Well 6004/16-1

Well information

Well number	6004/16-1
Location	Offshore, South East of Faroe Islands
Longitude	04° 54´58.196´´ W
Latitude	60° 22´28.186´´ N
UTM Zone	30
Spheroid	WGS84
Datum	ETRS89
Well blok no.	6004/16
Reference point	KB 26.5 m above MSL
Wather depth	974.5 m below MSL
TD log	4275 m
TD drill	4274 m below KB
The well is	Vertical
Spud date	20 September 2001
Completed	10 December 2001
Spud classification	Exploration
Status (completion)	Plug and Abandoned
License	L001
Operator	Amarada Hess
Rig	Sovereign Explorer

Reports

1. Schlumberger. PVT Laboratory Study Report. April 2002.

2. Heavy mineral data from Well 6004716-1Z, Faroes sector, Faroe-Shetland Basin.

3. Department of Earth Sciences, Open University. Ar-Ar Analysis of Ditch Cuttings from Dolerite sill – 6004/16-1Z well, Faroes.

4. Robertson Research International limited. Biostratigraphy of the Interval (1) 1492m-2259m TD and (1Z) 2354-4274 TD. March 2002.

5. Robertson Research International limited. Combined conventional core Analysis and Slabbed Core Photography Report. March 2001.

6. Robertson Research International Limited. Geochemical Evaluation of Oil Stained Cores 1 to 3 and MDT Water Samples. Vol. 1, February 2002.

7. Robertson Research International Limited. Geochemical Evaluation of Oil Stained Cores between 3455.17m and 3456.97m. Vol.2, February 2002.

8. Schlumberger. Marjun Prospect 6004716-1Z VSP Data Processing Report. February 2002. Data + Report.

9. Robertson Research International Limited. Maturity evaluation of the interval 1519m - 4271m in the 6004-16-1, 1z well, offshore Faroe Islands. August 2002.

10. Overview of CMR run on 6004-16-1z, Faroes. January 2002.

11. Processing, sedimentological and structural evaluation of FMI data acquired in the drilled T10 and T20 stratigraphy, 6004-16-1z, Marjun prospect.

12. HM Research Associates. Provenance of Paleocene sandstones in the Faroes sector and adjacent areas of the NE Atlantic: heavy mineral constraints. August 2002.

13. Geotrack. Thermal history reconstruction in offshore Faroes well 6004-16-1, using AFTA and Vitrinite Reflectance. July 2002.

14. Robertson Research International Limited. Well 6004-16-1z Faroes, Core and Spectral Gamma Correlation Study, Palaeocene T25-T36. August 2002.

15. Robertson Research International Limited. Well 6004-16-1z offshore Faroes, Core and Spectral Gamma Correlation Study, Palaeocene T10-T22. August 2002.

Analog logs

Composite Log (Pdf)

1. Composite Log

Analog well logs (Pds). Schlumberger.

1. HALS-DSI-PEX-NGT-ACTS (Resistivity-Sonic, 15-Nov-2001) Log interval: 3828-4272.7 m. Run no. 13a. Scale:1:500.

2. HALS-DSI-PEX-NGT-ACTS (Resistivity-Sonic, 15-Nov-2001). Log interval:

3828-4272.7 m. Run no. 13a. Scale:1:200.

3. DSI-HRLA-PEX-NGT-ACTS (Resistivity-Sonic, 22-Oct-2001). Log interval: 2218-3831.5 m. Run no. 4A. Scale:1:500.

4. DSI-HRLA-PEX-NGT-ACTS (Resistivity-Sonic, 22-Oct-2001). Log interval: 2218-3831.5 m. Run no.: 4A. Scale:1:200.

5. HALS-DSI-PEX-NGT-ACTS (Nuclear, 15 Nov-2001). Log interval: 3828-4272.7 m. Run no.: 13a. Scale:1:500.

6. PEX-GR-ATCS (Nuclear, 05 Nov-2001). Log interval: 3828-4159.8 m. Run no.: 9c. Scale:1:500.

7. DSI-HRLA-PEX-NGT-ACTS (Nuclear, 22-Oct-2001). Log interval: 2218-3831.5 m. Run no.: 4A. Scale:1:500.

8. HALS-DSI-PEX-NGT-ACTS (Nuclear, 15 Nov-2001). Log interval: 3828-4254 m. Run no.: 13a. Scale:1:200.

9. PEX-GR-ATCS (Nuclear, 05 Nov-2001). Log interval: 3828-4159.8 m. Run no.: 9c. Scale:1:200.

10. DSI-HRLA-PEX-NGT-ACTS (Nuclear, 22-Oct-2001). Log interval: 2218-3831.5 m. Run no.: 4A. Scale:1:200.

11. DSI-HRLA-PEX-NGT-ACTS (NGT Ratios, 22-Oct-2001). Log interval: 2218-3796.5 m. Run no.: 4A. Scale:1:500.

12. HALS-DSI-PEX-NGT-ACTS (NGT Ratios, 15 Nov-2001). Log interval: 3828-4245.1 m. Run no.: 13a. Scale:1:200.

13. DSI-HRLA-PEX-NGT-ACTS (NGT Ratios, 22-Oct-2001). Log interval: 2218-3796.5 m. Run no.: 4A. Scale:1:200.

14. DSI-HRLA-PEX-NGT-ACTS (MONOPOLE, 22-Oct-2001). Log interval: 2218-3821.5 m. Run no.: 4A. Scale:1:200.

15. MDT-GR-ACTS (MDT Samples, 19-Nov-2001). Log interval 4059.25-4157.4 m. Run no.: 13f. Scale:1:200.

16. MDT-GR-ACTS (MDT Samples, 18-Nov-2001). Log interval 4216.3-4255.5 m. Run no.: 13d. Scale:1:200.

17. MDT-GR-ACTS (MDT Samples, 19-Nov-2001). Log interval 4059.25-4157.4 m. Run no.: 13f. Scale:1:200.

18. MDT-GR-ACTS (MDT Samples, 18-Nov-2001). Log interval 4216.3-4255.5 m. Run no.: 6D. Scale:1:200.

19. MDT-GR-ACTS (MDT Pre-tests, 17-Nov-2001). Log interval 4059.5-4256.0 m.

Run no.: 13d. Scale:1:200.

20. MDT-GR-ACTS (MDT Pressure Tests, 15-Nov-2001). Log interval 4083-4220.3 m. Run no.: 13f. Scale:1:200.

21. MDT-GR-ACTS (MDT Pressure Tests, 17-Nov-2001). Log interval 4059.5-4256 m. Run no.: 13d. Scale:1:200.

22. MDT-GR-ACTS (MDT Pressure Tests, 20-Nov-2001). Log interval 4083-4220.3 m. Run no.: 13f. Scale:1:200.

23. MDT-GR (MDT Pre-Tests, 05-Nov-2001). Log interval 4058.1-4156.5 m. Run no.: 9d. Scale:1:200.

24. FMI-GR-ACTS (FMI Image, 16-Nov-2001). Log interval 3828-4274.6 m. Run no.: 13c. Scale:1:200.

25. FMI-GR-ACTS (FMI Dipmeter, 15-Nov-2001). Log interval 3828-4274.6 m. Run no.: 13c. Scale:1:200.

26. DSI-HRLA-PEX-NGT-ACTS (DIPOLES, 22-Oct-2001). Log interval 2218-3821.5 m. Run no.: 4A. Scale:1:200.

27. CST-PGGD (CST SAMPLES, 23-Oct-2001) Log interval 2238.1-3798.7 m. Run no.: 4C. Scale:1:200.

28. CMR-GR-ACTS (CMR, 16-Nov-2001) Log interval 3828-4273.2. Run no.: 13b. Scale:1:200.

29. CSI-GR-AMS (Zero Offset VSP, 19 Nov-2001) Log interval 3750-4260 m. Run no.: 6E.

Digital logs (LAS)

1. **6004-16-1 core_final: 3452.05-4203.65 m**

DEPTH	(M)
CPOR	(%)
GDEN	(G/C3)
PERMH	(MD)

2. **6004-16-1 core_gamma_final: 3452-4203.95 m**

DEPTH	(M)
CGS	(API)
K	(API)
TH	(API)
TOTAL_COUNT (API)	
U	(API)

3. **6004-16-1 dean_stark_final: 3455.22-3457.02 m**

DEPTH	(M)
CPOR	(%)
CSG	(%)
CSO	(%)
CSW	(%)
GDEN	(G/C3)
PERMH	(MD)

4. **6004-16-1 rab_run5_memory 1467.15-2258.11 m**

DEPTH	(M)
GRRAB	(GAPI)
RESBD	(OHMM)
RESBIT	(OHMM)
RESBM	(OHMM)
RESBS	(OHMM)
RESRING	(OHMM)
ROP5RM	(M/HR)

5. **6004-16-1z cmr_gr_run6b: 13104.5-14042 F**

DEPTH	(F)	:
BADF_CMR		
BADF_CMR		
BFV	(V/V)	
BFV	(V/V)	
BFV_MW	(V/V)	
BFV_MW	(V/V)	
BFV_MW_SIG	(V/V)	
BFV_MW_SIG	(V/V)	
BFV_SIG	(V/V)	
BFV_SIG	(V/V)	
BS	(IN)	
BS	(IN)	
CBF1	(V/V)	
CBF1	(V/V)	
CBF2	(V/V)	
CBF2	(V/V)	
CBF3	(V/V)	
CBF3	(V/V)	
CBF4	(V/V)	
CBF4	(V/V)	
CBF5	(V/V)	
CBF5	(V/V)	
CBF6	(V/V)	
CBF6	(V/V)	
CBF7	(V/V)	
CBF7	(V/V)	
CBP1	(V/V)	
CBP1	(V/V)	
CBP2	(V/V)	
CBP2	(V/V)	
CBP3	(V/V)	
CBP3	(V/V)	
CBP4	(V/V)	
CBP4	(V/V)	
CBP5	(V/V)	
CBP5	(V/V)	
CBP6	(V/V)	
CBP6	(V/V)	
CBP7	(V/V)	
CBP7	(V/V)	
CBP8	(V/V)	
CBP8	(V/V)	
CDF	(N)	
CDF	(N)	
CFF1	(V/V)	
CFF1	(V/V)	
CFF2	(V/V)	
CFF2	(V/V)	
CFF2	(V/V)	
CFF3	(V/V)	
CFF3	(V/V)	
CFF4	(V/V)	
CFF4	(V/V)	
CFF5	(V/V)	
CFF5	(V/V)	
CFF6	(V/V)	
CFF6	(V/V)	
CFF7	(V/V)	
CFF7	(V/V)	
CLOS	(M)	
CLOS	(M)	

CMFF	(V/V)
CMFF	(V/V)
CMFF_MW	(V/V)
CMFF_MW	(V/V)
CMFF_MW_SIG	(V/V)
CMFF_MW_SIG	(V/V)
CMFF_SIG	(V/V)
CMFF_SIG	(V/V)
CMRP_3MS	(V/V)
CMRP_3MS	(V/V)
CMRP_3MS_MW	(V/V)
CMRP_3MS_MW	(V/V)
CMR_GAIN.	
CMR_GAIN.	
CMR_PHI_CONV	
CMR_PHI_CONV	
CMR_RAW_PHI	(V/V)
CMR_RAW_PHI	(V/V)
CMR_SIG_PROC_S	
CMR_SIG_PROC_S	
CMR_TEMP	(DEGF)
CMR_TEMP	(DEGF)
CS	(F/MN)
CS	(F/MN)
CVEL	(FT/MIN)
CVEL	(FT/MIN)
CWEL	(DEG/M)
CWEL	(DEG/M)
DCAL	(IN)
DCAL	(IN)
DELTA_B0	(MT)
DELTA_B0	(MT)
DF	(LBF)
DF	(LBF)
DNPH	(V/V)
DNPH	(V/V)
EBSZ	(%)
EBSZ	(%)
ECGR	(GAPI)
ECGR	(GAPI)
ECHO_AMP_R	
ECHO_AMP_R	
ECHO_AMP_X	
ECHO_AMP_X	
ED	(M)
ELSZ	(%)
ELSZ	(%)
FCD	(IN)
FCD	(IN)
FREQ_OP	(KHZ)
FREQ_OP	(KHZ)
GAMMA	
GAMMA	
GDEV	(DEG)
GDEV	(DEG)
GR	(GAPI)
GR	(GAPI)
HDAR	(IN)
HDAR	(IN)
HTEM	(DEGC)
HTEM	(DEGC)
HWEC	(DEG/M)
HWEC	(DEG/M)
IPERM	(MDM)
IPERM	(MDM)
IPOR	(M)
IPOR	(M)
KSDR	(MD)
KSDR	(MD)
KTIM	(MD)
KTIM	(MD)
NCYT	(DEGC)

NCYT		(DEGC)
ND		(M)
ND		(M)
NOISE_ENV	(V/V)	
NOISE_ENV	(V/V)	
NOISE_FLAG		
NOISE_FLAG		
NOISE_PWR		
NOISE_PWR		
NOISE_TOOL	(V/V)	
NOISE_TOOL	(V/V)	
NOISE_TOOL_WSU		(V/V)
NOISE_TOOL_WSU		(V/V)
NO_UPDATE_COUN		
NO_UPDATE_COUN		
NPHI		(V/V)
NPHI		(V/V)
NPL		(V/V)
NPL		(V/V)
NPOR		(V/V)
NPOR		(V/V)
PHIE_HILT		(V/V)
PHIE_HILT		(V/V)
PXND_HILT	(V/V)	
PXND_HILT	(V/V)	
RGR		(GAPI)
RGR		(GAPI)
RHGX_HILT	(G/CM3)	
RHGX_HILT	(G/CM3)	
RMFA_HILT	(OHMM)	
RMFA_HILT	(OHMM)	
RO_HILT		(OHMM)
RO_HILT		(OHMM)
SPHASE		(DEG)
SPHASE		(DEG)
T2CUTOFF		(MS)
T2CUTOFF		(MS)
T2LM		(MS)
T2LM		(MS)
T2LM_MW		(MS)
T2LM_MW		(MS)
T2LM_MW_SIG	(MS)	
T2LM_MW_SIG	(MS)	
TCMR		(V/V)
TCMR		(V/V)
TCMR_MW		(V/V)
TCMR_MW		(V/V)
TCMR_MW_SIG	(V/V)	
TCMR_MW_SIG	(V/V)	
TCMR_SIG		(V/V)
TCMR_SIG		(V/V)
TENS		(LBF)
TENS		(LBF)
TNPH		(V/V)
TNPH		(V/V)
TNRA		
UMA_HILT		
UMA_HILT		
VCL_HILT		(V/V)
VCL_HILT		(V/V)

6. 6004-16-1z_cmr_gr_run6b_1: 13104.667-14042 F

DEPTH	(F)
DPHZ	(V/V)
DPHZ	(V/V)
DSOZ	(IN)
DSOZ	(IN)
HAZ	(M/S2)
HAZ	(M/S2)
HDRA	(G/C3)
HDRA	(G/C3)
HGR	(GAPI)
HGR	(GAPI)

HMIN	(OHMM)
HMIN	(OHMM)
HMNO	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HNPO	(V/V)
HTNP	(V/V)
HTNP	(V/V)
PEFZ	
PEFZ	
RHGR	(GAPI)
RHGR	(GAPI)
RHOZ	(G/C3)
RHOZ	(G/C3)
RSO8	(IN)
RSO8	(IN)
RSOZ	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXO8	(OHMM)
RXOZ	(OHMM)
RXOZ	(OHMM)

7. **6004-16-1z_cmr_gr_run6b_2: 13104.583-14042 F**

DEPTH	(F)
DPHZ	(V/V)
DPHZ	(V/V)
DSOZ	(IN)
DSOZ	(IN)
HAZ	(M/S2)
HAZ	(M/S2)
HDRA	(G/C3)
HDRA	(G/C3)
HGR	(GAPI)
HGR	(GAPI)
HMIN	(OHMM)
HMIN	(OHMM)
HMNO	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HNPO	(V/V)
HTNP	(V/V)
HTNP	(OHMM)
PEFZ	
PEFZ	
RHGR	(GAPI)
RHGR	(GAPI)
RHOZ	(G/C3)
RHOZ	(G/C3)
RSO8	(IN)
RSO8	(IN)
RSOZ	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXO8	(OHMM)
RXOZ	(OHMM)
RXOZ	(OHMM)

8. **6004-16-1z_comb_up_downlog: 2535.8-4087.9 m**

DEPTH	(M)
AF30	(OHMM)
AF60	(OHMM)
APLC	(V/V)
APLU	(V/V)
DRH	(G/C3)
DT	(US/F)
FPLC	(V/V)
FPLU	(V/V)
HCGR	(GAPI)
HSGR	(GAPI)
LCAL	(INCHES)
PEFL	(B/E)
RHOM	(G/C3)

TENS	(LBF)
TT1	(US)
TT2	(US)
TT3	(US)
TT4	(US)

9. **6004-16-1z_comp_resample: 1360-4177.2594 m**

DEPTH	(M)
CGR	(GAPI)
DTCO	(US/F)
DTSM	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
NPHI	(V/V)
PEFZ	(B/E)
POTA	(%)
RDEEP	(OHMM)
RHOZ	(G/C3)
RXOZ	(OHMM)
SGR	(GAPI)
SP	(MV)
SP	(MV)
SP	(MV)
THOR	(PPM)
TNPH	(V/V)
URAN	(PPM)

10. **6004-16-1z_core_provisional: 3452.05-4203.65 m**

DEPTH	(M)
CPERM	(MD)
CPOR	(%)
GDEN	(G/C3)

11. **6004-16-1z_dsi_4161m: 3655.0092-4161.1296 m**

DEPTH	(M)
BS	(IN)
CDF	(N)
DT4P	(US/F)
DT4S	(US/F)
GR	(GAPI)
ITT	(S)
TDEP	(IN)
TENS	(LBF)
TIME	(MS)

12. **6004-16-1z_dsi_cnl_8inch: 2073.2496-3835.4508 m**

DEPTH	(M)
CDF	(N)
DTCO	(US/F)
DTSM	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HTEM	(DEGC)
NPHI	(V/V)
PEFZ	
POTA}	
RHOZ	(G/C3)
RLA0	(OHMM)
RLA1	(OHMM)
RLA2	(OHMM)
RLA3	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RXOZ	(OHMM)
SP	(MV)
TENS	(LBF)
THOR	(PPM)
URAN	(PPM)

13. **6004-16-1z_dsi_gr_run5b: 11991-13652 F**

DEPTH	(F)
BS	(IN)
CDF	(N)

CS	(F/MN)
CVEL	(FT/MIN)
DF	(N)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/FT)
DTRS	(US/FT)
DTTP	(US/FT)
DTTS	(US/FT)
ECGR	(GAPI)
GR	(GAPI)
ITT	(S)
RGR	(GAPI)
SOBS	(IN)
SPHI	(V/V)
TENS	(LBF)

14. **6004-16-1z_dsi_pex_run4a: 2073.554-3835.4508 m**

DEPTH	(M)
BS	(IN)
CGR	(GAPI)
CS	(F/MN)
DNPH	(V/V)
DPHZ	(V/V)
DT1	(US/FT)
DT1R	(US/FT)
DT2	(US/FT)
DT2R	(US/FT)
DT3R	(US/FT)
DT4P	(US/F)
DT4S	(US/F)
DT5	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTST	(US/F)
DTTP	(US/F)
DTTS	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HGR	(GAPI)
ITT	(S)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PEFZ	
PHIE	(V/V)
POTA	
PR	
RHO8	(G/C3)
RHOZ	(G/C3)
RLA0	(OHMM)
RLA1	(OHMM)
RLA2	(OHMM)
RLA3	(OHMM)
RLA4	(OHMM)
RLA5	(OHMM)
RM	(OHMM)
RMFA	(OHMM)
RO	(OHMM)
RT	(OHMM)
RXO	(OHMM)
RXOI	(OHMM)
RXOZ	(OHMM)
SGR	(GAPI)
SP	(MV)
SPHI	(V/V)
TENS	(LBF)
THOR	(PPM)
TNPH	(V/V)

TNRA	
TPRA	
TURA	
UPRA	
URAN	8PPM)
VCL	(V/V)
VPVS	

15. **6004-16-1z_dsi_r9b_final_rs: 12403.5-131190 F**

DEPTH	(F)
BS	(IN)
CDF	(N)
CHRP	
CHRS	
CHTP	
CHTS	
CS	(F/MN)
CVEL	(FT/MIN)
DCI4	
DF	(N)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTTP	(US/F)
DTTS	(US/F)
ECGR	(GAPI)
ETIM	(S)
GR	(GAPI)
ITT	(S)
RGR	(GAPI)
SAS4	
SOBS	(IN)
SPHI	(V/V)
SPR4	
SPT4	
SSVE	(M/S)
SVEL	(M/S)
TENS	(LBF)
TIME	(S)

16. **6004-16-1z_dsi_run9b_final:11991-13652.5 F**

DEPTH	(F)
BS	(IN)
CDF	(N)
CHRP	
CHRS	
CHTP	
CHTS	
CS	(F/MN)
CVEL	(FT/MIN)
DCI4	
DF	(N)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTTP	(US/F)
DTTS	(US/F)
ECGR	(GAPI)
ETIM	(S)
GR	(GAPI)
ITT	(S)
PWN4	
RGR	(GAPI)
SAS4	
SOBS	(IN)
SPHI	V/V)
SPR4	
SPT4	
SSVE	(M/S)

SVEL	(M/S)
TENS	(LBF)
TIME	(S)
WF41	
WF42	
WF43	
WF44	
WF45	
WF46	
WF47	
WF48	

17. **6004-16-1z_dsi_run9b_final_1: 11991.083-13652 F**

DEPTH	(F)
IDWD	(0.1_IN)
SCD	(0.1_IN)
TIME	(S)

18. **6004-16-1z_hals_dsi_2224m: 1360.932-2224.278 m**

DEPTH	(M)
CDF	(N)
DT1R	(US/F)
DT2R	(US/F)
DTCO	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HLLD	(OHMM)
HLLS	(OHMM)
HTEM	(DEGC)
NPHI	(V/V)
PEFZ	
RHOZ	8G/C3)
RXOZ	(OHMM)
SP	(MV)
TENS	(LBF)

19. **6004-16-1z_hals_dsi_pex_r6a. 12334-14033 m**

DEPTH	(F)
ABS	(M2)
AFCD	(M2)
AREA	(M2)
BS	(IN)
BSD1	
CDF	(N)
CFGR	
CFTC	(1/S)
CGR	(GAPI)
CHRP	
CHRS	
CHTP	
CHTS	
CNTC	(1/S)
CS	(F/MN)
CVEL	(IN)
DCI4	
DF	(LBF)
DNPH	(V/V)
DRTA	
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/FT)
DTRS	(US/FT)
DTSM	(US/F)
DTTP	(US/FT)
DTTS	(US/FT)
EBSZ	(%)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
GDEV	(DEG)

GR	(GAPI)
HDAR	(IN)
HLRGB	
HPATT	
HTEM	(DEGC)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)
IHV	(M3)
ITT	(S)
LSD1	
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT	(V/V)
POTA	
PR	
PWN4	
PXND_HILT	(V/V)
QCBSL	
QCHALS	
QCMCFL	
QCPOR	
RCFT	(1/S)
RCNT	(1/S)
RHGX_HILT	G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
RSGR	(GAPI)
RWA_HILT	(OHMM)
RXIG	(MA)
SGR	(GAPI)
SOBS	(IN)
SP	(MV)
SPAR	(MV)
SPHI	(V/V)
SSVE	(M/S)
SVEL	(M/S)
SW_HILT	(V/V)
TALP	
TENS	(LBF)
THOR	(PPM)
TNPH	(V/V)
TNRA	
TPRA	
TURA	
UMA_HILT	
UPRA	
URAN	(PPM)
VCL_HILT	(V/V)
VPVS	

20. 6004-16-1z_hals_dsi_pex_r6a_1: 12334.083-14033 F

DEPTH	(F)
BSW	(1/S)
BSWU	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
IDWD	(0.1_IN)
LHEW	(1/S)
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
RVV	(MV)
RXOI	(OHMM)
RXV	(MV)

21. 6004-16-1z_hals_dsi_pex_r6a_2: 12334.167-14033 F

DEPTH	(F)
CDH	(IN)
DPHZ	(V/V)

DSOZ	(IN)
ECC	(IN)
EHGR	(GAPI)
HARS	(OHMM)
HART	(OHMM)
HAUD	(OHMM)
HAUE	(IN)
HAUS	(OHMM)
HAZ	(M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDI	(INS)
HDRA	(G/C3)
HDRT	
HGR	(GAPI)
HLDU	(OHMM)
HLGU	(OHMM)
HLLD	(OHMM)
HLLE	(OHMM)
HLLG	(OHMM)
HLLS	(OHMM)
HLSU	(OHMM)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HRDU	(OHMM)
HREU	(IN)
HRLD	(OHMM)
HRLE	(IN)
HRLS	(OHMM)
HRM	(OHMM)
HRMD	(OHMM)
HRSU	(OHMM)
HSO	(IN)
HTAL	
HTNP	(V/V)
PEFZ	
QCPEF	
QCRH	
RHFT	(1/S)
RHNT	(1/S)
RHOZ	(G/C3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)

22. **6004-16-1z_hals_dsi_pex_r6a_3: 12334.017-14033 F**

DEPTH	(F)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)

23. **6004-16-1z_lwd_mem_4168m: 3825.54-4168.44 m**

DEPTH	(M)
AXXH_UNC	(OHMM)
GR_IMP_FI	(GAPI)
PXXH_UNC	(OHMM)

24. **6004-16-1z_lwd_mem_4192m: 4166.62-4179.72 m**

DEPTH	(M)
AXXH_UNC	(OHMM)
GR_IMP_FI	(GAPI)
PXXH_UNC	(OHMM)

25. **6004-16-1z_lwd_mem_4267m:4215.08-4266.9 m**

DEPTH	(M)
AXXH_UNC	(OHMM)
GR_IMP_FI	(GAPI)
PXXH_UNC	(OHMM)

26. **6004-16-1z_lwd_mem_run14: 4215.08-4266.9**

DEPTH	(M)

AXXH_UNC	(OHMM)
GR_IMP_FI	(GAPI)
PXXH_UNC	(OHMM)

27. **6004-16-1z_mcfl_cnl_4160m: 3648.7608-4160.8248 m**

DEPTH	(M)
BS	(IN)
CDF	(N)
CS	(F/HR)
DPH8	(V/V)
DPHZ	(V/V)
DSO8	(IN)
DSOZ	(IN)
EHGR	(GAPI)
ETIM	(S)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HNPO	(V/V)
HTNP	(V/V)
NPHI	(V/V)
PEF8	
PEFZ	
RHO8	(G/C3)
RHOZ	(G/C3)
TDEP	(1IN)
TENS	(LBF)
TNPH	(V/V)

28. **6004-16-1z_mcfl_cnl_repeat: 3864.864-4160.8248 m**

DEPTH	(M)
BS	(IN)
CDF	(N)
CS	(F/HR)
DPH8	(V/V)
DPHZ	(V/V)
DSO8	(IN)
DSOZ	(IN)
EHGR	(GAPI)
ETIM	(S)
GDEV	(DEG)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HNPO	(V/V)
HTNP	(V/V)
NPHI	(V/V)
PEF8	
PEFZ	
RHO8	(G/C3)
RHOZ	(G/C3)
TDEP	(1IN)
TENS	(LBF)
TNPH	(V/V)

29. **6004-16-1z_pex_dsi_run6a: 3759.5556-4277.2584 m**

DEPTH	(M)
BS	(IN)
CDF	(N)
CGR	(GAPI)
DTCO	(US/F)
DTSM	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HLLD	(OHMM)
HLLS	(OHMM)
ICV	(M3)
NPHI	(V/V)
PEFZ	(B/E)
POTA	(%)
RHOZ	(G/C3)
RXOZ	(OHMM)

SCD	81IN)
SGR	(GAPI)
SP	(MV)
TENS	(LBF
THOR	(PPM)
TPRA	
TURA	
URAN	(PPM)

30. **6004-16-1z_pex_gr_run5c: 11970.5-13651 F**

DEPTH	(F)
BS	(IN)
CS	(F/MN)
CVEL	(FT/MIN)
DF	(LBF)
DNPH	(V/V)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
GDEV	(DEG)
GR	(GAPI)
HDAR	(IN)
HLRGB	
HTEM	(DEGC)
HWEC	(DEG/M)
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT.	(V/V)
PXND_HILT.	(V/V)
RHGX_HILT	(G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
TALP	
TENS	(LBF)
TNPH	(V/V)
TNRA	
UMA_HILT	
VCL_HILT	(V/V)

31. **6004-16-1z_pex_gr_run5c_1: 11971.167-13651 F**

DEPTH	(F)
DPH8	(V/V)
DPHZ	(V/V)
DSO8	(IN)
DSOZ	(IN)
EHGR	(GAPI)
HDRA	G/C3)
HDRT	
HGR	(GAPI)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HTAL	
HTNP	(V/V)
PEF8	
PEFZ	
RHNT	(1/S)
RHO8	(G/C3)
RHOZ	(G/C3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)

32. **6004-16-1z_pex_gr_run5c_2: 11971.083-13651 F**

DEPTH	(F)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
RVV	(MV)
RXOI	(OHMM)

RXV	(MV)

33. **6004-16-1z_pex_gr_run5c_3: 11971.017-13651 F**

DEPTH	(F)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)

34. **6004-16-1z_pex_r4a_final_rs: 12403.5-13190 F**

DEPTH	(F)
BS	(IN)
CDF	(N)
CHRP	
CHRS	
CHTP	
CHTS	
CS	(F/MN)
CVEL	(FT/MIN)
DCI4	
DF	(N)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTTP	(US/F)
DTTS	(US/F)
ECGR	(GAPI)
ETIM	(S)
GR	(GAPI)
ITT	(S)
RGR	(GAPI)
SAS4	
SOBS	(IN)
SPHI	(V/V)
SPR4	
SPT4	
SSVE	(M/S)
SVEL	(M/S)
TENS	(LBF)
TIME	(S)

35. **6004-16-1z_pex_r5c_final_rs: 13063.5-13653 F**

DEPTH	(F)
ABS	(M2)
AFCD	(M2)
AREA	(M2)
BS	(IN)
BSD1	
CDF	(N)
CFGR	
CFTC	(1/S)
CNTC	(1/S)
CS	(F/MN)
CVEL	(FT/MIN)
DF	(LBF)
DNPH	(V/V)
DRTA	
EBSZ	(%)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
GDEV	(DEG)
GR	(GAPI)
HDAR	(IN)
HLRGB	
HPATT	
HTEM	(DEGC)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)

IHV	(M3)
LSD1	
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT.	(V/V)
PXND_HILT	(V/V)
QCBSL	
QCMCFL	
QCPOR	
RCFT	(1/S)
RCNT	(1/S)
RHGX_HILT	(G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
RXIG	(MA)
SSD1	
TALP	
TENS	(LBF)
TGST	(M/S2)
TIME	(S)
TNPH	(V/V)
TNRA	
UMA_HILT	
VCL_HILT	(V/V)

36. 6004-16-1z_pex_r5c_final_rs_1: 13064.083-13653 F

DEPTH	(F)
BSW	(1/S)
BSWU	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
IDWD	(0.1_IN)
LHEW	(1/S)
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
RVV	(MV)
RXOI	(OHMM)
RXV	(MV)
SCD	(0.1_IN)
SSW	(1/S)
SSWU	(1/S)
TIME	(S)

37. 6004-16-1z_pex_r5c_final_rs_2. 13064.167-13653 F

DEPTH	(F)
DPH8	(V/V)
DPHZ	(V/V)
DSO8	(IN)
DSOZ	(IN)
EHGR	(GAPI)
HAZ	(M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDRA	(G/C3)
HDRT	
HGR	(GAPI)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HTAL	
HTNP	(V/V)
PEF8	
PEFZ	
QCPEF	
QCRH	
RHFT	(1/S)
RHNT	(1/S)
RHO8	(G/C3)

RHOZ	8G/C3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)
TIME	(S)
UZ	

38. **6004-16-1z_pex_r5c_final_rs_3:13064.017-13653 F**

DEPTH	(F)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)
TIME	(S)

39. **6004-16-1z_pex_r6a_final_rs: 13105.5-13754 F**

DEPTH	(F)
ABS	(M2)
AFCD	(M2)
AREA	(M2)
BS	(IN)
BSD1	
CDF	(N)
CFGR	
CFTC	(1/S)
CGR	(GAPI)
CHRP	
CHRS	
CHTP	
CHTS	
CNTC	(1/S)
CS	(F/MN)
CVEL	(FT/MIN)
DCI4	
DF	(LBF)
DNPH	(V/V)
DRTA	
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTSM	(US/F)
DTTP	(US/F)
DTTS	(US/F)
EBSZ	(%)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
GDEV	(DEG)
GR	(GAPI)
HDAR	(IN)
HLRGB	
HPATT	
HTEM	(DEGC)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)
IHV	(M3)
ITT	(S)
LSD1	
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT	(V/V)
POTA	
PR	
PWN4	
PXND_HILT	(V/V)

QCBSL	
QCHALS	
QCMCFL	
QCPOR	
RCFT	(1/S)
RCNT	(1/S)
RHGX_HILT	(G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
RSGR	(GAPI)
RWA_HILT	(OHMM)
RXIG	(MA)
SAS4	
SGR	(GAPI)
SOBS	(IN)
SP	(M/V)
SPAR	(M/V)
SPHI	(V/V)
SPR4	
SPT4	
SSD1	
SSVE	(M/S)
SVEL	(M/S)
SW_HILT	(V/V)
TALP	
TENS	(LBF)
TGST	(M/S2)
THOR	(PPM)
TIME	(S)
TNPH	(V/V)
TNRA	
TPRA	
TURA	
UMA_HILT	
UPRA	
URAN	(PPM)
VCL_HILT	(V/V)
VPVS	
W1NG	(1/S)
W2NG	(1/S)
W3NG	(1/S)
W4NG	(1/S)
W5NG	(1/S)
WF41	
WF42	
WF43	
WF44	
WF45	
WF46	
WF47	
WF48	

40. **6004-16-1z_pex_r6a_final_rs_1: 13105.583-13753.5 F**

DEPTH	(F)
BSW	(1/S)
BSWU	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
IDWD	(0.1_IN)
LHEW	(1/S)
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
RVV	(MV)
RXOI	(OHMM)
RXV	8MV)
SCD	(0.1_IN)
SSW	(1/S)
SSWU	(1/S)
TIME	(S)

41. **6004-16-1z_pex_r6a_final_rs_2: 13105.667-13753.5 F**

DEPTH	(F)
CDH	(IN)
DPHZ	(V/V)
DSOZ	(IN)
ECC	(IN)
EHGR	(GAPI)
HARS	(OHMM)
HART	(OHMM)
HAUD	(OHMM)
HAUE	(IN)
HAUS	(OHMM)
HAZ	(M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDI	(INS)
HDRA	(G/C3)
HDRT	
HGR	(GAPI)
HLDU	(OHMM)
HLGU	(OHMM)
HLLD	(OHMM)
HLLE	(OHMM)HLLG .OHMM
HLLS	(OHMM)
HLSU	(OHMM)
HMIN	(OHMM)
HMNO	(OHMM)HNPO .V/V
HPRA	
HRDU	(OHMM)
HREU	(IN)
HRLD	(OHMM)
HRLE	(IN)
HRLS	(OHMM)
HRM	(OHMM)
HRMD	(OHMM)
HRSU	(OHMM)
HSO	(IN)
HTAL	
HTNP	(V/V)
PEFZ	
QCPEF	
QCRH	
RHFT	(1/S)
RHNT	(1/S)
RHOZ	(G/C3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)
TIME	(S)
UZ	
ZIT1	(MA)
ZVB1	(MV)
ZVBQ	(MV)
ZVT1	(MV)
ZVTQ	(MV)

42. **6004-16-1z_pex_r6a_final_rs_3: 13105.517-13753.5 F**

DEPTH	(F)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)
TIME	(S)

43. **6004-16-1z_pex_run4a_final: 11991-13652 F**

DEPTH	(F)
BS	(IN)
CDF	(N)
CHRP	
CHRS	
CHTP	
CHTS	
CS	(F/MN)

CVEL	(FT/MIN)
DCI4	
DF	(N)
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/F)
DTRS	(US/F)
DTTP	(US/F)
DTTS	(US/F)
ECGR	(GAPI)
ETIM	(S)
GR	(GAPI)
ITT	(S)
PWN4	
RGR	(GAPI)
SAS4	
SOBS	(IN)
SPHI	(V/V)
SPR4	
SPT4	
SSVE	(M/S)
SVEL	(M/S)
TENS	(LBF)
TIME	(S)

44. **6004-16-1z_pex_run4a_final_1: 11991.083-13652 F**

DEPTH	(F)
IDWD	(0.1_IN)
SCD	(0.1_IN)
TIME	(S)

45. **6004-16-1z_pex_run5c_final. 11970.5-13651 F**

DEPTH	(F)
ABS	(M2)
AFCD	(M2)
AREA	(M2)
BS	(IN)
BSD1	
CDF	(N)
CFGR	
CFTC	(1/S)
CNTC	(1/S)
CS	(F/MN)
CVEL	(FT/MIN)
DF	(LBF)
DNPH	(V/V)
DRTA	
EBSZ	(%)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
GDEV	(DEG)
GR	(GAPI)
HDAR	(IN)
HLRGB	
HPATT	
HTEM	(DEGC)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)
IHV	(M3)
LSD1	
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT	(V/V)
PXND_HILT	(V/V)
QCBSL	
QCMCFL	

QCPOR	
RCFT	(1/S)
RCNT	(1/S)
RHGX_HILT	(G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
RXIG	(MA)
SSD1	
TALP	
TENS	(LBF)
TGST	(M/S2)
TIME	(S)
TNPH	(V/V)
TNRA	
UMA_HILT	
VCL_HILT	(V/V)

46. **6004-16-1z_pex_run5c_final_1: 11971.083-13651 F**

DEPTH	(F)
BSW	(1/S)
BSWU	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
IDWD	(0.1_IN)
LHEW	(1/S)
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
RVV	(MV)
RXOI	(OHMM)
RXV	(MV)
SCD	(0.1_IN)
SSW	(1/S)
SSWU	(1/S)
TIME .S	

47. **6004-16-1z_pex_run5c_final_2: 11971.167-13651 F**

DEPTH	(F)
DPH8	(V/V)
DPHZ	(V/V)
DSO8	(IN)
DSOZ	(IN)
EHGR	(GAPI)
HAZ	(M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDRA	(G/C3)
HDRT	
HGR	(GAPI)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HTAL	
HTNP	(V/V)
PEF8	
PEFZ	
QCPEF	
QCRH	
RHFT	(1/S)
RHNT	(1/S)
RHO8	(G/C3)
RHOZ	(G/C3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)
TIME	(S)
UZ	

48. **6004-16-1z_pex_run5c_final_3: 11971.017-13651 F**

DEPTH	(F)
RVDRU	(OHMM)

RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)
TIME	(S)

49. **6004-16-1z_pex_run6a_final: 12334-14033.5 F**

DEPTH	(F)
ABS	(M2)
AFCD	(M2)
AREA	(M2)
BS	(IN)
BSD1	
CDF(N)	
CFGR	
CFTC	(1/S)
CGR	(GAPI)
CHRP	
CHRS	
CHTP	
CHTS	
CNTC	(1/S)
CS	(F/MN)
CVEL	(FT/MIN)
DCI4	
DF	(LBF)
DNPH	(V/V)
DRTA	
DT4P	(US/F)
DT4S	(US/F)
DTCO	(US/F)
DTRP	(US/FT)
DTRS	(US/FT)
DTSM	(US/F)
DTTP	(US/FT)
DTTS	(US/FT)
EBSZ	(%)
ECGR	(GAPI)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
GDEV	(DEG)
GR	(GAPI)
HDAR	(IN)
HLRGB	
HPATT	
HTEM	(DEGC)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)
IHV	(M3)
ITT	(S)
LSD1	
NCYT	(DEGC)
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
PHIE_HILT	(V/V)
POTA	
PR	
PWN4	
PXND_HILT	(V/V)
QCBSL	
QCHALS	
QCMCFL	
QCPOR	
RCFT	(1/S)
RCNT	(1/S)
RHGX_HILT	(G/CM3)
RMFA_HILT	(OHMM)
RO_HILT	(OHMM)
RSGR	(GAPI)
RWA_HILT	(OHMM)

RXIG	(MA)
SAS4	
SGR	(GAPI)
SOBS	(IN)
SP	(MV)
SPAR	(MV)
SPHI	(V/V)
SPR4	
SPT4	
SSD1	
SSVE	(M/S)
SVEL	(M/S)
SW_HILT	(V/V)
TALP	
TENS	(LBF)
TGST	(M/S2)
THOR	(PPM)
TIME	(S)
TNPH	(V/V)
TNRA	
TPRA	
TURA	
UMA_HILT	
UPRA	
URAN	(PPM)
VCL_HILT.	(V/V)
VPVS	
W1NG	(1/S)
W2NG	(1/S)
W3NG	(1/S)
W4NG	(1/S)
W5NG	(1/S)
WF41	
WF42	
WF43	
WF44	
WF45	
WF46	
WF47	
WF48	

50. 6004-16-1z_pex_run6a_final_1: 12334.083-14033 F

DEPTH	(F)
BSW	(1/S)
BSWU	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
IDWD	(0.1_IN)
LHEW	(1/S)
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
RVV	(MV)
RXOI	(OHMM)
RXV	(MV)
SCD	(0.1_IN)
SSW	(1/S)
SSWU	(1/S)
TIME	(S)

51. 6004-16-1z_pex_run6a_final_2. 12334.167-14033 F

DEPTH	(F)
CDH	(IN)
DPHZ	(V/V)
DSOZ	(IN)
ECC	(IN)
EHGR	(GAPI)
HARS	(OHMM)
HART	(OHMM)
HAUD	(OHMM)
HAUE	(IN)
HAUS	(OHMM)

HAZ	8M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDI	(NS)
HDRA	(G/C3)
HDRT	
HGR	(GAPI)
HLDU	(OHMM)
HLGU	(OHMM)
HLLD	(OHMM)
HLLE	(OHMM):
HLLG	(OHMM)
HLLS	(OHMM)
HLSU	(OHMM)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HRDU	(OHMM)
HREU	(IN)
HRLD	(OHMM)
HRLE	(IN)
HRLS	(OHMM)
HRM	(OHMM)
HRMD	(OHMM)
HRSU	(OHMM)
HSO	(IN)
HTAL	
HTNP	(V/V)
PEFZ	
QCPEF	
QCRH	
RHFT	(1/S)
RHNT	(1/S)
RHOZ	(G/C3):
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)
TIME	(S)
UZ	
ZIT1	(MA)
ZVB1	(MV)
ZVBQ	(MV)
ZVT1	(MV)
ZVTQ	(MV)

52. 6004-16-1z_pex_run6a_final_3: 12334.017-14033 F

DEPTH	(F)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)
TIME	(S)

53. 6004-16-1z_pex_run6a_repeat: 3994.7088-4192.0668 m

DEPTH	(M)
BS	(IN)
CDF	(N)
CGR	(GAPI)
DTCO	(US/F)
DTSM	(US/F)
GR	(GAPI)
HCAL	(IN)
HDRA	(G/C3)
HLLD	(OHMM)
HLLS	(OHMM)
ICV	(M3)
NPHI	(V/V)
PEFZ	
POTA	
RHOZ	(G/C3)
RXOZ	(OHMM)

SCD	(1IN)
SGR	(GAPI)
SP	(MV)
TENS	(LBF)
THOR	(PPM)
TPRA	
TURA	
URAN	(PPM)

54. **6004-16-1z_processed_cmr: 13103-13989 F**

DEPTH	(F)
ABS	(M2)
ACQ_TIME	(MS)
AC_REL_STATE	
AFCD	(M2)
AMP_DIST	(V)
AMP_DIST_SIG	(V)
AREA	(M2)
ATEMP	(DEGC)
B0_MC	(MT)
B0_TEMP	(MT)
BADF_CMR	
BCQR	(%)
BDIG	
BFV	(V/V)
BFV_MW	(V/V)
BFV_MW_SIG	(V/V)
BFV_SIG	(V/V)
BLEW	(1/S)
BPHV	(V)
BS	(IN)
BSD1	
BSFF	(%)
CART_TEMP	(DEGC)
CBF1	(V/V)
CBF2	(V/V)
CBF3	(V/V)
CBF4	(V/V)
CBF5	(V/V)
CBF6	(V/V)
CBF7	(V/V)
CBP1	(V/V)
CBP2	(V/V)
CBP3	(V/V)
CBP4	(V/V)
CBP5	(V/V)
CBP6	(V/V)
CBP7	(V/V)
CBP8	(V/V)
CDF	(N)
CFF1	(V/V)
CFF2	(V/V)
CFF3	(V/V)
CFF4	(V/V)
CFF5	(V/V)
CFF6	(V/V)
CFF7	(V/V)
CFGR	
CFTC	(1/S)
CLOS	(M)
CMFF	(V/V)
CMFF_MW.	(V/V)
CMFF_MW_SIG	(V/V)
CMFF_SIG	(V/V)
CMRP_3MS	(V/V)
CMRP_3MS_MW	(V/V)
CMR_GAIN	
CMR_PHI_CONV	
CMR_RAW_PHI	(V/V)
CMR_SIG_PROC_S	
CMR_TEMP	(DEGF)
CMR_TEMP_RAW	
CMSN	

CNTC	(1/S)
CS	(F/MN)
CTEM	(DEGF)
CTMP	(DEGC)
CVEL	(FT/MIN)
CWEL	(DEG/M)
DELTA_B0	(MT)
DF	(LBF)
DHC_ERR	
DNPH	(V/V)
DRTA	
DSPPS	
DSPPT	(MS)
DSP_ERR	
EBSZ	(%)
ECGR	(GAPI)
ECHO_AMP_R	
ECHO_AMP_X	
ECHO_BASE	(V)
ED	(M)
ELSZ	(%)
ESSZ	(%)
ETIM	(S)
FCD	(IN)
FREQ_OP	(KHZ)
FREQ_OP_ID	
GAMMA	
GCHV	(V)
GDEV	(DEG)
GR	(GAPI)
GTHV	(V)
HAGR	(V)
HDAR	(IN)
HDGR	(V)
HDIG	
HHVO	(V)
HLRGB	
HM15	(V)
HMRGB	
HP15	(V)
HP5V	(V)
HPATT	
HPB0	(MT)
HPB0CH	(V)
HPB0CL	(V)
HPB0_RAW	
HTEM	(DEGC)
HV	(V)
HV_CUR	(MA)
HV_LOADED	(V)
HV_PEAK_CUR	(MA)
HV_REG	(V)
HV_UNREG	(V)
HWEC	(DEG/M)
HWER	(M)
ICV	(M3)
IHV	(M3)
INV_AMP_MC	
KBFV	(MD)
KCMR	(MD)
KSDR	(MD)
KTIM	(MD)
LCQR	(%)
LDIG	
LLEW	(1/S)
LOOP	
LPHV	(V)
LSD1	
LSFF	(%)
MA5V	(V)
MDIG	
MINUS_15V	(V)

MINUS_5V_ANA	(V)
MP12	(V)
MP5V	(V)
NCHV	(V)
NCYT	(DEGC)
ND	(M)
NDIA	
NOISE_ENV	(V/V)
NOISE_FLAG	
NOISE_PWR	
NOISE_TOOL	(V/V)
NOISE_TOOL_WSU	(V/V)
NO_UPDATE_COUN	
NPHI	(V/V)
NPL	(V/V)
NPOR	(V/V)
NSGD	(V)
NTHV	(V)
NUM_MSG	
PHIE_HILT	(V/V)
PLUS_15V	(V)
PLUS_5V	(V)
PLUS_5V_ANA	(V)
PXND_HILT	(V/V)
QCBSL	
QCMCFL	
QCPOR	
RBPHV	(V)
RCFT	(1/S)
RCNT	(1/S)
RD1P	(MV)
RD1Q	(MV)
RDA0	(MV)
RDIA	
RGCN	(1/S)
RG	(GAPI)
RHGX_HILT	(G/CM3)
RLPHV	(V)
RMFA_HILT	(OHMM)
RMS_NOISE	(V)
RO_HILT	(OHMM)
RSPHV	(V)
RTNR	
RXIB	(MA)
RXIG	(MA)
RXPS	(DEG)
RXVB	(MV)
RXVM	(UV)
SCQR	(%)
SDIG	
SIG_PROC_ERR	
SLEW	(1/S)
SPHASE	(DEG)
SPHV	(V)
SSD1	
SSFF	(%)
STATE_ERR	
T12R	
T2LM	(MS)
T2LM_MW	(MS)
T2LM_MW_SIG	(MS)
T2P1	(MS)
T2P2	(MS)
T2P3	(MS)
TALP	
TCH	(V)
TCL	(V/V)
TCMR	(V/V)
TCMR_MW	(V/V)
TCMR_MW_SIG	(V/V)
TCMR_SIG	(V/V)
TENS	(LBF)

TGST	(M/S2)
TIME	(S)
TNPH	(V/V)
TNRA	
TOOL_STATE	
TREF	(V)
TUNE_WORD	
TVDE	(M)
TW_OFFSET	
UMA_HILT	
VCL_HILT	(V/V)
VSEC	(M)
WAIT_FLAG	
WSUM	

55. **6004-16-1z_processed_cmr_1: 13103.008-13989 F**

DEPTH	(F)
AZS1	(M/S2)
AZS2	(M/S2)
AZSN	
TIME (S)	

56. **6004-16-1z_processed_cmr_2: 13103.083-13989 F**

DEPTH	(F)
BIOM	
BSW	(1/S)
BSWU	(1/S)
BWTO	(1/S)
FCBR	(OHMM)
HCAL	(IN)
HDRX	
HIOM	
HMAS	
HRCAL	(IN)
IDWD	(0.1_IN)
LHEW	(1/S)
LIOM	
LSW	(1/S)
LSWU	(1/S)
LWTO	(1/S)
MIOM	
NIOM	
QCRXO	
RIOM	
RVID	(UA)
RVIS	(UA)
RVV	(MV)
RXI0	(UA)
RXOI	(OHMM)
RXV	(MV)
SCD	(0.1_IN)
SIOM	
SSW	(1/S)
SSWU	(1/S)
SWTO	(1/S)
TIME	(S)
TQCA	

57. **6004-16-1z_processed_cmr_3: 13103.167-13989 F**

DEPTH	(F)
DPHZ	(V/V)
DSOZ	(IN)
HAZ	(M/S2)
HCFT	(1/S)
HCNT	(1/S)
HDRA	(G/C3)
HDRB	(G/CM3)
HDRT	
HGR	(GAPI)
HMIN	(OHMM)
HMNO	(OHMM)
HNPO	(V/V)
HPRA	
HTAL	

HTNP	(V/V)
PEA	
PEFBA	
PEFLA	
PEFSA	
PEFZ	
QCPEF	
QCRH	
RGHN	(1/S)
RHBA	(G/CM3)
RHFT	(1/S)
RHGR	(GAPI)
RHLA	(G/CM3)
RHNT	(1/S)
RHOZ	(G/C3)
RHSA	(G/CM3)
RMCZ	(OHMM)
ROMZ	(G/CM3)
RSO8	(IN)
RSOZ	(IN)
RXO8	(OHMM)
RXOZ	(OHMM)
TIME	(S)
UZ	

58. **6004-16-1z_processed_cmr_4: 13103.017-13989 F**

DEPTH	(F)
HAZ01	(M/S2)
RVDRU	(OHMM)
RVSRU	(OHMM)
RXGR	(OHMM)
RXRU	(OHMM)
TIME	(S)

59. **6004-16-1z_rab_6004_16_1: 1467.15-2258.11 m**

DEPTH	(M)
GRRAB	(GAPI)
RESBD	(OHMM)
RESBIT	(OHMM)
RESBM	(OHMM)
RESBS	(OHMM)
RESRING	(OHMM)
ROP5RM	(M/H)