

^DEVSYS&gt;UDD&gt;JASON&gt;GEO04&gt;PRLOG

090986

GCOS6 MOD400-L2.0-12/10/0744

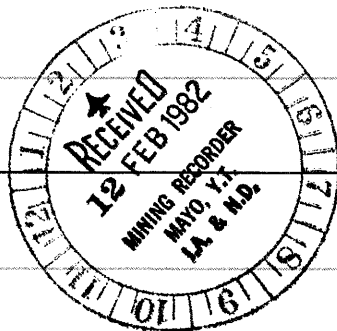
★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★	★ ★	★ ★
★ ★	★	★ ★	★ ★ ★ ★
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★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★ ★ ★
★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★	★ ★	

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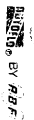
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HONEYWELL BILLERICA

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^DEVSYS&gt;UDD&gt;JASON&gt;GEOM04&gt;PRLOG





G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-7N-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :75-DH001	COLLAR ELEVATION:    1295.86	AZIMUTH( DEG ) :    0.00	GEOLOGGED BY :    +
TOTAL DEPTH/LENGTH :    31.09	NORTHING(- IF S): 7002620.00	VERTICAL ANGLE : -90.00	DATE (YY/MM/DD):    0
CORE/HOLE DIAMETER :    BOWL	EASTING (- IF W): 436462.69	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-MAIN

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY		
K	L	(	U	N	I	T	S	=			DEC	.	P	L	A	C	E														
E	A	(	M	T	=	M	E	T	R	I	C		F	T	=	F	O	O	T	R	I	C									
Y	G	F	R	O	M	-	T	O	-	I	N	T	(	.	)	D	X	T	Y	P	E										
K	F																														
E	L																														
Y	G																														

R SVY    0.00    0.00    NO DOWN HOLE SURVEYS.

R ASY    0.00    0.00    NO ASSAY DATA FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :75-DH002	COLLAR ELEVATION:        1295.86	AZIMUTH( DEG ) :        90.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    117.35	NORTHING(- IF S):    7002620.00	VERTICAL ANGLE :    -50.00	DATE (YY/MM/DD):        0
CORE/HOLE DIAMETER :        BQWL	EASTING (- IF W):    436462.69	CO-ORD SYSTEM :        UTM	PROJECT NUMBER : J=MAIN

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY			
K	L	(	U	N	I	T	S	=			DEC	.	P	L	A	C	E															
E	A	(	M	T	=	M	E	T	R	I	C		F	T	=	F	O	O	T	R	I	C										
Y	G	F	R	O	M	-	T	O	-	I	N	T	(																			
K	F																															
E	L																															
Y	G																															

R SVY        0.00        0.00        NO DOWN HOLE SURVEY DATA.

R ASY        0.00        0.00        NO ASSAY DATA FOR THIS HOLE.

NOTED BY RBF

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASUN PB-ZN-AG-BA STE DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :75-DH003	COLLAR ELEVATION:        1295.86	AZIMUTH( DEG ) :    360.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    53.64	NORTHING(- IF S):    7002620.00	VERTICAL ANGLE :    -50.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :    BQWL	EASTING (- IF W):    436462.69	CO-ORD SYSTEM :     UTM	PROJECT NUMBER : J=MAIN

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY										
K	L	(	U	N	I	T	S	=			DEC			PLACE)	RECOV	-	M	M	ROCK	F	Y	I	N	G	M	I	N	T	U	R	E	S	C	H	A	R	A	C	S
E	A	(	M	T	=	M	E	T	R	I	C			F	T	=	F	O	O	T	R	I	C																
Y	G	F	R	O	M	-	T	O	-		I	N	T	(																									
K	F										ROCK	F	M				RT																						
E	L										QUAL	A	G	E	E	N	-	0																					
Y	G										DESIG						VTR																						

R SVY    0.00    0.00    NO DOWN HOLE SURVEY DATA.

R ASY    0.00    0.00    NO ASSAY DATA.

PRINTED BY: JGF

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 75-DH004	COLLAR ELEVATION: 1305.03	AZIMUTH( DEG ) : 180.00	GEOLOGGED BY : HJV +
TOTAL DEPTH/LENGTH : 67.67	NORTHING(= IF S): 7002697.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 810618
CORE/HOLE DIAMETER : BOWL	EASTING (= IF W): 436466.50	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

R HED

ORIGINALLY LOGGED BY DR. K.I.LU.

K	L	F - I N T E R V A L - (UNITS = DEC.PLACE)	CORE RECDV-	T- % M M ROCK	TYPI- QAL FYING MIN	TEX- GRAIN TURES CHARACS	PGI	STRUCTUR-1	ALTERATION MINS	H H H H H ANY	ORE-TYPE MINS	H H H ANY	SUMMARY
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O I	TM TM MAT TX 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 M - T O - I N T ( . )	D X TYPE	1 2 QM1	1 2 F F C A	1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	F		ROCK	FM	RT	TM QM2 TX TX S C D O CHT	T ID STK DIP MG MU CL SD QS HA PR MT SL HA						
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	STRUCTUR-2 A A A A A A A A A	2 2					

[illegible]

A UMM	SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB	SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP	NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH		WA	WA	WA	WA	WA	WA	WA	WA	

R ASY 0.00 0.00 B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.01

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	36.27	37.19	092	1.18	3.54	49.10	-0.01	-0.1	-0.1	-0.1	0.01	53.52
A 001	37.19	38.40	121	0.60	3.78	44.13	0.03	-0.10	-0.1	-0.1	0.02	48.26
A 001	38.40	40.23	183	1.03	4.14	39.34	-0.01	-0.10	-0.1	-0.1	0.02	44.22
A 001	40.23	43.28	305	0.20	6.54	-0.1	0.12	-0.1	-0.1	-0.1	-0.1	6.36
A 001	43.28	47.85	457	4.88	13.15	2.92	1.00	-0.10	-0.1	-0.1	0.09	21.74
R ASY	40.28	47.85	SLUDGE SAMPLE ONLY.									
A 001	50.29	51.21	092	6.17	13.73	0.93	1.94	-0.10	-0.1	-0.1	0.08	22.55
A MAX	36.27	51.21		6.17	13.73	49.10	1.94	-0.10	-0.1	-0.1	0.09	70.73

NOTED BY RBF

[illegible]

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 75-DH005  
TOTAL DEPTH/LENGTH : 140.82  
CORE/HOLE DIAMETER : BQWL

COLLAR ELEVATION: 1315.00  
NORTHING(- IF S): 7002748.00  
EASTING (- IF W): 436468.56

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AZIMUTH( DEG ) : 180.00
VERTICAL ANGLE : -50.00
CO-ORD SYSTEM : UTM

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GEOLOGGED BY : HJV +  
DATE (YY/MM/DD): 810619  
PROJECT NUMBER : J-MAIN

R HED

ORIGINALLY LOGGED BY DR. K.I.LU, 1975.

K	F	- I N T E R V A L -	CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O I	TM TM	MAT	TX TX	F C % M	ARG /RI	T ID	STK DIP	A A A A	A MIN	A A A MIN	- - - -
Y	G	F R O M - T O - I N T ( . )	D X TYPE	1 2	QM1	1 2	F F C A			1	AZM RT	OZ FL CY CA BA XX PY CP GL YY	A 1 A 2		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	F		ROCK	FM	RT	TM	QM2	TX TX	S C O O	CHT	T ID	STK DIP	MG MU CL SD QS HA PR MT SL HA		
E	L		QUAL	AGE EN-	O LC-	3		3 4 O	/		2	AZM RT H H H 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	

Z	0.00	3.05	3.05	OVER
R	0.00	3.05	CORE IS BADLY BROKEN. RECOVERY IS VERY POOR.	

/	3.05	18.40	15.35	ARSM	512 LM BD 2 2 5 2	P 3 BD	D55	L)
L				5	CL BD			

/ FLT	18.40	19.80	1.40	ARSD	SIG LM BD 2 2 5 2	P 3 80	055	L)
L			5		(L BD			

/ FLT	19.80	28.00	8.20		FAUL	*S7			P
L						*B2	1 9		

/	28.00	88.39	60.39	ARGL	CR	SF	SN1	LM	CU	1	1	1	P	BD	40	V*	L)
1					4		SI1	//	CC								

/	42.50	49.00	6.50	X ARSI	SN2 LM	1 4 2 4	R	BD	20 K)	V.
1				5	//					

/	88.39	94.18	5.79	BRHT	BS DB	OP5	P
L				6	M;	2 2 2 C	NO1
R	88.39	94.18		BS ARE ABC AND AD, FOUND FROM 88.39 TO 103.33			

7	94.18	95.40	1.22	SAND	4	4	4	P	2	D=
L				6						

7	95.40	99.97	4.57	ARGL CR	LM	1	1	1	P	BD	30 L)	L=
1				4 SF ST1	CC							

/	99.97	101.00	1.03		BRPM				L02	P
L				6		DB	7	6 0	LM2	

[illegible]



A	UNM			SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A	LAB			SERIAL	B.CLG	B.CLG	P.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A	TYP				H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A	MTH				WA	WA	WA	WA	WA	WA	WA	WA	
R	ASY	0.00	0.00	B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.									
R	ASY	0.00	0.00	WA = WET ANALYSIS.									
R	ASY	0.00	0.00	LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.01									
R	ASY	0.00	0.00	NO ASSAY INFORMATION ENTERED AS -0.1									
A	001	94.18	95.40	122	0.01	0.04	0.87	0.01	-0.10	-0.1	-0.1	0.01	0.64
A	001	103.33	105.46	213	1.05	5.22	39.08	-0.01	-0.10	-0.1	-0.1	0.01	45.05
A	001	105.46	106.98	152	0.75	5.66	41.71	-0.01	-0.10	-0.1	-0.1	0.01	47.82
A	001	106.98	108.51	153	0.75	4.26	46.60	-0.01	-0.10	-0.1	-0.1	0.01	51.31
A	001	108.51	110.03	152	0.90	4.08	46.84	-0.01	-0.10	-0.1	-0.1	0.01	51.52
A	001	110.03	111.56	153	1.18	3.96	46.14	-0.01	-0.10	-0.1	-0.1	0.01	50.98
A	001	111.56	113.04	148	1.08	3.18	47.82	-0.01	-0.10	-0.1	-0.1	0.01	51.78
A	001	113.04	114.60	152	1.03	4.20	44.85	0.03	-0.10	-0.1	-0.1	0.01	49.82
A	001	114.60	116.13	153	1.03	3.30	43.76	-0.01	-0.10	-0.1	-0.1	0.01	47.79
A	001	116.13	117.65	152	0.65	5.66	39.02	-0.01	-0.10	-0.1	-0.1	0.02	45.04
A	001	117.65	119.18	153	0.85	3.90	44.62	0.03	-0.10	-0.1	-0.1	0.02	49.12
A	001	119.18	120.70	152	3.45	4.74	42.80	0.03	-0.10	-0.1	-0.1	0.02	50.74
A	001	120.70	122.22	152	0.85	3.42	38.42	-0.01	-0.10	-0.1	-0.1	0.01	42.39
A	001	122.22	123.75	153	1.00	2.82	41.81	0.03	-0.10	-0.1	-0.1	0.01	45.37
A	001	123.75	125.27	152	1.13	3.42	41.28	-0.01	-0.10	-0.1	-0.1	0.02	45.54
A	001	125.27	126.80	153	6.39	5.77	8.10	0.15	-0.10	-0.1	-0.1	0.02	20.13
A	MAX	94.18	126.80		6.39	5.77	47.82	0.15	-0.10	-0.1	-0.1	0.02	59.85

A MIN				0.01	0.04	0.87	-0.01	-0.10	-0.1	-0.1	-0.01	0.80
A CMP	103.33	119.18	1585	0.93	4.37	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	4.70
A CMP	119.18	126.30	762	2.57	4.03	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	6.00

BY RJP

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :75-DH006	COLLAR ELEVATION:        1262.21	AZIMUTH( DEG ) :    45.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH : 117.65	NORTHING(- IF S): 7002617.00	VERTICAL ANGLE :   -50.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :    BQWL	EASTING (- IF W): 436109.06	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-RECC

F - I N T E R V A L -		CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K L (UNITS = . DEC.PLACE)RECOV-		M M	ROCK	FYING	MIN	TURES	CHARACS							
E A (MT=METRIC FT=FOOTRIC) ERY		O I		TM	TM	MAT	TX TX F C % M ARG	/RI	T ID	STK	DIP	A A A A A	MIN	A A A MIN - - -
Y G F R O M - T O - I N T ( . )		D X	TYPE	1	2	Q M 1	1 2 F F C A	1	AZM	RT	QZ	FL	CY	CA BA XX PY CP GL YY A 1 A 2
-----														
K F		ROCK	FM	RT	TM	Q M 2	TX TX S C O O CHT		T ID	STK	DIP	MG	MU	CL SD QS HA PR MT SL HA
E L		QUAL	AGE	EN- 9	LC- 3		3 4 0 /	2	AZM	RT	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

R SVY    0.00    0.00    NO DOWN HOLE SURVEY DATA.

R ASY    0.00    0.00    NO SIGNIFICANT ASSAY DATA (I.E. NO SULFIDE INTERSECTIONS).

RECORDED BY HBF

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BR STE DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :75-DH007	COLLAR ELEVATION: 1271.84	AZIMUTH( DEG ) : 225.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 163.98	NORTHING(- IF S): 7002638.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : BOWL	EASTING (- IF W): 436162.00	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-S

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPT	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-	1	ALTERATION	MINS	ORE	-	TYPE	MINS	SUMMARY		
K	L	(UNITS =	.	DEC.PLACE)	RECOV	-	M	M	ROCK	F	Y	I	N	G	M	I	N	T	U	R	E	S											
E	A	(MT=METRIC FT=FOOTRIC)			ERY		G	I																									
Y	G	F	R	O	M	-	T	O	-	I	N	T	(	.	)	D	X	T	Y	P	E		1	2	Q	M	1	2	F	F	C	A	
-----																																	
K	F																																
E	L																																
Y	G																																

R SVY    0.00    0.00    NO DOWN HOLE SURVEY DATA.

R ASY    0.00    0.00    NO SIGNIFICANT ASSAY DATA (I.E. NO SULFIDE INTERSECTIONS).

Printed by h2f

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STE DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH008	COLLAR ELEVATION: 1211.40	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 350.82	NORTHING(= IF S): 7003716.00	VERTICAL ANGLE : -90.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : BOWL	EASTING (= IF W): 438671.00	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-RECC

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
---------------------------	---------------------------------------	--------------------	------------------------

1	121.92	0.00	-48.00
2	152.40	0.00	-42.50
3	182.88	0.00	-35.00
4	213.36	0.00	-31.00
5	243.84	0.00	-28.00
6	274.32	0.00	-24.50
7	304.80	0.00	-28.00
8	335.28	0.00	-25.50

F	- I N T E R V A L -	CORE	T- %	TYPE-	QUAL	TEX-	GRAIN		PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K	L (UNITS = . DEC.PLACE)	RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS		H H H H H ANY H H H ANY	ALT ORE				
E	A (MT=METRIC FT=FOOTRIC)	ERY	O I		TM TM	NAT TX TX	F C % M	ARG	/RI	T ID STK DIP	A A A A A MIN A A A MIN	- - - -			
Y	G F R O M - T O - I N T ( . )	D X TYPE	1 2	QM1	1 2	F F C A			1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2				
-	-----	----	-- --	---	-- --	---	- - - -	----	---	- - - -	-- --	- - - -			
K	F	ROCK	FM	RF	TM	QM2	TX TX	S C D O	CHT	T ID STK DIP	MG MU CL SD QS HA PR MT SL HA				
E	L	QUAL	AGE	EN- 0	LC- 3		3 4 0	/		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			

R SVY	0.00	0.00	DIP TESTS ONLY.
R ASY	0.00	0.00	NO ASSAY DATA FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-7N-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH009	COLLAR ELEVATION: 1248.92	AZIMUTH( DEG ) : 270.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 18.29	NORTHING(- IF S): 7002373.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : 80WL	EASTING (- IF W): 436509.75	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-RECC

R HED                    HOLE LOST IN OVERBURDEN.

F - I N T E R V A L -		CORE	T- %	TYPI- QAL		TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY		
K L (UNITS = . DEC.PLACE)		RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS		H H H H H	ANY	H H H ANY	ALT	ORE		
E A	(MT=METRIC FT=FOOTRIC)	ERY	O I		TM	TM	MAT	TX TX	F C % M ARG	/RI T	ID	STK	DIP	A A A A A MIN A A A MIN	- - - -	
Y G	F R O M - T O - I N T ( . )	O X	TYPE		1	2	QM1	1 2	F F C A	1	AZM	RT	QZ	FL	CY CA BA XX PY CP GL YY	A 1 A 2
-----																
K F		ROCK	FM	RT	TM	QM2	TX TX	S C O O	CHT	T	ID	STK	DIP	MG MU CL SD QS HA PR MT SL HA		
E L		QUAL	AGE	EN- Q	LC- 3		3 4	O /		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	

R SVY    0.00    0.00    NO DOWN HOLE SURVEY DATA.

R ASY    0.00    0.00    NO ASSAY DATA FOR THIS HOLE.

PRINTED BY NGF

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STE DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH010	COLLAR ELEVATION: 1246.54	AZIMUTH( DEG ) : 90.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 133.20	NORTHING( - IF S): 7002368.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : BQWL	EASTING ( - IF W): 436381.94	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-RECC

F - I N T E R V A L - C O R E T - % T Y P I - Q A L T E X - G R A I N P G I S T R U C T U R - 1 A L T E R A T I O N M I N S O R E - T Y P E M I N S S U M M A R Y												
K	L	(U N I T S = , D E C . P L A C E ) R E C O V - M M R O C K F Y I N G M I N T U R E S C H A R A C S	H	H	H	H	H	H	A N Y H H H A N Y A L T O R E			
E	A	(M I = M E T R I C F T = F O O T R I C ) E R Y O I T M T M M A T T X T X F C % M A R G / R I	T	I D	STK	DIP	A	A	A	A	A	M I N A A A M I N - - - -
Y	G	F R O N - T O - I N T ( . ) D X T Y P E 1 2 Q M 1 1 2 F F C A	1	A Z M	R T	Q Z	FL	CY	CA	BA	XX	PY CP GL YY A 1 A 2
K	F	ROCK FM RT IM QM2 TX TX S C O O CHT	T	ID	STK	DIP	MG	MU	CL	SD	QS	HA PR MT SL HA
E	L	QUAL AGE EN- U LC- 3 3 4 D /	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 2 2

R SVY      0.00      0.00      NO DOWN HOLE SURVEY DATA.

R ASY      0.00      0.00      NO ASSAY DATA THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :76-DH011	COLLAR ELEVATION:        1274.16	AZIMUTH( DEG ) :        0.00	GEOLOGGED BY : BHO + JMM
TOTAL DEPTH/LENGTH : 141.73	NORTHING(- IF S): 7002524.00	VERTICAL ANGLE : -55.00	DATE (YY/MM/DD): 811023
CORE/HOLE DIAMETER :    BOWL	EASTING (- IF W): 436652.00	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	0.00	-53.00
2	60.96	0.00	-45.00
3	91.44	0.00	-35.00
4	121.92	0.00	-30.00

R HED	ORIGINALLY LOGGED BY DR. K. I. LU, AUG. 1976.
R HED	(1)TARGET: THE PURPOSE OF 76-DH011 WAS TO DETERMINE THE POSSIBLE
R HED	EASTERN EXTENSION OF THE MAIN ZONE BEYOND OF
R HED	75-DH005.
R HED	(2)RESULTS: THE ORE ZONE WAS INTERSECTED AT BENCH LEVEL, 1195
R HED	METERS AND 168 METERS EAST OF 75-DH005. THE ORE ZONE
R HED	EXTENDS FROM 122.83 M. TO 138.38 M., WITH AN
R HED	APPARENT THICKNESS OF 15.55 METERS. THE TRUE
R HED	THICKNESS IS 7.78 METERS. MINOR AMOUNTS OF PB, ZN
R HED	AND AG OCCURS IN THE UNDERLYING BRECCIA. THE AVERAGE
R HED	GRADE OF PB-ZN IN THE INTERVAL BETWEEN 122.83 TO
R HED	139.90 IS 1.65% PB AND 6.17% ZN. THE PERCENT CORE
R HED	RECOVERY FROM 122.83 TO 138.38 IS 19.14%. DUE TO
R HED	THIS LOW RECOVERY, OBSERVATIONS IN ORE ZONE ARE



R HED TENTATIVE.

R HED (3) MINERALIZATION: AVAILABLE CORE INDICATES THAT THE ZONE WAS

R HED PREDOMINANTLY LMSX WITH LOCAL INTERVALS OF

R HED FGSX. SLUDGE SAMPLES WERE TAKEN OVER THE

R HED INTERVAL BETWEEN 127.10 AND 130.76 METERS

R HED AND SAMPLE IS IN THE CORE BOX.

F - I N T E R V A L -		CORE T- %		TYPI- QAL		TEX- GRAIN		PGI		STRUCTUR-1		ALTERATION		MINS		ORE-TYPE		MINS		SUMMARY		
K	L	(UNITS =	DEC.PLACE)	RECOV-	M	M	ROCK	FYING	MIN	TURES	CHARACS											
E	A	(MT=METRIC	FT=FOOTRIC)	ERY	O	I		TM	TM	MAI	TX	TX	F	C	%	M	ARG	/RI	T	ID	STK	DIP
Y	G	FR	OM - T D -	I	N	T ( . )	O	X	T	Y	P	E	C	A								
K	F			ROCK	FM	RT		TM	QM2	TX	TX	S	C	O	O	CHT						
E	L			QUAL	AGE	EN- Q	LC- 3			3	4	O	/									
Y	G			DESIG	VIR	COL						R	C									

R SVY 0.00 0.00 ACID DIP TESTS ONLY.

/ OVB 0.00 1.52 1.52 OVER P

/	1.52	6.14	4.62	RRHM	SI= SS R*	MOB	P														
L				3A	*C+ B*	3	KM+														

R 1.52 6.14 PYRITE OCCURS WITH GRAPHITE ON MINOR SHEAR SURFACES.

R 1.52 6.14 CORE IS MODERATELY BROKEN AND RUBBLY.

/	6.14	40.60	34.46	ARSI	SI1 SS SC	P	2	BD	50	<)											
L				4A	SN+																

R 6.14 40.60 THE BEDDING ANGLE AVERAGES AROUND 50 DEGREES. PYRITE OCCURS

R 6.14 40.60 PREFERENTIALLY IN SAND LAM.

R 6.14 40.60 THE INTERVAL IS MODERATELY FRACTURED. IT IS LOCALLY BRECCIATED

R 6.14 40.60 DUE TO SYN-TECTONIC DEFORMATION. THERE ARE NUMEROUS, MINOR

R 6.14 40.60 SHEAR ZONES.

/	6.14	12.50	6.36	X ARSI	SI1 SS SC	R	2	BD	70	<)											
L																					

/	40.60	42.67	2.07	BRHT	*C* R* F*	LOB	P														
L				5A	*S=	3	JM1														

R 40.60 42.67 THE MATRIX IS MUD AND SILT RICH, RANGING UP TO 10%.

/	41.60	42.67	1.07	X ARSI	SI1 SS SC	R	1	BD	40	<)											
L				3A	SN= R*																

R 41.60 42.67 THE UNIT HAS APPROX. 20% BRHT BANDS WHICH CONFORM WITH THE

R 41.60 42.67 BEDDING. SOME BANDS RANGE UP TO 3 CMS. THESE BANDS APPEAR TO BE

R 41.60 42.67 DEPOSITIONAL.

/	42.67	44.57	1.90	BRHT	SI= R* B*	LR5	P														
L				7A	*S= SS	3	JN4														

/	44.57	45.37	0.80	SAND	SNB BS MX 1 2 4 L	P	2	BD	U35	>+											
L				9A	SI1 BD FU 6	0															

R 44.57 45.37 THIS INTERVAL CONTAINS SEVERAL DEPOSITIONAL EVENTS. IT IS A

R 44.57 45.37 BOUMA SEQUENCE WITH A AND B LAYERS. THE UNIT IS CUT BY TWO

R 44.57 45.37 QUARTZ VEINS, BOTH APPROX. 8 CMS.

[illegible][illegible]

## DRILLHOLE/TRAVERSE --- 76-DH011 --- (CONTINUED)

K	F	F	R	O	M	-	T	O	-	I	N	T	RECOV	MD	%	ROCK	T <sub>M</sub>	T <sub>N</sub>	Q <sub>M1</sub>	TX	TX	F	C	%	M	ARG	RI	1	ID	AZM	DIP	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2		
E	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	G												R	Q	D	AGE	EV	RQ	LC	TM	Q <sub>M2</sub>	TX	TX	S	C	O	O	CHT	2	ID	AZM	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA					

/		71.00	71.87	0.87			X ARSI		SI1	BD	SS																R	2	BD		40	<*															
L																																															
/		71.87	73.15	1.28			BRHT		SI=	F*	B*																																				
L								7A	*C2	R*		3	+																																		
/		73.15	76.80	3.65			BRHM		SN1	SS	SC																																				
L								4A	SI=			4																																			
R		73.15	76.80				THIS UNIT IS MAINLY AN ARSI WHICH HAS BEEN HIGHLY BRECCIATED																																								
R		73.15	76.80				DUE TO SLUMPING.																																								
/		76.80	79.22	2.42			BRHT		SN=	SS	R*																																				
L								6A	*C=	F*		4																																			
/		79.22	85.80	6.58			SILT		SN=	BD		0	1	6	G																																
L								2A	CR	SI7			7																																		
R		79.22	85.80				THE UNIT IS MODERATELY FRACTURED AND BROKEN UP. SLIPPAGE PLANES																																								
R		79.22	85.80				ARE PARALLEL WITH BEDDING. IT IS LOCALLY CARBONACEOUS.																																								
/	SHR	79.22	82.40	3.18			X SILT	GR	SN=	BD		0	1	6	G																																
L																																															
R		79.22	82.40				THE CORE IS HIGHLY FRAGMENTED DUE TO SHEARING.																																								
/		85.80	86.71	0.91			ARSN		SN3	BD	SS																																				
L								6A	SI=	SC	FU																																				
/		86.71	88.20	1.49			ARSI		SI=	LM																																					
L								3A	SN+																																						
R		86.71	88.20				THERE ARE A FEW BANDS OF CHERT AND GRIT RICH LAYERS WITHIN																																								
R		86.71	88.20				THIS INTERVAL. THEY REPRESENT MINOR PULSES OF COARSER SEDIMENT																																								
R		86.71	88.20				INFLUX DURING A MAINLY QUIET PERIOD.																																								
/		88.20	88.99	0.79			CGPS		SN1	R*	F*	0	5	2	N																																
L								7A	*C3	IM	G;	6	+	0																																	
R		88.20	88.99				THIS INTERVAL CONTAINS 20 TO 30% MATRIX, WHICH IS MAINLY MUD AND																																								
R		88.20	88.99				GRIT. THE PEBBLES ARE SUBROUNDED TO SUBANGULAR. THERE ARE																																								
R		88.20	88.99				SEVERAL MINOR SHEAR ZONES. SANDSTONE FRAGMENTS RANGE UP TO 2.5%.																																								
/		88.99	91.45	2.46			BRHT		*C2	R*	F*																																				
L								6A	PY	*S=		3	=																																		
/		91.45	93.88	2.43			SAND		SN8	//	BS	0	4	3	M																																
L								8A	SI1	FU	SS	7																																			
R		91.45	93.88				THIS UNIT CONTAINS SEVERAL BC CYCLES OF A BOUMA SEQUENCE.																																								
R		91.45	93.88				SOME SHEARING HAS TAKEN PLACE ALONG BEDDING PLANES.																																								
/		93.88	98.06	4.18			CGBR		*C3	R*	F*																																				
L								9A	*S+	G;	//	4	+																																		
R		93.88	98.06				GRADES TO SMALL PEBBLES SIZE RANGE -2 TAD CYCLES -END OF 1ST																																								
R		93.88	98.06				CYCLE AT 95.3 M. SHARP PLANAR CONTACT AT BASE OF CYCLE.																																								

[illegible]



A UMM	SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB	SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP	NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH		WA	WA	WA	WA	WA	WA	WA	WA	

R ASY 0.00 0.00 R.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	122.85	124.35	7951	1.34	6.25	-0.1	0.07	-0.1	-0.1	-0.1	-0.1	7.16
A 001	124.35	125.88	7952	1.64	3.64	-0.1	0.04	-0.1	-0.1	-0.1	-0.1	4.82
A 001	125.88	128.02	7953	5.66	10.68	-0.1	0.06	-0.1	-0.1	-0.1	-0.1	15.90
A 001	128.02	130.76	7954	1.70	6.31	-0.1	0.02	-0.1	-0.1	-0.1	-0.1	7.53
A 001	130.76	132.23	7955	1.34	3.56	-0.1	0.05	-0.1	-0.1	-0.1	-0.1	4.45
A 001	132.23	133.81	7956	1.30	3.85	-0.1	0.05	-0.1	-0.1	-0.1	-0.1	4.70
A 001	133.81	135.35	7957	0.41	6.61	-0.1	0.06	-0.1	-0.1	-0.1	-0.1	6.58
A 001	135.35	136.86	7958	0.58	7.30	-0.1	0.06	-0.1	-0.1	-0.1	-0.1	7.44
A 001	136.86	138.38	7959	0.76	8.40	-0.1	0.07	-0.1	-0.1	-0.1	-0.1	8.73
A 001	138.38	139.90	7960	0.10	3.13	-0.1	0.05	-0.1	-0.1	-0.1	-0.1	2.78
A CMP	122.83	139.90		1.65	6.17	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	7.22

DRILLHOLE/TRVERSE --- 76-DH011 --- (CONTINUED)

A MIN		0.10	3.13	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.63
A MAX	122.83 139.90	5.66	10.68	-0.1	0.07	-0.1	-0.1	-0.1	-0.1	15.91

W1010 BY NBF

A UMM			RQD	SP.GR.
A TYP			CM	SG
A MTH			B-B	WEIGH
A LAB			FLO	FLO
R ASY	0.00	0.00	RCOV=RECOVERY(C17-20) IS MEASURED IN CM BLOCK TO BLOCK(B-B)	
R ASY	0.00	0.00	RQD=ROCK QUALITY DESIGNATOR(C27-32)MEASURED IN CM BLOCK TO BLOCK	
R ASY	0.00	0.00	RQD IS THE TOTAL LENGTH (BETWEEN BLOCKS) OF PIECES OF CORE	
R ASY	0.00	0.00	AT LEAST 2-1/2 TIMES DIAMETER OF CORE TO NEAREST CM, DIVIDED	
R ASY	0.00	0.00	BY LENGTH OF INTERVAL = BLOCK(TO) MINUS BLOCK(FROM)TIMES 100	
R ASY	0.00	0.00	CM INDICATES THAT MEASUREMENTS ARE IN CM'S WHICH ARE TO BE RIGHT	
R ASY	0.00	0.00	JUSTIFIED AGAINST THE DOUBLE VERTICAL LINE AT RIGHT MARGIN	
R ASY	0.00	0.00	OF EACH FIELD.	
R ASY	0.00	0.00	B-B=BLOCK-TO-BLOCK (DRILLERS BLOCKS). ENTER METRAGE OF ONE BLOCK	
R ASY	0.00	0.00	AS THE TO OF ANY INTERVAL AND THE METRAGE OF THE NEXT BLOCK.	
R ASY	0.00	0.00	ADDITIONAL POINTS (FROM-TO'S) CAN BE ESTABLISHED BETWEEN	
R ASY	0.00	0.00	BLOCKS TO BRACKET SPECIFIC INTERVALS OF LOCALIZED POOR	
R ASY	0.00	0.00	RECOVERY. B-B IS ENTERED RIGHT JUSTIFIED IN EACH FIELD IN	
R ASY	0.00	0.00	THE AMTH HEADER.	
R ASY	0.00	0.00	THE FIRST INTERVAL, THROUGH THE OVERBURDEN, WITH ZERO RECOVERY,	
R ASY	0.00	0.00	SHOULD BE ENTERED FIRST -- SEE BELOW.	
A 100	0.00	1.83	00	00
R ASY	0.00	1.83	OVERBURDEN	
A 100	1.83	3.35	55	00
A 100	3.35	3.96	30	00
A 100	3.96	5.49	15	00
A 100	5.49	6.09	55	00
A 100	6.09	7.01	46	00
A 100	7.01	7.92	91	09
A 100	7.92	8.23	15	00
A 100	8.23	8.84	61	00
A 100	8.84	9.75	91	18
A 100	9.75	10.67	61	09
A 100	10.67	12.19	152	19
A 100	12.19	13.12	91	22
A 100	13.12	14.32	104	10
A 100	14.32	15.24	70	25
A 100	15.24	15.85	24	00
A 100	15.85	17.07	21	00
A 100	17.07	17.93	67	00
A 100	17.93	19.81	73	00
A 100	19.81	20.43	49	00
A 100	20.43	21.34	85	11
A 100	21.34	21.95	49	10
A 100	21.95	22.56	55	00
A 100	22.56	22.86	30	00
A 100	22.86	23.47	61	00
A 100	23.47	24.38	55	19
A 100	24.38	24.69	31	00
A 100	24.69	24.99	30	00
A 100	24.99	25.60	37	00
A 100	25.60	25.91	31	00
A 100	25.91	26.21	30	12
A 100	26.21	26.52	15	00
A 100	26.52	27.74	40	18
A 100	27.74	29.87	21	41



A UMM	RQD	SP.GR.
A TYP	CM	SG
A MTH	B-B	WEIGH
A LAB	FLO	FLO

A 100	29.87	31.09	37	09
A 100	31.09	33.53	24	91
A 100	33.53	35.05	152	70
A 100	35.05	37.19	116	09
A 100	37.19	39.01	73	58
A 100	39.01	39.93	82	20
A 100	39.93	41.15	97	00
A 100	41.15	42.67	146	15
A 100	42.67	44.19	149	21
A 100	44.19	47.24	305	67
A 100	47.24	50.59	308	114
A 100	50.59	51.51	88	00
A 100	51.51	52.43	76	17
A 100	52.43	53.64	110	10
A 100	53.64	55.17	153	34
A 100	55.17	56.08	88	09
A 100	56.08	57.61	152	29
A 100	57.61	58.52	70	00
A 100	58.52	64.62	582	141
A 100	64.62	67.67	305	170
A 100	67.67	71.93	347	91
A 100	71.93	73.46	152	33
A 100	73.46	76.20	247	38
A 100	76.20	77.72	152	54
A 100	77.72	84.43	591	45
A 100	84.43	85.95	149	23
A 100	85.95	87.48	152	36
A 100	87.48	90.53	305	234
A 100	90.53	92.05	146	60
A 100	92.05	93.88	137	00
A 100	93.88	95.71	94	00
A 100	95.71	96.93	98	38
A 100	96.93	97.54	52	25
A 100	97.54	99.06	64	36
A 100	99.06	99.97	64	00
A 100	99.97	102.41	88	20
A 100	102.41	103.33	70	00
A 100	103.33	104.24	64	00
A 100	104.24	104.55	12	00
A 100	104.55	105.77	88	25
A 100	105.77	107.29	134	21
A 100	107.29	108.20	67	00
A 100	108.20	109.42	61	00
A 100	109.42	111.56	122	00
A 100	111.56	112.17	46	00
A 100	112.17	113.69	113	10
A 100	113.69	116.43	177	11
A 100	116.43	117.96	104	00
A 100	117.96	119.48	98	00
A 100	119.48	120.70	122	09
A 100	120.70	122.22	152	56

A	UMM				RDD	SP.GR.
A	TYP				CM	SG
A	MTH				B-R	WEIGH
A	LAB				FLO	FLD
A	100	122.22	123.44	85	00	
A	100	123.44	124.05	61	00	
A	100	124.05	126.19	61	00	
A	100	126.19	128.02	06	00	
A	100	128.02	129.54	00	00	
A	100	129.54	130.76	00	00	
A	100	130.76	131.67	21	00	
A	100	131.67	132.57	79	00	
A	100	132.57	133.19	15	00	
A	100	133.19	134.42	21	00	
A	100	134.42	135.94	30	00	
A	100	135.94	136.86	06	00	
A	100	136.86	138.28	91	00	
A	100	138.28	138.99	52	00	
A	100	138.99	139.90	91	00	





A UMM		SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB		SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP			H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH			WA	WA	WA	WA	WA	WA	WA	WA	

R ASY 0.00 0.00 B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.01

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	124.35	125.88	153	4554	0.01	0.04	4.20	0.04	-0.1	-0.1	-0.1	-0.1	3.89
A 001	125.88	126.49	061	4555	0.76	6.28	38.10	0.08	-0.1	-0.1	-0.1	-0.1	44.82
A 001	126.49	128.02	153	4556	0.33	7.16	38.81	0.02	-0.1	-0.1	-0.1	-0.1	45.92
A 001	128.02	129.54	152	4557	0.22	5.66	46.84	-0.01	-0.1	-0.1	-0.1	-0.1	52.31
A 001	129.54	131.06	152	4558	0.68	3.20	48.30	-0.01	-0.1	-0.1	-0.1	-0.1	51.77
A 001	131.06	132.59	153	4559	1.10	3.22	44.22	-0.01	-0.1	-0.1	-0.1	-0.1	48.13
A 001	132.59	134.11	152	4560	0.81	4.36	44.70	-0.01	-0.1	-0.1	-0.1	-0.1	49.46
A 001	134.11	135.64	153	4561	0.77	2.80	45.80	-0.01	-0.1	-0.1	-0.1	-0.1	48.96
A 001	135.64	137.16	152	4562	0.83	3.12	46.16	-0.01	-0.1	-0.1	-0.1	-0.1	49.70
A 001	137.16	138.68	152	4563	0.76	3.06	38.60	-0.01	-0.1	-0.1	-0.1	-0.1	42.01
A 001	138.68	140.21	153	4564	1.12	3.80	40.00	0.01	-0.1	-0.1	-0.1	-0.1	44.53
A 001	140.21	141.73	152	4565	0.29	3.90	42.50	0.02	-0.1	-0.1	-0.1	-0.1	46.31
A 001	141.73	143.26	153	4566	0.07	0.12	0.56	0.02	-0.1	-0.1	-0.1	-0.1	0.37
A 001	143.26	144.78	152	4567	1.56	4.76	18.89	0.05	-0.1	-0.1	-0.1	-0.1	24.86
A 001	144.78	145.69	091	4568	3.50	7.08	11.40	0.12	-0.1	-0.1	-0.1	-0.1	21.70
A 001	145.69	147.22	153	4569	0.25	1.02	0.58	0.02	-0.1	-0.1	-0.1	-0.1	1.47
A 001	147.22	148.74	152	4570	0.22	1.72	2.59	0.03	-0.1	-0.1	-0.1	-0.1	4.16
A MAX	124.35	148.74			3.50	7.16	48.30	0.01	-0.1	-0.1	-0.1	-0.1	58.57



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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 76-DH013	COLLAR ELEVATION: 1201.10	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 17.68	NORTHING( - IF S ): 7002518.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : NQ	EASTING ( - IF W ): 436913.50	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

INTERVAL - CORE T- %										TYPE- QAL TEX- GRAIN		PGI	STRUCTUR-1		ALTERATION MINS					ORE-TYPE MINS					SUMMARY							
K	L	(UNITS = . DEC.PLACE)	RECOV=	M M	ROCK	FYING	MIN	TURES	CHARACS				H	H	H	H	H	ANY	H	H	H	ANY	ALT	ORE								
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O I		TM	TM	MAT	TX TX	F C	% M	ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	-	-	-	-	
Y	G	FROM - TO - INT ( . )	D X	TYPE		1	2	QM1	1	2	F F	C A		1		AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2	
K	F		ROCK	FM	RT	TM	QM2	TX	TX	S	C	D	D	CHT	T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA				
E	L		QUAL	AGE	EN=	O	LC=	3		3	4	O	/		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	A	2		2	

R SVY      0.00      0.00      NO DOWN HOLE SURVEY DATA.

R ASY      0.00      0.00      NO ASSAY DATA THIS HOLE.

**AUTOTIO** BY **A/B/F**

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN DIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :76-DH014	COLLAR ELEVATION:        1194.05	AZIMUTH( DEG ) :        0.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH : 102.11	NORTHING(- IF S): 7002474.00	VERTICAL ANGLE :    -53.00	DATE (YY/MM/DD):        0
CORE/HOLE DIAMETER :    NQ	EASTING (- IF W): 436914.56	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	0.00	-47.00
2	60.96	0.00	-42.50
3	91.44	0.00	-39.50

F - I N T E R V A L - CORE T- %										TYPI- DAL TEX- GRAIN										PGI STRUCTUR-1 ALTERATION MINS ORE-TYPE MINS SUMMARY									
K L (UNITS = . DEC.PLACE)RECOV- M M ROCK FYING MIN TURES CHARACS																				H H H H H ANY H H H ANY ALT ORE									
E A (MT=METRIC FT=FOOTRIC) ERY O I										TM TM MAT TX TX F C % M ARG /RI T ID STK DIP A A A A A MIN A A A MIN - - - -																			
Y G F R O M - T O - I N T ( . ) D X TYPE 1 2 QM1 1 2 F F C A																				1 AZM RT QZ FL CY CA BA XX PY CP GL YY A 1 A 2									
K F										ROCK FM RT TM QM2 TX TX S C O O CHT										T ID STK DIP MG MU CL SD QS HA PR MT SL HA									
E L										QUAL AGE EN- N LC- 3 3 4 O /										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									

R SVY	0.00	0.00	DIP TESTS ONLY.			
/	0.00	71.63	71.63	MISS		
K UM1	71.63	71.63	0.00			
/	71.63	81.99	10.36	MISS		
K LM1	81.99	81.99	0.00			
/	81.99	102.11	20.12	MISS		



A UMM													
A LAB													
A TYP													
A MTH													

R ASY 0.00 0.00 B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.01, -0.05

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	71.63	73.13	05	4571S	2.22	9.52	0.34	0.10	-0.1	-0.1	-0.1	0.02	11.90
R ASY	71.63	73.13		4571S IS A SLUDGE SAMPLE ASSAY.									
A 001	73.13	74.68	24	4572	0.67	4.24	0.18	0.08	-0.1	-0.1	-0.1	0.01	4.88
A 001	74.68	76.20	12	4575	0.26	1.83	0.11	0.10	-0.1	-0.1	-0.1	-0.01	1.99
A 001	76.20	77.72	116	10534	3.36	8.64	0.09	0.09	-0.1	-0.1	-0.1	0.01	11.89
A 001	77.72	78.94	85	10535	2.46	8.16	0.14	0.13	-0.1	-0.1	-0.1	0.01	10.60
A 001	78.94	80.48	107	10536	0.35	3.34	0.18	0.06	-0.1	-0.1	-0.1	-0.01	3.62
A 001	80.48	81.99	122	10537	0.17	6.16	0.28	0.06	-0.1	-0.1	-0.1	0.01	6.38
A 001	81.99	83.51	61	19325	0.05	0.37	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.18
A 001	83.51	85.03	43	19326	-0.05	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.70
A CMP	71.63	81.99			1.32	7.03	-0.1	0.10	-0.1	-0.1	-0.1	-0.1	7.95
R ASY	71.63	81.99		COMPOSITE USES WEIGHTED CORE + SLUDGE VALUES.									

A MIN			-0.05	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.70
A MAX	71.63	85.03	3.36	8.64	0.28	0.13	-0.1	-0.1	-0.1	12.21

Revised by RBF

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH015	COLLAR ELEVATION: 1158.09	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 157.28	NORTHING(= IF S): 7002393.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : NQ	EASTING (= IF W): 437109.00	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	30.48	0.00	-51.00
2	60.96	0.00	-41.00
3	91.44	0.00	-33.50
4	121.92	0.00	-31.50
5	152.40	0.00	-27.00

K	F	- I N T E R V A L -	CORE	T- %	TYPI-	QAL	TEX-	GRAIN		PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY	
E	L	(UNITS = . DEC.PLACE)	RECUV-	M M ROCK	FYING	MIN	TURES	CHARACS			H H H H H ANY H H H ANY	ALT ORE			
F	A	(MI=METRIC FT=FOOTRIC)	ERY	O I	TM TM MAT TX TX F C % M ARG /RI T ID STK DIP	A A A A A MIN A A A MIN	- - - -								
Y	G	F R O M - T O - I N T ( . )	D X TYPE	1 2 QM1	1 2 F F C A					1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2			
-	---	-----	----	-- --	-- --	-- --	-- --	-- --	----	----	-- --	-- --	-- --	-- --	
K	F		ROCK	FM	RT	TM QM2 TX TX S C O O CHT				T ID STK DIP MG MU CL SD QS HA PR MT SL HA					
E	L		QUAL	AGE EN- G LC- 3		3 4 O /				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		

R SVY 0.00 0.00 ACID DIP TESTS ONLY.

/	0.00	130.61	130.61	MISS	P
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K	UM1	130.61	130.61	0.00
---	-----	--------	--------	------

/	130.61	131.98	1.37	MISS	P
---	--------	--------	------	------	---

K	LM1	131.96	131.98	0.00
---	-----	--------	--------	------

/	131.98	157.28	25.30	MISS	P
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A UMM													
A LAB		SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD			
A TYP		SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG			HASH
A MTH		NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE			
			WA	WA	WA	WA	WA	WA	WA	WA			

R ASY    0.00    0.00    B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY    0.00    0.00    WA = WET ANALYSIS.

R ASY    0.00    0.00    LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.05

R ASY    0.00    0.00    NO ASSAY INFORMATION ENTERED AS -0.1

A 001	128.02	130.61	144	10544	0.05	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.60
A 001	130.61	130.91	15	10545	-0.05	2.45	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.80
A 001	130.91	131.52	31	10546	0.06	0.35	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.19
A 001	131.52	131.98	23	10547	0.05	5.70	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	5.15
A 001	131.98	133.50	36	10548	0.05	0.65	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.10
A 001	133.50	135.03	61	10549	0.05	0.65	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.10
A 001	135.03	136.55	0	10550	0.23	1.50	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.13
R ASY	135.03	136.55			SLUDGE ASSAY ONLY.								
A 001	136.55	137.40	78	19301	0.29	1.23	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.92
A 001	137.46	139.90	125	19302	0.16	1.78	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.34
A 001	139.90	142.65	168	19303	0.10	1.00	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.50

REVIEWED BY RBF

A MIN		-0.05	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.70
A MAX	128.02 142.65	0.29	5.70	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	5.39

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STP DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH016	COLLAR ELEVATION: 1160.86	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 122.22	NORTHING( - IF S ): 7002476.00	VERTICAL ANGLE : -52.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : NO	EASTING ( - IF W ): 437110.06	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	30.48	0.00	-46.00
2	91.44	0.00	-36.00
3	121.92	0.00	-28.00

INTERVAL - CORE										T- %		TYPI- GAL		TEX- GRAIN		PGI		STRUCTUR-1		ALTERATION		MINS		ORE-TYPE		MINS		SUMMARY									
K	F	L	(UNITS =	DEC.PLACE)	RECOV-	M	M	ROCK	FYING	MIN	TX	TX	F	C	%	M	ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	-	-	-	-	
Y	G	F	R	U	M	-	T	O	-	I	N	T	(	.	)	D	X	TYPE	1	2	QM1	1	2	F	F	C	A										
-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
K	F					ROCK	FM	RT	TM	QM2	TX	TX	S	C	O	O	CHT		T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA					
E	L					QUAL	AGE	EN-	Q	LC-	3		3	4	0		/		2		AZM	RT	H	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	A	2	2			

/	0.00	49.99	49.99	MISS	P
K UM1	49.99	49.99	0.00		
/	49.99	54.56	4.57	MISS	P
K LM1	54.56	54.56	0.00		
/	54.56	122.22	67.66	MISS	P

A UMM				SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB				SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP				NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH					WA	WA	WA	WA	WA	WA	WA	WA	
R ASY	0.00	0.00		H.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.									
R ASY	0.00	0.00		WA = WET ANALYSIS.									
R ASY	0.00	0.00		LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.05									
R ASY	0.00	0.00		NO ASSAY INFORMATION ENTERED AS -0.1									
A 001	45.11	48.46	183	19304	0.05	1.73	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.18
A 001	48.46	49.99	107	19305	0.05	0.85	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.30
A 001	49.99	51.51	82	19306	0.06	3.10	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.56
A 001	51.51	53.34	113	19307	0.05	1.60	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.05
A 001	53.34	54.56	101	19308	0.05	1.45	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.90
A 001	54.56	57.61	235	19309	0.04	0.70	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.14
A 001	57.61	60.66	231	19310	0.05	0.54	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.01
A 001	60.66	62.79	167	19311	-0.05	0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.60
A CMP	49.99	54.56	296		0.05	2.06	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.51

A MIN			-0.05	0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.61
A MAX	45.11	62.79	0.06	3.10	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.56

REVISION BY R.E.F.



G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :76-DH017	COLLAR ELEVATION:        1159.77	AZIMUTH( DEG ) :        0.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH : 482.80	NORTHING(- IF S): 7003898.00	VERTICAL ANGLE : -90.00	DATE (YY/MM/DD):        0
CORE/HOLE DIAMETER :    NO	EASTING (- IF W): 438542.50	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-RECC

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.50	0.00	-89.00
2	62.50	0.00	-89.00
3	91.40	0.00	-81.00
4	121.90	0.00	-77.00
5	152.40	0.00	-67.00
6	182.90	0.00	-60.00
7	213.40	0.00	-56.50
8	228.60	0.00	-55.50
9	243.80	0.00	-53.50
10	259.10	0.00	-51.00
11	274.30	0.00	-51.00
12	289.60	0.00	-49.00
13	306.30	0.00	-46.00
14	320.00	0.00	-42.50
15	335.60	0.00	-39.50
16	352.30	0.00	-41.50
17	367.90	0.00	-41.00
18	383.10	0.00	-37.50
19	398.40	0.00	-35.50
20	412.70	0.00	-33.50
21	428.20	0.00	-32.50
22	443.20	0.00	-29.00
23	458.70	0.00	-29.00
24	477.00	0.00	-27.00
25	482.80	0.00	-27.00

F - I N T E R V A L -										CORE		T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1										ALTERATION		MINS	ORE-TYPE		MINS	SUMMARY									
K L (UNITS = . DEC.PLACE)RECOV-										M M		ROCK	FYING	MIN	TURES	CHARACS			H	H	H	H	H	H	ANY	H	H	H	ANY	ALT	ORE												
E A (MT=METRIC FT=FOOTRIC)										ERY		O I	TM	TM	MAT	TX	TX	F C	%	M	ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	-	-	-	-			
Y G F R O M - T O - I N T ( . )										D X		TYPE	1	2	QM1	1	2	F	F	C	A		1	AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2				
K F										ROCK		FM	RT	TM	QM2	TX	TX	S	C	O	O	CHT		T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA						
E L										QUAL		AGE	EN- Q	LC- 3		3	4	O		/		2	AZM	RT	H	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	2	2

R SVY	0.00	0.00	DIP TESTS ONLY.
R ASY	0.00	0.00	NO ASSAYS FROM THIS HOLE.

# GEOLOG EDIT LISTING

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 76-DH018	COLLAR ELEVATION: 1389.28	AZIMUTH( DEG ) : 180.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 56.69	NORTHING(= IF S): 7003448.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : ND	EASTING (= IF W): 436403.25	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-RECC

F - I N T E R V A L - C O R E T- % TYP1- QAL TEX- GRAIN PGI STRUCTUR-1 ALTERATION MINS ORE-TYPE MINS SUMMARY												
K	L (UNITS = , DEC.PLACE)	RECOV- M M	ROCK	FYING MIN	TURES	CHARACS				H H H H H ANY H H H ANY	ALT ORE	
E	A (MT=METRIC FT=FOOTRIC)	ERY	O I	TM TM	MAT TX TX	F C % M	ARG	/RI	T	ID STK DIP	A A A A A MIN A A A MIN	- - - -
Y	G F R O M - T O - I N T ( , )	D X	TYPE	1 2	QM1	1 2	F F C A		1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2	
K	F	ROCK	FM	RT	TM	QM2	TX TX	S C O O	CHT	T	ID STK DIP	MG MU CL SD QS HA PR MT SL HA
E	L	QUAL	AGE	EN- 0	LC- 3		3 4 0	/		2	AZM RT 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	2 2

R SVY	0.00	0.00	NO DRILL HOLE DIP TESTS TAKEN.
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R ASY      0.00      0.00      NO CORE ASSAYS TAKEN; SLUDGE ASSAY ALL <0.05 PB AND ZN.

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

FORMAT VERSION : 6B02

SEG. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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K	F	- I N T E R V A L -	CORE	T- %	TYPI-	QAL	TEX-	GRAIN		PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
L	(UNITS = . DEC.PLACE)	RECDV-	M M	ROCK	FYING	MIN	TURES	CHARACS		/RI	T ID STK DIP	A A A A A	MIN	A A A MIN	- - - -	
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O I	TM TM	MAT	TX TX	F C % M	ARG		1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2			
Y	G	F R O M - T O - I N T ( . )	D X	TYPE	1 2	QM1	1 2	F F C A								
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
K	F		ROCK	FM	RT	TM	QM2	TX TX	S C O O	CHT	T ID STK DIP	MG MU CL SD QS HA PR MT SL HA				
E	L		QUAL	AGE	EN- W	LC- 3		3 4	O /		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	

R SVY	0.00	0.00	DIP TESTS ONLY.
R ASY	0.00	0.00	NO SIGNIFICANT ASSAYS IN THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :76-DH020	COLLAR ELEVATION: 1253.13	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 121.92	NORTHING(- IF S): 7002399.00	VERTICAL ANGLE : -49.50	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 436452.00	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	31.70	0.00	-46.00
2	64.00	0.00	-45.00
3	91.40	0.00	-42.50
4	121.92	0.00	-40.00

F	- I N T E R V A L -			CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1				ALTERATION				MINS	ORE-TYPE				MINS	SUMMARY								
K	L (UNITS = . DEC.PLACE)			RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS								H	H	H	H	H	ANY	H	H	H	ANY	ALT	ORE				
E	A (MT=METRIC FT=FOOTRIC)			ERY	Q I		TM	TM	MAT	TX TX	F C %	M	ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	-	-	-	-	
Y	G F R O M - T O - I N T ( . )				D X	TYPE	1	2	QM1	1	2	F F C	A		1		AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2	
-----																																	
K	F				ROCK	FM	RT	TM	QM2	TX	TX	S	C	O	D	CHT		T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA		
E	L				QUAL	AGE	EN- Q	LC- 3		3	4	O		/		2		AZM	RT	H	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	A	2	2

R SVY 0.00 0.00 DIP TESTS ONLY.



A MIN		0.06	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.59
A MAX	29.00 35.00	4.50	0.12	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	4.02

REVISIONS BY RBF

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

FORMAT VERSION : 6B02

INTERVAL - CORE										T- %		TYPI- QAL		TEX- GRAIN		PGI		STRUCTUR-1 ALTERATION MINS										ORE-TYPE MINS		SUMMARY					
L (UNITS = . DEC.PLACE) RECOV- M M ROCK										FYING MIN		TURES		CHARACS				H H H H H ANY H H H ANY										ALT ORE							
E A (MT=METRIC FT=FOOTRIC) ERY O I										1M 1M		MAT TX TX		F C % M		ARG /RI		T ID STK DIP A A A A A MIN A A A MIN										- - - -							
Y G FROM - TO - INT ( . ) D X TYPE										1 2 QM1		1 2		F F C A		1		AZM RT QZ FL CY CA BA XX PY CP GL YY										A 1 A 2							
K F										ROCK		FM		RT		1M QM2		TX TX		S C O O		CHT		T ID STK DIP MG MU CL SD QS HA PR MT SL HA											
E L										QUAL		AGE		EN- 0		LC- 3		3 4 0		/		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					

R ASY      0.00      0.00      NO ASSAY DATA FOR THIS HOLE.

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA-STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 76ADH013	COLLAR ELEVATION: 1201.10	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 90.53	NORTHING( - IF S ): 7002518.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : NQ80	EASTING ( - IF W ): 436913.50	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	30.48	0.00	-51.00
2	60.96	0.00	-50.00

INTERVAL - CORE										T- %		TYPI- GAL		TEX- GRAIN		PGI		STRUCTUR-1		ALTERATION MINS		ORE-TYPE MINS		SUMMARY	
L (UNITS = , DEC.PLACE) RECOV-										M M ROCK		FYING MIN		TURES		CHARACS				H H H H H ANY H H H ANY		ALT ORE			
E A (MT=METRIC FT=FOOTRIC) ERY										O I		TM TM MAT		TX TX		F C % M ARG		/RI T ID STK DIP		A A A A A MIN A A A MIN		- - - -			
Y G F R O M - T O - I N T ( . )										D X TYPE		1 2 QM1		1 2 F F C A				1		AZM RT QZ FL CY CA BA XX PY CP GL YY		A 1 A 2			
- - - - - . - - - - . - - - - . - - - - . - - - - .										- - - - -		- - - - -		- - - - -		- - - - -		- - - - -		- - - - -		- - - - -		- - - - -	
K F										ROCK FM RT		TM QM2		TX TX		S C O O CHT		T ID STK DIP		MG MU CL SD QS HA PR MT SL HA					
E L										QUAL AGE EN- Q LC- 3		3 4 O		/		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					

R SVY	0.00	0.00	CO-ORDS ENTERED ON LOGGING SHEET ARE WRONG. SURVEY TABLE USED.
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/	0.00	17.68	17.68	MISS	P
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K UM1	17.68	17.68	0.00
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/	17.68	22.25	4.57	MISS	P
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K LM1	22.25	22.25	0.00
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7	22.25	90.53	68.28	MISS	P
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1951





A MIN			-0.05	0.18	-0.1	-0.1	-0.1	-0.1	-0.1	-0.47
A MAX	17.68	23.77	0.58	8.05	1.75	0.04	-0.1	-0.1	-0.1	10.13

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PR-ZN-AG-BR STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :77-DH021	COLLAR ELEVATION: 1193.10	AZIMUTH( DEG ) : 1.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 171.91	NORTHING(- IF S): 7002455.00	VERTICAL ANGLE : -71.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 436916.44	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	15.24	10.25	-70.50
2	30.48	10.25	-69.50
3	60.96	16.25	-68.00
4	76.20	19.25	-67.50
5	91.44	19.25	-67.00
6	106.88	22.00	-65.50
7	121.92	24.75	-64.50
8	137.16	25.25	-64.50
9	152.40	26.75	-64.50
10	167.64	27.25	-64.00

F	- I N T E R V A L -	CORE	I- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY											
K	L (UNITS = . DEC.PLACE)RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS		H	H	H	H	H	ANY	H	H	ANY	ALT	ORE						
E	A (MT=METRIC FT=FOOTRIC)	ERY	Q I	TM	TM	MAT	TX TX F C % M ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	- - - -		
Y	G F R O M - T O - I N T ( . )	D X	TYPE	1	2	QM1	1 2 F F C A		1	AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2
-----																									
K	F	ROCK	FM	RT	TM	QM2	TX TX S C O O CHT		T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA			
E	L	QUAL	AGE	EN- Q	LC- 3		3 4 O /		2	AZM	RT	H	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	A	A	A	2	2	

R SVY 0.00 0.00 ALL SPERRY SUN SURVEY DATA.

/	0.00	125.36	125.36		MISS		P
K UM1	125.36	125.36	0.00				
/	125.36	147.83	22.47		MISS		P
K LM1	147.83	147.83	0.00				
/	147.83	171.91	24.08		MISS		P

DRILLHOLE/TRAVERSE --- 77-DH021 --- (CONTINUED)

A UMM				SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB				SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP				NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH					WA	WA	WA	WA	WA	WA	WA	WA	

R ASY 0.00 0.00 B.CLG = BONDAR CLEGS, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 LESS THAN DETECTION LIMIT ENTERED AS -D.L. E.G. -0.01

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	122.32	125.36	207	6002	0.02	0.07	1.12	0.03	-0.1	-0.1	-0.1	-0.01	0.93
A 001	125.36	125.91	33	6003	1.18	4.13	0.03	0.09	-0.1	-0.1	-0.1	0.01	5.14
A 001	125.91	126.34	16	6004	1.75	7.15	0.02	0.09	-0.1	-0.1	-0.1	0.02	8.73
A 001	126.34	127.53	46	6005	0.80	3.00	0.10	0.03	-0.1	-0.1	-0.1	0.01	3.64
A 001	127.53	128.47	71	6006	1.50	6.85	0.02	0.06	-0.1	-0.1	-0.1	0.02	8.15
A 001	128.47	128.93	24	6007	0.02	0.88	0.02	0.04	-0.1	-0.1	-0.1	-0.01	0.65
A 001	128.93	129.42	26	6008	1.98	6.45	0.02	0.10	-0.1	-0.1	-0.1	0.02	8.27
A 001	129.42	129.84	17	6009	1.23	7.45	-0.01	0.08	-0.1	-0.1	-0.1	0.02	8.47
A 001	129.84	130.15	9	6010	0.46	4.55	-0.01	0.05	-0.1	-0.1	-0.1	0.01	4.76
A 001	130.15	130.97	25	6011	2.80	9.10	-0.01	0.07	-0.1	-0.1	-0.1	0.02	11.68
A 001	130.97	131.92	54	6012	4.80	16.80	-0.01	0.14	-0.1	-0.1	-0.1	0.04	21.47
A 001	131.92	132.28	26	6013	2.90	10.10	-0.01	0.08	-0.1	-0.1	-0.1	0.02	12.79
A 001	132.28	133.81	124	6014	2.47	11.80	0.01	0.02	-0.1	-0.1	-0.1	0.02	14.02
A 001	133.81	135.58	155	6015	2.26	12.70	0.02	0.04	-0.1	-0.1	-0.1	0.02	14.74
A 001	135.58	136.40	72	6016	3.23	18.10	0.01	0.06	-0.1	-0.1	-0.1	0.03	21.13
A 001	136.40	137.59	105	6017	2.25	11.00	0.03	0.03	-0.1	-0.1	-0.1	0.02	13.03
A 001	137.59	138.38	71	6018	1.92	7.21	-0.01	0.04	-0.1	-0.1	-0.1	0.01	8.87
A 001	138.38	139.39	95	6019	1.75	7.65	-0.01	0.04	-0.1	-0.1	-0.1	0.01	9.14
A 001	139.39	139.75	36	6020	2.15	6.10	0.02	0.04	-0.1	-0.1	-0.1	0.01	8.02
A 001	139.75	140.51	76	6021	0.93	5.34	-0.01	0.02	-0.1	-0.1	-0.1	0.01	5.99
A 001	140.51	140.90	39	6022	0.47	4.38	0.01	0.04	-0.1	-0.1	-0.1	0.01	4.61
A 001	140.90	142.04	114	6023	3.38	13.90	0.03	0.06	-0.1	-0.1	-0.1	0.01	17.08
A 001	142.04	142.52	48	6024	2.40	13.70	0.01	0.09	-0.1	-0.1	-0.1	0.01	15.91
A 001	142.52	143.16	64	6025	2.05	8.80	8.36	0.03	-0.1	-0.1	-0.1	0.01	18.95
A 001	143.16	143.96	80	6026	1.53	5.20	42.80	0.03	-0.1	-0.1	-0.1	0.01	49.27
A 001	143.96	145.48	136	6027	2.10	13.40	0.86	0.07	-0.1	-0.1	-0.1	0.01	16.14
A 001	145.48	146.04	32	6028	0.61	6.40	4.08	0.08	-0.1	-0.1	-0.1	-0.01	10.86
A 001	146.04	147.22	66	6029	0.54	9.30	0.03	0.08	-0.1	-0.1	-0.1	0.01	9.66
A 001	147.22	147.83	34	6030	0.11	3.09	2.87	0.06	-0.1	-0.1	-0.1	-0.01	5.82
R ASY	125.36	147.83		MAIN ORE ZONE INTERVAL.									
A 001	147.83	150.88	277	6031	0.05	1.28	2.42	0.06	-0.1	-0.1	-0.1	-0.01	3.50
A 001	150.88	153.47	225	6032	0.08	2.65	0.32	0.05	-0.1	-0.1	-0.1	-0.01	2.79
A 001	153.47	154.08	56	6033	0.27	8.00	0.43	0.10	-0.1	-0.1	-0.1	-0.01	8.49
A 001	154.08	154.53	41	6034	0.04	0.62	0.43	0.06	-0.1	-0.1	-0.1	-0.01	0.84
A 001	154.53	154.84	30	6035	0.31	5.10	0.60	0.15	-0.1	-0.1	-0.1	0.01	5.87
A 001	154.84	157.87	290	6036	0.04	0.85	1.00	0.11	-0.1	-0.1	-0.1	-0.01	1.69

A MIN		0.02	0.07	-0.01	0.02	-0.1	-0.1	-0.1	-0.01	-0.21
A MAX	122.32 157.87	4.80	18.10	42.80	0.15	-0.1	-0.1	-0.1	0.04	65.59

MINED BY R.B.F.

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :77-DH022	COLLAR ELEVATION: 1275.69	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : HDG +
TOTAL DEPTH/LENGTH : 263.96	NORTHING(- IF S): 7002545.00	VERTICAL ANGLE : -72.00	DATE (YY/MM/DD): 810726
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 436651.62	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	15.24	358.75	-75.00
2	30.48	359.25	-75.00
3	45.72	359.25	-72.00
4	76.20	5.25	-71.00
5	106.68	12.25	-69.75
6	137.16	17.25	-68.25
7	167.64	18.25	-67.00
8	198.12	21.75	-66.00

F - I N T E R V A L -	CORE T- %	TYPI- QAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K L (UNITS = . DEC.PLACE)RECOV-	M M ROCK	FYING MIN	TURES CHARACS			H H H H H ANY H H H ANY	ALT ORE	
E A (MT=METRIC FT=FOOTRIC) ERY	O I	TM TM MAT	TX TX F C % M ARG	/RI T ID	STK DIP	A A A A A MIN A A A MIN	- - - -	
Y G F R O M - T O - I N T ( . )	D X TYPE	1 2 QM1	1 2 F F C A	1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2		
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K F	ROCK FM RT	TM QM2	TX TX S C O O CHT	T ID	STK DIP MG MU CL SD QS HA PR MT SL HA			
E L	DUAL AGE EN- Q LC- 3	3	4 0 /	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		

R SVY 0.00 0.00 ALL SURVEYS WERE DONE WITH SPERRY-SUN EQUIPMENT.

/ DVB 0.00 4.33 4.33 OVER P

L

/ CON 4.33 20.60 16.27 ARSI SC LM 1 3 = 3 P I LM 57 L\*

L				3	8		
R	4.33	20.60	SAND BANDS ARE PYRITIC, INCREASING TO 10% NEAR THE BASE OF THE				
R	4.33	20.60	UNIT.				

/ CON	20.60	25.90	5.30	BRHT	LO7 P		
L				3	KN1	**	

R	20.60	25.90	PYRITE IS PRIMARILY FOUND AS A REPLACEMENT MINERAL IN CHERT				
R	20.60	25.90	FRAGMENTS.				

/ CON	25.90	29.18	3.28	BRHT	LP4 P	D*	
L				3	LM2		

/ CON	29.18	34.45	5.27	CGBR	SN2 G1	MO2 P	V)	D*
L				6	5	C LO4		
R	29.18	34.45	SMALL SAND SIZED ANGULAR CHERT FRAGMENTS, OCCUR INTERSTITIALLY					
R	29.18	34.45	TO LARGER CHERT AND ARGILLITE FRAGMENTS.					

/	29.18	30.78	1.60	7 SAND	G: RD 1 3 7 5	R 2 BD	U52 >=	D*
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L				7	8	C		
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## DRILLHOLE/TRVERSE --- 77-DH022 --- (CONTINUED)

[illegible]

/ CON	34.45	38.10	3.65	SAND	G: BD 1 3 8 5	P 2 BD	U50 V+	D*
L				7	8			
/	35.88	36.82	0.94	8 CGBR	SN3 G:	KN=	R	D.
L				6	4	C K06		
/	37.30	37.50	0.20	9 CGBR	SN3	K02	R	D.
L				6	4	C KN4		
/ CON	38.10	41.15	3.05	BRHT	* S)	LP5	P	**
L				2	2 )	KP1		
/ CON	41.15	48.07	6.92	BRHT		NS5	P	D)
L				4	2	KN4		
/	41.15	41.90	0.75	8 ARSN	SN4 LM	1 3 4 4	R 1 LM	59
L				4	SII	7		D.
K M/D	48.07	48.07	0.00					
/	48.07	49.80	1.73	SAND	G: BD 1 3 8 5	P 3 BD	70	D*
L				6	) 7			
/ CON	49.80	63.38	13.58	BRHT	G:	MS7	P	*)
L				3	2	KP2		
/ CON	63.38	71.92	8.54	BRHM		LR7	P	*(
L				2	2	JM=		
/ CON	71.92	76.31	4.39	BRHT	ND	LR6	P	**
L				3	2	KN2		
/	72.77	72.95	0.18	X BRHT PY	ND	LR6	R	#4
L				3	2	KN2		
/ CON	76.31	80.77	4.46	CGBR	SN4	KP2	P	*)
L				5	5	C K04		
/ CON	80.77	85.65	4.88	BRHT		LP4	P	*)
L				4	2	LN2		
R	80.77	85.65	PYRITE OCCURS AS A REPLACEMENT MINERAL IN CHERT FRAGMENTS. MANY					
R	80.77	85.65	OF THE CHERT FRAGMENTS APPEAR TO HAVE A LIGHT SILICIOUS LAYER					
R	80.77	85.65	ON THEIR OUTSIDE BORDER.					
/ CON	85.65	90.22	4.57	BRHM		MS9	P	**
L				3	3	JL)		
R	85.65	90.22	PYRITE OCCURS IN THE SANDSTONE LAMINATIONS WITHIN THE ARSI					
R	85.65	90.22	FRAGMENTS.					
/ CON	90.22	99.82	9.60	ARGL CR	LM	1 2 + 2	P 0 LM	55
L				1	9			L(













## DRILLHOLE/TRAVERSE --- 77-DH022 --- (CONTINUED)

A UMM	SAMPLE			% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH	
A LAB	SERIAL			B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG		
A TYP	NUMBER			H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE		
A MTH	WA			WA	WA	WA	WA	WA	WA	WA	WA		
R ASY	0.00	0.00	B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.										
R ASY	0.00	0.00	WA = WET ANALYSIS.										
R ASY	0.00	0.00	NO ASSAY INFORMATION ENTERED AS -0.1										
A 001	168.55	170.08	107	6128	0.02	0.06	0.68	-0.1	-0.1	-0.1	-0.1	-0.1	0.26
A 001	170.08	170.99	73	6129	0.01	0.04	0.46	-0.1	-0.1	-0.1	-0.1	-0.1	0.01
A 001	170.99	172.52	140	6130	0.02	0.03	0.95	-0.1	-0.1	-0.1	-0.1	-0.1	0.50
A 001	188.98	190.50	152	6037	0.04	0.80	0.02	-0.1	-0.1	-0.1	-0.1	-0.1	0.36
A 001	190.50	192.02	119	6038	0.06	0.90	0.06	-0.1	-0.1	-0.1	-0.1	-0.1	0.52
A 001	192.02	193.55	142	6039	0.06	0.28	0.07	-0.1	-0.1	-0.1	-0.1	-0.1	-0.09
A 001	193.55	195.07	152	6040	0.48	3.15	0.01	-0.1	-0.1	-0.1	-0.1	-0.1	3.14
A 001	195.07	196.60	153	6041	0.40	2.23	0.03	-0.1	-0.1	-0.1	-0.1	-0.1	2.16
A 001	196.60	198.12	152	6042	0.11	0.74	0.01	-0.1	-0.1	-0.1	-0.1	-0.1	0.36
A 001	198.12	199.64	152	6043	0.23	1.55	0.01	-0.1	-0.1	-0.1	-0.1	-0.1	1.29
A 001	199.64	201.17	153	6044	0.28	2.40	0.01	-0.1	-0.1	-0.1	-0.1	-0.1	2.19
A 001	201.17	201.78	61	6045	0.16	1.25	0.03	-0.1	-0.1	-0.1	-0.1	-0.1	0.94
A 001	201.78	202.39	61	6046	0.84	3.10	0.05	-0.1	-0.1	-0.1	-0.1	-0.1	3.49
A 001	202.39	203.91	152	6047	1.05	2.30	0.05	-0.1	-0.1	-0.1	-0.1	-0.1	2.90
A 001	203.91	204.52	61	6048	3.00	17.50	0.05	0.11	-0.1	-0.1	-0.1	-0.1	20.26
A 001	204.52	206.04	152	6049	5.10	19.30	0.03	0.99	-0.1	-0.1	-0.1	-0.1	25.02
A 001	206.04	207.36	103	6050	4.10	14.40	0.04	0.29	-0.1	-0.1	0.01	-0.1	18.54
A 001	207.36	208.79	134	6051	2.10	8.50	0.02	0.04	-0.1	-0.1	-0.1	-0.1	10.26
A 001	208.79	209.70	91	6152	0.98	13.40	0.10	-0.1	-0.1	-0.1	-0.1	-0.1	13.98
A 001	209.70	211.53	183	6053	0.76	10.00	0.09	-0.1	-0.1	-0.1	-0.1	-0.1	10.35
A 001	211.53	213.36	183	6054	0.42	5.00	0.07	-0.1	-0.1	-0.1	-0.1	-0.1	4.99
A 001	213.36	215.04	145	6055	0.25	8.00	0.08	-0.1	-0.1	-0.1	-0.1	-0.1	7.83
A 001	215.04	216.10	106	6056	0.62	15.15	0.07	-0.1	-0.1	-0.1	-0.1	-0.1	15.34
A 001	216.10	216.65	55	6057	0.82	20.40	0.04	-0.1	-0.1	-0.1	-0.1	-0.1	20.76
A 001	216.65	217.02	37	6058	0.82	10.30	0.04	-0.1	-0.1	-0.1	-0.1	-0.1	10.66
A 001	217.02	218.02	98	6059	0.67	18.80	0.03	-0.1	-0.1	-0.1	-0.1	-0.1	19.00
A 001	218.02	219.46	138	6060	0.06	0.51	0.03	-0.1	-0.1	-0.1	-0.1	-0.1	0.10
A 001	224.94	225.86	88	6061	0.02	0.10	0.15	-0.1	-0.1	-0.1	-0.1	-0.1	-0.23
A 001	225.86	226.77	84	6062	0.02	0.04	0.25	-0.1	-0.1	-0.1	-0.1	-0.1	-0.19
A 001	226.77	227.69	90	6063	0.02	0.08	0.26	-0.1	-0.1	-0.1	-0.1	-0.1	-0.14
A 001	235.61	237.28	147	6131	0.02	0.03	0.78	-0.1	-0.1	-0.1	-0.1	-0.1	0.33
A 001	237.28	238.05	49	6132	0.02	0.03	0.62	-0.1	-0.1	-0.1	-0.1	-0.1	0.17
A 001	238.05	238.20	15	6133	1.08	5.95	0.22	-0.1	-0.1	-0.1	-0.1	-0.1	6.75
A 001	238.20	239.73	138	6134	0.02	0.05	0.75	-0.1	-0.1	-0.1	-0.1	-0.1	0.32
A CMP	203.91	218.02	1350		1.67	12.35	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	13.42

A MIN		0.01	0.03	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.56
A MAX	168.55 239.73	5.10	20.40	0.78	0.99	-0.1	-0.1	-0.1	-0.1	26.87

RECEIVED BY N/E

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

JASON PB-ZN-AG-BA STF DEPOSIT YUKON

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 77-DH023	COLLAR ELEVATION: 1290.15	AZIMUTH( DEG ) : 185.00	GEOLOGGED BY : HJV +
TOTAL DEPTH/LENGTH : 128.02	NORTHING(- IF S): 7002778.00	VERTICAL ANGLE : -70.00	DATE (YY/MM/DD): 810624
CORE/HOLE DIAMETER : 80	EASTING (- IF W): 436185.44	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	15.24	186.25	-69.00
2	30.48	186.25	-68.75
3	45.72	185.75	-68.50
4	60.96	185.75	-68.25
5	91.44	185.25	-66.25
6	121.92	185.25	-66.00

[illegible]

K	E	F	-	I	N	T	R	V	A	L	=	CORE	T-	%	TYPI-	DAL	TEX-	GRAIN		PGI	STRUCTUR=1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY						
L	(UNITS = . DEC.PLACE)	RECUV-													MIN	TURES	CHARACS			H	H	H	H	H	ANY	H	H	H	ANY	ALT ORE		
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O	I										TM TM MAT TX TX F C % M ARG /RI T ID STK DIP A A A A A MIN A A A A MIN - - - -																	
Y	G	F R O M - T O - I N T ( . )	D X TYPE	1	2 QM1	1	2 F F C A												1	AZM RT QZ FL CY CA BA XX PY CP GL YY A 1 A 2												
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	F		ROCK	FM	RT		TM QM2 TX TX S C O O CHT												T	ID STK DIP MG MU CL SD QS HA PR MT SL HA												
E	L		QUAL	AGE	EN- Q LC- 3		3 4 0 /												2	AZM RT H H 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 A A 2 2											

/	DVB	0.66	4.88	4.88		OVER		P												
/	L	4.88	13.70	8.82		SAND 7A	SF *B1	4 2	4 	4	P	V*							LI D-	
/	FLT L	13.70	15.54	1.84		SAND 7A	SF *B1	0 2	3 	2 	3	P	V*						LI D-	
/	R LIT	15.54	41.76	26.22		ARSL SA CR	SN2 LM			BK	P	2 BD 1	59 V)						LI L- L-	
		15.54	41.76		SAND BANDS ARE YELLOWISH COLORED THROUGHOUT.															
/	L	41.76	58.22	16.46		BRPM 4A				DB 2	NP2 NO1	P								
R		41.76	58.22		FROM 56.08 TO 58.22 LARGE BOULDER OF ARGL VERY DARK GRAY COLORED															
/	L	58.22	82.97	24.75		BRHT 7A				FO SC BS 2	PR2 NO1	P		V*					D*	
		81.40	81.70	0.30		X SAND 5A	SI2	4	4	4	R	BD	D73							
R		81.40	81.70		BOUMA SEQUENCE IS AB,A															
/	LSX L	82.97	119.73	36.76		SULF BA 6A SF		LM ND	LC	2	2	2	P	1 BD 2	68 L1				L5 L)	





A UMM				SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB				SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP					H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH					WA	WA	WA	WA	WA	WA	WA	WA	

R ASY	0.00	0.00		B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.									
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R ASY	0.00	0.00		WA = WET ANALYSIS.									
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R ASY	0.00	0.00		NO ASSAY INFORMATION ENTERED AS -0.1									
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A 001	82.30	82.91	061	6064	0.04	0.20	3.15	-0.1	-0.1	-0.1	-0.1	-0.1	2.89
A 001	82.91	84.12	121	6065	0.08	0.18	7.53	-0.1	-0.1	-0.1	-0.1	-0.1	7.29
A 001	84.12	85.34	122	6066	0.24	7.15	14.74	-0.1	-0.1	-0.1	-0.1	-0.1	21.63
A 001	85.34	86.26	090	6067	0.28	10.00	21.48	-0.1	-0.1	-0.1	-0.1	-0.1	31.26
A 001	86.26	87.78	152	6068	0.19	7.80	18.10	-0.1	-0.1	-0.1	-0.1	-0.1	25.59
A 001	87.78	88.39	061	6069	0.30	7.30	39.57	-0.1	-0.1	-0.1	-0.1	-0.1	46.67
A 001	88.39	89.92	153	6070	0.37	3.93	46.62	-0.1	-0.1	-0.1	-0.1	-0.1	50.42
A 001	89.92	91.44	124	6071	0.25	3.95	47.17	-0.1	-0.1	-0.1	-0.1	-0.1	50.87
A 001	91.44	92.96	147	6072	0.73	2.75	47.08	-0.1	-0.1	-0.1	-0.1	-0.1	50.06
A 001	92.96	94.49	151	6073	1.00	3.65	46.92	-0.1	-0.1	-0.1	-0.1	-0.1	51.07
A 001	94.49	96.01	149	6074	1.25	2.50	48.77	-0.1	-0.1	-0.1	-0.1	-0.1	52.02
A 001	96.01	97.54	148	6075	0.92	3.30	45.99	-0.1	-0.1	-0.1	-0.1	-0.1	49.71
A 001	97.54	99.06	152	6076	0.82	3.67	47.02	-0.1	-0.1	-0.1	-0.1	-0.1	51.01
A 001	99.06	100.58	150	6077	0.54	2.83	48.27	-0.1	-0.1	-0.1	-0.1	-0.1	51.14
A 001	100.58	102.11	145	6078	0.40	6.40	44.00	-0.1	-0.1	-0.1	-0.1	-0.1	50.30
A 001	102.11	103.63	144	6079	0.50	3.80	47.72	-0.1	-0.1	-0.1	-0.1	-0.1	51.52
A 001	103.63	105.40	154	6080	0.66	2.60	44.80	-0.1	-0.1	-0.1	-0.1	-0.1	47.56
A 001	105.40	106.68	108	6081	0.98	4.27	38.92	-0.1	-0.1	-0.1	-0.1	-0.1	43.67
A 001	106.68	108.20	141	6082	0.46	2.85	45.06	-0.1	-0.1	-0.1	-0.1	-0.1	47.87
A 001	108.20	109.58	128	6083	1.04	2.05	44.63	-0.1	-0.1	-0.1	-0.1	-0.1	47.22
A 001	109.58	111.25	152	6084	1.10	2.10	45.04	-0.1	-0.1	-0.1	-0.1	-0.1	47.74
A 001	111.25	112.78	125	6085	0.26	0.21	27.07	-0.1	-0.1	-0.1	-0.1	-0.1	27.04
A 001	112.78	114.30	140	6086	1.22	3.23	45.67	-0.1	-0.1	-0.1	-0.1	-0.1	49.62
A 001	114.30	116.13	150	6087	0.39	3.25	40.03	-0.1	-0.1	-0.1	-0.1	-0.1	43.17
A 001	116.13	117.35	100	6088	0.55	3.25	26.85	-0.1	-0.1	-0.1	-0.1	-0.1	30.15
A 001	117.35	118.87	134	6089	0.43	4.51	35.29	-0.1	-0.1	-0.1	-0.1	-0.1	39.73
A 001	118.87	119.73	086	6090	0.74	5.10	42.28	-0.1	-0.1	-0.1	-0.1	-0.1	47.62
A 001	119.73	121.01	123	6091	0.36	1.20	2.73	-0.1	-0.1	-0.1	-0.1	-0.1	3.79
A 001	121.01	121.61	058	6092	0.17	0.24	3.06	-0.1	-0.1	-0.1	-0.1	-0.1	2.97
A 001	121.61	122.53	088	6093	0.82	2.75	5.94	-0.1	-0.1	-0.1	-0.1	-0.1	9.01
A 001	122.53	122.83	029	6094	1.45	4.85	2.40	-0.1	-0.1	-0.1	-0.1	-0.1	8.20
A 001	122.83	123.44	058	6095	0.15	0.42	2.54	-0.1	-0.1	-0.1	-0.1	-0.1	2.61
A 001	123.44	124.97	153	6096	0.22	2.40	5.59	-0.1	-0.1	-0.1	-0.1	-0.1	7.71
A MAX	82.30	124.97			1.45	10.00	48.27	-0.1	-0.1	-0.1	-0.1	-0.1	59.22

A MIN				0.04	0.18	2.40	-0.1	-0.1	-0.1	-0.1	-0.1	2.12
A CMP	84.12	88.39	427	0.24	8.00	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	7.64
A CMP	88.39	119.73	2889	0.69	3.29	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.38
A CMP	119.73	124.97	512	0.41	1.84	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.65
A CMP	84.12	119.73	3318	0.63	3.90	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.93

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R	65.52	66.22	PEBBLE SIZE ANGULAR FRAGMENTS.									
/	66.22	67.82	1.60	BRHT	*C=		MQ5	P			D=	
L				5A	SI=	3	LN3					
/	67.82	99.06	31.24	BRHT	SN= SS SC		MQ7	P			L*	
L				4A	*C* F*		K0+					
/	67.82	99.06	31.24	1 BRHT	SN= F* B*		MQ5	R			R(	
L				6A	*C= R*		K02					
R	67.82	99.06	THE INTERVAL CONTAINS SEVERAL LARGE ARSI FRAGMENTS RANGING UP TO									
R	67.82	99.06	2.5 METERS. BEDDING IN THESE FRAGMENT VARIES FROM 30 TO 90%.									
R	67.82	99.06	THE UNIT ALSO CONTAINS SEVERAL FRAGMENTS OF BRHT.									
/	99.06	101.31	2.25	BRHT	SN= R* F*		LP4	P			R)	
L				5A	*C1 H* SS 3	+	K02					
/ SHR	99.06	99.80	0.74	X BRHT GR CR	SN= R* F*		LP4	R			R)	
L				4A	*C1 H* SS 3	+	K02					
R	99.06	101.31	THERE IS APPROX 2.5% SAND FRAGMENTS									
/	101.31	104.85	3.54	SAND	SN5 BS BD 0 4 2 0		P	2 BD	U45 <(	C*	D*	
L				6A	SI1 SS FU 5				D=			
R	101.31	104.85	THE INTERVAL IS LOCALLY A BRPM.									
/ FAL	104.45	104.85	0.40	X SAND GR CR GGS			R				C)	
L				3A								
X M/C	104.85	104.85	0.00									
/	104.85	106.53	1.68	SAND	SN7 BS BD 0 4 1 N		P	2 BD	U70 V)	L=	D)	
L				6A	SI1 SS FU 5				D)			
R	104.85	106.53	THIS MARKER BED WAS PICKED BY K.L.LU. AT 106.37 METERS. WE FIND									
R	104.85	106.53	PYRO-BITUMEN IN BRECCIA FILLING. THERE IS HEMATITE COATINGS ON									
R	104.85	106.53	FRACTURE/SHEAR SURFACES.									
/	106.53	110.00	3.47	ARSI CR	SN+ BD CU		P	3 BD	55 <*	C=	R(	
L				3A	SI=							
/ SHR	106.53	107.95	1.42	X ARSI GR SF	SN+ BD CU		R	3 BD	55 <*	C=	R(	
L				3A CR SI=								
R	106.53	110.00	THE ARSI CONTAINS SEVERAL BANDS OF COARSE SAND RANGING UP TO 8									
R	106.53	110.00	CMS. THESE BANDS SHOW COARSING UPWARD WHICH POSSIBLE INDICATES									
R	106.53	110.00	A LARGE FRAGMENT. THE UNIT IS SOMEWHAT SILICIFIED TOWARDS THE									
R	106.53	110.00	TOP AND CARBONEOUS TOWARDS THE BASE.									
/	110.00	110.85	0.85	SAND SD	SN8 BS BD 0 4 1 L		P	2 BD	45 <=		D)	
L				7A	SI1 FU 6				D+			
R	110.00	110.85	POSSIBLE FRAGMENT.									
/	110.50	110.85	0.25	X ARSI	SI= BD		R	2 BD	45			
L				3A	SN+							









[illegible]

A UMM				SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB				SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP					H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH					WA	WA	WA	WA	WA	WA	WA	WA	

R ASY	0.00	0.00			R.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.								
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R ASY	0.00	0.00			WA = WET ANALYSIS.								
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R ASY	0.00	0.00			NO ASSAY INFORMATION ENTERED AS -0.1								
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A 001	246.89	248.41	152	6097	0.16	0.95	3.38	-0.1	-0.1	-0.1	-0.1	-0.1	3.99
A 001	248.41	249.42	101	6098	0.26	1.30	2.37	-0.1	-0.1	-0.1	-0.1	-0.1	3.43
A 001	249.42	250.55	109	6099	1.50	3.75	1.74	-0.1	-0.1	-0.1	-0.1	-0.1	6.49
A 001	250.55	251.46	089	6100	1.50	3.67	49.05	-0.1	-0.1	-0.1	-0.1	-0.1	53.72
A 001	251.46	252.68	109	6101	0.55	3.71	45.23	-0.1	-0.1	-0.1	-0.1	-0.1	48.99
A 001	252.68	254.51	149	6102	0.92	4.40	47.47	-0.1	-0.1	-0.1	-0.1	-0.1	52.29
A 001	254.51	255.73	121	6103	1.32	3.08	53.00	-0.1	-0.1	-0.1	-0.1	-0.1	56.90
A 001	255.73	257.56	181	6104	0.95	3.40	51.93	-0.1	-0.1	-0.1	-0.1	-0.1	55.78
A 001	257.56	259.08	150	6105	0.74	2.40	51.11	-0.1	-0.1	-0.1	-0.1	-0.1	53.75
A 001	259.08	260.60	149	6106	0.50	2.00	48.40	-0.1	-0.1	-0.1	-0.1	-0.1	50.40
A 001	260.60	262.13	151	6107	0.51	2.40	41.30	-0.1	-0.1	-0.1	-0.1	-0.1	43.71
A 001	262.13	263.65	152	6108	0.44	3.85	46.53	-0.1	-0.1	-0.1	-0.1	-0.1	50.32
A 001	263.65	265.18	138	6109	0.55	2.33	50.48	-0.1	-0.1	-0.1	-0.1	-0.1	52.86
A 001	265.18	266.70	119	6110	0.64	2.60	49.74	-0.1	-0.1	-0.1	-0.1	-0.1	52.48
A 001	266.70	268.22	140	6111	0.40	2.90	45.27	-0.1	-0.1	-0.1	-0.1	-0.1	48.07
A 001	268.22	269.75	135	6112	0.54	2.75	52.38	-0.1	-0.1	-0.1	-0.1	-0.1	55.17
A 001	269.75	271.27	131	6113	0.57	2.83	50.15	-0.1	-0.1	-0.1	-0.1	-0.1	53.05
A 001	271.27	272.80	129	6114	0.60	3.05	50.72	-0.1	-0.1	-0.1	-0.1	-0.1	53.87
A 001	272.80	274.32	140	6115	0.98	2.72	48.74	-0.1	-0.1	-0.1	-0.1	-0.1	51.94
A 001	274.32	275.91	159	6116	0.43	4.03	45.00	-0.1	-0.1	-0.1	-0.1	-0.1	48.96
A 001	275.91	277.28	137	6117	0.43	7.80	3.91	-0.1	-0.1	-0.1	-0.1	-0.1	11.64
A 001	277.28	278.28	100	6118	0.22	8.80	3.34	-0.1	-0.1	-0.1	-0.1	-0.1	11.86
A 001	278.28	279.59	131	6119	0.10	4.70	5.93	-0.1	-0.1	-0.1	-0.1	-0.1	10.23
A 001	279.59	280.87	124	6120	0.08	2.05	5.32	-0.1	-0.1	-0.1	-0.1	-0.1	6.95
A 001	280.87	282.18	131	6121	0.19	3.83	3.68	-0.1	-0.1	-0.1	-0.1	-0.1	7.20
A 001	282.18	283.16	098	6122	0.80	12.60	8.17	-0.1	-0.1	-0.1	-0.1	-0.1	21.07
A 001	283.16	284.84	137	6123	0.57	9.80	2.61	-0.1	-0.1	-0.1	-0.1	-0.1	12.48
A 001	284.84	286.97	195	6124	0.04	0.20	1.19	-0.1	-0.1	-0.1	-0.1	-0.1	0.93
A 001	286.97	288.04	107	6125	0.03	0.16	1.08	-0.1	-0.1	-0.1	-0.1	-0.1	0.77
A 001	288.04	289.09	079	6126	0.02	0.05	0.62	-0.1	-0.1	-0.1	-0.1	-0.1	0.19
A MAX	246.89	289.09			1.50	12.60	53.00	-0.1	-0.1	-0.1	-0.1	-0.1	66.60

## DRILLHOLE/TRVERSE --- 77-DH024 --- (CONTINUED)

[illegible]







[illegible]







A UMM	SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB	SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP		H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH		WA	WA	WA	WA	WA	WA	WA	WA	

R ASY 0.00 0.00 B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY 0.00 0.00 WA = WET ANALYSIS.

R ASY 0.00 0.00 NO ASSAY INFORMATION ENTERED AS -0.1

A 001	216.40	218.39	190	6135	0.01	0.05	4.43	-0.1	-0.1	-0.1	-0.1	-0.1	3.99
A 001	218.39	218.69	030	6136	0.03	0.53	8.71	-0.1	-0.1	-0.1	-0.1	-0.1	8.77
A 001	218.69	219.61	092	6137	1.80	10.20	0.42	-0.1	-0.1	-0.1	-0.1	-0.1	11.92
A 001	219.61	220.31	070	6138	0.83	7.15	29.45	-0.1	-0.1	-0.1	-0.1	-0.1	36.93
A 001	220.31	220.98	067	6139	0.59	9.10	8.92	-0.1	-0.1	-0.1	-0.1	-0.1	18.11
A 001	220.98	222.50	146	6140	0.48	7.45	42.43	-0.1	-0.1	-0.1	-0.1	-0.1	49.86
A 001	222.50	223.42	092	6141	0.20	6.65	42.49	-0.1	-0.1	-0.1	-0.1	-0.1	48.84
A 001	223.42	224.70	128	6142	0.41	4.62	46.59	-0.1	-0.1	-0.1	-0.1	-0.1	51.12
A 001	224.70	225.80	106	6143	0.69	4.45	48.33	-0.1	-0.1	-0.1	-0.1	-0.1	52.97
A 001	225.80	226.77	087	6144	0.54	3.65	49.72	-0.1	-0.1	-0.1	-0.1	-0.1	53.41
A 001	226.77	227.50	066	6145	0.51	2.75	40.87	-0.1	-0.1	-0.1	-0.1	-0.1	43.63
A 001	227.50	228.11	056	6146	0.85	3.08	45.43	-0.1	-0.1	-0.1	-0.1	-0.1	48.86
A 001	228.11	229.51	129	6147	0.48	2.85	46.28	-0.1	-0.1	-0.1	-0.1	-0.1	49.11
A 001	229.51	230.12	061	6148	1.00	2.80	43.00	-0.1	-0.1	-0.1	-0.1	-0.1	46.30
A 001	230.12	231.65	153	6149	1.15	6.00	38.90	-0.1	-0.1	-0.1	-0.1	-0.1	45.55
A 001	231.65	232.14	049	6150	4.00	11.10	1.18	1.39	-0.1	-0.1	-0.1	-0.1	17.27
A 001	232.14	232.32	018	6151	3.60	11.50	2.04	1.34	-0.1	-0.1	-0.1	-0.1	18.08
A 001	232.32	232.56	024	6152	0.52	0.15	2.03	-0.1	-0.1	-0.1	-0.1	-0.1	2.20
A 001	232.56	234.07	151	6153	0.03	0.52	4.72	-0.1	-0.1	-0.1	-0.1	-0.1	4.77
A MAX	216.40	234.07			4.00	11.50	49.72	1.39	-0.1	-0.1	-0.1	-0.1	66.21

A MIN				0.01	0.05	0.42	1.34	-0.1	-0.1	-0.1	-0.1	1.42
A CMP	218.69	223.42	471	0.75	8.02	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	8.17
A CMP	223.42	230.12	637	0.58	3.54	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.52
A CMP	230.12	232.32	220	1.99	7.59	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	8.98

11/17/78  
BY RBF

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-7N-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 77-DH026	COLLAR ELEVATION: 1168.21	AZIMUTH( DEG ) : 342.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 283.16	NORTHING(- IF S): 7002397.00	VERTICAL ANGLE : -77.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HD	EASTING (- IF W): 437029.62	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	18.29	333.25	-72.00
2	30.78	333.25	-72.00
3	45.72	336.25	-72.00
4	61.26	341.25	-71.00
5	97.84	350.25	-70.00
6	122.22	355.25	-69.00
7	152.70	3.25	-67.50
8	182.88	6.25	-65.50
9	213.36	13.25	-62.00
10	241.09	17.25	-57.00
11	280.42	19.25	-55.00

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY							
K	L	(UNITS =	.	DEC.PLACE)	RECOV	-	M	M	ROCK	F	YING	MIN	TURES	CHARACS																						
E	A	(MT=METRIC FT=FOOTRIC)	ERY	O	I		TM	TM	MAT	TX	TX	F	C	%	M	ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	MIN	-	-	-	-		
Y	G	F	R	O	M	-	T	O	-	I	N	T	(	.	)	D	X	TYPE	1	2	QM1	1	2	F	F	C	A									
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
K	F						ROCK	FM		RT		TM	QM2	TX	TX	S	C	U	O	CHT		1	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA	
E	L						QUAL	AGE	EN	=	O	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					STRUCTUR	=2	A	A	A	A	A	A	A	A	A	A	2	2

R SVY 0.00 0.00 SPERRY SUN TESTS.

/ 0.00 247.95 247.95 MISS P

K UM1 247.95 247.95 0.00

/ 247.95 257.25 9.30 MISS P

K LM1 257.25 257.25 0.00

/ 257.25 283.16 25.91 MISS P



A MIN		0.05	0.10	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.45
A MAX	235.31 266.55	2.30	19.80	11.02	-0.1	-0.1	-0.1	-0.1	-0.1	32.62

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PR-ZN-AG-BA STE DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : 78-DH027	COLLAR ELEVATION: 1213.26	AZIMUTH( DEG ) : 360.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 221.28	NORTHING(= IF S): 7002476.00	VERTICAL ANGLE : -70.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (= IF W): 436828.69	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	9.15	356.00	-70.00
2	21.94	355.00	-69.50
3	50.44	359.00	-69.00
4	91.46	15.00	-68.00
5	121.95	22.00	-64.00
6	152.44	24.00	-62.00
7	182.93	23.00	-59.50
8	213.41	27.00	-59.50

F	- I N T E R V A L -	CORE	T= %	TYPE=	QUAL	TEX=	GRAIN		PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K	L (UNITS = . DEC.PLACE)	RECOV=	M M	ROCK	FYING	MIN	TURES	CHARACS			H H H H H	AANY	H H H ANY	ALT	ORE
E	A (MT=METRIC FT=FOOTRIC)	ERY	O I		TM TM	MAI TX TX	F C % M	ARG	/RI	T ID STK DIP	A A A A A	MIN	A A A MIN	- - - -	
Y	G F R O M - T O - I N T ( . )	D X TYPE	1	2 QM1	1	2 F F C A				1 AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2				
-	---	---	---	---	--	---	--	---	---	---	---	---	---	---	---
K	F	ROCK	FM	RT	TM QM2	TX TX	S C O O	CHT		T ID STK DIP MG MU CL SD QS HA PR MT SL HA					
E	L	QUAL	AGE EN=	Q LC= 3		3 4 0	/			2 AZM RT H H H H H H H H H H					
Y	G	DESIG	VIR	COL			R	C		STRUCTUR-2	A A A A A A A A A A				

R SVY	0.00	0.00	SPERRY SUN TESTS.
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/	0.00	195.24	195.24	MISS
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K	UM1	195.24	195.24	0.00
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/	195.24	209.95	14.71	MISS
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K LM1	209.95	209.95	0.00
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/	209.95	221.28	11.33	MISS
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A MIN		0.05	0.11	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.44
A MAX	193.24 218.00	2.92	13.40	52.20	-0.1	-0.1	-0.1	-0.1	-0.1	68.02

DRILLING BY R.B.F.

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

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH028	COLLAR ELEVATION: 1155.67	AZIMUTH( DEG ) : 350.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 367.28	NORTHING(- IF S): 7002337.00	VERTICAL ANGLE : -72.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 437109.81	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	15.24	359.00	-69.50
2	30.48	2.00	-70.50
3	45.72	360.00	-70.50
4	60.96	359.00	-70.00
5	91.44	10.00	-68.00
6	121.92	16.00	-66.50
7	152.40	26.00	-65.00
8	182.88	33.50	-62.00
9	213.36	35.50	-59.00
10	243.84	40.00	-57.00
11	274.32	42.00	-53.00
12	306.80	40.00	-49.00
13	365.76	45.00	-39.50

F - I N T E R V A L -		CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K L (UNITS = . DEC.PLACE)RECOV-		M M	ROCK	FYING	MIN	TURES	CHARACS							
E A (MT=METRIC FT=FOOTRIC)		ERY	O I	TM	TM	MAT	TX TX F C % M ARG	/RI	T ID	STK	DIP	A A A A A MIN	A A A A MIN	- - - -
Y G F R O M - T O - I N T ( . )		D X	TYPE	1	2	QM1	1 2 F F C A		1	AZM	RT QZ	FL CY CA BA XX	PY CP GL YY	A 1 A 2
-----														
K F		ROCK	FM	RT	TM	QM2	TX TX S C O O CHT		T ID	STK	DIP	MG MU CL SD QS	HA PR MT SL HA	
E L		QUAL	AGE	EN- Q	LC- 3		3 4 0 /		2	AZM	RT 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			2 2

R SVY 0.00 0.00 SPERRY SUN TESTS.

/	0.00	307.00	307.00		MISS		P
K UM1	307.00	307.00	0.00				
/	307.00	312.30	5.30		MISS		P
K LM1	312.30	312.30	0.00				
/	312.30	367.28	54.98		MISS		P

A UMM												
A LAB	SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD			
A TYP	SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG			HASH
A MTH	NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE			
		WA	WA	WA	WA	WA	WA	WA	WA			

R ASY    0.00    0.00    B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY    0.00    0.00    WA = WET ANALYSIS.

R ASY    0.00    0.00    NO ASSAY INFORMATION ENTERED AS -0.1

A 001	306.60	307.00	34	12294	0.07	1.23	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.70
A 001	307.00	309.10	210	12295	0.28	5.95	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	5.63
A 001	309.10	310.00	80	12296	0.11	1.00	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.51
A 001	310.00	312.30	230	12297	0.29	4.45	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	4.14
A 001	312.30	313.30	60	12342	0.06	1.50	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.96
R ASY	312.30	313.30											
A CMP	306.60	313.30	622		0.22	3.82	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.44

GEOCHEM ANALYSIS.

Printed by ABF

A MIN		0.06	1.23	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.69
A MAX	306.60 313.30	0.28	5.95	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	5.63

PRINTED BY H.B.F.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH029	COLLAR ELEVATION:        1286.88	AZIMUTH( DEG ) :    180.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    91.14	NORTHING(= IF S):    7002528.00	VERTICAL ANGLE :    -50.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :    HQ	EASTING (= IF W):    436463.19	CO-ORD SYSTEM :     UTM	PROJECT NUMBER : J-S

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	91.14	174.00	-42.00

F	- I N T E R V A L -	CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR=1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K L	(UNITS = . DEC.PLACE)	RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS		H H H H H	ANY	H H H	ANY	ALT ORE
E A	(MT=METRIC FT=FOOTRIC)	ERY	O I		TM TM	MAT	TX TX	F C % M	ARG	/RI T	ID	STK	DIP	A A A A A MIN A A A MIN - - - -
Y G	F R O M - T O - I N T ( . )	D X	TYPE	1	2	QM1	1	2	F F C A	1	AZM	RT	QZ	FL CY CA BA XX PY CP GL YY A 1 A 2
-----														
K F		ROCK	FM	RT	TM	QM2	TX TX	S C U O	CHT	T	ID	STK	DIP	MG MU CL SD QS HA PR MT SL HA
E L		QUAL	AGE	EN- 0	LC- 3		3	4	0	/	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 A 2 2

R SVY    0.00    0.00    SPERRY-SUN TESTS.

R ASY    0.00    0.00    NO ASSAY RESULTS FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-7N-AG-8A STF DEPOSIT YUKON

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH030	COLLAR ELEVATION:        1261.76	AZIMUTH( DEG ) :    177.00	GEOLOGGED BY : PCH +
TOTAL DEPTH/LENGTH :    257.56	NORTHING(- IF S):    7002417.00	VERTICAL ANGLE :    -51.00	DATE (YY/MM/DD): 811031
CORE/HOLE DIAMETER :    HQ	EASTING (- IF W):    436480.56	CO-ORD SYSTEM :    UTM	PROJECT NUMBER : J-S1

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	15.24	166.00	-50.00
2	30.48	166.00	-49.50
3	60.96	169.00	-48.50
4	91.44	168.00	-48.00
5	121.92	166.50	-47.00
6	152.40	170.00	-44.17
7	192.88	172.00	-42.75
8	213.36	169.00	-41.17
9	257.56	170.00	-40.00

R HED                                    ORIGINALLY LOGGED BY DR K.I.LU - J.D ROWE IN JUNE 1978

R HED                                    78-DH030 SOUTH ZONE DISCOVERY HOLE!

R HED                                    TARGET: THE TARGET WAS SELECTED ON THE BASIS OF GEOLOGICAL AND

R HED                                    GEOCHEMICAL INTERPRETATION. EVIDENCE OF MULTIPLE

R HED                                    SULPHIDE DEPOSITIONAL EVENTS WAS OBSERVED IN 77-DH020

R HED                                    GALENA FRG'S WERE NOTED IN SLUMP BRECCIAS. ANOMALOUS BA/

R HED                                    PB GEOCHEM VALUES FROM BECKER OVERBURDEN PROFILES ALSO

R HED                                    INDICATED A SECOND SOURCE OTHER THAN THE MAIN ZONE

R HED                                    HORIZON. THESE RESULTS INFLUENCED THE PLANNING OF THE

R HED                                    1978 EXPLORATORY DRILLING PROGRAM, SUCCESSFULLY PROVING

R HED                                    THE EXISTENCE OF A NEW ZONE(COMMUNICATIONS WITH DR.K.LU)

R HED RESULTS: THE MINERALIZED ZONE WAS ENCOUNTERED FROM 183.93 M TO

R HED 186.05M

R HED TRUE THICKNESS: 1.8M

R HED WEIGHTED AVERAGES: 3.75% PB

R HED 21.26% ZN

R HED 1.70 OZ/T AG

R HED AVERAGE CORE RECOVERY- 94.6%

R HED

R HED MINERALIZATION:

R HED

R HED THE ORE ZONE CONSISTS OF MASSIVE SPHALERITE, PYRITE + GALENA

R HED WITH RICHEST CONCENTRATIONS IN THE UPPER PART OF THE ZONE. THE

R HED LOWER PART OF THE ZONE IS MORE LAMINATED WITH A HIGHER CHERT,

R HED ARGILLITE CONTENT. THE ENTIRE ZONE IS CHARACTERIZED BY SOFT

R HED SEDIMENT DEFORMATION FEATURES

R HED

R HED GEOLOGICAL CORRELATIONS:

R HED

R HED A DEBRIS FLOW MEGASEQUENCE (DF) HAS BEEN IDENTIFIED FROM 57.25

R HED TO 132.36M THESE MASS FAILURE DEPOSITS APPEAR TO BE THE RESULT

R HED OF EPISODIC SEISMIC SHOCKS REACTIVATING THE SCARP MARGIN, IN

R HED CONTRAST TO THE QUIESCENT SULFIDE POOLING ENVIRONMENT IN PLACE

R HED BEFORE DISTURBANCE

R HED

R HED THE FOLLOWING CORRELATIONS IN FOOTWALL ALTERATION STRATIGRAPHY

R HED BETWEEN DDH 30 & 41 ARE OBSERVED

G E O L O G

R HED

R MED

004 30

DDH 41

R HED

195.90-199.35M

123.30-126.40M

R HED

199.35-203.50M

118.67-123.30M

R HED

R HED

203.50-224.90M

82-30-118-87M

INTERVAL - CORE										T- %		TYPI- QAL		TEX- GRAIN		PGI		STRUCTUR-1		ALTERATION MINS					ORE-TYPE MINS		SUMMARY	
L (UNITS = . DEC.PLACE) RECOV-										M M ROCK		FYING MIN		TURES CHARACS						H H H H H ANY H H H ANY					ALT ORE			
E A (MT=METRIC FT=FOOTRIC) ERY										O I		TM TM MAT		TX TX F C % M		ARG /RI		T ID STK DIP		A A A A A MIN A A A MIN					- - - -			
Y G FROM - TO - INT ( . )										D X TYPE		1 2 QM1		1 2 F F C A				1		AZM RT QZ FL CY CA BA XX PY CP GL YY		A 1 A 2						
K F										ROCK FM RT		TM QM2		TX TX S C O O		CHT		T ID STK DIP		MG MU CL SD QS HA PR MT SL HA								
E L										QUAL AGE EN- Q LC- 3		3 4 O		/		2		AZM RT 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					2 2							

R SVY	0.00	0.00	ALL SPERRY SUN SURVEY DATA.
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/	DVB	0.00	16.50	16.50	OVER	P
---	-----	------	-------	-------	------	---

/	16.50	24.38	7.88	BRHT	NS8	P
---	-------	-------	------	------	-----	---

L 5A C M01

/ FRG	20.50	23.40	2.90	X ARSN	SN2	R 1 LM
-------	-------	-------	------	--------	-----	--------

480

/	24.38	28.35	3.97	BRHM	MO9	P
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L 5A 2 LNE

/	28.35	39.60	11.25	ARSI	SI1 LM	P 1 LM
---	-------	-------	-------	------	--------	--------

/	30.00	30.00	0.00	X ARSI	SI1 LM	R 1 BD	37
---	-------	-------	------	--------	--------	--------	----

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/	30.40	33.25	2.85	X BRHM	MN9	R	N)
---	-------	-------	------	--------	-----	---	----

100

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

7	SRB	33.23	33.30	0.23	X ARSI
1					5N

1	30 60	30 60	0 00	Y ARSI	ST1 LM	R 1 RD	U33
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7	34.59	34.59	0.00	A	ANCI	911	LP	R	1	00	03E
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37.90	37.90	0.00	X ARSI	SI1 LM	R 1 BD	38
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/	39.60	50.90	11.30	BRHM	N09	P
---	-------	-------	-------	------	-----	---

L	5A	C LL+
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39.60	50.90	STRONG CLEAVAGE; HIGHLY SHEARED
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/ CON	50.90	57.25	6.35	ARSI	SS1 LM	P	1 LM	47	LI D+
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\_\_\_\_\_ D+

4	50.40	57.25	LOCAL DISTURBED BEDDING FEATURES
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7	52.60	52.60	0.00	X ARSI	SSI LM	X	1 BD	38	LI 0+
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/	106.10	110.20	4.10	BRPM			006	P
				7.0	3	0.123		



[illegible]



A UMM				SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB				SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP					H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH					WA	WA	WA	WA	WA	WA	WA	WA	

R ASY    0.00    0.00    B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY    0.00    0.00    WA = WET ANALYSIS.

R ASY    0.00    0.00    NO ASSAY INFORMATION ENTERED AS -0.1

A 001	181.50	183.93	111	12332	0.30	0.31	-0.1	0.14	-0.1	-0.1	-0.1	-0.1	0.25
A 001	183.93	185.32	125	12333	3.80	26.05	-0.1	1.88	-0.1	-0.1	-0.1	-0.1	31.23
A 001	185.32	185.81	049	12334	4.80	15.20	-0.1	1.69	-0.1	-0.1	-0.1	-0.1	21.19
A 001	185.81	186.05	024	12335	1.29	5.93	-0.1	0.72	-0.1	-0.1	-0.1	-0.1	7.44
A 001	186.05	187.91	165	12336	0.06	0.06	-0.1	0.07	-0.1	-0.1	-0.1	-0.1	-0.31
A MAX	181.50	187.91	474		4.80	26.05	-0.1	1.88	-0.1	-0.1	-0.1	-0.1	32.13

A MIN				0.06	0.06	-0.1	0.07	-0.1	-0.1	-0.1	-0.1	-0.21
A CMP	183.93	186.05	198	3.75	21.26	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	24.41

DRILLING BY RBF



G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH032	COLLAR ELEVATION: 1240.15	AZIMUTH( DEG ) : 180.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 121.92	NORTHING(- IF S): 7002334.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 436489.19	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-S

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	177.00	-52.00
2	60.96	173.00	-49.00
3	91.44	170.00	-44.00
4	121.92	170.00	-44.00

F - I N T E R V A L -										CORE	T- %	TYPI- QAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K L (UNITS = . DEC.PLACE)RECOV- M M ROCK FYING MIN TURES CHARACS																H H H H H ANY H H H ANY	ALT ORE	
E A (MT=METRIC FT=FOOTRIC) ERY O I TM TM MAT TX TX F C % M ARG /RI T ID STK DIP																A A A A A MIN A A A MIN	- - - -	
Y G F R O M - T O - I N T ( . ) D X TYPE 1 2 QM1 1 2 F F C A																1 AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2	
K F										ROCK	FM	RT	TM QM2 TX TX S C O O CHT			T ID STK DIP MG MU CL SD QS HA PR MT SL HA		
E L										QUAL	AGE EN- O LC- 3		3 4 0 /			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	

R SVY 0.00 0.00 ALL TESTS DONE WITH SPERRY SUN.

R ASY 0.00 0.00 NO ASSAYS OF "ORE" ZONE IN THIS HOLE.



G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH033	COLLAR ELEVATION:        1246.31	AZIMUTH( DEG ) :    180.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    154.53	NORTHING(- IF S):    7002368.00	VERTICAL ANGLE :    -62.00	DATE (YY/MM/DD):        0
CORE/HOLE DIAMETER :       HQ	EASTING (- IF W):    436380.75	CO-ORD SYSTEM :       UTM	PROJECT NUMBER : J-S

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	172.00	-64.00
2	60.96	176.00	-63.00
3	91.44	179.00	-62.00
4	121.92	179.00	-62.00
5	152.40	179.00	-61.00

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY		
K	L	(	U	N	I	T	S	=			DEC	.	P	L	A	C	E														
E	A	(	M	T	=	M	E	T	R	I	C	F	T	=	F	O	O	T	R	I	C										
Y	G	F	R	O	M	-	T	O	-	I	N	T	(	.	)	O	X	T	Y	P	E										
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
K	F																														
E	L																														
Y	G																														

R	SVY	0.00	0.00	SPERRY SUN TESTS.
R	ASY	0.00	0.00	NO ASSAYS FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 78-DH034	COLLAR ELEVATION: 1202.97	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : BHO +
TOTAL DEPTH/LENGTH : 154.22	NORTHING( - IF S): 7002168.00	VERTICAL ANGLE : -55.00	DATE (YY/MM/DD): 811014
CORE/HOLE DIAMETER : HQ	EASTING ( - IF W): 436587.19	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	6.00	-56.00
2	60.96	9.00	-56.00
3	91.44	12.00	-54.00
4	121.92	13.00	-53.00
5	152.40	16.00	-52.00

R HED

ORIGINALLY LOGGED BY J.D. ROWE, JULY, 1978.

INTERVAL - CORE										T- %		TYPE- QAL		TEX- GRAIN		PGI		STRUCTUR-1		ALTERATION MINS		ORE-TYPE MINS		SUMMARY			
L (UNITS = . DEC.PLACE) RECOV-										M M ROCK		FYING MIN		TURES CHARACS				H H H H H ANY H H H ANY				ALT ORE					
E A (MT=METRIC FT=FOOTRIC) ERY										O I		TM TM MAT		TX TX F C % M ARG		/RI T ID STK DIP		A A A A A MIN A A A MIN				- - - -					
Y G F R O M - T O - I N T ( . )										D X TYPE		1 2 QM1		1 2 F F C A		1 AZM RT QZ FL CY CA BA XX PY CP GL YY				A 1 A 2							
K F										ROCK		FM		RT		TM QM2		TX TX S C O O CHT		T ID STK DIP		MG MU CL SD QS HA PR MT SL HA					
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		STRUCTUR-2		A A A A A A A A A A				2 2			

R SVY      0.00      0.00      SPERRY SUN TEST RESULTS.

/ OVB	0.00	24.38	24.38	OVER	P
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/	24.38	69.76	45.38	ARGL	SI+ LM	0 1 + 1	P 1 LM	65 <=	C.	L+ <.	<.
L				3A CR			CV	30	<*		<.

R	24.38	69.76	SIDERITE, QUARTZ-SIDERITE VEINS RANGE UP TO 1CM. THEY CONTAIN
R	24.38	69.76	TRACES OF THE ABOVE MINERALS. THESE VEINS OCCUR BETWEEN 27.00
R	24.38	69.76	TO 32.00 METERS, 39.00 TO 41.00 METERS AND 68.00 TO 69.00
R	24.38	69.76	PYRITE LAMINATIONS AVERAGE A WIDTH OF 1 TO 2MM. CARBONEOUS
R	24.38	69.76	LOCALLY.

/	SHR	33.53	69.76	36.23	X	ARGL	GR	CR	SI+	LM	0	1	+	1	R	1	LM	65	<	C.	L+	<	<
---	-----	-------	-------	-------	---	------	----	----	-----	----	---	---	---	---	---	---	----	----	---	----	----	---	---

R	33.53	69.76	THE WHOLE INTERVAL APPEARS TO BE SHEARED AND FRACTURED. THE
R	33.53	69.76	ZONE BETWEEN 40.15 AND 59.59 METERS IS BROKEN UP THE MOST. IN
R	33.53	69.76	PLACES THE CORE IS BROKEN UP TO A RUBBLE, PEBBLE SIZE FRAGMENTS.
R	33.53	69.76	AXIAL PLANE CLEAVAGE IS WILL DEFINED THROUGHOUT THE INTERVAL.

/	69.76	78.14	8.38	ARSI	SI = LM	0 2 = J	P 2 BD	60 <.	C.	L)	<.
L				3A	SN)	SS			<*		<.

R	69.76	78.14	THE SOFT SEDIMENT DEFORMATION FEATURE OCCURS WEAR THE BASE OF
R	69.76	78.14	THE INTERVAL. THE BEDDING ANGLE VARIES FROM 50' TO 70'.
R	69.76	78.14	POSSIBLE DUE TO MINOR SLUMPING.





[illegible]

A UMM		SAMPLE	% PB	% ZN	% BA	OZ AG	% CU	% FE	OZ AU	% CD	HASH
A LAB		SERIAL	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	B.CLG	
A TYP		NUMBER	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	H-CORE	
A MTH			WA	WA	WA	WA	WA	WA	WA	WA	

R ASY    0.00    0.00    B.CLG = BONDAR CLEGG, VANCOUVER; H-CORE = HALF CORE.

R ASY    0.00    0.00    WA = WET ANALYSIS.

R ASY    0.00    0.00    NO ASSAY INFORMATION ENTERED AS -0.1

A 001	77.20	78.20	92	12379	0.22	0.04	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.34
A 001	78.20	79.20	100	12380	0.34	0.56	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.30
A 001	79.20	80.20	97	12381	2.50	1.65	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.55
A 001	80.20	81.20	72	12382	0.26	0.15	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.19
A 001	81.20	82.20	100	12383	0.16	4.28	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.84
A 001	82.20	83.20	86	12384	2.25	0.53	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.18
A 001	83.20	84.20	96	12385	2.20	0.15	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	1.75
A CMP	79.20	84.20	447		1.47	1.35	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.22

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A MIN		0.16	0.04	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.40
A MAX	77.20 84.20	2.50	4.28	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	6.18

WATER BY ANALYSIS

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :78-DH035	COLLAR ELEVATION:        1171.55	AZIMUTH( DEG ) :    272.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    133.20	NORTHING(- IF S):    7002646.00	VERTICAL ANGLE :    -51.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :       HQ	EASTING (- IF W):    437132.37	CO-ORD SYSTEM :       UTM	PROJECT NUMBER : J=MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	288.00	-52.00
2	60.96	290.00	-50.00
3	91.44	288.00	-48.00
4	121.92	285.50	-47.00

F	- I N T E R V A L -	CORE	T- %	TYPI-	QAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY	
K	L (UNITS = . DEC.PLACE)	RECDV-	M M	ROCK	FYING	MIN	TURES	CHARACS		H	H	H	H	H ANY	H H H ANY ALT ORE
E	A (MT=METRIC FT=FOOTRIC)	ERY	O I	TM	TM	MAT	TX TX	F C % M ARG	/RI T ID	STK	DIP	A A A A	A MIN	A A A MIN	- - - -
Y	G F R O M - T O - I N T ( . )	D X	TYPE	1	2	QM1	1 2	F F C A	1	AZM	RT	QZ	FL	CY CA	BA XX PY CP GL YY A 1 A 2
-----															
K	F	ROCK	FM	RT	TM	QM2	TX TX	S C O O	CHT	T ID	STK	DIP	MG	MU	CL SD QS HA PR MT SL HA
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		STRUCTUR-2	A	A	A A	A A A A	A A A A 2 2

R SVY	0.00	0.00	SPERRY SUN SURVEY TESTS.
R ASY	0.00	0.00	NO ASSAYS THIS HOLE.



G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH036	COLLAR ELEVATION:        1157.45	AZIMUTH( DEG ) :    269.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    230.13	NORTHING(- IF S):    7002644.00	VERTICAL ANGLE :    -51.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :     HQ	EASTING (- IF W):    437263.06	CO-ORD SYSTEM :     UTM	PROJECT NUMBER : J=MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	284.00	-46.50
2	60.96	286.00	-42.00
3	91.44	284.00	-39.00
4	121.92	287.00	-36.50
5	152.40	286.00	-35.00
6	182.88	285.50	-32.50
7	213.36	282.00	-32.00
8	230.13	281.00	-31.50

F - I N T E R V A L - CORE T- %										PGI		STRUCTUR-1 ALTERATION MINS ORE-TYPE MINS SUMMARY														
K L (UNITS = . DEC.PLACE)RECOV- M M ROCK FYING MIN TURES CHARACS										H H H H H ANY H H H ANY ALT ORE																
E A (MT=METRIC FT=FOOTRIC) ERY O I TM TM MAT TX TX F C % M ARG /RI T ID STK DIP										A A A A A MIN A A A MIN - - - -																
Y G F R O M - T O - I N T ( . ) D X TYPE 1 2 QM1 1 2 F F C A										1	AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2
-----										---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
K F ROCK FM RT TM QM2 TX TX S C O O CHT										T	ID	STK	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA			
E L QUAL AGE EN- Q LC- 3 3 4 O /										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 A										2	2					

R SVY	0.00	0.00	SPERRY SUN TEST RESULTS
R ASY	0.00	0.00	NO ASSAY RESULTS FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BASIF DEPOSIT, Y.T.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE :78-DH037	COLLAR ELEVATION: 1158.98	AZIMUTH( DEG ) : 90.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 54.86	NORTHING(- IF S): 7002644.00	VERTICAL ANGLE : -50.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 437249.31	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
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1	30.48	89.00	-48.00
2	54.86	84.00	-46.00

F - I N T E R V A L -	CORE T- %	TYPI- QAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K L (UNITS = . DEC.PLACE)RECOV- M M ROCK	FYING MIN	TURES	CHARACS		H H H H H	ANY H H H ANY	ALT ORE	
E A (MT=METRIC FT=FOOTRIC) ERY O I	TM TM MAT	TX TX F C % M ARG	/RI T ID	STK DIP	A A A A A	MIN A A A MIN	- - - -	
Y G F R O M - T O - I N T ( . ) D X TYPE	1 2 QM1	1 2 F F C A		1	AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2		
-----								
K F	ROCK FM RT	TM QM2 TX TX S C O O CHT		T ID	STK DIP MG MU CL SD QS HA PR MT SL HA			
E L	QUAL AGE EN- Q LC- 3	3 4 O /		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		

R SVY	0.00	0.00	SPERRY SUN TEST RESULTS.
R ASY	0.00	0.00	NO ASSAY RESULTS FROM THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-ZN-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :78-DH038	COLLAR ELEVATION:        1155.26	AZIMUTH( DEG ) :    344.00	GEOLOGGED BY :        +
TOTAL DEPTH/LENGTH :    30.40	NORTHING(- IF S):    7002540.00	VERTICAL ANGLE :    -55.00	DATE (YY/MM/DD):       0
CORE/HOLE DIAMETER :     HQ	EASTING (- IF W):    437185.37	CO-ORD SYSTEM :     UTM	PROJECT NUMBER : J-MAIN

F	-	I	N	T	E	R	V	A	L	-	CORE	T	-	%	TYPI	-	QAL	TEX	-	GRAIN	PGI	STRUCTUR	-1	ALTERATION	MINS	ORE	-TYPE	MINS	SUMMARY																																		
K	L	(UNITS =	.	DEC	PLACE)	RECOV	-	M	M	ROCK	F	Y	I	N	G	M	I	N	T	U	R	E	S	C	H	A	R	A	C	S																																	
E	A	(MT=METRIC	FT=FOOTRIC)	ERY		O	I			T	M	M	A	T	T	X	T	X	F	C	%	M	A	R	G	/R	I	T	I	D	S	T	K	D	I	P	A	A	A	A	A	A	M	I	N	A	A	A	M	I	N	-	-	-	-								
Y	G	F	R	O	M	-	T	O	-	I	N	T	(	.	)	D	X	T	Y	P	E	1	2	Q	M	1	1	2	F	F	C	A	1	A	Z	M	R	T	Q	Z	F	L	C	Y	C	A	B	A	X	X	P	Y	C	P	G	L	Y	Y	A	1	A	2	
-----																																																															
K	F									ROCK	F	M			R	T			T	M	Q	M	2	T	X	T	X	S	C	O	O	C	H	T	1	I	D	S	T	K	D	I	P	M	G	M	U	C	L	S	D	Q	S	H	A	P	R	M	T	S	L	H	A
E	L									Q	U	A	L		A	G	E	E	N	-	Q	L	C	-	3			3	4	0		/				2	A	Z	M	R	T	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	1	1					
Y	G									D	E	S	I	G		V	I	R		C	O	L						R		C						2	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	2	2								

R SVY    0.00    0.00    NO DOWN HOLE SURVEY.

R ASY    0.00    0.00    NO ASSAY RESULTS FOR THIS HOLE.

G E O L O G   E D I T   L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.  
JASON PB-7N-AG-BA STF DEPOSIT, Y.T.

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE : 78-DH039	COLLAR ELEVATION: 1156.61	AZIMUTH( DEG ) : 164.00	GEOLOGGED BY : +
TOTAL DEPTH/LENGTH : 68.58	NORTHING(- IF S): 7002563.00	VERTICAL ANGLE : -45.00	DATE (YY/MM/DD): 0
CORE/HOLE DIAMETER : HQ	EASTING (- IF W): 437179.81	CO-ORD SYSTEM : UTM	PROJECT NUMBER : J-MAIN

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	30.48	159.00	-42.00
2	45.72	156.00	-42.00
3	68.58	156.00	-41.00

F - I N T E R V A L -		CORE	I- %	TYPI- QAL		TEX- GRAIN	PGI	STRUCTUR-1		ALTERATION				MINS	ORE-TYPE				MINS	SUMMARY				
K	L (UNITS = . DEC.PLACE)	RECOV-	M M	ROCK	FYING	MIN	TURES	CHARACS			H	H	H	H	H	ANY	H	H	H	ANY	ALT	ORE		
E	A (MT=METRIC FT=FOOTRIC)	ERY	O I		TM	TM	MAT	TX TX F C % M ARG	/RI	T	ID	STK	DIP	A	A	A	A	A	MIN	A	A	A	MIN	- - - -
Y	G F R O M - T O - I N T ( . )	D X	TYPE		1	2	QM1	1 2 F F C A		1		AZM	RT	QZ	FL	CY	CA	BA	XX	PY	CP	GL	YY	A 1 A 2
- - - - - . -																								

R SVY 0.00 0.00 SPERRY SUN TEST RESULTS.



A MIN		0.02	0.10	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.48
A MAX	29.50 47.75	0.45	8.28	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	8.13

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