS	P 3 RD	50 V=	L) L* L*
L				A				L*
R	585.47	585.82	THERE ARE 2 CM. OF LAMINATED SULPHIDE/SULPHATE AT 585.60 METERS.					
/	585.82	587.50	1.68	LBSX	CH4 //	P 1 RD	50	A* L3 L=
L				YA	LC VG			L1

K E Y	F R O M - T O - G	I N T R E C O V R R D	M D X A G E	R O C K E V	T H R Q	G M 1 L C	T X T M	T X U M 2	F C T X	X M S C	A R G O O	C H T C H T	R I 1 I D	A Z M D I P	O Z F L	C Y C Y	C A B A	B A X X	P Y P Y	C P C P	G L G L	Y Y Y Y	A 1 A 1	A 2 A 2	
R	585.82	587.50																							
R	585.82	587.50																							
R	585.62	587.50																							
THE CHERT INCREASES TOWARDS THE BOTTOM OF THE INTERVAL. THE YELLOWISH COLOR OF THE CHERT SUGGESTS MINOR SPHALERITE. CALCITE IS PRESENT IN TINY SOLUTION VUGS.																									
/	587.50	588.16	0.66		LBSX		CH)	//				P							B1				L6		
L					3A				VG														L1		
R	587.50	588.16																							
R	587.50	588.16																							
R	587.50	588.16																							
GALENA IS THIN TO THICKLY LAMINATED, EXHIBITING LOAD CAST TYPE FEATURES. GALENA ALSO OCCURS AS SECONDARY VEINLETS IN THE BARITE.																									
/	588.16	588.73	0.57		LBSX		CH2	LM //				P	1 RD		50					L2	L1		L2		
L					RA				LC														L2		
R	588.16	588.73																							
R	588.16	588.73																							
RANGES FROM DISCRETELY INTERLAMINATED BA-SL-GL-CHERT TO LOCAL CONCENTRATIONS OF LAMINATED SPHALERITE AND BARITE.																									
/	588.73	589.79	1.06		CHSX		CH9	FG				P			<*				<*	0*		8*	D*		
L					A																				
R	588.73	589.79																							
R	588.73	589.79																							
R	588.73	589.79																							
MINOR GALENA BLEBS. BA-PY OCCUR AS INTER-FRAGMENT FILLING. THE REDDISH COLOR OF THE INTER-FRAGMENTAL CHERT SUGGESTS DISSEMINATED CHERT.																									
/	589.79	591.31	1.52		LBSX		CH3	LM LC				P	1 RD		50					L2	L1		L1		
L					RY																		L2		
R	589.79	591.31																							
R	589.79	591.31																							
R	589.79	591.31																							
R	589.79	591.31																							
GALENA IS LOCALLY CONCENTRATED IN THE UPPER PART OF THE INTERVAL, WHICH HAS A GREATER CHERT CONTENT THAN THE LOWER PART. CHERT VARIES FROM GREY BEDDED TO YELLOW AND PINK LAMINATIONS. THE LOWER INTERVAL CONTAINS MORE BARITE AND SPHALERITE.																									
/	591.31	592.86	1.55		CHER		CH9	LM				P	1 RD		50 <*)					81	L+		6=		
L					A																		L*		
R	591.31	592.86																							
R	591.31	592.86																							
R	591.31	592.86																							
GALENA OCCURS AS MINOR LAMINATIONS AND DISSEMINATED CRYSTALS IN CHERT. BARITE OCCURS AS LAMINATIONS AND/OR INJECTIONS ALONG REDDING.																									
/	592.36	592.86	0.50		X CHER		CH9	LM				R	1 PD		50 >3					81	L+		6=		
L					A		GG2						SH										L*		
K LS1	592.86	592.86	0.00																						
/	592.86	596.19	3.33		SILT SF		SN9	MX BR	1 3 1 6			P			V1				C+		R*				
L					A				8 +		JL*								C* V(
R	592.86	596.19																							
R	592.86	596.19																							
R	592.86	596.19																							
LOCALLY MINOR MUD CONTENT. MINOR SIDERITE CRYSTALS IN QUARTZ VEINS. THE UNIT IS DISRUPTED LOCALLY WITH CHERT PEBBLES OCCURRING. CHLORITE IS BRIGHT GREEN.																									
/	596.19	601.25	5.06		BRPM SF		SN1	R*	0 3 1 3	NQ4		P			<*						R+				
L					8A GR		*S3				LP+														
R	596.19	601.25																							
R	596.19	601.25																							
R	596.19	601.25																							
R	596.19	601.25																							
THE INTERVAL HAS A MUDDY TO FINE SANDY MATRIX WHICH CONTAINS ALL CHERT. ARGILLITE CLASTS ARE MUDDY SILT TO SILTY SAND. LOCALLY, REPLACEMENT BY PYRITE IS EXTREME: 80% PYRITE FROM 598.70 TO 599.00 METERS.																									

ABERFORD RESOURCES LTD.
JASON PB-ZN-AG-BAS STG DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- 82-PH087 --- (CONTINUED)

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K E Y	F R O M	T O	I N T R F C O V	K M D %	R O C K	T M	I M	Q M1	T X	T X	S	C	O	O	C H T	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
/	625.90	627.42	1.52		CQSX				CH9	//	RD					P	2	RD		90	V)						7=		D)					
L						A			LM	VG																			L+					
/	627.42	632.40	4.98		CQSX				CH9	//	RD					P	2	RD		90	V)							7+		D*				
L						A			LM	VG										885									L)					
/	632.40	633.10	0.70		CQSX				CH9	//	RD					P	2	RD		90	V)							8=		D)				
L						A			LM	VG																			L+					
/	633.10	634.66	1.56		LBSX				//	RD						P	2	RD		90					L8	8)		7)						
L						A			LM	VG																			L+					
R	633.10	634.66			INTERVAL LOOKS IDENTICAL TO CQSX, BUT IS VERY SOFT. BARITE IS																													
R	633.10	634.66			EXTREMELY FINE GRAINED, AND SCRATCHING PRODUCES A FINE, WHITE																													
R	633.10	634.66			POWDER SIMILAR TO THE ALTERED CHERT/QUARTZ IN CQSX INTERVALS.																													
/	634.66	635.56	0.90		CQSX				CH9	//	RD					P	2	RD		T90	<*						6+		D*					
L						A			LM	VG										870									L)					
/	635.56	638.33	2.77		CQSX				CH9	//	RD					P	2	RD		70	>+						8=		6+					
L						W			LM	FG																			6+					
R	635.56	638.33			LIGHTER COLOUR, LOCALLY DISRUPTED. LOCAL PYRITE BEDS (1 TO																													
R	635.56	638.33			2 CM). SPHALERITE AS LAMINATED, FRACTURE COATINGS. GALENA WITH																													
R	635.56	638.33			PYRITE AS PATCHES, BLENDS AND VEINLETS.																													
/	638.33	639.50	1.17		CQSX				CH9	//	RD					P	2	RD		70	>+						8=		6=					
L						W			LM	FG																			6=					
R	638.33	639.50			BEDDING IS MORE DISRUPTED THAN PREVIOUS INTERVAL.																													
/	639.50	647.09	7.59		CQSX				CH9	//	RD					P	2	RD		T90	>+						6+		D*					
L						A			LM	SS										870									L)					
R	639.50	647.09			SECONDARY ALTERATION DECREASES DOWNHOLE. VUGGINESS OF CHERT																													
R	639.50	647.09			ABSENT.																													
/	643.08	644.06	0.98		X CQSX				CH9	//	RD					R	2	RD		T90	>+						61		D+					
L						A			LM	VG										870									L+					
/	647.09	650.14	3.05		CHER				//	RD						P	2	RD		T80	V+						L*							
L						A			LM											885														
R	647.09	650.14			BARREN OF SULPHIDES. COLOUR DARKENS DOWNHOLE AS UNIT CHANGES																													
R	647.09	650.14			FROM CHERT REPLACED SILT TO SILICIFIED SILT/ARSI. CORE TO																													
R	647.09	650.14			BEDDING ANGLE CHANGES FAIRLY REGULARLY. LOCAL VUGGY CHERT.																													
R	647.09	650.14			LOWER CONTACT OF SOUTH ZONE TWO IS GRADATIONAL, AND WAS																													
R	647.09	650.14			CHOSEN BY COLOUR IE: ALTERATION.																													
X LS2	650.14	650.14	0.00																															
/	650.14	653.45	3.31		ARSI SF				SI3	//	RD					P	2	RD		T70	<)				<)	6)								
L						3A			LM											880			<*											
R	650.14	653.45			HIGHLY SULPHATIC. LOCALLY DISRUPTED BEDDING. WHITE VEINLET/																													
R	650.14	653.45			AND SILLS. COATING MAY BE ARBITIC. UNIT IS INTERBEDDED ARGL																													

K E-L Y	G	F R O M - T O -	I N T RECOV	M D X ROCK TM TX F C X M ARG	R I 1 ID AZM DIP MG MU CL SD QS HA PR MT SL HA
R		650.14	653.45	AND SILT.	
/	L	653.45	662.03	8.58 ARSI SF SI2 // RD P 2 RD 80	<*) 6) B(
R		653.45	662.03	QUARTZ +/- PYRITE CROSS-CUTTING VEINLETS AND SILLS. PYRITE LAMINATIONS OR IN VEINLETS. UNIT IS LOCALLY DISRUPTED.	
R		653.45	662.03	OCCASIONAL GALENA BLEBS IN QUARTZ/SIDERITE VEINLETS.	
/	L	655.00	656.00	1.00 X ARSI SF SI2 // RD R 2 RD 90	<*) 6) B(
/	L	662.03	699.21	37.18 ARSI 00 SI1 // RD P 2 RD 70	C*) <) 00 6) B(
R		662.03	699.21	INTERVAL INTERMITTANTLY SILICIFIED.	
/	L	663.00	664.00	1.00 X ARSI SF SI2 // RD R 2 RD 75	<*) 6) B(
/	L	670.00	671.50	1.50 X ARSI SF SI2 // RD R 2 RD 60	<*) 6) B(
/	L	671.50	673.25	1.75 X ARSI SF SI2 // RD R 2 RD 65	<*) 6) B(
/	L	674.50	678.08	3.58 X ARSI SF SI2 // RD R 2 RD 70	<*) 6) B(
/	L	678.08	681.53	3.45 X ARSI SF SI2 // RD R 2 RD 80	<*) 6) B(
/	L	681.53	682.40	0.87 X SILT SI6 LC 0 2 3 6 R 2 RD 80 <*)	B*) B(
R		681.53	682.40	INTERVAL IS MUDDY TO SANDY SILT.	
/	L	684.00	684.01	0.01 X ARSI SF SI2 // RD R 2 RD 80	<*) 6) B(
R		684.00	684.01	ARGILLACEOUS INTERVALS BECOMING DARKER; POSSIBLY MORE CARBONACEOUS.	
/	L	686.60	691.38	4.78 X BRHM SI1 PRX R	<*) B*
R		686.60	691.38	THIS INTERVAL IS IDENTICAL TO PGI BUT HIGHLY DISRUPTED.	
/	L	694.40	695.00	0.60 X ARSI SF SI2 // RD R 2 RD 80	<*) 1 V+ B(
/	L	699.21	701.45	2.24 ARSI SI1 LM SS P 2 RD 70	<*) R* B(
R		699.21	701.45	SPHALERITE MORE COMMON AS VEINLETS WITH AND WITHOUT QUARTZ/ SIDERITE/PYRITE.	
/	L	700.84	701.45	0.61 X ARSI SI2 LM R 2 RD 90	<*) R* B(

K	LS3	746.20	746.20	0.00
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ABERFORD RESOURCES LTD.
JASON PR-ZN-AG-BR STF DEPOSIT, Y.T.
DRILLHOLE/TRAVERSE --- 82-DH087 --- (CONTINUED)

[illegible]

/	746.20	747.37	1.17		ARGL CR	SI+ BR // 0 1 2	P	<3		<*	R(
L					RDR	N	SS		=		B*	
R	746.20	747.37			VERY CARBONACEOUS: MODERATE SEDIMENT DEFORMATION. PYRITE IN QUARTZ, QUARTZ/SIDERITE VEINING.							
R	746.20	747.37										
/	747.37	758.34	10.97		BRHM CR	SI+	NS9 P	<3			B. B(
L				FDR	N				=		B*	
/	752.90	753.40	0.50		X SILT	SI9	R	<4				
L					3A SF				*			
/	754.43	754.70	0.27		X VEIN		R	>9			B.	
L					W							
/	754.70	758.34	3.64		X BRHM CR	SI+	NS9 R	V)			B. B(
L				RDR	N				=		B*	