Mnemonics

Mnemonic:	Refers to the Curve Mnemonic - LIS / DLIS
Unit:	Refers to the Engineering Units—LIS Eng / Metric; DLIS Eng / Metric
Tool:	Refers to the logging tool for the curve.
Description:	Described the recorded Curve Serv_Name: Refers to the General Service (combined tools)
Type_Data:	Refers to the Data format classification and processing status RES = Result curve INP = Processed Input data TEL = Telemetry with some processing applied

This is a generalized listing of current supported tools and is not intended to include older tools, software versions or data systems. Dual detector tools may utilize either N or 1 to distinguish Near detector and F or 2 to distinguish Far detector.

Wireline and Perforating Services Mnemonics

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
ACRT - ARRAY COMP TRUE RES	HRM2			RT RESISTIVITY MAP - TWO FOOT	HRM2			RES
ACRT - ARRAY COMP TRUE RES	RMAN			RIGHT MANDREL	RMAN			RES
ACRT - ARRAY COMP TRUE RES	RF90	OHMM	OHMM	90 IN RADIAL RESISTIVITY 4FT	RF90	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RF60	OHMM	OHMM	60 IN RADIAL RESISTIVITY 4FT	RF60	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RF30	OHMM	OHMM	30 IN RADIAL RESISTIVITY 4FT	RF30	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RF20	OHMM	OHMM	20 IN RADIAL RESISTIVITY 4FT	RF20	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RF10	OHMM	OHMM	10 IN RADIAL RESISTIVITY 4FT	RF10	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RF06	OHMM	OHMM	6 IN RADIAL RESISTIVITY 4 FT	RF06	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	LSO			LEFT STANDOFF	LSO			RES
ACRT - ARRAY COMP TRUE RES	LMAN			LEFT MANDREL	LMAN			RES
ACRT - ARRAY COMP TRUE RES	CO60	MMHO	MMHO	60 IN RADIAL CONDUCTIVITY 1FT	CO60	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	HRM4			RT RESISTIVITY MAP - FOUR FOOT	HRM4			RES
ACRT - ARRAY COMP TRUE RES	RO20	OHMM	OHMM	20 IN RADIAL RESISTIVITY 1 FT	RO20	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	HRM1			RT RESISTIVITY MAP - ONE FOOT	HRM1			RES
ACRT - ARRAY COMP TRUE RES	ECC			ECCENTRICITY	ECC			RES
ACRT - ARRAY COMP TRUE RES	D2	IN	IN	OUTER RADIAL DEPTH OF INVASION	D2	in	IN	RES
ACRT - ARRAY COMP TRUE RES	D1	IN	MM	INNER RADIAL DEPTH OF INVASION	D1	in	mm	RES
ACRT - ARRAY COMP TRUE RES	DI	IN	MM	RADIAL DEPTH OF INVASION	DI	in	mm	RES
ACRT - ARRAY COMP TRUE RES	CT90	MMHO	MMHO	90 IN RADIAL CONDUCTIVITY 2FT	CT90	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CT06	MMHO	MMHO	6 IN RADIAL CONDUCTIVITY 2FT	CT06	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CT20	MMHO	MMHO	20 IN RADIAL CONDUCTIVITY 2FT	CT20	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CT10	MMHO	MMHO	10 IN RADIAL CONDUCTIVITY 2FT	CT10	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CO90	MMHO	MMHO	90 IN RADIAL CONDUCTIVITY 1FT	CO90	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	INCL			INCLINATION	INCL			RES
ACRT - ARRAY COMP TRUE RES	RT60	OHMM	OHMM	60 IN RADIAL RESISTIVITY 2 FT	RT60	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	TMPF			TEMPERATURE FEEDPIPE - CALC	TMPF			RES
ACRT - ARRAY COMP TRUE RES	SED6	MMHO	MMHO	SKIN EFFECT CORRECTIONS D6	SED6	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SEU5	MMHO	MMHO	SKIN EFFECT CORRECTIONS U5	SEU5	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SED4	MMHO	MMHO	SKIN EFFECT CORRECTIONS D4	SED4	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SED3	MMHO	MMHO	SKIN EFFECT CORRECTIONS D3	SED3	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SED2	MMHO	MMHO	SKIN EFFECT CORRECTIONS D2	SED2	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SED1	MMHO	MMHO	SKIN EFFECT CORRECTIONS D1	SED1	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	SMUD	OHMM	OHMM	MUD RESISTIVITY - CALCULATED	SMUD	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RMUD	OHMM	OHMM	MUD RESISTIVITY	RMUD	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RXO/RT	OHMM	OHMM	UNIVADED ZONE RESISTIVITY	RXO/RT	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RO06	OHMM	OHMM	6 IN RADIAL RESISTIVITY 1 FT	RO06	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT90	OHMM	OHMM	90 IN RADIAL RESISTIVITY 2 FT	RT90	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RO10	OHMM	OHMM	10 IN RADIAL RESISTIVITY 1 FT	RO10	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT30	OHMM	OHMM	30 IN RADIAL RESISTIVITY 2 FT	RT30	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT20	OHMM	OHMM	20 IN RADIAL RESISTIVITY 2 FT	RT20	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT10	OHMM	OHMM	10 IN RADIAL RESISTIVITY 2 FT	RT10	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT06	OHMM	OHMM	6 IN RADIAL RESISTIVITY 2 FT	RT06	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RT	OHMM	OHMM	TRUE RESISTIVITY UNIVADED ZONE	RT	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RSO			RIGHT STANDOFF	RSO			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
ACRT - ARRAY COMP TRUE RES	RO90	OHMM	OHMM	90 IN RADIAL RESISTIVITY 1 FT	RO90	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RO60	OHMM	OHMM	60 IN RADIAL RESISTIVITY 1 FT	RO60	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	RO30	OHMM	OHMM	30 IN RADIAL RESISTIVITY 1 FT	RO30	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	CT30	MMHO	MMHO	30 IN RADIAL CONDUCTIVITY 2FT	CT30	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	RXO	OHMM	OHMM	UNIVADED ZONE RESISTIVITY	RXO	ohm.m	ohm.m	RES
ACRT - ARRAY COMP TRUE RES	BCD4	MMHO	MMHO	BOREHOLE CORRECTIONS D4	BCD4	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CT60	MMHO	MMHO	60 IN RADIAL CONDUCTIVITY 2FT	CT60	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CO06	MMHO	MMHO	6 IN RADIAL CONDUCTIVITY 1FT	CO06	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	BCD1	MMHO	MMHO	BOREHOLE CORRECTIONS D1	BCD1	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	BCD3	MMHO	MMHO	BOREHOLE CORRECTIONS D3	BCD3	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	BCD6	MMHO	MMHO	BOREHOLE CORRECTIONS D6	BCD6	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	BCD5	MMHO	MMHO	BOREHOLE CORRECTIONS D5	BCD5	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CALU	IN	IN	CAL DIAMETER USED	CALU	in	IN	RES
ACRT - ARRAY COMP TRUE RES	CDIA	IN	IN	CALCULATED DIAMETER	CDIA	in	IN	RES
ACRT - ARRAY COMP TRUE RES	CF10	MMHO	MMHO	10 IN RADIAL CONDUCTIVITY 4FT	CF10	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CF20	MMHO	MMHO	20 IN RADIAL CONDUCTIVITY 4FT	CF20	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CO10	MMHO	MMHO	10 IN RADIAL CONDUCTIVITY 1FT	CO10	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CF06	MMHO	MMHO	6 IN RADIAL CONDUCTIVITY 4FT	CF06	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CF60	MMHO	MMHO	60 IN RADIAL CONDUCTIVITY 4FT	CF60	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CF90	MMHO	MMHO	90 IN RADIAL CONDUCTIVITY 4FT	CF90	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	BCD2	MMHO	MMHO	BOREHOLE CORRECTIONS D2	BCD2	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	ACCZ			ACCELEROMETER Z	ACCZ			RES
ACRT - ARRAY COMP TRUE RES	CO20	MMHO	MMHO	20 IN RADIAL CONDUCTIVITY 1FT	CO20	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CF30	MMHO	MMHO	30 IN RADIAL CONDUCTIVITY 4FT	CF30	0.001/ohm	0.001/ohm	RES
ACRT - ARRAY COMP TRUE RES	CO30	MMHO	MMHO	30 IN RADIAL CONDUCTIVITY 1FT	CO30	0.001/ohm	0.001/ohm	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT22			TT_T2R2	TT22			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	ALPH			ALPHA	ALPHA			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT2	US	US	FAR TRAVEL TIME	TT2	uS	uS	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DT2	US/F	US/M	DELTA - TIME TRANSMITTER 2	DT2	uS/ft	US/M	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT12			UPPER XMTR TRAVEL TIME TT_T1R2	TT12			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT11			UPPER XMTR TRAVEL TIME TT_T1R1	TT11			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT21			TT_T2R1	TT21			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	AMPL	DB	DB	AMPLITUDE	AMPL	dB	dB	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	AMP	MV	MV	CBL - PIPE AMPLITUDE	AMP	mv	mv	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DT1	US/F	US/M	DELTA - TIME TRANSMITTER 1	DT1	uS/ft	US/M	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	FRMC			TOOL FRAME COUNT	FRMC			RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT	US/F	US/M	CBL - PIPE TRAVEL TIME	TT	uS/ft	US/M	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	TT1	US	US	NEAR TRAVEL TIME	TT1	uS	uS	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	WFFW			WAVEFORM - ALL	WFFW			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	ITTT			INTEGRATED TRAVEL TIME TOTAL	ITTT			RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	WMSG			WAVEFORM - MSG	WMSG			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	BI			CBL - BOND INDEX	BI			RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	ITT			INTEGRATED TRAVEL TIME MARK	ITT			RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DT	US/F	US/M	DELTA TIME COMPRESSIVE	DT	uS/ft	US/M	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DTRC			DELTA T AT RECEIVER	DT_RCV			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DTUN			DELTA T UNFILTERED	DT_UNF			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	DTXM			DELTA T AT TRANSMITTER	DT_XMT			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	ERR			ERROR	ERROR			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	FNOI			FAR RECEIVER NOISE	FNOISE			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	GFAR			FAR RECEIVER GAIN	GAIN_F			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	MSGR			MSG RECEIVER	MSGRCV			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	GNEA			NEAR RECEIVER GAIN	GAIN_N			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	SPHI	DECP	DECP	SONIC POROSITY	SPHI	100 pu	100 pu	RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	MSGG			MSG GAIN	MSGGAI			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	NNOI			NEAR RECEIVER NOISE	NNOISE			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	PKCD			PICK CODE	PKCODE			INP
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	QDT			DELTA TIME QUALITY	QDT			RES
BCDT/BSAT/BCS/CBL - BH COMP ARRAY SONIC	SDT2	US/F	US/M	DELTA T (2 FOOT)	SDT2	uS/ft	US/M	RES
BHPT - BORE HOLE PROP TOOL	FLWT	LBS/G	K/M3	FLUID WEIGHT	FLWT	LBS/G	Kg/m3	RES
BHPT - BORE HOLE PROP TOOL	DTEM	DEGF	DEGC	DIFFERENTIAL TEMPERATURE	DTEM	degF	degC	RES
BHPT - BORE HOLE PROP TOOL	DPRS	PSIA	KPA	DIFFERENTIAL PRESSURE	DPRS	PSIA	Kpa	RES
BHPT - BORE HOLE PROP TOOL	PRES	PSIA	KPA	BOREHOLE PRESSURE	BHPRES	PSIA	Kpa	RES
BHPT - BORE HOLE PROP TOOL	PXIT	DEGF	DEGC	PRESSURE XDCR INTERNAL TEMP	PXIT	degF	degC	RES
BHPT - BORE HOLE PROP TOOL	PTMP	DEGF	DEGC	PROBE INTERNAL TEMP	PTMP	degF	degC	RES
BHPT - BORE HOLE PROP TOOL	RES	OHM-M	OHM-M	BOREHOLE RESISTIVITY	BHRES	OHM-M	OHM-M	RES
BHPT - BORE HOLE PROP TOOL	TEMP	DEGF	DEGC	BOREHOLE TEMPERATURE	BHTEMP	degF	degC	RES
CALIPER - 2 ARM	AHVT	FT3	M3	ANNULAR VOLUME TOTAL	AHVT	ft3	m3	RES
CALIPER - 2 ARM	BHV	FT3	M3	BORE HOLE VOLUME MARK	BHV	ft3	m3	RES
CALIPER - 2 ARM	BHVT	FT3	M3	BOREHOLE VOLUME TOTAL	BHVT	ft3	m3	RES
CALIPER - 2 ARM	CALI	IN	MM	CALIPER	CALI	in	mm	RES
CALIPER - 2 ARM	DCAL	IN	MM	DIFFERENTIAL CALIPER	DCAL	in	mm	RES
CALIPER - 2 ARM	AHV	FT3	M3	ANNULAR VOLUME MARK	AHV	ft3	m3	RES
CAST-V - CIRCUM ACOU SCAN	AM32	IN	MM	CALIPER 32	AM32	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM31	IN	MM	CALIPER 31	AM31	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM30	IN	MM	CALIPER 30	AM30	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM29	IN	MM	CALIPER 29	AM29	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM28	IN	MM	CALIPER 28	AM28	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM27	IN	MM	CALIPER 27	AM27	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM33	IN	MM	CALIPER 33	AM33	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM25	IN	MM	CALIPER 25	AM25	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM38	IN	MM	CALIPER 38	AM38	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM26	IN	MM	CALIPER 26	AM26	in	mm	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
CAST-V - CIRCUM ACOU SCAN	AM34	IN	MM	CALIPER 34	AM34	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM35	IN	MM	CALIPER 35	AM35	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM24	IN	MM	CALIPER 24	AM24	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM37	IN	MM	CALIPER 37	AM37	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM20	IN	MM	CALIPER 20	AM20	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM39	IN	MM	CALIPER 39	AM39	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM40	IN	MM	CALIPER 40	AM40	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AMMN			CAST AMPLITUDE - MINIMUM	AMMN			RES
CAST-V - CIRCUM ACOU SCAN	AMMX			CAST AMPLITUDE - MAXIMUM	AMMX			RES
CAST-V - CIRCUM ACOU SCAN	AMP			CAST AMPLITUDE SCAN	AMP			RES
CAST-V - CIRCUM ACOU SCAN	AVAM			AVERAGE AMPLITUDE	AVAM			INP
CAST-V - CIRCUM ACOU SCAN	AM36	IN	MM	CALIPER 36	AM36	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM12	IN	MM	CALIPER 12	AM12	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM01	IN	MM	CALIPER 01	AM01	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM02	IN	MM	CALIPER 02	AM02	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM03	IN	MM	CALIPER 03	AM03	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM04	IN	MM	CALIPER 04	AM04	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM05	IN	MM	CALIPER 05	AM05	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM06	IN	MM	CALIPER 06	AM06	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM07	IN	MM	CALIPER 07	AM07	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM08	IN	MM	CALIPER 08	AM08	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM09	IN	MM	CALIPER 09	AM09	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM22	IN	MM	CALIPER 22	AM22	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM11	IN	MM	CALIPER 11	AM11	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM23	IN	MM	CALIPER 23	AM23	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM13	IN	MM	CALIPER 13	AM13	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM14	IN	MM	CALIPER 14	AM14	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM15	IN	MM	CALIPER 15	AM15	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM16	IN	MM	CALIPER 16	AM16	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM17	IN	MM	CALIPER 17	AM17	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM18	IN	MM	CALIPER 18	AM18	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM19	IN	MM	CALIPER 19	AM19	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AVOD			AVERAGE CASING OD	AVOD			RES
CAST-V - CIRCUM ACOU SCAN	AM21	IN	MM	CALIPER 21	AM21	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AM10	IN	MM	CALIPER 10	AM10	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	THKP			THICKNESS PLOT	THKP			RES
CAST-V - CIRCUM ACOU SCAN	MXID	IN	MM	MAXIMUM INSIDE DIAMETER	MXID	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MXIR	IN	MM	MAXIMUM INSIDE RADIUS	MXIR	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MXTK	IN	MM	MAXIMUM THICKNESS	MXTK	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MXZ			MAXIMUM IMPEDENCE	MXZ			RES
CAST-V - CIRCUM ACOU SCAN	NBS			NUMBER OF MISSED SHOTS	NBS			RES
CAST-V - CIRCUM ACOU SCAN	OVAL			OVALITY	OVAL			RES
CAST-V - CIRCUM ACOU SCAN	PAMP			PEAK AMPLITUDE	PAMP			RES
CAST-V - CIRCUM ACOU SCAN	RADI	IN	MM	CAST RADIUS SCAN	RADI	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	RAMN	IN	MM	CAST MINIMUM RADIUS	RAMN	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	RAMX	INCH	INCH	CAST MAXIMUM RADIUS	RAMX	in	INCH	RES
CAST-V - CIRCUM ACOU SCAN	AVID	IN	MM	AVERAGE INSIDE DIAMETER	AVID	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	THET			DIRECTION FROM HIGH SIDE	THETA			RES
CAST-V - CIRCUM ACOU SCAN	MNTK	IN	MM	MINIMUM THICKNESS	MNTK	in	mm	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
CAST-V - CIRCUM ACOU SCAN	TT	.1 ms	.1ms	CAST TRANSIT TIME	TT	.1 ms	.1ms	RES
CAST-V - CIRCUM ACOU SCAN	VOL1			IMPEDENCE VOLUME 1	VOL1			RES
CAST-V - CIRCUM ACOU SCAN	VOL2			IMPEDENCE VOLUME 2	VOL2			RES
CAST-V - CIRCUM ACOU SCAN	VOL3			IMPEDENCE VOLUME 3	VOL3			RES
CAST-V - CIRCUM ACOU SCAN	VOL4			IMPEDENCE VOLUME 4	VOL4			RES
CAST-V - CIRCUM ACOU SCAN	VOL5			IMPEDENCE VOLUME 5	VOL5			RES
CAST-V - CIRCUM ACOU SCAN	XO			X COORDINATE FROM CENTER	XO			RES
CAST-V - CIRCUM ACOU SCAN	YO			Y COORDINATE FROM CENTER	YO			RES
CAST-V - CIRCUM ACOU SCAN	ZMUD			IMPEDENCE OF BOREHOLE FLUID	ZMUD			RES
CAST-V - CIRCUM ACOU SCAN	ZP			IMPEDENCE PLOT	ZP			RES
CAST-V - CIRCUM ACOU SCAN	SEQ			SCAN SEQUENCE	SEQ			TEL
CAST-V - CIRCUM ACOU SCAN	GAS			GAS FLAG	GAS			RES
CAST-V - CIRCUM ACOU SCAN	AVIR	IN	MM	AVERAGE INSIDE RADIUS	AVIR	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AVTK	IN	MM	AVERAGE THICKNESS	AVTK	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	AVZ			AVERAGE IMPEDENCE	AVZ			RES
CAST-V - CIRCUM ACOU SCAN	BSI			BAD SHOT INDEX	BSI			RES
CAST-V - CIRCUM ACOU SCAN	DIAV	IN	MM	CAST AVERAGE DIAMETER	DIAV	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	DIMN	IN	MM	CAST MINIMUM DIAMETER	DIMN	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	DIMX	IN	MM	CAST MAXIMUM DIAMETER	DIMX	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	DVTH			DEVIATION OF THICKNESS	DVTK			RES
CAST-V - CIRCUM ACOU SCAN	DVZ			DEVIATION OF IMPEDENCE	DVZ			RES
CAST-V - CIRCUM ACOU SCAN	ECTY			ECCENTRICITY	ECTY			RES
CAST-V - CIRCUM ACOU SCAN	MSPD	REV		XDUCER REVOLUTIONS / SEC	MSPD	REV		INP
CAST-V - CIRCUM ACOU SCAN	FTT	US/FT	US/M	FLUID TRAVEL TIME	FTT	uS/ft	US/M	RES
CAST-V - CIRCUM ACOU SCAN	MNZ			MINIMUM IMPEDENCE	MNZ			RES
CAST-V - CIRCUM ACOU SCAN	HIGD	IN	MM	HIGH SCALE FOR DISTANCE	HIGHD	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	HIGT	IN	MM	HIGH SCALE FOR THICKNESS	HIGHT	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	HRAD	IN	MM	HOLE RADIUS	HRAD	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	IDP			INNER DIAMETER PLOT	IDP			RES
CAST-V - CIRCUM ACOU SCAN	IRP			INNER RADIUS PLOT	IRP			RES
CAST-V - CIRCUM ACOU SCAN	LOWD	IN	MM	LOW SCALE FOR DISTANCE	LOWD	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	LOWT	IN	MM	LOW SCALE FOR THICKNESS	LOWT	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MDWT	GMCC		MUD WEIGHT GM/CC	MUDWT	GMCC		RES
CAST-V - CIRCUM ACOU SCAN	MNID	IN	MM	MINIMUM INSIDE DIAMETER	MNID	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MNIR	IN	MM	MINIMUM INSIDE RADIUS	MNIR	in	mm	RES
CAST-V - CIRCUM ACOU SCAN	MCNS			MUDCELL WAVE NUMB SAMPLES	MCNS			RES
CAST-V - CIRCUM ACOU SCAN	FREQ	KHZ	KHZ	MEASURED KHZ	FREQ	1000 Hz	1000 Hz	RES
CAST-V - CIRCUM ACOU SCAN	LWAV			LONG WAVEFORM	LWAV			RES
CAST-V - CIRCUM ACOU SCAN	MZP			CALCULTED MUD IMPEDANCE	MZP			RES
CAST-V - CIRCUM ACOU SCAN	MNCS			MINIMUM COMPRESSIVE STRENGTH	MNCS			RES
CAST-V - CIRCUM ACOU SCAN	MFTT			MUDCELL FTT REFLECTION	MFTT			RES
CAST-V - CIRCUM ACOU SCAN	MDN			MUDCELL DENSITY	MDN			RES
CAST-V - CIRCUM ACOU SCAN	MCSQ			MUDCELL SEQUENCE NUMBER	MCSQ			RES
CAST-V - CIRCUM ACOU SCAN	AVCS			AVERAGE COMPRESSIVE STRENGTH	AVCS			RES
CAST-V - CIRCUM ACOU SCAN	CSP			COMPRESSIVE STRENGTH IMAGE	CSP			RES
CAST-V - CIRCUM ACOU SCAN	AVRA			AVERAGE RADIUS	AVRA			INP
CAST-V - CIRCUM ACOU SCAN	LSTO			START TIME LONG WAVEFORM	LSTO			RES
CAST-V - CIRCUM ACOU SCAN	RB			RELATIVE BEARING	RB			RES
CAST-V - CIRCUM ACOU SCAN	LWNS			LONG WAVEFORM NUMB. SAMPLES	LWNS			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
CAST-V - CIRCUM ACOU SCAN	LWSQ			LONG WAVEFORM SEQUENCE NUMBER	LWSQ			RES
CAST-V - CIRCUM ACOU SCAN	LWNS			LONG WAVEFORM NUMB. SAMPLES	LWNS			RES
CAST-V - CIRCUM ACOU SCAN	MAMP			MUDCELL PEAK AMPLITUDE	MAMP			RES
CAST-V - CIRCUM ACOU SCAN	MATN			CALCULATED MUD ATTENUATION	MATN			RES
CAST-V - CIRCUM ACOU SCAN	MCAL			CALIBRATED MUDCELL OFFSET	MCAL			RES
CAST-V - CIRCUM ACOU SCAN	MCF			CALCULATED MUDCELL FREQUENCY	MCF			RES
CAST-V - CIRCUM ACOU SCAN	FSRA			FIRST SHOT RAW AMPLITUDE	FSRA			RES
CAST-V - CIRCUM ACOU SCAN	RWAV			FAST CAST TRANSDUCER WAVEFORM	RWAV			RES
CAST-V - CIRCUM ACOU SCAN	SMRT			SAMPLE RATE	SMRT			RES
CAST-V - CIRCUM ACOU SCAN	RBRF			TOOL REFERENCE ANGLE	RBRF			RES
CAST-V - CIRCUM ACOU SCAN	MNZD			MINIMUM DIFFERENTIAL IMPEDANCE	MNZD			RES
CCL - CASING COLLAR LOCATOR	CCL			CASING COLLAR LOCATOR	CCL			RES
CSNG - COMP SPECT GAMMA	HBAR			BARITE CORR FACTOR - RUN AVG	HBAR			RES
CSNG - COMP SPECT GAMMA	MINU			URANIUM - MIN ERROR	MINU			RES
CSNG - COMP SPECT GAMMA	MINT			THORIUM - MIN ERROR	MINT			RES
CSNG - COMP SPECT GAMMA	MINK			POTASSIUM - MIN ERROR	MINK			RES
CSNG - COMP SPECT GAMMA	MAXU			URANIUM - MAX ERROR	MAXU			RES
CSNG - COMP SPECT GAMMA	MAXT			THORIUM - MAX ERROR	MAXT			RES
CSNG - COMP SPECT GAMMA	MAXK			POTASSIUM - MAX ERROR	MAXK			RES
CSNG - COMP SPECT GAMMA	LSPC			LOW ENERGY SPECTRUM	LSPC			RES
CSNG - COMP SPECT GAMMA	HBHK			BORHOLE POTASSIUM - RUN AVG	HBHK			RES
CSNG - COMP SPECT GAMMA	ERTO			ERROR GAMMA RAY TOTAL	ERTO			RES
CSNG - COMP SPECT GAMMA	ERTC			ERROR GAMMA RAY KT	ERTC			RES
CSNG - COMP SPECT GAMMA	EHBK			BOREHOLE K CONCENTRATION ERROR	EHBK			RES
CSNG - COMP SPECT GAMMA	CVBF			COMPUTED BARITE FACTOR	CVBF			RES
CSNG - COMP SPECT GAMMA	CRDF			RESOLUTION DEGRADE FACTOR	CRDF			RES
CSNG - COMP SPECT GAMMA	CGCF			SPECTRAL GAIN CORR FACTOR	CGCF			RES
CSNG - COMP SPECT GAMMA	CASR			CSNG CASING RATIO	CASR			RES
CSNG - COMP SPECT GAMMA	HSPC			HIGH ENERGY SPECTRUM	HSPC			RES
CSNG - COMP SPECT GAMMA	STAB			CSNG STABILIZER	STAB			INP
CSNG - COMP SPECT GAMMA	LITR			LITHOLOGY RATIO	LITR			RES
CSNG - COMP SPECT GAMMA	LSPD			LINE SPEED	LSPEED			INP
CSNG - COMP SPECT GAMMA	NAVG			TPU INTERVALS PER DEPTH INTERv	NUMAVG			RES
CSNG - COMP SPECT GAMMA	NOIS	CPS	CPS	SPECTRAL NOISE	NOIS	1.0/S	1.0/S	RES
CSNG - COMP SPECT GAMMA	POTA	%	%	POTASSIUM	POTA	%	%	RES
CSNG - COMP SPECT GAMMA	SPEH			CSNG HIGH ENERGY SPECTRUM SUM	SPEH			INP
CSNG - COMP SPECT GAMMA	SPEL			CSNG LOW ENERGY SPECTRUM SUM	SPEL			INP
CSNG - COMP SPECT GAMMA	AMER			AMERICIUM COUNTS	AMER			INP
CSNG - COMP SPECT GAMMA	SRCF			SOURCE FACTOR	SRCF			RES
CSNG - COMP SPECT GAMMA	GRTH	GAPI	GAPI	GAMMA THORIUM	GRTH	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	SWPO			SWITCH POSITION	SW_POS			INP
CSNG - COMP SPECT GAMMA	THOR	PPM	PPM	THORIUM	THOR	ppm	ppm	RES
CSNG - COMP SPECT GAMMA	TKRT			CSNG RATIO THORIUM POTASSIUM	TKRT			RES
CSNG - COMP SPECT GAMMA	TOID			CSNG TOOL ID	TOOLID			INP
CSNG - COMP SPECT GAMMA	TOTF			CSNG TOTAL SPECTRA COUNTER	TOTFRM			INP
CSNG - COMP SPECT GAMMA	TURT			CSNG RATIO THORIUM URANIUM	TURT			RES
CSNG - COMP SPECT GAMMA	UKRT			CSNG RATIO URANIUM POTASSIUM	UKRT			RES
CSNG - COMP SPECT GAMMA	URAN	PPM	PPM	URANIUM	URAN	ppm	ppm	RES
CSNG - COMP SPECT GAMMA	SRAT			SELECTED RATIO	SRAT			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
CSNG - COMP SPECT GAMMA	FRMI			FRAMES PER DEPTH INCRAMENT	FRMINC			RES
CSNG - COMP SPECT GAMMA	CCL			CSNG CCL INPUT	CCL			INP
CSNG - COMP SPECT GAMMA	CSPC			CSNG DISPLAY SPECTRUM	CSPC			RES
CSNG - COMP SPECT GAMMA	CTIM			ACCUMULATION TIME	C_TIME			TEL
CSNG - COMP SPECT GAMMA	DERR			CSNG FRAME DATA ERROR	DATERR			INP
CSNG - COMP SPECT GAMMA	ERPO	%	%	ERROR POTASSIUM	ERPO	%	%	RES
CSNG - COMP SPECT GAMMA	ERTH	PPM	PPM	ERROR THORIUM	ERTH	ppm	ppm	RES
CSNG - COMP SPECT GAMMA	ERUR	PPM	PPM	ERROR URANIUM	ERUR	ppm	ppm	RES
CSNG - COMP SPECT GAMMA	FAVG			AVERAGE FRAME TIME	FRMAVG			RES
CSNG - COMP SPECT GAMMA	GRUR	GAPI	GAPI	GAMMA URANIUM	GRUR	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	FRCT			CSNG SPECTRAL FRAME COUNTER	FRMCNT			TEL
CSNG - COMP SPECT GAMMA	GRTO	GAPI	GAPI	TOTAL GAMMA (150 KEV - 3 MEV)	GRTO	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	FTIM	MSEC	MSEC	FRAME TIME	FTIME	MSEC	MSEC	RES
CSNG - COMP SPECT GAMMA	GKCL	GAPI	GAPI	GAMMMA KCL	GKCL	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	GKUT	GAPI	GAPI	GAMMA KUT	GKUT	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	GRHI	GAPI	GAPI	OBSERVED GAMMA (500KEV - 3MEV)	GRHI	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	GRK	GAPI	GAPI	GAMMA POTASSIUM	GRK	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	GRKC	GAPI	GAPI	GAMMMA KCL CORRECTED	GRKC	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	GRKT	GAPI	GAPI	GAMMA KT	GRKT	gAPI	gAPI	RES
CSNG - COMP SPECT GAMMA	AMCR	CPS	CPS	AMERICIUM COUNTS	AMCR	1.0/S	1.0/S	RES
CSNG - COMP SPECT GAMMA	FERR			FIT ERROR	FERR			RES
CSNG - COMP SPECT GAMMA	BORQ			BORQ	BORQ			RES
CSNG - COMP SPECT GAMMA	MNGR			MIN GAMMA RAY TOTAL ERROR	MNGR			RES
CSNG - COMP SPECT GAMMA	MNHB			MIN BH POTASSIUM RUN AVG	MNHB			RES
CSNG - COMP SPECT GAMMA	MNKT			MIN GAMMA RAY KT ERROR	MNKT			RES
CSNG - COMP SPECT GAMMA	MXBK			MAX BH K CONCENT ERROR	MXBK			RES
CSNG - COMP SPECT GAMMA	MXGR			MAX GAMMA RAY TOTAL	MXGR			RES
CSNG - COMP SPECT GAMMA	MXHB			MAX BH POTASSIUM RUN AVG	MXHB			RES
CSNG - COMP SPECT GAMMA	MXKT			MAX GAMMA RAY KT ERROR	MKKT			RES
CSNG - COMP SPECT GAMMA	MNBK			MIN BH K CONCENT ERROR	MNBK			RES
DH TENSION	DLOD	LB	KG	DOWNHOLE TENSION (HDTD)	DLOD	lbm	Kg	RES
DH TENSION	TEM2	DEGF	DEGC	BOREHOLE TEMPERATURE	TEM2	degF	degC	RES
DH TENSION	PLOC	DEG	DEG	PAD LOCATOR (HDTD)	PLOC	deg	deg	RES
DLLT- DUAL LATERLOG	LLS	OHMM	OHMM	LATEROLOG SHALLOW RESISTIVITY	LLS	ohm.m	ohm.m	RES
DLLT- DUAL LATERLOG	CLLD	MMHO	MS-M	LATEROLOG DEEP CONDUCTIVITY	CLLD	0.001/ohm	mS.m	RES
DLLT- DUAL LATERLOG	DI	IN	IN	DIAMETER OF INVASION	DI			RES
DLLT- DUAL LATERLOG	LLDC	OHMM	OHMM	LLD CORRECTED	LLDC			RES
DLLT- DUAL LATERLOG	LLSC	OHMM	OHMM	LLS CORRECTED	LLSC			RES
DLLT- DUAL LATERLOG	RT	OHMM	OHMM	TRUE RESISTIVITY	RT			RES
DLLT- DUAL LATERLOG	RX0	OHMM	OHMM	FLUSHED ZONE RESISTIVITY	RX0			RES
DLLT- DUAL LATERLOG	LLD	OHMM	OHMM	LATEROLOG DEEP RESISTIVITY	LLD	ohm.m	ohm.m	RES
DSN/DSEN - DUAL SPACE NEUTRON	NPRS	DECP	DECP	HDSN PRESSURE POROSITY CORR	NPRS	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	MCOR	DECP	DECP	DSEN MUD POROSITY CORRECTION	MCOR	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NPHS	DECP	DECP	NEUTRON POROSITY SANDSTONE	NPHS	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NBHC	DECP	DECP	HDSN BOREHOLE POROSITY CORR	NBHC	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NBHL	DECP	DECP	HDSN BAD HOLE POROSITY CORR	NBHL	100 pu	100 pu	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
DSN/DSEN - DUAL SPACE NEUTRON	NCSG	DECP	DECP	HDSN CASING POROSITY CORR	NCSG	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NDNU	CPS	CPS	HOSTILE DSN NEAR COUNTS UNFILT	NDNU	1.0/S	1.0/S	RES
DSN/DSEN - DUAL SPACE NEUTRON	ADPE	DECP	DECP	DSEN AIR DOLO POROSITY EVR	ADPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NDSE			DSNE NEAR SPACED COUNTS	NDSE			TEL
DSN/DSEN - DUAL SPACE NEUTRON	NDSN	CPS	CPS	DSN NEAR COUNTS	NDSN	1.0/S	1.0/S	RES
DSN/DSEN - DUAL SPACE NEUTRON	RNDS	COUNTS	COUNTS	RAW DSN II NEAR COUNTS	NDSN	COUNTS	COUNTS	TEL
DSN/DSEN - DUAL SPACE NEUTRON	NPSO	DECP	DECP	HDSN STANDOFF POROSITY CORR	NPSO	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	FDSN	CPS	CPS	DSN FAR COUNTS	FDSN	1.0/S	1.0/S	RES
DSN/DSEN - DUAL SPACE NEUTRON	NRAT	C/C	C/C	DSN (NDSN/FDSN) RATIO	NRAT	C/C	C/C	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENPH	DECP	DECP	DSEN LIQUID POROSITY	ENPH	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NTMP	DECP	DECP	HDSN TEMPERATURE POROSITY CORR	NTMP	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NTOT	DECP	DECP	HDSN TOTAL POROSITY CORR	NTOT	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	RFDS	COUNTS	COUNTS	RAW DSN II FAR COUNTS	FDSN	COUNTS	COUNTS	TEL
DSN/DSEN - DUAL SPACE NEUTRON	NLIM	DECP	DECP	NEUTRON PHI LIME MATRIX	NLIM	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NPHD	DECP	DECP	NEUTRON POROSITY DOLOMITE	NPHD	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENDS	CPS	CPS	DSN NEAR COUNTS - EVR	ENDSN	1.0/S	1.0/S	RES
DSN/DSEN - DUAL SPACE NEUTRON	EAPH	DECP	DECP	DSEN AIR POROSITY	EAPH	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LDPE	DECP	DECP	DSEN LIQUID DOLO POROSITY EVR	LDPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LLP	DECP	DECP	DSEN LIQUID LIME POROSITY	LLP	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LLPE	DECP	DECP	DSEN LIQUID LIME POROSITY EVR	LLPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LSP	DECP	DECP	DSEN LIQUID SAND POROSITY	LSP	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LSPE	DECP	DECP	DSEN LIQUID SAND POROSITY EVR	LSPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	LPHI	DECP	DECP	DSEN LIQUID POROSITY	LPHI	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	EMPH	DECP	DECP	MEAN OF NEAR/FAR AIR POROSTIY	EMPH	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ELPH	DECP	DECP	DSEN AIR POROSITY LONG	ELPH	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENRA	C/C	C/C	DSN (NDSN/FDSN) RATIO - EVR	ENRAT	C/C	C/C	RES
DSN/DSEN - DUAL SPACE NEUTRON	EFDS	CPS	CPS	DSN FAR COUNTS - EVR	EFDSN	1.0/S	1.0/S	RES
DSN/DSEN - DUAL SPACE NEUTRON	FDSE			DSEN FAR SPACED COUNTS	FDSE			TEL
DSN/DSEN - DUAL SPACE NEUTRON	ASPE	DECP	DECP	DSEN AIR SAND POROSITY EVR	ASPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	NPHI	DECP	DECP	NEUTRON POROSITY	NPHI	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENLI	DECP	DECP	NEUTRON PHI LIME MATRIX - EVR	ENLIM	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ALPE	DECP	DECP	DSEN AIR LIME POROSITY EVR	ALPE	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENPD	DECP	DECP	NEUTRON POROSITY DOLOMITE EVR	ENPHD	100 pu	100 pu	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
DSN/DSEN - DUAL SPACE NEUTRON	LDP	DECP	DECP	DSEN LIQUID DOLO POROSITY	LDP	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ENPS	DECP	DECP	NEUTRON POROSITY SAND EVR	ENPHS	100 pu	100 pu	RES
DSN/DSEN - DUAL SPACE NEUTRON	ETCO			EVR TOTAL CORRECTION	ETCOR			RES
DSN/DSEN - DUAL SPACE NEUTRON	FDNU	CPS	CPS	HOSTILE DSN FAR COUNTS UNFILT	FDNU	1.0/S	1.0/S	RES
EMI - ELECT MICRO IMAGING	ACYU	G	G	ACCELEROMETER Y UNFILTERED	ACYU	G	G	INP
EMI - ELECT MICRO IMAGING	EDD2	OHMM	OHMM	PAD #2 RESISTIVITY (FAST)	EDD2	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	CALA	IN	MM	EMI AVERAGE CALIPER	CALA	in	mm	RES
EMI - ELECT MICRO IMAGING	DCAL	IN	MM	EMI DIFFERENTIAL CALIPER	DCAL	in	mm	RES
EMI - ELECT MICRO IMAGING	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
EMI - ELECT MICRO IMAGING	DMAX	IN	MM	EMI MAXIMUM CALIPER PAIR	DMAX	in	mm	RES
EMI - ELECT MICRO IMAGING	DMIN	IN	MM	EMI MINIMUM CALIPER PAIR	DMIN	in	mm	RES
EMI - ELECT MICRO IMAGING	DXT2	08.3MS	08.3MS	Z ACCELEROMETER (FAST) TIME	DXT2	8.3 mS	8.3 mS	RES
EMI - ELECT MICRO IMAGING	ACCZ	G	G	ACCELEROMETER Z-AXIS	ACCZ	G	G	RES
EMI - ELECT MICRO IMAGING	EDD1	OHMM	OHMM	PAD #1 RESISTIVITY (FAST)	EDD1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	CAL4	IN	MM	EMI CALIPER ARM #4 (DIAMETER)	CAL4	in	mm	RES
EMI - ELECT MICRO IMAGING	EDD3	OHMM	OHMM	PAD #3 RESISTIVITY (FAST)	EDD3	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	EDD4	OHMM	OHMM	PAD #4 RESISTIVITY (FAST)	EDD4	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	EDD5	OHMM	OHMM	PAD #5 RESISTIVITY (FAST)	EDD5	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	EDD6	OHMM	OHMM	PAD #6 RESISTIVITY (FAST)	EDD6	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	EMIM			EMI TOOL MODE	EMIM			INP
EMI - ELECT MICRO IMAGING	EMMR	VOLT	VOLT	REAL PART PHASOR VOLTAGE	EMMR	V	V	INP
EMI - ELECT MICRO IMAGING	DXTM	08.3MS	08.3MS	Z ACCELEROMETER (FAST) TIME	DXTM	8.3 mS	8.3 mS	RES
EMI - ELECT MICRO IMAGING	BHVT	FT3	M3	BOREHOLE VOLUME TOTAL	BHVT	ft3	m3	RES
EMI - ELECT MICRO IMAGING	ACCX	G	G	ACCELEROMETER X-AXIS	ACCX	G	G	RES
EMI - ELECT MICRO IMAGING	ACCY	G	G	ACCELEROMETER Y-AXIS	ACCY	G	G	RES
EMI - ELECT MICRO IMAGING	ACXU	G	G	ACCELEROMETER X UNFILTERED	ACXU	G	G	INP
EMI - ELECT MICRO IMAGING	ACZU	G	G	ACCELEROMETER Z UNFILTERED	ACZU	G	G	INP
EMI - ELECT MICRO IMAGING	AHV	FT3	M3	ANNULAR HOLE VOLUME MARK	AHV	ft3	m3	RES
EMI - ELECT MICRO IMAGING	AHVT	FT3	M3	ANNULAR HOLE VOLUME TOTAL	AHVT	ft3	m3	RES
EMI - ELECT MICRO IMAGING	CAL6	IN	MM	EMI CALIPER ARM #6 (DIAMETER)	CAL6	in	mm	RES
EMI - ELECT MICRO IMAGING	BHV	FT3	M3	BOREHOLE VOLUME MARK	BHV	ft3	m3	RES
EMI - ELECT MICRO IMAGING	CAL5	IN	MM	EMI CALIPER ARM #5 (DIAMETER)	CAL5	in	mm	RES
EMI - ELECT MICRO IMAGING	C14	IN	MM	EMI CALIPER PAIR 1-4	C14	in	mm	RES
EMI - ELECT MICRO IMAGING	C25	IN	MM	EMI CALIPER PAIR 2-5	C25	in	mm	RES
EMI - ELECT MICRO IMAGING	C36	IN	MM	EMI CALIPER PAIR 3-6	C36	in	mm	RES
EMI - ELECT MICRO IMAGING	CAL1	IN	MM	EMI CALIPER ARM #1 (DIAMETER)	CAL1	in	mm	RES
EMI - ELECT MICRO IMAGING	CAL2	IN	MM	EMI CALIPER ARM #2 (DIAMETER)	CAL2	in	mm	RES
EMI - ELECT MICRO IMAGING	CAL3	IN	MM	EMI CALIPER ARM #3 (DIAMETER)	CAL3	in	mm	RES
EMI - ELECT MICRO IMAGING	ACCQ			ACCELEROMETER SUM OF SQUARES	ACCQ			RES
EMI - ELECT MICRO IMAGING	AZI1	DEG	DEG	PAD #1 AZIMUTH	AZI1	deg	deg	RES
EMI - ELECT MICRO IMAGING	MAGZ			MAGNETOMETER Z-AXIS	MAGZ			RES
EMI - ELECT MICRO IMAGING	P4B1	OHMM	OHMM	PAD #4 RESISTIVITY	P4B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	ITMP	DEGF	DEGC	INTERNAL TEMPERATURE	ITMP	degF	degC	RES
EMI - ELECT MICRO IMAGING	LOWS	DEG	DEG	LOW SIDE OF HOLE	LOSIDE	deg	deg	RES
EMI - ELECT MICRO IMAGING	MAGQ			MAGNETOMETER SUM OF SQUARES	MAGQ			RES
EMI - ELECT MICRO IMAGING	MAGX			MAGNETOMETER X-AXIS	MAGX			RES
EMI - ELECT MICRO IMAGING	F6B1			SED PAD #6, PROFILE 1 (FAST)	F6B1			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
EMI - ELECT MICRO IMAGING	MAGY			MAGNETOMETER Y-AXIS	MAGY			RES
EMI - ELECT MICRO IMAGING	F5B1			SED PAD #5, PROFILE 1 (FAST)	F5B1			RES
EMI - ELECT MICRO IMAGING	MGXU			MAGNETOMETER X UNFILTERED	MGXU			INP
EMI - ELECT MICRO IMAGING	MGYU			MAGNETOMETER Y UNFILTERED	MGYU			INP
EMI - ELECT MICRO IMAGING	MGZU			MAGNETOMETER Z UNFILTERED	MGZU			INP
EMI - ELECT MICRO IMAGING	P1B1	OHMM	OHMM	PAD #1 RESISTIVITY	P1B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	P2B1	OHMM	OHMM	PAD #2 RESISTIVITY	P2B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	RB	DEG	DEG	PAD #1 ROTATION	RB	deg	deg	RES
EMI - ELECT MICRO IMAGING	RAD6	IN	MM	EMI CALIPER ARM #6 (RADIUS)	RAD6	in	mm	RES
EMI - ELECT MICRO IMAGING	ERD4	OHMM	OHMM	PAD #4 RESISTIVITY FAST UNDELY	ERD4	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	BTOT			TOAL MAGNETIC FIELD - NAV TOOL	BTOT			RES
EMI - ELECT MICRO IMAGING	GTOT			TOAL GRAVITY FIELD - NAV TOOL	GTOT			RES
EMI - ELECT MICRO IMAGING	HDIA			MEASURED HOLE DIAMETER	HDIA			RES
EMI - ELECT MICRO IMAGING	TLFC			TOOL FACE DIRECTION	TLFC			RES
EMI - ELECT MICRO IMAGING	ERD1	OHMM	OHMM	PAD #1 RESISTIVITY FAST UNDELY	ERD1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	HAZI	DEG	DEG	DRIFT AZIMUTH	HAZI	deg	deg	RES
EMI - ELECT MICRO IMAGING	ERD3	OHMM	OHMM	PAD #3 RESISTIVITY FAST UNDELY	ERD3	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	P5B1	OHMM	OHMM	PAD #5 RESISTIVITY	P5B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	ERD5	OHMM	OHMM	PAD #5 RESISTIVITY FAST UNDELY	ERD5	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	ERD6	OHMM	OHMM	PAD #6 RESISTIVITY FAST UNDELY	ERD6	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	F1B1			SED PAD #1, PROFILE 1 (FAST)	F1B1			RES
EMI - ELECT MICRO IMAGING	F2B1			SED PAD #2, PROFILE 1 (FAST)	F2B1			RES
EMI - ELECT MICRO IMAGING	F3B1			SED PAD #3, PROFILE 1 (FAST)	F3B1			RES
EMI - ELECT MICRO IMAGING	F4B1			SED PAD #4, PROFILE 1 (FAST)	F4B1			RES
EMI - ELECT MICRO IMAGING	ERD2	OHMM	OHMM	PAD #2 RESISTIVITY FAST UNDELY	ERD2	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	RAD5	IN	MM	EMI CALIPER ARM #5 (RADIUS)	RAD5	in	mm	RES
EMI - ELECT MICRO IMAGING	RHOC	OHMM	OHMM	BHC CORR. RESISTIVITY	RHOC	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	TEMP	DEGC	DEGC	NAVIGATION TEMPERATURE	TEMP	degC	degC	RES
EMI - ELECT MICRO IMAGING	ZAC2	G	G	Z ACCELEROMETER (FAST)	ZAC2	G	G	RES
EMI - ELECT MICRO IMAGING	ZACC	G	G	Z ACCELEROMETER (FAST)	ZACC	G	G	RES
EMI - ELECT MICRO IMAGING	P3B1	OHMM	OHMM	PAD #3 RESISTIVITY	P3B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	EMMX	VOLT	VOLT	IMAGINARY PART PHASOR VOLTAGE	EMMX	V	V	INP
EMI - ELECT MICRO IMAGING	RHOA	OHMM	OHMM	AVERAGE RESISTIVITY	RHOA	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	RAD4	IN	MM	EMI CALIPER ARM #4 (RADIUS)	RAD4	in	mm	RES
EMI - ELECT MICRO IMAGING	RAD3	IN	MM	EMI CALIPER ARM #3 (RADIUS)	RAD3	in	mm	RES
EMI - ELECT MICRO IMAGING	RAD2	IN	MM	EMI CALIPER ARM #2 (RADIUS)	RAD2	in	mm	RES
EMI - ELECT MICRO IMAGING	PRES			EMI PAD FORCE	PRES			RES
EMI - ELECT MICRO IMAGING	PDDV	V	V	EMI RELATIVE PAD VOLTAGE	PDDV	V	V	RES
EMI - ELECT MICRO IMAGING	PADS	NESW	NESW	VIEW BUTTONS IMAGE (N-E-S-W-N)	PADS	NESW	NESW	RES
EMI - ELECT MICRO IMAGING	PAD6			PAD #6 - FAST DATA ARRAY	PAD6			INP
EMI - ELECT MICRO IMAGING	PAD5			PAD #5 - FAST DATA ARRAY	PAD5			INP
EMI - ELECT MICRO IMAGING	PAD4			PAD #4 - FAST DATA ARRAY	PAD4			INP
EMI - ELECT MICRO IMAGING	P6B1	OHMM	OHMM	PAD #6 RESISTIVITY	P6B1	ohm.m	ohm.m	RES
EMI - ELECT MICRO IMAGING	PAD1			PAD #1 - FAST DATA ARRAY	PAD1			INP
EMI - ELECT MICRO IMAGING	RAD1	IN	MM	EMI CALIPER ARM #1 (RADIUS)	RAD1	in	mm	RES
EMI - ELECT MICRO IMAGING	PAD2			PAD #2 - FAST DATA ARRAY	PAD2			INP
EMI - ELECT MICRO IMAGING	PAD3			PAD #3 - FAST DATA ARRAY	PAD3			INP
FCMT - FORM COMP MONITOR	RGR1	CPS	CPS	RAW GAMMA RAY 1	RGR1	1.0/S	1.0/S	RES
FCMT - FORM COMP MONITOR	ACCZ			ACCELEROMETER	ACCZ			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
FCMT - FORM COMP MONITOR	CCL			CCL FOR CORRELATION	CCL			RES
FCMT - FORM COMP MONITOR	CCL1			RAW COLLAR LOCATOR 1	CCL1			RES
FCMT - FORM COMP MONITOR	CCL2			RAW COLLAR LOCATOR 2	CCL2			RES
FCMT - FORM COMP MONITOR	TEMP	DEGF	DEGC	INTERNAL TOOL TEMPERATURE	TEMP	degF	degC	RES
FCMT - FORM COMP MONITOR	GR	API	API	GAMMA RAY	GR	gAPI	gAPI	RES
FCMT - FORM COMP MONITOR	RGR3	CPS	CPS	RAW GAMMA RAY 3	RGR3	1.0/S	1.0/S	RES
FCMT - FORM COMP MONITOR	RGR2	CPS	CPS	RAW GAMMA RAY 2	RGR2	1.0/S	1.0/S	RES
FCMT - FORM COMP MONITOR	DXTM	CPS	CPS	ACCELEROMETER TIME	DXTM	1.0/S	1.0/S	RES
FCMT - FORM COMP MONITOR	RGR4	CPS	CPS	RAW GAMMA RAY 4	RGR4	1.0/S	1.0/S	RES
FIAC - FOUR INDEP ARM CALIPER	SO3	IN	MM	STAND OFF ARM 3	STAND3	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	SO4	IN	MM	STAND OFF ARM 4	STAND4	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	SO2	IN	MM	STAND OFF ARM 2	STAND2	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	SO1	IN	MM	STAND OFF ARM 1	STAND1	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	CALA	IN	MM	AVERAGE CALIPER (C1+C2)/2	CALA	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	CAL4	IN	MM	CALIPER 4	CAL4	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	CAL2	IN	MM	CALIPER 2	CAL2	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	CAL1	IN	MM	CALIPER 1	CAL1	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	C24	IN	MM	FOUR ARM CALIPER ARMS 2 & 4	C24	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	C13	IN	MM	FOUR ARM CALIPER ARMS 1 & 3	C13	in	mm	RES
FIAC - FOUR INDEP ARM CALIPER	CAL3	IN	MM	CALIPER 3	CAL3	in	mm	RES
FWST - FULL WAVE SONIC	AMPL	DB	DB	AMPLITUDE	AMPL	dB	dB	RES
FWST - FULL WAVE SONIC	ITT			INTEGRATED TRAVEL TIME MARK	ITT			RES
FWST - FULL WAVE SONIC	GFAR			FAR RECEIVER GAIN	GAIN_F			INP
FWST - FULL WAVE SONIC	FNOI			FAR RECEIVER NOISE	FNOISE			INP
FWST - FULL WAVE SONIC	ERR			ERROR	ERROR			INP
FWST - FULL WAVE SONIC	DTXM			DELTA T AT TRANSMITTER	DT_XMT			INP
FWST - FULL WAVE SONIC	DTUN			DELTA T UNFILTERED	DT_UNF			INP
FWST - FULL WAVE SONIC	ALPH			ALPHA	ALPHA			INP
FWST - FULL WAVE SONIC	DT	US/F	US/M	DELTA TIME COMPRESSIVE	DT	uS/ft	US/M	RES
FWST - FULL WAVE SONIC	ALPH			ALPHA	ALPHA			INP
FWST - FULL WAVE SONIC	MSGR			MSG RECEIVER	MSGRCV			INP
FWST - FULL WAVE SONIC	ITTT			INTEGRATED TRAVEL TIME TOTAL	ITTT			RES
FWST - FULL WAVE SONIC	DTRC			DELTA T AT RECEIVER	DT_RCV			INP
FWST - FULL WAVE SONIC	TT1	US	US	NEAR TRAVEL TIME	TT1	uS	uS	RES
FWST - FULL WAVE SONIC	NNOI			NEAR RECEIVER NOISE	NNOISE			INP
FWST - FULL WAVE SONIC	WFMS			FWST MSG WAVEFORM	WFMSG			INP
FWST - FULL WAVE SONIC	WFFW			MONOPOLE WF; ONE OF TWO WF'S.	WFMT			TEL
FWST - FULL WAVE SONIC	GNEA			NEAR RECEIVER GAIN	GAIN_N			INP
FWST - FULL WAVE SONIC	TT2	US	US	FAR TRAVEL TIME	TT2	uS	uS	RES
FWST - FULL WAVE SONIC	SPHI	DECP	DECP	SONIC POROSITY	SPHI	100 pu	100 pu	RES
FWST - FULL WAVE SONIC	SDT2	US/F	US/M	DELTA T (2 FOOT)	SDT2	uS/ft	US/M	RES
FWST - FULL WAVE SONIC	QDT			DELTA TIME QUALITY	QDT			RES
FWST - FULL WAVE SONIC	PKCD			PICK CODE	PKCODE			INP
FWST - FULL WAVE SONIC	WFFW			HFWS FULL WAVE WAVEFORMS	WFFW			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
GTET-GAMMA TELEMETRY	ACCZ	G	G	ACCELEROMETER Z-AXIS	ACCZ	G	G	RES
GTET-GAMMA TELEMETRY	EGR			GAMMA RAY - EVR	EGR			RES
GTET-GAMMA TELEMETRY	INCL	DEG	DEG	INCLINATION	INCL	deg	deg	RES
GTET-GAMMA TELEMETRY	GR			GAMMA RAY	GR			RES
HDIL - HOSTILE DUAL IND RES	ILM	OHMM	OHMM	INDUCTION MEDIUM RESISTIVITY	ILM	ohm.m	ohm.m	RES
HDIL - HOSTILE DUAL IND RES	SP	MV	MV	SP	SP	mV	mV	RES
HDIL - HOSTILE DUAL IND RES	ILD	OHMM	OHMM	INDUCTION DEEP RESISTIVITY	ILD	ohm.m	ohm.m	RES
HDIL - HOSTILE DUAL IND RES	CILD	MMHO	MS-M	DEEP INDUCTION CONDUCTIVITY	CILD	0.001/ohm	mS.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FE23			DIFF DIELECTRIC CONST 12 17 CM	FE23			RES
HFDT - HI FREQ DIELECTRIC TOOL	FE13			DIFF DIELECTRIC CONST 8 17 CM	FE13			RES
HFDT - HI FREQ DIELECTRIC TOOL	FE12			DIFF DIELECTRIC CONST 8 12 CM	FE12			RES
HFDT - HI FREQ DIELECTRIC TOOL	FDB3	DB	DB	AMPLITUDE 17 CM RECEIVER	FDB3	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	FDB2	DB	DB	AMPLITUDE 12 CM RECEIVER	FDB2	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	FDB1	DB	DB	AMPLITUDE 8 CM RECEIVER	FDB1	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	FD23	DB	DB	DIFF AMPLITUDE 12 17 CM RCVR	FD23	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	FET2			DIELECTRIC CONSTANT 12 CM	FET2			RES
HFDT - HI FREQ DIELECTRIC TOOL	FD13	DB	DB	DIFF AMPLITUDE 8 17 CM RCVR	FD13	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	FET3			DIELECTRIC CONST 17 CM	FET3			RES
HFDT - HI FREQ DIELECTRIC TOOL	FET1			DIELECTRIC CONSTANT 8 CM	FET1			RES
HFDT - HI FREQ DIELECTRIC TOOL	MP1V			MINUS .1 VOLT	MP1V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FTPL	NS/M	NS/M	HFDT TRAVEL TIME	FTPL	NS/M	NS/M	RES
HFDT - HI FREQ DIELECTRIC TOOL	GR16			GROUND 16	GR16			TEL
HFDT - HI FREQ DIELECTRIC TOOL	GR64			GROUND 64	GR64			TEL
HFDT - HI FREQ DIELECTRIC TOOL	GRD1			GROUND 1	GRD1			TEL
HFDT - HI FREQ DIELECTRIC TOOL	GRD4			GROUND 4	GRD4			TEL
HFDT - HI FREQ DIELECTRIC TOOL	HSTA			HFDT TOOL STATUS	HSTA			TEL
HFDT - HI FREQ DIELECTRIC TOOL	IMLA			MICROLOG LATERAL	IMLA			TEL
HFDT - HI FREQ DIELECTRIC TOOL	IMNO			MICROLOG NORMAL	IMNO			TEL
HFDT - HI FREQ DIELECTRIC TOOL	ITEM			RAW TEMPERATURE	ITEM			TEL
HFDT - HI FREQ DIELECTRIC TOOL	ITMP			HFDT TEMPERATURE	TEMP			INP
HFDT - HI FREQ DIELECTRIC TOOL	FETR			TRANS. DIELECTRIC R	FETR			RES
HFDT - HI FREQ DIELECTRIC TOOL	M8V			MINUS 8. VOLT	M8V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FRPY			HFDT REFELECTED POWER Y	FRPY			TEL
HFDT - HI FREQ DIELECTRIC TOOL	MP5V			MINUS .5 VOLT	MP5V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	P2V			POSITIVE 2 VOLT	P2V			TEL

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HFDT - HI FREQ DIELECTRIC TOOL	P8V			POSITIVE 8 VOLT	P8V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	PP1V			POSITIVE .1 VOLT	PP1V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	PP5V			POSITIVE .5 VOLT	PP5V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	RACZ			HFDT Z-ACCELEROMETER RAW	RACZ			TEL
HFDT - HI FREQ DIELECTRIC TOOL	RAD1			CALIPER 1	RAD1			TEL
HFDT - HI FREQ DIELECTRIC TOOL	RAD2			CALIPER 2	RAD2			TEL
HFDT - HI FREQ DIELECTRIC TOOL	TEM2			DSTU TEMPERATURE (F)	DSTEMP			TEL
HFDT - HI FREQ DIELECTRIC TOOL	TPL	NS/M	NS/M	HFDT TRAVEL TIME - LO RES	FTPL25	NS/M	NS/M	RES
HFDT - HI FREQ DIELECTRIC TOOL	ZACC			ACCZ CALIBRATED INPUT FAST	ZACC			INP
HFDT - HI FREQ DIELECTRIC TOOL	M2V			MINUS 2. VOLT	M2V			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR1Y			HFDT REC. #1 Y COMPONENT	FR1Y			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FPH1	DEGREE	DEGREE	PHASE 8 CM RECEIVER	FPH1	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	FIPY			HFDT INCIDENT POWER Y	FIPY			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FP12	DEGREE	DEGREE	DIFF PHASE 8 12CM RECEIVER	FP12	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	FP13	DEGREE	DEGREE	DIFF PHASE 8 17CM RECEIVER	FP13	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	FP23	DEGREE	DEGREE	DIFF PHASE 12 17CM RECEIVER	FP23	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	FPH2	DEGREE	DEGREE	PHASE 12 CM RECEIVER	FPH2	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	FPHX	DECP	DECP	HFDT POROSITY	FPHX	100 pu	100 pu	RES
HFDT - HI FREQ DIELECTRIC TOOL	FPHY			HFDT QUALITY	FPHY			RES
HFDT - HI FREQ DIELECTRIC TOOL	FR1	OHMM	OHMM	RESISTIVITY 8 CM	FR1	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR12	OHMM	OHMM	DIFF RESISTIVITY 8 12 CM	FR12	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR13	OHMM	OHMM	DIFF RESISTIVITY 8 17CM	FR13	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FT25	NS/M	NS/M	HFDT TRAVEL TIME - LO RES	FTPL25	NS/M	NS/M	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR1X			HFDT REC. #1 X COMPONENT	FR1X			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FRTR	OHMM	OHMM	TRANS. RESISTIVITY	FRTR	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR2	OHMM	OHMM	RESISTIVITY 12 CM	FR2	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR23	OHMM	OHMM	DIFF RESISTIVITY 12 17CM	FR23	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR2G			HFDT REC. #2 GAIN	FR2G			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR2X			HFDT REC. #2 X COMPONENT	FR2X			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR2Y			HFDT REC. #2 Y COMPONENT	FR2Y			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR3	OHMM	OHMM	RESISTIVITY 17 CM	FR3	ohm.m	ohm.m	RES
HFDT - HI FREQ DIELECTRIC TOOL	FR3G			HFDT REC. #3 GAIN	FR3G			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR3X			HFDT REC. #3 X COMPONENT	FR3X			TEL

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HFDT - HI FREQ DIELECTRIC TOOL	FR3Y			HFDT REC. #3 Y COMPONENT	FR3Y			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FRPX			HFDT REFELECTED POWER X	FRPX			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FIPX			HFDT INCIDENT POWER X	FIPX			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FR1G			HFDT REC. #1 GAIN	FR1G			TEL
HFDT - HI FREQ DIELECTRIC TOOL	AG1			AUX GROUND 1	AG1			TEL
HFDT - HI FREQ DIELECTRIC TOOL	FPH3	DEGREE	DEGREE	PHASE 17 CM RECEIVER	FPH3	deg	deg	RES
HFDT - HI FREQ DIELECTRIC TOOL	AC	DB/M	DB/M	ATTENUATION CORRECTED - LO RES	FAC25	DB/M	DB/M	RES
HFDT - HI FREQ DIELECTRIC TOOL	FD12	DB	DB	DIFF AMPLITUDE 8 12 CM RCVR	FD12	dB	dB	RES
HFDT - HI FREQ DIELECTRIC TOOL	AG16			AUX GROUND 16	AG16			TEL
HFDT - HI FREQ DIELECTRIC TOOL	AG4			AUX GROUND 4	AG4			TEL
HFDT - HI FREQ DIELECTRIC TOOL	AG64			AUX GROUND 64	AG64			TEL
HFDT - HI FREQ DIELECTRIC TOOL	DXTM	08.3MS	08.3MS	HFDT Z-ACCELEROMETER TIME BASE	DXTM	8.3 mS	8.3 mS	INP
HFDT - HI FREQ DIELECTRIC TOOL	FA25	DB/M	DB/M	ATTENUATION CORRECTED - LO RES	FAC25	DB/M	DB/M	RES
HFDT - HI FREQ DIELECTRIC TOOL	FAC	DB/M	DB/M	ATTENUATION CORRECTED	FAC	dB/m	dB/m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF06	OHMM	OHMM	HRAI 60 IN RAD RESIST 4FT	HF06	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HMR			HRI MEDIUM RAW R	HMR			RES
HRAI/HRI - HIGH RES ARRAY IND	HMCN	MMHO	MS-M	HRI MEDIUM CONDUCTIVITY	HMCN	0.001/ohm	mS.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HMC1	MMHO	MS-M	HRI MEDIUM CONDUCTIVITY 1FT	HMC1	0.001/ohm	mS.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF12	OHMM	OHMM	HRAI 120 IN RAD RESIST 4FT	HF12	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF09	OHMM	OHMM	HRAI 90 IN RAD RESIST 4FT	HF09	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HMR1	OHMM	OHMM	HRI MEDIUM RESISTIVITY 1FT	HMR1	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF03	OHMM	OHMM	HRAI 30 IN RAD RESIST 4FT	HF03	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF02	OHMM	OHMM	HRAI 20 IN RAD RESIST 4FT	HF02	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HF01	OHMM	OHMM	HRAI 10 IN RAD RESIST 4FT	HF01	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HMRS	OHMM	OHMM	HRI MEDIUM RESISTIVITY	HMRS	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HDRS	OHMM	OHMM	HRI DEEP RESISTIVITY	HDRS	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO09	OHMM	OHMM	HRAI 90 IN RAD RESIST 1FT	HO09	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HDR1	OHMM	OHMM	HRI DEEP RESISTIVITY 1FT	HDR1	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HDR			HRI DEEP RAW R	HDR			RES
HRAI/HRI - HIGH RES ARRAY IND	HDX			HRI DEEP RAW X	HDX			RES
HRAI/HRI - HIGH RES ARRAY IND	HO24	OHMM	OHMM	HRI DEEP RES 1FT 24 INCH I	HO24	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HRM1			HRI MAP - ONE FOOT	HRM1			RES
HRAI/HRI - HIGH RES ARRAY IND	HRFX			XMTR REF 32KHz X SIGNAL	X32KRF			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	HRFR			XMTR REF 32KHz R SIGNAL	R32KRF			INP
HRAI/HRI - HIGH RES ARRAY IND	HO90	OHMM	OHMM	HRI DEEP RES 1FT 90 INCH I	HO90	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO60	OHMM	OHMM	HRI DEEP RES 1FT 60 INCH I	HO60	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO03	OHMM	OHMM	HRAI 30 IN RAD RESIST 1FT	HO03	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO30	OHMM	OHMM	HRI DEEP RES 1FT 30 INCH I	HO30	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HMX			HRI MEDIUM RAW X	HMX			RES
HRAI/HRI - HIGH RES ARRAY IND	HO12	OHMM	OHMM	HRAI 120 IN RAD RESIST 1FT	HO12	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HD3R	MMHO	MMHO	LOWER 54" RCVR 32KHz R SIGNAL	HD3R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HO06	OHMM	OHMM	HRAI 60 IN RAD RESIST 1FT	HO06	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HDCN	MMHO	MS-M	HRI DEEP CONDUCTIVITY	HDCN	0.001/ohm	mS.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO02	OHMM	OHMM	HRAI 20 IN RAD RESIST 1FT	HO02	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO01	OHMM	OHMM	HRAI 10 IN RAD RESIST 1FT	HO01	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HO40	OHMM	OHMM	HRI DEEP RES 1FT 40 INCH I	HO40	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE2	MMHO	MMHO	SKIN EFFECT CORRECTIONS D3	DSE2	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DT18	OHMM	OHMM	AVG DECON 18" 2FT	DT18	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE9	MMHO	MMHO	SKIN EFFECT CORRECTIONS U1	DSE9	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE8	MMHO	MMHO	SKIN EFFECT CORRECTIONS U2	DSE8	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE7	MMHO	MMHO	SKIN EFFECT CORRECTIONS U3	DSE7	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE6	MMHO	MMHO	SKIN EFFECT CORRECTIONS U4	DSE6	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE5	MMHO	MMHO	SKIN EFFECT CORRECTIONS D6	DSE5	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	HD4R	MMHO	MMHO	LOWER 42" RCVR 32KHz R SIGNAL	HD4R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DSE3	MMHO	MMHO	SKIN EFFECT CORRECTIONS D4	DSE3	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DT54	OHMM	OHMM	AVG DECON 54" 2FT	DT54	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE1	MMHO	MMHO	SKIN EFFECT CORRECTIONS D2	DSE1	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE0	MMHO	MMHO	SKIN EFFECT CORRECTIONS D1	DSE0	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DRCO	MMHO	MMHO	HRI DEEP R CORRECTION	DRCO	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQZE	MMHO	MMHO	HRI DEEP QUALITY ZERO	DQZER	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DQU9	MMHO	MMHO	QUALITY U1	DQU9	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU8	MMHO	MMHO	QUALITY U2	DQU8	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DSE4	MMHO	MMHO	SKIN EFFECT CORRECTIONS U5	DSE4	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	HD1R	MMHO	MMHO	LOWER 78" RVCR 32KHz R SIGNAL	HD1R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	ZM			DFL MEASURE Z	ZM			RES
HRAI/HRI - HIGH RES ARRAY IND	HD6R	MMHO	MMHO	LOWER 18" RCVR 32KHz R SIGNAL	HD6R	0.001/ohm	0.001/ohm	INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	HRM2			HRI MAP - TWO FOOT	HRM2			RES
HRAI/HRI - HIGH RES ARRAY IND	HD3X	MMHO	MMHO	LOWER 54" RCVR 32KHz X SIGNAL	HD3X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HT12	OHMM	OHMM	HRAI 120 IN RAD RESIST 2FT	HT12	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HD2X	MMHO	MMHO	LOWER 69" RCVR 32KHz X SIGNAL	HD2X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DT30	OHMM	OHMM	AVG DECON 30" 2FT	DT30	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HD1X	MMHO	MMHO	LOWER 78" RCVR 32KHz X SIGNAL	HD1X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DT42	OHMM	OHMM	AVG DECON 42" 2FT	DT42	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	ECC			ECCENTRICITY	ECC			RES
HRAI/HRI - HIGH RES ARRAY IND	DZM			DFL MEASURE DELTA Z	DZM			RES
HRAI/HRI - HIGH RES ARRAY IND	DZB			DFL BUCK DELTA Z	DZB			RES
HRAI/HRI - HIGH RES ARRAY IND	DXCO	MMHO	MMHO	HRI DEEP X CORRECTION	DXCO	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DT78	OHMM	OHMM	AVG DECON 78" 2FT	DT78	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DT69	OHMM	OHMM	AVG DECON 69" 2FT	DT69	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HDC1	MMHO	MS-M	HRI DEEP CONDUCTIVITY 1FT	HDC1	0.001/ohm	mS.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HD2R	MMHO	MMHO	LOWER 69" RCVR 32KHz R SIGNAL	HD2R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LSO			LEFT STANDOFF	LSO			RES
HRAI/HRI - HIGH RES ARRAY IND	LD4R	MMHO	MMHO	LOWER 42" RCVR 8 KHz R SIGNAL	LD4R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD4X	MMHO	MMHO	LOWER 42" RCVR 8 KHz X SIGNAL	LD4X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD6R	MMHO	MMHO	LOWER 18" RCVR 8 KHz R SIGNAL	LD6R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD6X	MMHO	MMHO	LOWER 18" RCVR 8 KHz X SIGNAL	LD6X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LMAN			LEFT MANDREL	LMAN			RES
HRAI/HRI - HIGH RES ARRAY IND	HT06	OHMM	OHMM	HRAI 60 IN RAD RESIST 2FT	HT06	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	LRFX			XMTR REF 8 KHz X SIGNAL	X8KREF			INP
HRAI/HRI - HIGH RES ARRAY IND	LD2X	MMHO	MMHO	LOWER 69" RCVR 8 KHz X SIGNAL	LD2X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU1R	MMHO	MMHO	UPPER 78" RCVR 8 KHz R SIGNAL	LU1R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU1X	MMHO	MMHO	UPPER 78" RCVR 8 HKz X SIGNAL	LU1X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU2R	MMHO	MMHO	UPPER 69" RCVR 8 KHz R SIGNAL	LU2R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU2X	MMHO	MMHO	UPPER 69" RCVR 8 KHz X SIGNAL	LU2X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU3R	MMHO	MMHO	UPPER 54" RCVR 8 KHz R SIGNAL	LU3R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU3X	MMHO	MMHO	UPPER 54" RCVR 8 KHz X SIGNAL	LU3X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LRFR			XMTR REF 8 KHz R SIGNAL	R8KREF			INP
HRAI/HRI - HIGH RES ARRAY IND	HD4X	MMHO	MMHO	LOWER 42" RCVR 32KHz X SIGNAL	HD4X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU1X	MMHO	MMHO	UPPER 78" RCVR 32KHz X SIGNAL	HU1X	0.001/ohm	0.001/ohm	INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	HU2R	MMHO	MMHO	UPPER 69" RCVR 32KHz R SIGNAL	HU2R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU2X	MMHO	MMHO	UPPER 69" RCVR 32KHz X SIGNAL	HU2X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU3R	MMHO	MMHO	UPPER 54" RCVR 32KHz R SIGNAL	HU3R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU3X	MMHO	MMHO	UPPER 54" RCVR 32KHz X SIGNAL	HU3X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU4R	MMHO	MMHO	UPPER 42" RCVR 32KHz R SIGNAL	HU4R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD3X	MMHO	MMHO	LOWER 54" RCVR 8 KHz X SIGNAL	LD3X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU5R	MMHO	MMHO	UPPER 30" RCVR 32KHz R SIGNAL	HU5R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD3R	MMHO	MMHO	LOWER 54" RCVR 8 KHz R SIGNAL	LD3R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU5X	MMHO	MMHO	UPPER 30" RCVR 32KHz X SIGNAL	HU5X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DQU7	MMHO	MMHO	QUALITY U3	DQU7	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	LD1R	MMHO	MMHO	LOWER 78" RCVR 8 KHz R SIGNAL	LD1R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD1X	MMHO	MMHO	LOWER 78" RCVR 8 KHz X SIGNAL	LD1X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LD2R	MMHO	MMHO	LOWER 69" RCVR 8 KHz R SIGNAL	LD2R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	LU5R	MMHO	MMHO	UPPER 30" RCVR 8 KHz R SIGNAL	LU5R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HU4X	MMHO	MMHO	UPPER 42" RCVR 32KHz X SIGNAL	HU4X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	HT60	OHMM	OHMM	HRI DEEP RES. 2FT RES 60INCH I	HT60	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	LU4R	MMHO	MMHO	UPPER 42" RCVR 8 KHz R SIGNAL	LU4R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	VRES	IN	IN	HRI VERTICAL RESOLUTION	VRES	IN	IN	RES
HRAI/HRI - HIGH RES ARRAY IND	VRES	FT	FT	RESOLUTION OF VAR CURVES	VRES	ft	ft	RES
HRAI/HRI - HIGH RES ARRAY IND	XFRA			HRI DEEP X FRACTION	XFRAC			RES
HRAI/HRI - HIGH RES ARRAY IND	XHRF			XMTR REF 32KHz X DELAYED	XHRF			INP
HRAI/HRI - HIGH RES ARRAY IND	ZB			DFL BUCK Z	ZB			RES
HRAI/HRI - HIGH RES ARRAY IND	STEM	DEGF	DEGC	HRI SONDE TEMPERATURE	STEM	degF	degC	RES
HRAI/HRI - HIGH RES ARRAY IND	HT90	OHMM	OHMM	HRI DEEP RES. 2FT RES 90INCH I	HT90	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	SP	MV	MV	ANALOG SPONTANEOUS POTENTIAL	SP	mV	mV	INP
HRAI/HRI - HIGH RES ARRAY IND	HT40	OHMM	OHMM	HRI DEEP RES. 2FT RES 40INCH I	HT40	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HT30	OHMM	OHMM	HRI DEEP RES. 2FT RES 30INCH I	HT30	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HT24	OHMM	OHMM	HRI DEEP RES. 2FT RES 24INCH I	HT24	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HT09	OHMM	OHMM	HRAI 90 IN RAD RESIST 2FT	HT09	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HT03	OHMM	OHMM	HRAI 30 IN RAD RESIST 2FT	HT03	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HT02	OHMM	OHMM	HRAI 20 IN RAD RESIST 2FT	HT02	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	HU1R	MMHO	MMHO	UPPER 78" RCVR 32KHz R SIGNAL	HU1R	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	RMUD	OHMM	OHMM	MUD RESISTIVITY	RMUD	ohm.m	ohm.m	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	HT01	OHMM	OHMM	HRAI 10 IN RAD RESIST 2FT	HT01	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	LU5X	MMHO	MMHO	UPPER 30" RCVR 8 KHz X SIGNAL	LU5X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	MQCA	MMHO	MMHO	HRI MEDIUM QUALITY CAL	MQCAL	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	MQZE	MMHO	MMHO	HRI MEDIUM QUALITY ZERO	MQZER	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	MRCO	MMHO	MMHO	HRI MEDIUM R CORRECTION	MRCO	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	MXCO	MMHO	MMHO	HRI MEDIUM X CORRECTION	MXCO	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	TMPF	DEGF	DEGC	FEEDPIPE TEMP CALCULATED	TMPF	degF	degC	RES
HRAI/HRI - HIGH RES ARRAY IND	RMAN			RIGHT MANDREL	RMAN			RES
HRAI/HRI - HIGH RES ARRAY IND	LU4X	MMHO	MMHO	UPPER 42" RCVR 8 KHz X SIGNAL	LU4X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	RSO			RIGHT STANDOFF	RSO			RES
HRAI/HRI - HIGH RES ARRAY IND	RT	OHMM	OHMM	UNINVADED ZONE RESISTIVITY	RT	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	RX0	OHMM	OHMM	INVADED ZONE RESISTIVITY	RX0	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	RXRT			RXO OVER RT	RXRT			RES
HRAI/HRI - HIGH RES ARRAY IND	RXRT			RXO OVER RT	RXRT			RES
HRAI/HRI - HIGH RES ARRAY IND	SP	MV	MV	SPONTANEOUS POTENTIAL	SP	mV	mV	RES
HRAI/HRI - HIGH RES ARRAY IND	RHRF			XMTR REF 32KHz R DELAYED	RHRF			INP
HRAI/HRI - HIGH RES ARRAY IND	DBH2	MMHO	MMHO	BOREHOLE CORRECTIONS D3	DBH2	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DDRY			HRI DECONVOLED DEEP RY	DDRY			RES
HRAI/HRI - HIGH RES ARRAY IND	CT03	MMHO	MMHO	HRAI 30 IN RADIAL COND 2FT	CT03	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CT06	MMHO	MMHO	HRAI 60 IN RADIAL COND 2FT	CT06	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CT09	MMHO	MMHO	HRAI 90 IN RADIAL COND 2FT	CT09	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CT12	MMHO	MMHO	HRAI 120 IN RADIAL COND 2FT	CT12	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	D1	IN	MM	INNER RADIAL DEPTH OF INVASION	D1	in	mm	RES
HRAI/HRI - HIGH RES ARRAY IND	D2	IN	IN	OUTTER RADIAL DPTH OF INVASION	D2	in	IN	RES
HRAI/HRI - HIGH RES ARRAY IND	CT01	MMHO	MMHO	HRAI 10 IN RADIAL COND 2FT	CT01	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH1	MMHO	MMHO	BOREHOLE CORRECTIONS D2	DBH1	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO12	MMHO	MMHO	HRAI 120 IN RADIAL COND 1FT	CO12	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH3	MMHO	MMHO	BOREHOLE CORRECTIONS D4	DBH3	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH4	MMHO	MMHO	BOREHOLE CORRECTIONS U5	DBH4	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH5	MMHO	MMHO	BOREHOLE CORRECTIONS D6	DBH5	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH6	MMHO	MMHO	BOREHOLE CORRECTIONS U4	DBH6	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH7	MMHO	MMHO	BOREHOLE CORRECTIONS U3	DBH7	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DBH8	MMHO	MMHO	BOREHOLE CORRECTIONS U2	DBH8	0.001/ohm	0.001/ohm	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	DBH9	MMHO	MMHO	BOREHOLE CORRECTIONS U1	DBH9	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	HD6X	MMHO	MMHO	LOWER 18" RCVR 32KHz X SIGNAL	HD6X	0.001/ohm	0.001/ohm	INP
HRAI/HRI - HIGH RES ARRAY IND	DBH0	MMHO	MMHO	BOREHOLE CORRECTIONS D1	DBH0	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CF06	MMHO	MMHO	HRAI 60 IN RADIAL COND 4FT	CF06	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	BH30	MMHO	MMHO	BOREHOLE CORRECTIONS 30"	BH30	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	BH42	MMHO	MMHO	BOREHOLE CORRECTIONS 42"	BH42	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	BH54	MMHO	MMHO	BOREHOLE CORRECTIONS 54"	BH54	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	BH69	MMHO	MMHO	BOREHOLE CORRECTIONS 69"	BH69	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	BH78	MMHO	MMHO	BOREHOLE CORRECTIONS 78"	BH78	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CALC	IN	IN	CALC DIAMETER	CALC	in	IN	RES
HRAI/HRI - HIGH RES ARRAY IND	CF01	MMHO	MMHO	HRAI 10 IN RADIAL COND 4FT	CF01	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CT02	MMHO	MMHO	HRAI 20 IN RADIAL COND 2FT	CT02	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CF03	MMHO	MMHO	HRAI 30 IN RADIAL COND 4FT	CF03	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DDX			HRI DECONVOLED DEEP X	DDX			RES
HRAI/HRI - HIGH RES ARRAY IND	CF09	MMHO	MMHO	HRAI 90 IN RADIAL COND 4FT	CF09	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CF12	MMHO	MMHO	HRAI 120 IN RADIAL COND 4FT	CF12	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO01	MMHO	MMHO	HRAI 10 IN RADIAL COND 1FT	CO01	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO01	MMHO	MMHO	HRAI 10 IN RADIAL COND 1FT	CO01	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO02	MMHO	MMHO	HRAI 20 IN RADIAL COND 1FT	CO02	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO03	MMHO	MMHO	HRAI 30 IN RADIAL COND 1FT	CO03	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO06	MMHO	MMHO	HRAI 60 IN RADIAL COND 1FT	CO06	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CO09	MMHO	MMHO	HRAI 90 IN RADIAL COND 1FT	CO09	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	CF02	MMHO	MMHO	HRAI 20 IN RADIAL COND 4FT	CF02	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DO69	OHMM	OHMM	AVG DECON 69" 1FT	DO69	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DDRX			HRI DECONVOLED DEEP RX	DDRX			RES
HRAI/HRI - HIGH RES ARRAY IND	DLS4	OHMM	OHMM	SYMMETRIZED 8K S42"	DLS4	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DLU5	OHMM	OHMM	VERT DECON 8K UPPER 30"	DLU5	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DMR			HRI DECONVOLED MEDIUM R	DMR			RES
HRAI/HRI - HIGH RES ARRAY IND	DMY			HRI DECONVOLED MEDIUM Y	DMY			RES
HRAI/HRI - HIGH RES ARRAY IND	DO18	OHMM	OHMM	AVG DECON 18" 1FT	DO18	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DO30	OHMM	OHMM	AVG DECON 30" 1FT	DO30	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DLS2	OHMM	OHMM	SYMMETRIZED 8K S69"	DLS2	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DO54	OHMM	OHMM	AVG DECON 54" 1FT	DO54	ohm.m	ohm.m	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
HRAI/HRI - HIGH RES ARRAY IND	DLS1	OHMM	OHMM	SYMMETRIZED 8K S78"	DLS1	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DO78	OHMM	OHMM	AVG DECON 78" 1FT	DO78	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DQCA			HRI DEEP QUALITY CAL	DQCAL			INP
HRAI/HRI - HIGH RES ARRAY IND	DQU0	MMHO	MMHO	QUALITY D1	DQU0	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU1	MMHO	MMHO	QUALITY D2	DQU1	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU2	MMHO	MMHO	QUALITY D3	DQU2	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU3	MMHO	MMHO	QUALITY D4	DQU3	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU4	MMHO	MMHO	QUALITY U5	DQU4	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU5	MMHO	MMHO	QUALITY D6	DQU5	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DO42	OHMM	OHMM	AVG DECON 42" 1FT	DO42	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DFLF	OHMM	OHMM	DIGITALLY FOCUSED LATEROLOG FL	DFLF	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DDY			HRI DECONVOLED DEEP Y	DDY			RES
HRAI/HRI - HIGH RES ARRAY IND	DF18	OHMM	OHMM	AVG DECON 18" 4FT	DF18	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DF30	OHMM	OHMM	AVG DECON 30" 4FT	DF30	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DF42	OHMM	OHMM	AVG DECON 42" 4FT	DF42	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DF54	OHMM	OHMM	AVG DECON 54" 4FT	DF54	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DF69	OHMM	OHMM	AVG DECON 69" 4FT	DF69	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DQU6	MMHO	MMHO	QUALITY U4	DQU6	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DLS3	OHMM	OHMM	SYMMETRIZED 8K S54"	DLS3	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DFL	OHMM	OHMM	DIGITALLY FOCUSED LATEROLOG	DFL	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	BH18	MMHO	MMHO	BOREHOLE CORRECTIONS 18"	BH18	0.001/ohm	0.001/ohm	RES
HRAI/HRI - HIGH RES ARRAY IND	DHD6	OHMM	OHMM	VERT DECON 32K LOWER 18"	DHD6	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DHS1	OHMM	OHMM	SYMMETRIZED 32K S78"	DHS1	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DHS2	OHMM	OHMM	SYMMETRIZED 32K S69"	DHS2	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DHS3	OHMM	OHMM	SYMMETRIZED 32K S54"	DHS3	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DHS4	OHMM	OHMM	SYMMETRIZED 32K S42"	DHS4	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DHU5	OHMM	OHMM	VERT DECON 32K UPPER 30"	DHU5	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DI	IN	IN	RADIAL DEPTH OF INVASION	DI	IN	IN	RES
HRAI/HRI - HIGH RES ARRAY IND	DLD6	OHMM	OHMM	VERT DECON 8K LOWER 18"	DLD6	ohm.m	ohm.m	RES
HRAI/HRI - HIGH RES ARRAY IND	DF78	OHMM	OHMM	AVG DECON 78" 4FT	DF78	ohm.m	ohm.m	RES
HSN - SHORT NORMAL RES	SGRU	OHMM	OHMM	UNFILTERED NORMAL RESISTIVITY	SGRU	ohm.m	ohm.m	RES
HSN - SHORT NORMAL RES	SGRD	OHMM	OHMM	SHORT NORMAL RESISTIVITY	SGRD	ohm.m	ohm.m	RES
HSN - SHORT NORMAL RES	RXRT			RXO OVER RT	RXRT			RES
ICT - SIX INDEP ARM CALIPER	SO1	IN	MM	STAND OFF ARM 1	STAND1	in	mm	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
ICT - SIX INDEP ARM CALIPER	RAD6	IN	MM	RADIUS CALIPER ARM # 6	RAD6	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RAD5	IN	MM	RADIUS CALIPER ARM # 5	RAD5	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RAD4	IN	MM	RADIUS CALIPER ARM # 4	RAD4	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RAD3	IN	MM	RADIUS CALIPER ARM # 3	RAD3	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RAD2	IN	MM	RADIUS CALIPER ARM # 2	RAD2	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RAD1	IN	MM	RADIUS CALIPER ARM # 1	RAD1	in	mm	RES
ICT - SIX INDEP ARM CALIPER	SO6	IN	MM	STAND OFF ARM 6	STAND6	in	mm	RES
ICT - SIX INDEP ARM CALIPER	SO5	IN	MM	STAND OFF ARM 5	STAND5	in	mm	RES
ICT - SIX INDEP ARM CALIPER	SO4	IN	MM	STAND OFF ARM 4	STAND4	in	mm	RES
ICT - SIX INDEP ARM CALIPER	HAZI	DEG	DEG	DRIFT AZIMUTH	HAZI	deg	deg	RES
ICT - SIX INDEP ARM CALIPER	SO2	IN	MM	STAND OFF ARM 2	STAND2	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL6	IN	MM	ICT CALIPER ARM #6	CAL6	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CALA	IN	MM	ICT AVERAGE CALIPER	CALA	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL5	IN	MM	ICT CALIPER ARM #5	CAL5	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL3	IN	MM	ICT CALIPER ARM #3	CAL3	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL2	IN	MM	ICT CALIPER ARM #2	CAL2	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL1	IN	MM	ICT CALIPER ARM #1	CAL1	in	mm	RES
ICT - SIX INDEP ARM CALIPER	C36	IN	MM	ICT CALIPER PAIR 3-6	C36	in	mm	RES
ICT - SIX INDEP ARM CALIPER	C25	IN	MM	ICT CALIPER PAIR 2-5	C25	in	mm	RES
ICT - SIX INDEP ARM CALIPER	C14	IN	MM	ICT CALIPER PAIR 1-4	C14	in	mm	RES
ICT - SIX INDEP ARM CALIPER	SO3	IN	MM	STAND OFF ARM 3	STAND3	in	mm	RES
ICT - SIX INDEP ARM CALIPER	CAL4	IN	MM	ICT CALIPER ARM #4	CAL4	in	mm	RES
ICT - SIX INDEP ARM CALIPER	HAZI	DEG	DEG	DRIFT AZIMUTH	HAZI	deg	deg	RES
ICT - SIX INDEP ARM CALIPER	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
ICT - SIX INDEP ARM CALIPER	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
ICT - SIX INDEP ARM CALIPER	DCAL	IN	MM	DIFFERENTIAL CLAIPER	DCAL	in	mm	RES
ICT - SIX INDEP ARM CALIPER	HDIA	IN	MM	MEASURED HOLE DIAMETER	HDIA	in	mm	RES
ICT - SIX INDEP ARM CALIPER	RB	DEG	DEG	RELEATIVE BEARNING	RB	deg	deg	RES
ICT - SIX INDEP ARM CALIPER	PRES			CALIPER PAD FORCE	PRES			RES
ICT - SIX INDEP ARM CALIPER	DMIN	IN	MM	MINIMUM CALIPER PAIR	DMIN	in	mm	RES
ICT - SIX INDEP ARM CALIPER	DMAX	IN	MM	MAXIMUM CALIPER PAIR	DMAX	in	mm	RES
IDT - INSITE DIRECTIONAL TOOL	RB	DEG	DEG	RELATIVE BEARING	RB	deg	deg	RES
IDT - INSITE DIRECTIONAL TOOL	MAGD			MAGNETIC DIP FOR DIRECT TOOL	MAGD			RES
IDT - INSITE DIRECTIONAL TOOL	MAGZ			MAGNETOMETER Z-AXIS	MAGZ			RES
IDT - INSITE DIRECTIONAL TOOL	MAGY			MAGNETOMETER Y-AXIS	MAGY			RES
IDT - INSITE DIRECTIONAL TOOL	MAGX			MAGNETOMETER X-AXIS	MAGX			RES
IDT - INSITE DIRECTIONAL TOOL	TLFC			TOOL FACE DIRECTION	TLFC			RES
IDT - INSITE DIRECTIONAL TOOL	GTOT			TOAL GRAVITY FIELD - NAV TOOL	GTOT			RES
IDT - INSITE DIRECTIONAL TOOL	BTOT			TOAL MAGNETIC FIELD - NAV TOOL	BTOT			RES
IDT - INSITE DIRECTIONAL TOOL	AZI1	DEG	DEG	PAD 1 AZIMUTH	AZI1	deg	deg	RES
IDT - INSITE DIRECTIONAL TOOL	ACCZ	G	G	ACCELEROMETER Z-AXIS	ACCZ	G	G	RES
IDT - INSITE DIRECTIONAL TOOL	ACCQ	G	G	ACCELEROMETER QUALITY	ACCQ	G	G	RES
IDT - INSITE DIRECTIONAL TOOL	ACCX	G	G	ACCELEROMETER X-AXIS	ACCX	G	G	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
IDT - INSITE DIRECTIONAL TOOL	MTMP			MAGNET TEMPERATURE	MTMP			RES
IDT - INSITE DIRECTIONAL TOOL	ACCY	G	G	ACCELEROMETER Y-AXIS	ACCY	G	G	RES
IDT - INSITE DIRECTIONAL TOOL	MAGQ			CALCULATED MAGNETIC FIELD	MAGQ			RES
MACT - MULTI-ARM CALIPER	CALA	IN	MM	AVERAGE CALIPER	CALA	in	mm	RES
MACT - MULTI-ARM CALIPER	MXID	IN	MM	CASING MAXIMUM ID	MXID	in	mm	RES
MACT - MULTI-ARM CALIPER	MNID	IN	MM	CASING MINIMUM ID	MNID	in	mm	RES
MACT - MULTI-ARM CALIPER	RMWL	IN	MM	REMAINING WALL THICKNESS	RMWL	in	mm	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC3	PU	PU	Bin Sums 1-3 for display	PC3	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC2	PU	PU	Bin Sums 1-2 for display	PC2	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC4	PU	PU	Bin Sums 1-4 for display	PC4	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC5	PU	PU	Bin Sums 1-5 for display	PC5	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC1	PU	PU	Bin Sums 1-1 for display	PC1	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	P9	PU	PU	BIN 9 Porosity	P9	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P7	PU	PU	BIN 7 Porosity	P7	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P6	PU	PU	BIN 6 Porosity	P6	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	TPW			TOTAL POROSITY Distribution	TPW			RES
MRIL - MAGNETIC RESONANCE IMAGE	P5	PU	PU	BIN 5 Porosity	P5	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	PC6	PU	PU	Bin Sums 1-6 for display	PC6	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	SEQN			Sequence Number	SEQN			INP
MRIL - MAGNETIC RESONANCE IMAGE	P8	PU	PU	BIN 8 Porosity	P8	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	PC7	PU	PU	Bin Sums 1-7 for display	PC7	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC8	PU	PU	Bin Sums 1-8 for display	PC8	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC9	PU	PU	Bin Sums 1-9 for display	PC9	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC10	PU	PU	Bin Sums 1-10 for display	PC10	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC11	PU	PU	Bin Sums 1-11 for display	PC11	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC12	PU	PU	Bin Sums 1-12 for display	PC12	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PC13	PU	PU	Bin Sums 1-13 for display	PC13	pu	pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	WTME			MRIL WAIT TIEM	WTME			INP
MRIL - MAGNETIC RESONANCE IMAGE	PERM			Computed Permiability	PERM			INP
MRIL - MAGNETIC RESONANCE IMAGE	RDSP			Raw Echos for Display	RDSP			INP
MRIL - MAGNETIC RESONANCE IMAGE	STAT			DATA STATUS	STAT			INP
MRIL - MAGNETIC RESONANCE IMAGE	T2W	MSEC	MSEC	T2 Distribution Waveform	T2W	MSEC	MSEC	RES
MRIL - MAGNETIC RESONANCE IMAGE	TPHI	DECP	DECP	MRIL FULL POROSITY	TPHI	100 pu	100 pu	RES
MRIL - MAGNETIC RESONANCE IMAGE	PHA			Corrected Echo Phases	PHAS			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
MRIL - MAGNETIC RESONANCE IMAGE	FRQ3			MRIL FREQUENCY 3	FRQ3			INP
MRIL - MAGNETIC RESONANCE IMAGE	P4	PU	PU	BIN 4 Porosity	P4	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	FRQ4			MRIL FREQUENCY 4	FRQ4			INP
MRIL - MAGNETIC RESONANCE IMAGE	ACTN			MRIL ACTIVATION NAME	ACTN			INP
MRIL - MAGNETIC RESONANCE IMAGE	TE			MRIL ECHO SPACING	TE			INP
MRIL - MAGNETIC RESONANCE IMAGE	FRQ2			MRIL FREQUENCY 2	FRQ2			INP
MRIL - MAGNETIC RESONANCE IMAGE	FRQ1			MRIL FREQUENCY 1	FRQ1			INP
MRIL - MAGNETIC RESONANCE IMAGE	FRQ0			MRIL FREQUENCY 0	FRQ0			INP
MRIL - MAGNETIC RESONANCE IMAGE	ANT	DEG	DEG	ANTENNA TEMPERATURE	ANT	deg	deg	INP
MRIL - MAGNETIC RESONANCE IMAGE	B1	MG	MG	B1 SENSOR	B1	MG	MG	INP
MRIL - MAGNETIC RESONANCE IMAGE	B1MD	MG	MG	B1 ADJUSTED for TEMPERATURE	B1MOD	MG	MG	INP
MRIL - MAGNETIC RESONANCE IMAGE	CHI			CHI from analysis	CHI			INP
MRIL - MAGNETIC RESONANCE IMAGE	DIH			DIAM of INVESTIGATION HYDROGEN	DIH			RES
MRIL - MAGNETIC RESONANCE IMAGE	ECHO			Corrected Echo Amplitudes	ECHO			INP
MRIL - MAGNETIC RESONANCE IMAGE	GAIN			MRIL GAIN	GAIN			INP
MRIL - MAGNETIC RESONANCE IMAGE	MBVI	PU	PU	MRIL Bound Volume	MBVI	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	MDPT			DATA DEPTH	MDPT			INP
MRIL - MAGNETIC RESONANCE IMAGE	MPHI	PU	PU	MRIL EFFECTIVE POROSITY	MPHI	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P1	PU	PU	BIN 1 Porosity	P1	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P10	PU	PU	BIN 10 Porosity	P10	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P11	PU	PU	BIN 11 Porosity	P11	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P3	PU	PU	BIN 3 Porosity	P3	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P12	PU	PU	BIN 12 Porosity	P12	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P2	PU	PU	BIN 2 Porosity	P2	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	P13	PU	PU	BIN 13 Porosity	P13	pu	pu	INP
MRIL - MAGNETIC RESONANCE IMAGE	DIS			DIAM of INVESTIGATION SODIUM	DIS			RES
MSFL/ML - MICRO RES	MNOR	OHMM	OHMM	MICROLOG NORMAL	MNOR	ohm.m	ohm.m	RES
MSFL/ML - MICRO RES	MSFL	OHMM	OHMM	MSFL (FRXO)	MSFL	ohm.m	ohm.m	RES
MSFL/ML - MICRO RES	RXRT			RXO OVER RT	RXRT			RES
MSFL/ML - MICRO RES	MSFU	OHMM	OHMM	MSFL UNFILTERED	MSFLUF	ohm.m	ohm.m	RES
MSFL/ML - MICRO RES	MINV	OHMM	OHMM	MICROLOG LATERAL (INVERSE)	MINV	ohm.m	ohm.m	RES
PL TOOLS - PRODUCTION	FCCW	RPS	RPS	FLOW (CONTINUOUS) CW	FCCW	RPS	RPS	RES
PL TOOLS - PRODUCTION	DPRS	PSI	KPA	DIFFERENTIAL PRESSURE	DPRS	psi	Kpa	RES
PL TOOLS - PRODUCTION	DPRS	PSI	KPA	DIFFERENTIAL PRESSURE	DPRS	psi	Kpa	RES
PL TOOLS - PRODUCTION	DTEM	DEGF	DEGC	DIFFERENTIAL TEMPERATURE	DTEM	degF	degC	RES
PL TOOLS - PRODUCTION	DTEM	DEGF	DEGC	DIFFERENTIAL TEMPERATURE	DTMP	degF	degC	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
PL TOOLS - PRODUCTION	FBCC	RPS	RPS	FLOW (FULL BORE) CCW	FBCC	RPS	RPS	RES
PL TOOLS - PRODUCTION	FCCC	RPS	RPS	FLOW (CONTINUOUS) CCW	FCCC	RPS	RPS	RES
PL TOOLS - PRODUCTION	FCON	RPS	RPS	AVERAGE FLOW (CONTINUOUS)	FCON	RPS	RPS	RES
PL TOOLS - PRODUCTION	FDC	CPS	CPS	FLUID DENSITY COUNTS	FDC	1.0/S	1.0/S	RES
PL TOOLS - PRODUCTION	FDDP			DIFFERENTIAL PRESSURE	FDDP			RES
PL TOOLS - PRODUCTION	FDEN	G/CC	K/M3	FLUID DENSITY	FDEN	G/CC	Kg/m3	RES
PL TOOLS - PRODUCTION	FICC	RPS	RPS	FLOW (INLINE) CCW	FICC	RPS	RPS	RES
PL TOOLS - PRODUCTION	FINL	RPS	RPS	AVERAGE FLOW (INLINE)	FLOWI	RPS	RPS	RES
PL TOOLS - PRODUCTION	FICW	RPS	RPS	FLOW (INLINE) CW	FICW	RPS	RPS	RES
PL TOOLS - PRODUCTION	FBCW	RPS	RPS	FLOW (FULL BORE) CW	FBCW	RPS	RPS	RES
PL TOOLS - PRODUCTION	CP4	INDEX	INDEX	SENSOR 4 CAPACITANCE INDEX	CP4	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CALX	SQIN		CROSS SECTION AREA	CALX	SQIN		RES
PL TOOLS - PRODUCTION	CHMA			HORIZONTAL IMAGE MAP	CHMAP			RES
PL TOOLS - PRODUCTION	TEMP	DEGF	DEGC	TEMPERATURE	TEMP	degF	degC	RES
PL TOOLS - PRODUCTION	CP1			SENSOR 1 CAPACITANCE INDEX	CP1			RES
PL TOOLS - PRODUCTION	FLFB	RPS	RPS	AVERAGE FLOW (FULL BORE)	FLOWFB	RPS	RPS	RES
PL TOOLS - PRODUCTION	CP11	INDEX	INDEX	SENSOR 11 CAPACITANCE INDEX	CP11	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP12	INDEX	INDEX	SENSOR 12 CAPACITANCE INDEX	CP12	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP10	INDEX	INDEX	SENSOR 10 CAPACITANCE INDEX	CP10	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP3	INDEX	INDEX	SENSOR 3 CAPACITANCE INDEX	CP3	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	DIMV	MV	MV	DIFFERENTIAL MILLIVOLTS	DIFFMV	mV	mV	RES
PL TOOLS - PRODUCTION	CP5			SENSOR 5 CAPACITANCE INDEX	CP5			RES
PL TOOLS - PRODUCTION	CP6	INDEX	INDEX	SENSOR 6 CAPACITANCE INDEX	CP6	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP7	INDEX	INDEX	SENSOR 7 CAPACITANCE INDEX	CP7	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP8	INDEX	INDEX	SENSOR 8 CAPACITANCE INDEX	CP8	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CP9	INDEX	INDEX	SENSOR 9 CAPACITANCE INDEX	CP9	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	CRMA			RADIAL IMAGE MAP	CRMAP			RES
PL TOOLS - PRODUCTION	CSDL	F/M	M/M	CABLE SPEED - DELAYED	CSDL	ft/m	m/min	INP
PL TOOLS - PRODUCTION	CP2	INDEX	INDEX	SENSOR 2 CAPACITANCE INDEX	CP2	INDEX	INDEX	RES
PL TOOLS - PRODUCTION	YTWA	TURB	TURB	WATER HOLDUP - TURBULENT FLOW	YTWAT	TURB	TURB	RES
PL TOOLS - PRODUCTION	RHOG	GM/CC	KG/M3	GAS DENSITY	RHOG	GM/CC	KG/M3	RES
PL TOOLS - PRODUCTION	YGHT	%	%	GAS HOLDUP	YGHT	%	%	RES
PL TOOLS - PRODUCTION	YGHU	%	%	GAS HOLDUP - UNLIMITED	YGHU	%	%	RES
PL TOOLS - PRODUCTION	YGHZ	%	%	GAS HOLDUP - PVT UNCORRECTED	YGHZ	%	%	RES
PL TOOLS - PRODUCTION	YOD	%	%	OIL HOLDUP FDR TOOL	YOD	%	%	RES
PL TOOLS - PRODUCTION	YGAS			GAS HOLDUP	YGAS			RES
PL TOOLS - PRODUCTION	YOIL			OIL HOLDUP	YOIL			RES
PL TOOLS - PRODUCTION	TEMP	DEGF	DEGC	TEMPERATURE	TEMP	degF	degC	RES
PL TOOLS - PRODUCTION	YWAT			WATER HOLDUP	YWAT			RES
PL TOOLS - PRODUCTION	YWAT	LAMNR	LAMNR	WATER HOLDUP - LAMINAR FLOW	YWAT	LAMNR	LAMNR	RES
PL TOOLS - PRODUCTION	YWD	%	%	WATER HOLDUP FDR TOOL	YWD	%	%	RES
PL TOOLS - PRODUCTION	YWH	%	%	WATER HOLDUP	YWH	%	%	RES
PL TOOLS - PRODUCTION	CAL1	INCH		CALIPER ARM 1	CAL1	in		RES
PL TOOLS - PRODUCTION	CAL2	INCH		CALIPER ARM 2	CAL2	in		RES
PL TOOLS - PRODUCTION	YOH	%	%	OIL HOLDUP	YOH	%	%	RES
PL TOOLS - PRODUCTION	HYDR	CPS	CPS	CENTER SAMPLE HYDROMETER CPS	HYDR	1.0/S	1.0/S	RES
PL TOOLS - PRODUCTION	FTMP			FDD SENSOR TEMPERATURE	FTMP			RES
PL TOOLS - PRODUCTION	GHCC	CPS	CPS	GHT DEAD TIME & DECAY CORR CPS	GHTCC	1.0/S	1.0/S	RES
PL TOOLS - PRODUCTION	GHTC	CPS	CPS	GHT DEAD TIME ONLY CORR CPS	GHTC	1.0/S	1.0/S	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
PL TOOLS - PRODUCTION	GR	API	API	GAMMA RAY	GR	gAPI	gAPI	RES
PL TOOLS - PRODUCTION	GRCO	API	API	GAMMA RAY CORRECTED	GRCO	gAPI	gAPI	RES
PL TOOLS - PRODUCTION	YGD	%	%	GAS HOLDUP FDR TOOL	YGD	%	%	RES
PL TOOLS - PRODUCTION	GRS	API	API	GAMMA RAY (SONDEX)	GRS	gAPI	gAPI	RES
PL TOOLS - PRODUCTION	FREF			FREQUENCY REFERENCE	FREF			TEL
PL TOOLS - PRODUCTION	IDER			ID OUT OF TOLERANCE WARNING	IDWARN			RES
PL TOOLS - PRODUCTION	ITMP	F	C	INTERNAL TEMPERATURE	INTMP	ft	C	RES
PL TOOLS - PRODUCTION	PRBU	PSI	KG/M3	PRESSURE BUILDUP	PRBU	psi	KG/M3	RES
PL TOOLS - PRODUCTION	PRES	PSI	KPA	PRESSURE	PRES	psi	Kpa	RES
PL TOOLS - PRODUCTION	PRES	PSIA	KPA	ABSOLUTE PRESSURE	PRES	PSIA	Kpa	RES
PL TOOLS - PRODUCTION	SIT	DEGF	DEGC	SENSOR TEMPERATURE	SIT	degF	degC	RES
PL TOOLS - PRODUCTION	TEMP			INTERNAL TEMPERATURE	TEMP			INP
PL TOOLS - PRODUCTION	GRCS	API	API	GAMMA RAY CORRECTED (SONDEX)	GRCS	gAPI	gAPI	RES
PSGT - PULSE SPECT GAMMA	STUN			CO STATISTICAL UNCERTAINTY	STUN			RES
PSGT - PULSE SPECT GAMMA	YCA			CALCIUM YIELD CAPTURE	YCA			RES
PSGT - PULSE SPECT GAMMA	SPC2			PSGT CAPTURE 2 SPECTRUM	SPC2			INP
PSGT - PULSE SPECT GAMMA	SPBK			PSGT BACKGROUND SPECTRUM	SPBK			INP
PSGT - PULSE SPECT GAMMA	SPC1			PSGT CAPTURE 1 SPECTRUM	SPC1			INP
PSGT - PULSE SPECT GAMMA	SPEN			PSGT INELASTIC SPECTRUM	SPEN			INP
PSGT - PULSE SPECT GAMMA	SWPO			PSGT TOOL MODE	SWPOS			INP
PSGT - PULSE SPECT GAMMA	TCCR			TOTAL COUNTS CAPTURE	TCCR			RES
PSGT - PULSE SPECT GAMMA	TMD1			TMD GATE 1 UNFILTERED	TMD1			RES
PSGT - PULSE SPECT GAMMA	TMD2			TMD GATE 2 UNFILTERED	TMD2			RES
PSGT - PULSE SPECT GAMMA	TMD3			TMD GATE 3 UNFILTERED	TMD3			RES
PSGT - PULSE SPECT GAMMA	TMD4			TMD GATE 4 UNFILTERED	TMD4			RES
PSGT - PULSE SPECT GAMMA	TMD5			TMD GATE 5 UNFILTERED	TMD5			RES
PSGT - PULSE SPECT GAMMA	SIC			SULPHUR INDICATOR_C	SIC			RES
PSGT - PULSE SPECT GAMMA	TMDS	CU	CU	TMD SIGMA	TMDS	cu	CU	RES
PSGT - PULSE SPECT GAMMA	SIAI			SILICON_ACT_INDICATOR SIAI	SIAI			RES
PSGT - PULSE SPECT GAMMA	YCL			CHLORINE YIELD CAPTURE	YCL			RES
PSGT - PULSE SPECT GAMMA	YFE			IRON YIELD CAPTURE	YFE			RES
PSGT - PULSE SPECT GAMMA	YH			HYDROGEN YIELD CAPTURE	YH			RES
PSGT - PULSE SPECT GAMMA	YIC			CARBON YIELD INELASTIC	YIC			RES
PSGT - PULSE SPECT GAMMA	YICA			CALCIUM YIELD INELASTIC	YICA			RES
PSGT - PULSE SPECT GAMMA	YIO			OXYGEN YIELD CAPTURE	YIO			RES
PSGT - PULSE SPECT GAMMA	YISI			SILICON YIELD INELASTIC	YISI			RES
PSGT - PULSE SPECT GAMMA	YK			POTASSIUM YIELD CAPTURE	YK			RES
PSGT - PULSE SPECT GAMMA	YS			SULPHUR YIELD CAPTURE	YS			RES
PSGT - PULSE SPECT GAMMA	YSI			SILICON YIELD CAPTURE	YSI			RES
PSGT - PULSE SPECT GAMMA	YTI			TITANIUM YIELD CAPTURE	YTI			RES
PSGT - PULSE SPECT GAMMA	ZOFF			ZERO OFFSET PSGT.SHOP CAL S-2	ZOFF			RES
PSGT - PULSE SPECT GAMMA	TMD6			TMD GATE 6 UNFILTERED	TMD6			RES
PSGT - PULSE SPECT GAMMA	FTR			SPECTRAL FIT ERROR	FTR			RES
PSGT - PULSE SPECT GAMMA	CLIC			CHLORINE INDICATOR_C	CLIC			RES
PSGT - PULSE SPECT GAMMA	COIR			INELASTIC CO RATIO	COIR			RES
PSGT - PULSE SPECT GAMMA	COYR			CO YIELD RATIO INELASTIC	COYR			RES
PSGT - PULSE SPECT GAMMA	CRAT			COMPTON RATIO (OAI/OBI)	CRAT			RES
PSGT - PULSE SPECT GAMMA	CTIM	MSEC	MSEC	ACCUMULATION TIME MILLISECONDS	C_TIME	MSEC	MSEC	RES
PSGT - PULSE SPECT GAMMA	DTMP			DETECTOR TEMPERATURE	DTMP			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
PSGT - PULSE SPECT GAMMA	F110	%	%	PSGT 110 VOLT	F110	%	%	RES
PSGT - PULSE SPECT GAMMA	F17V	%	%	PSGT 17V LOAD	F17V	%	%	RES
PSGT - PULSE SPECT GAMMA	F2KV	%	%	PSGT 2K VOLT LOAD	F2KV	%	%	RES
PSGT - PULSE SPECT GAMMA	F50V	%	%	PSGT 50 V LOAD	F50V	%	%	RES
PSGT - PULSE SPECT GAMMA	FEIC			IRON INDICATOR_C	FEIC			RES
PSGT - PULSE SPECT GAMMA	SIIC			SILICON INDICATOR_C	SIIC			RES
PSGT - PULSE SPECT GAMMA	FREP	%	%	PSGT REPLENISHER	FREP	%	%	RES
PSGT - PULSE SPECT GAMMA	LIRI			INELASTIC LITHOLOGY INDEX	LIRI			RES
PSGT - PULSE SPECT GAMMA	RIC			INELASTIC CAPTURE RATIO	RIC			RES
PSGT - PULSE SPECT GAMMA	PSST			PSGT TOOL STATE	PSGST			INP
PSGT - PULSE SPECT GAMMA	PSPC			PSGT DISPLAY SPECTRUM	PSPC			RES
PSGT - PULSE SPECT GAMMA	OBI			OXYGEN BACKGROUND INDICATOR	OBI			RES
PSGT - PULSE SPECT GAMMA	FERC			IRON RATIO CAPTURE	FERC			RES
PSGT - PULSE SPECT GAMMA	LIYR			LITH YIELD RATIO INEL	LIYR			RES
PSGT - PULSE SPECT GAMMA	CAIC			CALCIUM INDICATOR_C	CAIC			RES
PSGT - PULSE SPECT GAMMA	KIC			POTASSIUM INDICATOR_C	KIC			RES
PSGT - PULSE SPECT GAMMA	ITCR			INELASTIC TOTAL	ITCR			RES
PSGT - PULSE SPECT GAMMA	IDER			PSGT ID ERROR	IDERR			INP
PSGT - PULSE SPECT GAMMA	HPLI			CAPTURE HYDROGEN PEAK	HPLI			RES
PSGT - PULSE SPECT GAMMA	HIC			HYDROGEN INDICATOR_C	HIC			RES
PSGT - PULSE SPECT GAMMA	GOUT			GENERATOR OUTPUT	GOUT			RES
PSGT - PULSE SPECT GAMMA	OAI			OXYGEN ACTIVATION INDICATOR	OAI			RES
RDT - RESERVOIR DESC TOOL	C11			CURVE 11	C11			INP
RDT - RESERVOIR DESC TOOL	P1TE	DEGF	DEGC	PROBE 1 TEMPERATURE	P1TEMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	PTHO	PSI	KPA	PRESSURE THOUSANDS	PTHO	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PTEN	PSI	KPA	PRESSURE TENS	PTEN	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PRES	PSI	KPA	TOTAL PRESSURE	PRES	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PRAT	CC/S	CC/S	FPS PUMP MEASURED RATE	PRATE	0.1 L/S	0.1 L/S	INP
RDT - RESERVOIR DESC TOOL	POTE	DEGF	DEGC	FPS OUTLET TEMPERATURE	OUTTMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	PONE	PSI	KPA	RDT PRESSURE ONES	PONE	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PITE	DEGF	DEGC	FPS INLET TEMPERATURE	INTMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	PHUN	PSI	KPA	PRESSURE HUNDREDS	PHUN	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PHST	PSI	KPA	RDT HYDROSTATIC PRESSURE	PHST	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PHFL	PSI	KPA	RDT HYDRAULIC PRESSURE	PHFL	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	PHDS	PSI	KPA	PRESSURE HUNDREDTHS	PHDS	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	HPRS	PSI	KPA	FPS HYDRALIC PRESSURE	SYPRES	psi	Kpa	INP
RDT - RESERVOIR DESC TOOL	P2PS	PSI	PSI	PROBE 2 PRESSURE	P2PRES	PSI	PSI	INP
RDT - RESERVOIR DESC TOOL	PTTE	DEGF	DEGC	PRETEST TEMPERATURE	PTTEMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	P1PS	PSI	PSI	PROBE 1 PRESSURE	P1PRES	PSI	PSI	INP
RDT - RESERVOIR DESC TOOL	OPTR	CC/S	CC/S	FPS OPTIMUM PUMP RATE	OPTR	CC/S	CC/S	INP
RDT - RESERVOIR DESC TOOL	OPTR	CC/S	CC/S	FPS OPTIMUM PUMP RATE	OPTR	CC/S	CC/S	INP
RDT - RESERVOIR DESC TOOL	OFFS			OFFSET	OFFSET			TEL
RDT - RESERVOIR DESC TOOL	NOIS			NOISE	NOISE			TEL
RDT - RESERVOIR DESC TOOL	MTEM	DEGF	DEGC	MAGNET TEMPERATURE	TEMP2	degF	degC	TEL
RDT - RESERVOIR DESC TOOL	MSPD	RPM	RPM	Motor Speed	MOTSPD	RPM	RPM	INP
RDT - RESERVOIR DESC TOOL	MRAT	CC/S	CC/S	PRETEST MEASURED RATE	MRATE	0.1 L/S	0.1 L/S	INP
RDT - RESERVOIR DESC TOOL	HTMP	DEGF	DEGC	HPS HYDRAULIC TEMPERATURE	HYTEMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	HTMP			HPS HYDRAULIC TEMPERATURE	HYTEMP			INP
RDT - RESERVOIR DESC TOOL	HSVA			SOLENOID VALVE A	HPSSVA			TEL

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RDT - RESERVOIR DESC TOOL	HPRS	PSI	KPA	HPS HYDRALIC PRESSURE	HYPRES	psi	Kpa	INP
RDT - RESERVOIR DESC TOOL	P2TE	DEGF	DEGC	PROBE 2 TEMPERATURE	P2TEMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	SVB			PPS Solenoid Valve B	PPSSVB			TEL
RDT - RESERVOIR DESC TOOL	RHOG	GM/CC	GM/CC	GAS DENSITY - EST.	RHOG	gm/cc	gm/cc	INP
RDT - RESERVOIR DESC TOOL	C1			CURVE 1	C1			INP
RDT - RESERVOIR DESC TOOL	ANSO	KV/KH	KV/KH	ANISOTROPY	ANISO	Kv/Kh	Kv/Kh	INP
RDT - RESERVOIR DESC TOOL	VISC			VISCOCITY	VISC			INP
RDT - RESERVOIR DESC TOOL	V50			50 VOLT DC	V50			TEL
RDT - RESERVOIR DESC TOOL	V30			30 VOLT DC	V30			TEL
RDT - RESERVOIR DESC TOOL	V200			200 VOLT DC	V200			TEL
RDT - RESERVOIR DESC TOOL	UTLV			SURFACE UTILITY VOLTAGE	UTLVLT			TEL
RDT - RESERVOIR DESC TOOL	UTLC			SURFACE UTILITY CURRENT	UTLCUR			TEL
RDT - RESERVOIR DESC TOOL	SVG			PPS Solenoid Valve G	PPSSVG			TEL
RDT - RESERVOIR DESC TOOL	SVF			PPS Solenoid Valve F	PPSSVF			TEL
RDT - RESERVOIR DESC TOOL	SVE			PPS Solenoid Valve E	PPSSVE			TEL
RDT - RESERVOIR DESC TOOL	PTHS	PSI	KPA	PRESSURE TENTHS	PTHS	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	SVC			PPS Solenoid Valve C	PPSSVC			TEL
RDT - RESERVOIR DESC TOOL	PTPS	PSI	PSI	PRETEST PRESSURE	PTPRES	PSI	PSI	INP
RDT - RESERVOIR DESC TOOL	SVA			PPS Solenoid Valve A	PPSSVA			TEL
RDT - RESERVOIR DESC TOOL	SPIK			ECHO SPIKING INDICATOR	SPIKE			INP
RDT - RESERVOIR DESC TOOL	SMOB			SHPERICAL MOBILITY	MPTHS			INP
RDT - RESERVOIR DESC TOOL	SEQ			SEQUENCE NUMBER	SEQ			TEL
RDT - RESERVOIR DESC TOOL	SDEP	FT	M	SFT SET DEPTH	SDEP	ft	m	RES
RDT - RESERVOIR DESC TOOL	RING			RINGING	RING			TEL
RDT - RESERVOIR DESC TOOL	RHOF	GM/CC	GM/CC	FLUID DENSITY	RHOF	gm/cc	gm/cc	INP
RDT - RESERVOIR DESC TOOL	QTMP	DEGF	DEGC	QUARTZ GAUGE TEMPERATURE	QGTEMP	degF	degC	INP
RDT - RESERVOIR DESC TOOL	PWRF			HIGH POWER FACTOR	PWRFAC			TEL
RDT - RESERVOIR DESC TOOL	PVOL	CC	CC	PRETEST VOLUME	PTVOL	0.01 L	0.01 L	INP
RDT - RESERVOIR DESC TOOL	PTTH	PSI	KPA	PRESSURE TEN THOUSANDS	PTTH	psi	Kpa	RES
RDT - RESERVOIR DESC TOOL	QPRS	PSI	KPA	QUARTZ GAUGE PRESSURE	QGPRES	psi	Kpa	INP
RDT - RESERVOIR DESC TOOL	SVD			PPS Solenoid Valve D	PPSSVD			TEL
RDT - RESERVOIR DESC TOOL	C14			CURVE 14	C14			INP
RDT - RESERVOIR DESC TOOL	C29			CURVE 29	C29			INP
RDT - RESERVOIR DESC TOOL	C28			CURVE 28	C28			INP
RDT - RESERVOIR DESC TOOL	C27			CURVE 27	C27			INP
RDT - RESERVOIR DESC TOOL	C26			CURVE 26	C26			INP
RDT - RESERVOIR DESC TOOL	C25			CURVE 25	C25			INP
RDT - RESERVOIR DESC TOOL	C24			CURVE 24	C24			INP
RDT - RESERVOIR DESC TOOL	C23			CURVE 23	C23			INP
RDT - RESERVOIR DESC TOOL	C22			CURVE 22	C22			INP
RDT - RESERVOIR DESC TOOL	C21			CURVE 21	C21			INP
RDT - RESERVOIR DESC TOOL	C20			CURVE 20	C20			INP
RDT - RESERVOIR DESC TOOL	C2			CURVE 2	C2			INP
RDT - RESERVOIR DESC TOOL	C19			CURVE 19	C19			INP
RDT - RESERVOIR DESC TOOL	C3			CURVE 3	C3			INP
RDT - RESERVOIR DESC TOOL	C16			CURVE 16	C16			INP
RDT - RESERVOIR DESC TOOL	C17			CURVE 17	C17			INP
RDT - RESERVOIR DESC TOOL	C13			CURVE 13	C13			INP
RDT - RESERVOIR DESC TOOL	C12			CURVE 12	C12			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RDT - RESERVOIR DESC TOOL	FPRE	PSI	PSI	FORMATION PRESSURE	FPRE	PSI	PSI	INP
RDT - RESERVOIR DESC TOOL	C10			CURVE 10	C10			INP
RDT - RESERVOIR DESC TOOL	BINS			Bins 1-32	BINS			INP
RDT - RESERVOIR DESC TOOL	BBLP	PSI	KPA	BUBBLE POINT	BBLPNT	psi	Kpa	INP
RDT - RESERVOIR DESC TOOL	B1			B1 SENSOR	B1			INP
RDT - RESERVOIR DESC TOOL	AUXV			SURFACE AUX VOLTAGE	AUXVLT			TEL
RDT - RESERVOIR DESC TOOL	AUXC			SURFACE AUX CURRENT	AUXCUR			TEL
RDT - RESERVOIR DESC TOOL	ATIM			ASCII ELAPSED TIME	A_TIME			RES
RDT - RESERVOIR DESC TOOL	HMOB			HORIZONTAL MOBILITY	MPTHH			INP
RDT - RESERVOIR DESC TOOL	RELC			Relative Capacitance	RELCAP			TEL
RDT - RESERVOIR DESC TOOL	C18			CURVE 18	C18			INP
RDT - RESERVOIR DESC TOOL	FIDV	V	V	FLUID ID VOLTS(Volts)	FLVOLT	V	V	INP
RDT - RESERVOIR DESC TOOL	HLOS			HPS LOW OIL SWITCH	HPSLOS			INP
RDT - RESERVOIR DESC TOOL	HI			HYDROGEN INDEX	HI			INP
RDT - RESERVOIR DESC TOOL	C15			CURVE 15	C15			INP
RDT - RESERVOIR DESC TOOL	C30			CURVE 30	C30			INP
RDT - RESERVOIR DESC TOOL	GEOM			GEOMETRIC MEAN	GEOMM			INP
RDT - RESERVOIR DESC TOOL	GAIN			GAIN	GAIN			INP
RDT - RESERVOIR DESC TOOL	FTEM	DEGF	DEGC	FLUID TEMPERATURE	TEMP1	degF	degC	TEL
RDT - RESERVOIR DESC TOOL	FREQ			FREQUENCY	FREQ			TEL
RDT - RESERVOIR DESC TOOL	FMSR			FPS MOTOR START RELAY	FPSMSR			TEL
RDT - RESERVOIR DESC TOOL	FLPH	DEG	DEG	FLUID ID PHASE	FLPHI	DEG	deg	INP
RDT - RESERVOIR DESC TOOL	FIDI	MA	MA	FLUID ID CURRENT (mA)	FLAMP	mA	mA	INP
RDT - RESERVOIR DESC TOOL	EVNT			PTA EVENT STRING	EVENT			INP
RDT - RESERVOIR DESC TOOL	ERES	OHMM	OHMM	ESTIMATED RESISTIVITY	ERES	ohm.m	ohm.m	INP
RDT - RESERVOIR DESC TOOL	ECHN			Echo Noise	ECHONS			TEL
RDT - RESERVOIR DESC TOOL	C8			CURVE 8	C8			INP
RDT - RESERVOIR DESC TOOL	C31			CURVE 31	C31			INP
RDT - RESERVOIR DESC TOOL	C32			CURVE 32	C32			INP
RDT - RESERVOIR DESC TOOL	C4			CURVE 4	C4			INP
RDT - RESERVOIR DESC TOOL	FLTC			FAULT CURRENT	FLTCUR			TEL
RDT - RESERVOIR DESC TOOL	DIEL			DIELECTRIC CAPACITANCE	DIELCP			TEL
RDT - RESERVOIR DESC TOOL	C6			CURVE 6	C6			INP
RDT - RESERVOIR DESC TOOL	C7			CURVE 7	C7			INP
RDT - RESERVOIR DESC TOOL	C5			CURVE 5	C5			INP
RDT - RESERVOIR DESC TOOL	C9			CURVE 9	C9			INP
RDT - RESERVOIR DESC TOOL	CPRS	1/PSI	1/PSI	COMPRESSIBLITY	CMPRSS	1/PSI	1/PSI	INP
RDT - RESERVOIR DESC TOOL	CPV			CVS FLUID PURGE VALVE	CVSFPV			TEL
RDT - RESERVOIR DESC TOOL	CV1			CVS Chamber Valve 1	CVSCV1			TEL
RDT - RESERVOIR DESC TOOL	CV2			CVS Chamber Valve 2	CVSCV2			TEL
RMT-ELITE - RESERV MON TOOL	OAIN			OXYGEN ACT INDICATOR NEAR	OAI1			RES
RMT-ELITE - RESERV MON TOOL	OAIF			OXYGEN ACT INDICATOR FAR	OAI2			RES
RMT-ELITE - RESERV MON TOOL	RCAP			RATIO TOTAL CAPTURE	RCAP			RES
RMT-ELITE - RESERV MON TOOL	OBIN			OXYGEN BKG INDICATOR NEAR	OBI1			RES
RMT-ELITE - RESERV MON TOOL	o194			OIN CHANNEL 194	OIN194			RES
RMT-ELITE - RESERV MON TOOL	oi68			OIN CHANNEL 68	OIN68			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RMT-ELITE - RESERV MON TOOL	o114			OIN CHANNEL 114	OIN114			RES
RMT-ELITE - RESERV MON TOOL	OBIF			OXYGEN BKG INDICATOR FAR	OBI2			RES
RMT-ELITE - RESERV MON TOOL	RNFC			RATIO NEAR INEL TO NEAR COUNTS	RICN			RES
RMT-ELITE - RESERV MON TOOL	SIAF			SILICON ACT INDICATOR FAR	SIA2			RES
RMT-ELITE - RESERV MON TOOL	SIIN			SILICON INDICATOR NEAR	SIIC1			RES
RMT-ELITE - RESERV MON TOOL	SIIF			SILICON INDICATOR FAR	SIIC2			RES
RMT-ELITE - RESERV MON TOOL	NTIM			ACCUMULATION TIME NEAR	TIME_N			RES
RMT-ELITE - RESERV MON TOOL	LMOD			LOGGING MODE	LMODE			PAR
RMT-ELITE - RESERV MON TOOL	SICF			SULPHUR INDICATOR FAR	SIC2			RES
RMT-ELITE - RESERV MON TOOL	SICN			SULPHUR INDICATOR NEAR	SIC1			RES
RMT-ELITE - RESERV MON TOOL	SIAN			SILICON ACT INDICATOR NEAR	SIA1			RES
RMT-ELITE - RESERV MON TOOL	NGAI			NEAR GAIN	NGAIN			RES
RMT-ELITE - RESERV MON TOOL	LIY1			LITH YIELD RAT INEL NEAR	LIYR1			RES
RMT-ELITE - RESERV MON TOOL	LIY2			LITH YIELD RAT INEL FAR	LIYR2			RES
RMT-ELITE - RESERV MON TOOL	YSI1			SILICON YIELD CAPT. NEAR	YSI1			RES
RMT-ELITE - RESERV MON TOOL	STUF			STATISTIC UNCERTAINTY FAR	STUN2			RES
RMT-ELITE - RESERV MON TOOL	NBAC			NEAR BACKGROUND SPECTRUM	NBACK			INP
RMT-ELITE - RESERV MON TOOL	NCAC			NEAR CAPTURE SPECTRUM CORR	NCAPAC			INP
RMT-ELITE - RESERV MON TOOL	NBAK			NEAR BACKGROUND SPECTRUM	NBACK			INP
RMT-ELITE - RESERV MON TOOL	NFEC			NEAR IRON CHANNEL	NFECH			RES
RMT-ELITE - RESERV MON TOOL	NSPT			NEAR SPECTRA SUM	NSPT			RES
RMT-ELITE - RESERV MON TOOL	NGAO			NEAR GAIN OK	NGAOK			RES
RMT-ELITE - RESERV MON TOOL	NHCH			NEAR HYDROGEN CHANNEL	NHCH			RES
RMT-ELITE - RESERV MON TOOL	NINC			NEAR INELASTIC SPECTRUM CORR	NINELC			INP
RMT-ELITE - RESERV MON TOOL	NINE			NEAR INELASTIC SPECTRUM	NINEL			INP
RMT-ELITE - RESERV MON TOOL	NOFO			NEAR OFFSET OK	NOFOK			RES
RMT-ELITE - RESERV MON TOOL	NOFS			NEAR OFFSET	NOFST			RES
RMT-ELITE - RESERV MON TOOL	NCAP			NEAR CAPTURE SPECTRUM	NCAP			INP
RMT-ELITE - RESERV MON TOOL	YMG2			MAGNESIUM YIELD CAPT. FAR	YMG2			RES
RMT-ELITE - RESERV MON TOOL	YIC2			CALCIUM YIELD INEL FAR	YICA2			RES
RMT-ELITE - RESERV MON TOOL	YIO1			OXYGEN YIELD INEL NEAR	YIO1			RES
RMT-ELITE - RESERV MON TOOL	YIO2			OXYGEN YIELD INEL FAR	YIO2			RES
RMT-ELITE - RESERV MON TOOL	YIS1			SILICON YIELD INEL NEAR	YISI1			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RMT-ELITE - RESERV MON TOOL	YIS2			SILICON YIELD INEL FAR	YISI2			RES
RMT-ELITE - RESERV MON TOOL	YK1			POTASSIUM YIELD CAPT. NEAR	YK1			RES
RMT-ELITE - RESERV MON TOOL	YS1			SULPHUR YIELD CAPT. NEAR	YS1			RES
RMT-ELITE - RESERV MON TOOL	YMG1			MAGNESIUM YIELD CAPT. NEAR	YMG1			RES
RMT-ELITE - RESERV MON TOOL	YH1			HYDROGEN YIELD CAPT. NEAR	YH1			RES
RMT-ELITE - RESERV MON TOOL	YS2			SULPHUR YIELD CAPT. FAR	YS2			RES
RMT-ELITE - RESERV MON TOOL	YSI2			SILICON YIELD CAPT. FAR	YSI2			RES
RMT-ELITE - RESERV MON TOOL	YTI1			TITANIUM YIELD CAPT. NEAR	YTI1			RES
RMT-ELITE - RESERV MON TOOL	YTI2			TITANIUM YIELD CAPT. FAR	YTI2			RES
RMT-ELITE - RESERV MON TOOL	LIRN			LITH INDEX INEL NEAR	LIRI1			RES
RMT-ELITE - RESERV MON TOOL	FGAI			FAR GAIN	FGAIN			RES
RMT-ELITE - RESERV MON TOOL	YK2			POTASSIUM YIELD CAPT. FAR	YK2			RES
RMT-ELITE - RESERV MON TOOL	YCA2			CALCIUM YIELD CAPT. FAR	YCA2			RES
RMT-ELITE - RESERV MON TOOL	TCCF			TOTAL COUNTS FAR	TCCR2			RES
RMT-ELITE - RESERV MON TOOL	TCCN			TOTAL COUNTS NEAR	TCCR1			RES
RMT-ELITE - RESERV MON TOOL	TNGC			NEAR SPACED GATES CORR	TNGTC			INP
RMT-ELITE - RESERV MON TOOL	TNGT			NEAR SPACED GATES	TNGT			INP
RMT-ELITE - RESERV MON TOOL	TNGT			NEAR SPACED GATES	TNGT			INP
RMT-ELITE - RESERV MON TOOL	YC1			CARBON YIELD INEL NEAR	YIC1			RES
RMT-ELITE - RESERV MON TOOL	YIC1			CALCIUM YIELD INEL NEAR	YICA1			RES
RMT-ELITE - RESERV MON TOOL	YCA1			CALCIUM YIELD CAPT. NEAR	YCA1			RES
RMT-ELITE - RESERV MON TOOL	YH2			HYDROGEN YIELD CAPT. FAR	YH2			RES
RMT-ELITE - RESERV MON TOOL	YCL1			CHLORINE YIELD CAPT. NEAR	YCL1			RES
RMT-ELITE - RESERV MON TOOL	YCL2			CHLORINE YIELD CAPT. FAR	YCL2			RES
RMT-ELITE - RESERV MON TOOL	YEX1			EXTRA YIELD CAPT. NEAR	YEX1			RES
RMT-ELITE - RESERV MON TOOL	YEX2			EXTRA YIELD CAPT. FAR	YEX2			RES
RMT-ELITE - RESERV MON TOOL	YFE1			IRON YIELD CAPT. NEAR	YFE1			RES
RMT-ELITE - RESERV MON TOOL	YFE2			IRON YIELD CAPT. FAR	YFE2			RES
RMT-ELITE - RESERV MON TOOL	STUN			STATISTIC UNCERTAINTY NEAR	STUN1			RES
RMT-ELITE - RESERV MON TOOL	YC2			CARBON YIELD INEL FAR	YIC2			RES
RMT-ELITE - RESERV MON TOOL	ERIN			RATIO NEAR/ FAR INELASTIC EVR	ERIN			RES
RMT-ELITE - RESERV MON TOOL	FEIN			IRON INDICATOR NEAR	FEIC1			RES
RMT-ELITE - RESERV MON TOOL	CRAF			COMPTON RATIO FAR	CRAT2			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RMT-ELITE - RESERV MON TOOL	CRAN			COMPTON RATIO NEAR	CRAT1			RES
RMT-ELITE - RESERV MON TOOL	EFCA			FAR COUNTRATE EVR	EFCA			RES
RMT-ELITE - RESERV MON TOOL	EFSI			FAR INELASTIC COUNTS EVR	EFSI			RES
RMT-ELITE - RESERV MON TOOL	ENCA			NEAR COUNTRATE EVR	ENCA			RES
RMT-ELITE - RESERV MON TOOL	COYF			C0 YIELD RAT INEL FAR	COYR2			RES
RMT-ELITE - RESERV MON TOOL	ERIC			RATIO FAR INEL/FAR COUNTS EVR	ERIC			RES
RMT-ELITE - RESERV MON TOOL	COIN			CO RATIO INELASTIC NEAR	COIR1			RES
RMT-ELITE - RESERV MON TOOL	ERNF			RATIO NEAR / FAR - EVR	ERNF			RES
RMT-ELITE - RESERV MON TOOL	ESGI	CU	CU	FAR FORMATION SIGMA EVR	ESGF			RES
RMT-ELITE - RESERV MON TOOL	ESGN	CU	CU	NEAR FORMATION SIGMA EVR	ESGN			RES
RMT-ELITE - RESERV MON TOOL	FBAC			FAR BACKGROUND SPECTRUM	FBACK			INP
RMT-ELITE - RESERV MON TOOL	FCAP			FAR CAPTURE SPECTRUM	FCAP			INP
RMT-ELITE - RESERV MON TOOL	FCPC			FAR CAPTURE SPECTRUM CORR	FCAPAC			INP
RMT-ELITE - RESERV MON TOOL	FEIF			IRON INDICATOR FAR	FEIC2			RES
RMT-ELITE - RESERV MON TOOL	ENSI			NEAR INELASTIC COUNTS EVR	ENSI			RES
RMT-ELITE - RESERV MON TOOL	AFTN			NEAR FORMATION AMPLITUDE	AFTN			RES
RMT-ELITE - RESERV MON TOOL	1780			SILICON CHANNEL	E1780			RES
RMT-ELITE - RESERV MON TOOL	2220			HYDROGEN CHANNEL	E2220			RES
RMT-ELITE - RESERV MON TOOL	3730			CALCIUM CHANNEL	E3730			RES
RMT-ELITE - RESERV MON TOOL	4440			CARBON CHANNEL	E4440			RES
RMT-ELITE - RESERV MON TOOL	6100			OXYGEN CHANNEL	E6100			RES
RMT-ELITE - RESERV MON TOOL	7140			OXYGEN FIRST ESCAPE CHANNEL	E7140			RES
RMT-ELITE - RESERV MON TOOL	COYN			C0 YIELD RAT INEL NEAR	COYR1			RES
RMT-ELITE - RESERV MON TOOL	AFTF			FAR FORMATION AMPLITUDE	AFTF			RES
RMT-ELITE - RESERV MON TOOL	CFT1			CAPTURE FIT ERROR NEAR	CFTR1			RES
RMT-ELITE - RESERV MON TOOL	FHCH			FAR HYDROGEN CHANNEL	FHCH			RES
RMT-ELITE - RESERV MON TOOL	CAIN			CALCIUM INDICATOR NEAR	CAIC1			RES
RMT-ELITE - RESERV MON TOOL	LIRF			LITH INDEX INEL FAR	LIRI2			RES
RMT-ELITE - RESERV MON TOOL	CFT2			CAPTURE FIT ERROR FAR	CFTR2			RES
RMT-ELITE - RESERV MON TOOL	CLIF			CHLORINE INDICATOR FAR	CLIC2			RES
RMT-ELITE - RESERV MON TOOL	CLIN			CHLORINE INDICATOR NEAR	CLIC1			RES
RMT-ELITE - RESERV MON TOOL	COIF			CO RATIO INELASTIC FAR	COIR2			RES
RMT-ELITE - RESERV MON TOOL	7650			IRON CHANNEL	E7650			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RMT-ELITE - RESERV MON TOOL	IR10			LOG RATIO TOTAL INELASTIC	IRIN10			RES
RMT-ELITE - RESERV MON TOOL	HPLN			HYDROGEN PEAK NEAR	HPLI1			RES
RMT-ELITE - RESERV MON TOOL	IFT2			INELASTIC FIT ERROR FAR	IFTR2			RES
RMT-ELITE - RESERV MON TOOL	FERF			IRON PEAK FAR	FERC2			RES
RMT-ELITE - RESERV MON TOOL	INC2			INCA FAR	INCA2			RES
RMT-ELITE - RESERV MON TOOL	INC2			INCA FAR	INCA2			RES
RMT-ELITE - RESERV MON TOOL	INX1			INOXY NEAR	INOX1			RES
RMT-ELITE - RESERV MON TOOL	HPLF			HYDROGEN PEAK FAR	HPLI2			RES
RMT-ELITE - RESERV MON TOOL	IONI	MA	MA	ION CURRENT	IONI	MA	MA	INP
RMT-ELITE - RESERV MON TOOL	IFT1			INELASTIC FIT ERROR NEAR	IFTR1			RES
RMT-ELITE - RESERV MON TOOL	IRIN			RATIO TOTAL INELASTIC	IRIN			RES
RMT-ELITE - RESERV MON TOOL	ITCF			INELASTIC TOTAL COUNTS FAR	ITCR2			RES
RMT-ELITE - RESERV MON TOOL	ITCN			INELASTIC TOTAL COUNTS NEAR	ITCR1			RES
RMT-ELITE - RESERV MON TOOL	KAT1			KATO NEAR	KATO1			RES
RMT-ELITE - RESERV MON TOOL	KAT2			KATO FAR	KATO2			RES
RMT-ELITE - RESERV MON TOOL	CAIF			CALCIUM INDICATOR FAR	CAIC2			RES
RMT-ELITE - RESERV MON TOOL	INX2			INOXY FAR	INOX2			RES
RMT-ELITE - RESERV MON TOOL	FINC			FAR INELASTIC SPECTRUM CORR	FINELC			INP
RMT-ELITE - RESERV MON TOOL	FERN			IRON PEAK NEAR	FERC1			RES
RMT-ELITE - RESERV MON TOOL	FFEC			FAR IRON CHANNEL	FFECH			RES
RMT-ELITE - RESERV MON TOOL	KICN			POTASSIUM INDICATOR NEAR	KIC1			RES
RMT-ELITE - RESERV MON TOOL	INC1			INCA NEAR	INCA1			RES
RMT-ELITE - RESERV MON TOOL	KICF			POTASSIUM INDICATOR FAR	KIC2			RES
RMT-ELITE - RESERV MON TOOL	HICN			HYDROGEN INDICATOR NEAR	HIC1			RES
RMT-ELITE - RESERV MON TOOL	FINE			FAR INELASTIC SPECTRUM	FINEL			INP
RMT-ELITE - RESERV MON TOOL	FOFO			FAR OFFSET OK	FOFOK			RES
RMT-ELITE - RESERV MON TOOL	FOFS			FAR OFFSET	FOFST			RES
RMT-ELITE - RESERV MON TOOL	FSPT			FAR SPECTRA SUM	FSPT			RES
RMT-ELITE - RESERV MON TOOL	FTIM			ACCUMULATION TIME FAR	TIME_F			RES
RMT-ELITE - RESERV MON TOOL	FTMP	DEGF	DEGC	INTERNAL FLASK TEMPERATURE	FTMP	degF	degC	RES
RMT-ELITE - RESERV MON TOOL	FTRF			SPECTRAL FIT ERROR FAR	FTR2			RES
RMT-ELITE - RESERV MON TOOL	FTRN			SPECTRAL FIT ERROR NEAR	FTR1			RES
RMT-ELITE - RESERV MON TOOL	HICF			HYDROGEN INDICATOR FAR	HIC2			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
RMT-ELITE - RESERV MON TOOL	FGAO			FAR GAIN OK	FGAOK			RES
SDDT/NAV - DIRECTIONAL	AZI1	DEG	DEG	PAD 1 AZIMUTH	AZI1	deg	deg	RES
SDDT/NAV - DIRECTIONAL	MAGQ			MAGNETOMETER SUM OF SQUARES	MAGQ			RES
SDDT/NAV - DIRECTIONAL	TEMP	DEGC	DEGC	NAVIGATION TEMPERATURE	TEMP	degC	degC	RES
SDDT/NAV - DIRECTIONAL	RBX	DEG	DEG	AUXILIARY ROTATION	RBX	deg	deg	RES
SDDT/NAV - DIRECTIONAL	RB	DEG	DEG	RELATIVE BEARING	RB	deg	deg	RES
SDDT/NAV - DIRECTIONAL	MAGZ			MAGNETOMETER Z-AXIS	MAGZ			RES
SDDT/NAV - DIRECTIONAL	MAGX			MAGNETOMETER X-AXIS	MAGX			RES
SDDT/NAV - DIRECTIONAL	AX	G	G	ACCELEROMETER X-AXIS	AX	G	G	RES
SDDT/NAV - DIRECTIONAL	HAZI	DEG	DEG	DRIFT / HOLE AZIMUTH	HAZI	deg	deg	RES
SDDT/NAV - DIRECTIONAL	MAGY			MAGNETOMETER Y-AXIS	MAGY			RES
SDDT/NAV - DIRECTIONAL	ACCQ			ACCELEROMETER SUM OF SQUARES	ACCQ			RES
SDDT/NAV - DIRECTIONAL	AY	G	G	ACCELEROMETER Y-AXIS	AY	G	G	RES
SDDT/NAV - DIRECTIONAL	AZ	G	G	ACCELEROMETER Z-AXIS	AZ	G	G	RES
SDDT/NAV - DIRECTIONAL	AZI1	DEG	DEG	REFERENCED AZIMUTH	AZI1	deg	deg	RES
SDDT/NAV - DIRECTIONAL	AZIX	DEG	DEG	AUXILIARY AZIMUTH	AZIX	deg	deg	RES
SDDT/NAV - DIRECTIONAL	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
SDDT/NAV - DIRECTIONAL	DXTM	MS	MS	Z-ACCELEROMETER, TIME BASE	DXTM	mS	mS	INP
SDL - SPECTRAL DENSITY	NAB	CPS	CPS	NEAR ABOVE	NAB	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NHV	V	V	NEAR HIGH VOLTAGE	NHV	V	V	INP
SDL - SPECTRAL DENSITY	NLU	CPS	CPS	NEAR LITHOLOGY UNFILTERED	NLIU	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NLO	CPS	CPS	NEAR CESIUM LOW	NLO	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NLIU	CPS	CPS	NEAR LITHOLOGY UNFILTERED	NLIU	1.0/S	1.0/S	INP
SDL - SPECTRAL DENSITY	NLI	CPS	CPS	NEAR LITHOLOGY	NLI	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NPK	CPS	CPS	NEAR PEAK	NPK	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NHI	CPS	CPS	NEAR CESIUM HI	NHI	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NDE	CPS	CPS	NEAR DENSITY	NDE	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NVA	CPS	CPS	NEAR VALLEY	NVA	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	NBA	CPS	CPS	NEAR BARITE	NBA	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	QF			FAR QUALITY	QF			RES
SDL - SPECTRAL DENSITY	M5AN	V	V	MINUS 5 VOLTS ANALOG	MI5AN	V	V	INP
SDL - SPECTRAL DENSITY	M15V	V	V	MINUS 15 VOLTS	MI15V	V	V	INP
SDL - SPECTRAL DENSITY	LDWC			HSDL LS DENSITY WINDOW COUNTS	LDENWD			RES
SDL - SPECTRAL DENSITY	NBAU	CPS	CPS	NEAR BARITE UNFILTERED	NBAU	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	QS			SDL QUALITY SHORT	QS			RES
SDL - SPECTRAL DENSITY	SPWC			HSDL SS PEAK WINDOW COUNTS	SPEKWD			RES
SDL - SPECTRAL DENSITY	SLWC			HSDL SS LITH. WINDOW COUNTS	SLITWD			RES
SDL - SPECTRAL DENSITY	SDWC			HSDL SS DENSITY WINDOW COUNTS	SDENWD			RES
SDL - SPECTRAL DENSITY	SDSO	IN	MM	SDL STANDOFF	SDSO	in	mm	RES
SDL - SPECTRAL DENSITY	SDC1	INCH	MM	SDL PAD CALIPER	CALIP	in	mm	TEL
SDL - SPECTRAL DENSITY	SBWC			HSDL SS BARITE WINDOW COUNTS	SBARWD			RES
SDL - SPECTRAL DENSITY	PRTM	C	C	PRE-REG. TEMPERATURE	PRTMP	C	C	INP
SDL - SPECTRAL DENSITY	REF5	V	V	5 VOLT REFERENCE	REF5	V	V	INP
SDL - SPECTRAL DENSITY	P15V	VOLT	VOLT	PLUS 15 VOLTS	P15	V	V	TEL
SDL - SPECTRAL DENSITY	QN			NEAR QUALITY	QN			RES
SDL - SPECTRAL DENSITY	QL			SDL QUALITY LONG	QL			RES
SDL - SPECTRAL DENSITY	PTMP			PAD TEMPERATURE	PTMP			TEL
SDL - SPECTRAL DENSITY	LBWC			HSDL LS BARITE WINOW COUNTS	LBARWD			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
SDL - SPECTRAL DENSITY	PE			PHOTO-ELECTRIC FACTOR	PE			RES
SDL - SPECTRAL DENSITY	P5AN	V	V	Plus 5 Volts Analog	PL5AN	V	V	INP
SDL - SPECTRAL DENSITY	RHOB	G/C3	K/M3	BULK DENSITY	RHOB	g/cm3	Kg/m3	RES
SDL - SPECTRAL DENSITY	DLIM	DECP	DECP	DENSITY POROSITY, LIMESTONE	DLIM	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	EDLI	DECP	DECP	DENSITY POROSITY LIME, EVR	EDLI	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	EDCT	G/CC	K/M3	EVR DENSITY CORRECTION TOTAL	EDCT	GM/CC	KG/M3	RES
SDL - SPECTRAL DENSITY	EDCP	G/CC	K/M3	EVR DENSITY CORRECTION POS.	EDCP	GM/CC	KG/M3	RES
SDL - SPECTRAL DENSITY	EDCN	G/CC	K/M3	EVR DENSITY CORRECTION NEG.	EDCN	GM/CC	KG/M3	RES
SDL - SPECTRAL DENSITY	DRHO	G/C3	K/M3	DENSITY CORRECTION	DRHO	g/cm3	Kg/m3	RES
SDL - SPECTRAL DENSITY	DPHS	DECP	DECP	DENSITY POROSITY, SANDSTONE	DPHS	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	EDMF			EVR MINIMUM FILTERING	EDMF			RES
SDL - SPECTRAL DENSITY	DPHD	DECP	DECP	DENSITY POROSITY, DOLOMITE	DPHD	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	DPE			PE CORRECTION	DPE			RES
SDL - SPECTRAL DENSITY	DCOM			DENSITY CORRECTION MINUS	DCOR_M			RES
SDL - SPECTRAL DENSITY	DC10	V	V	DCB 10 Volt Reference	DCB10	V	V	INP
SDL - SPECTRAL DENSITY	CORP			DENSITY CORRECTION PLUS	CORP			RES
SDL - SPECTRAL DENSITY	5VD	V	V	5 Volt	5VD	V	V	INP
SDL - SPECTRAL DENSITY	CORM			DENSITY CORRECTION MINUS	CORM			RES
SDL - SPECTRAL DENSITY	ITMP			INSTRUMENT TEMPERATURE	ITMP			TEL
SDL - SPECTRAL DENSITY	PROU	V	V	Pre Reg OUT	PROUT	V	V	INP
SDL - SPECTRAL DENSITY	DPHI	DECP	DECP	DENSITY POROSITY	DPHI	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	FDE	CPS	CPS	FAR DENSITY	FDE	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	DCOP			DENSITY CORRECTION PLUS	DCOR_P			RES
SDL - SPECTRAL DENSITY	EDPD	DECP	DECP	DENSITY POROSITY DOLO, EVR	EDPD	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	FPK	CPS	CPS	FAR PEAK	FPK	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	FLO	CPS	CPS	FAR CESIUM LOW	FLO	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	FLI	CPS	CPS	FAR LITHOLOGY	FLI	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	FHI	CPS	CPS	FAR CESIUM HIGH	FHI	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	FVA	CPS	CPS	FAR VALLEY	FVA	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	FBA	CPS	CPS	FAR BARITE	FBA	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	EDPS	DECP	DECP	DENSITY POROSITY SAND, EVR	EDPS	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	EDPH	DECP	DECP	DENSITY POROSITY, EVR	EDPH	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	FHV	V	V	FAR HIGH VOLTAGE	FHV	V	V	INP
SDL - SPECTRAL DENSITY	EDPL	DECP	DECP	EVR DENSITY LIME POROSITY	EDPL	100 pu	100 pu	RES
SDL - SPECTRAL DENSITY	FAB	CPS	CPS	FAR ABOVE	FAB	1.0/S	1.0/S	TEL
SDL - SPECTRAL DENSITY	EMPE			EVR PE - MIN FILT	EMPE			RES
SDL - SPECTRAL DENSITY	EMRH	G/CC	KG/M3	EVR BULK DENSITY - MIN FILT	EMRH	G/CC	KG/M3	RES
SDL - SPECTRAL DENSITY	EPE			PE EVR	EPE			RES
SDL - SPECTRAL DENSITY	EPMF			EVR PE MINIMUM FILTERING	EPMF			RES
SDL - SPECTRAL DENSITY	ERHO	G/CC	KG/M3	BULK DENSITY - EVR PROCESSED	ERHO	G/CC	KG/M3	RES
SED - SIX ELECT DIPMETER	PDD2	OHMM	OHMM	SED PAD #2 RESISTIVITY (FAST)	PDD2	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	MAGZ			MAGNETOMETER Z-AXIS	MAGZ			RES
SED - SIX ELECT DIPMETER	MAGY			MAGNETOMETER Y-AXIS	MAGY			RES
SED - SIX ELECT DIPMETER	P2B1	OHMM	OHMM	SED PAD #2, RESISTIVITY	P2B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	P3B1	OHMM	OHMM	SED PAD #3, RESISTIVITY	P3B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	P4B1	OHMM	OHMM	SED PAD #4, RESISTIVITY	P4B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	P5B1	OHMM	OHMM	SED PAD #5, RESISTIVITY	P5B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	P6B1	OHMM	OHMM	SED PAD #6, RESISTIVITY	P6B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDD1	OHMM	OHMM	SED PAD #1 RESISTIVITY (FAST)	PDD1	ohm.m	ohm.m	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
SED - SIX ELECT DIPMETER	P1B1	OHMM	OHMM	SED PAD #1 RESISTIVITY	P1B1	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDD3	OHMM	OHMM	SED PAD #3 RESISTIVITY (FAST)	PDD3	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDD4	OHMM	OHMM	SED PAD #4 RESISTIVITY (FAST)	PDD4	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDD5	OHMM	OHMM	SED PAD #5 RESISTIVITY (FAST)	PDD5	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDD6	OHMM	OHMM	SED PAD #6 RESISTIVITY (FAST)	PDD6	ohm.m	ohm.m	RES
SED - SIX ELECT DIPMETER	PDDV	V	V	SED PAD VOLTAGE	PDDV	V	V	RES
SED - SIX ELECT DIPMETER	PRES			SED PAD FORCE	PRES			RES
SED - SIX ELECT DIPMETER	RB	DEG	DEG	PAD #1 ROTATION	RB	deg	deg	RES
SED - SIX ELECT DIPMETER	ZACC	G	G	SED Z ACCELEROMETER (FAST)	ZACC	G	G	RES
SED - SIX ELECT DIPMETER	MAGX			MAGNETOMETER X-AXIS	MAGX			RES
SED - SIX ELECT DIPMETER	F2B1			SED PAD #2, PROFILE 1 (FAST)	F2B1			RES
SED - SIX ELECT DIPMETER	TEMP	DEGC	DEGC	NAVIGATION TEMPERATURE	TEMP	degC	degC	RES
SED - SIX ELECT DIPMETER	CAL3	IN	MM	SED CALIPER ARM #3 (RADIUS X2)	CAL3	in	mm	RES
SED - SIX ELECT DIPMETER	ACCX	G	G	ACCELEROMETER X-AXIS	ACCX	G	G	RES
SED - SIX ELECT DIPMETER	ACCY	G	G	ACCELEROMETER Y-AXIS	ACCY	G	G	RES
SED - SIX ELECT DIPMETER	F4B1			SED PAD #4, PROFILE 1 (FAST)	F4B1			RES
SED - SIX ELECT DIPMETER	MAGQ			MAGNETOMETER SUM OF SQUARES	MAGQ			RES
SED - SIX ELECT DIPMETER	C14	IN	MM	SED CALIPER PAIR 1-4	C14	in	mm	RES
SED - SIX ELECT DIPMETER	C25	IN	MM	SED CALIPER PAIR 2-5	C25	in	mm	RES
SED - SIX ELECT DIPMETER	C36	IN	MM	SED CALIPER PAIR 3-6	C36	in	mm	RES
SED - SIX ELECT DIPMETER	CAL2	IN	MM	SED CALIPER ARM #2 (RADIUS X2)	CAL2	in	mm	RES
SED - SIX ELECT DIPMETER	CAL4	IN	MM	SED CALIPER ARM #4 (RADIUS X2)	CAL4	in	mm	RES
SED - SIX ELECT DIPMETER	CAL5	IN	MM	SED CALIPER ARM #5 (RADIUS X2)	CAL5	in	mm	RES
SED - SIX ELECT DIPMETER	CAL6	IN	MM	SED CALIPER ARM #6 (RADIUS X2)	CAL6	in	mm	RES
SED - SIX ELECT DIPMETER	F5B1			SED PAD #5, PROFILE 1 (FAST)	F5B1			RES
SED - SIX ELECT DIPMETER	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
SED - SIX ELECT DIPMETER	DMAX	IN	MM	SED MAXIMUM CALIPER PAIR	DMAX	in	mm	RES
SED - SIX ELECT DIPMETER	DMIN	IN	MM	SED MINIMUM CALIPER PAIR	DMIN	in	mm	RES
SED - SIX ELECT DIPMETER	DXTM	08.3MS	08.3MS	SED Z-ACCELEROMETER, TIME BASE	DXTM	8.3 mS	8.3 mS	INP
SED - SIX ELECT DIPMETER	F1B1			SED PAD #1, PROFILE 1 (FAST)	F1B1			RES
SED - SIX ELECT DIPMETER	F3B1			SED PAD #3, PROFILE 1 (FAST)	F3B1			RES
SED - SIX ELECT DIPMETER	CALA	IN	MM	SED AVERAGE CALIPER	CALA	in	mm	RES
SED - SIX ELECT DIPMETER	CAL1	IN	MM	SED CALIPER ARM #1 (RADIUS X2)	CAL1	in	mm	RES
SED - SIX ELECT DIPMETER	HAZI	DEG	DEG	DRIFT AZIMUTH	HAZI	deg	deg	RES
SED - SIX ELECT DIPMETER	F6B1			SED PAD #6, PROFILE 1 (FAST)	F6B1			RES
SFT - SEQ FORM TESTER	STTF	DEGF	DEGF	SFT TRANSDUCER TEMPERATURE	STTF	degF	degF	RES
SFT - SEQ FORM TESTER	STTC	DEG C	DEG C	SFT TRANSDUCER TEMP	STTC	DEG C	DEG C	RES
SFT - SEQ FORM TESTER	SSI			SAMPLE SHUTIN LOGICAL	SSI			RES
SFT - SEQ FORM TESTER	SITF	DEGF	DEGF	SFT INSTRUMENT TEMPERATURE	SITF	degF	degF	RES
SFT - SEQ FORM TESTER	SITC	DEGC	DEGC	SFT INSTRUMENT TEMPERATURE	SITC	degC	degC	RES
SFT - SEQ FORM TESTER	SDEP	FT	M	SFT SET DEPTH	SDEP	ft	m	RES
SFT - SEQ FORM TESTER	RPRE	PSI	KPA	STRAIN GAUGE PRESSURE	RPRE	psi	Kpa	RES
SFT - SEQ FORM TESTER	SAMP	CC	CC	PRETEST VOLUME	SAMP	0.01 L	0.01 L	RES
SFT - SEQ FORM TESTER	TENS	LB	KG	LINE TENSION (SURFACE)	TENS	lbm	Kg	RES
SFT - SEQ FORM TESTER	HSFE			HSFT Event	HSFE			RES
SFT - SEQ FORM TESTER	SDD	PSI	KPA	SFT SAMPLE DRAWDOWN	SDD	psi	Kpa	RES
SFT - SEQ FORM TESTER	TLPS			TOOL POSITION	TLPS			RES
SFT - SEQ FORM TESTER	TMIN	MN	MN	TEST TIME MINUTES	TMIN	min	min	RES
SFT - SEQ FORM TESTER	TPT	MN	MN	PRETEST TIME	TPT	min	min	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
SFT - SEQ FORM TESTER	TSAM	MN	MN	SFT SAMPLE TIME	TSAM	min	min	RES
SFT - SEQ FORM TESTER	TSEC	S	S	SECONDS INTO TEST	TSEC	S	S	RES
SFT - SEQ FORM TESTER	TSI	MN	MN	SHUTIN TIME	TSI	min	min	RES
SFT - SEQ FORM TESTER	TTMP	DEGF	DEGF	HSFT TRANSDUCER TEMPERATURE	TTMP	degF	degF	RES
SFT - SEQ FORM TESTER	STRA	PSI	KPA	STRAIN PRESSURE	STRA	psi	Kpa	RES
SFT - SEQ FORM TESTER	HYDP	PSI	KPA	HSFT HYDRAULIC PRESSURE	HYDP	psi	Kpa	RES
SFT - SEQ FORM TESTER	HTF	PSI	KPA	HONER BUILD UP DITS	HTF	psi	Kpa	RES
SFT - SEQ FORM TESTER	PTTH	PSI	KPA	PRESSURE TEN THOUSANDS	PTTH	psi	Kpa	RES
SFT - SEQ FORM TESTER	PROD	PSI	KPA	DRAW DOWN PRESSURE	PROD	psi	Kpa	RES
SFT - SEQ FORM TESTER	DMV	V	V	SFT DOWNHOLE MOTOR VOLTAGE	DMV	V	V	RES
SFT - SEQ FORM TESTER	KHOR	MD	MD	HORNER PERMEABILITY	KHOR	mD	mD	RES
SFT - SEQ FORM TESTER	PTHS	PSI	KPA	PRESSURE TENTHS	PTHS	psi	Kpa	RES
SFT - SEQ FORM TESTER	ATXT			ASCII ACTION EVENTS	A_TEXT			RES
SFT - SEQ FORM TESTER	ATIM			ASCII ELAPSED TIME	A_TIME			RES
SFT - SEQ FORM TESTER	DIV	V	V	SFT INSTRUMENT VOLTAGE	DIV	V	V	RES
SFT - SEQ FORM TESTER	FTHU	PSI	KPA	STRAIN PRESSURE HUNDREDS	FTHU	psi	Kpa	RES
SFT - SEQ FORM TESTER	FTON	PSI	KPA	STRAIN PRESSURE ONES	FTON	psi	Kpa	RES
SFT - SEQ FORM TESTER	FTTE	PSI	KPA	STRAIN PRESSURE TENS	FTTE	psi	Kpa	RES
SFT - SEQ FORM TESTER	FTTH	PSI	KPA	STRAIN PRESSURE THOUSANDS	FTTH	psi	Kpa	RES
SFT - SEQ FORM TESTER	HORT			HORNER TIME (DIMENSIONLESS)	HORT			RES
SFT - SEQ FORM TESTER	KD	MD	MD	DRAWDOWN PERMEABILITY	KD	mD	mD	RES
SFT - SEQ FORM TESTER	PBUP	PSI	KPA	SFT PRETEST BUILDUP	PBUP	psi	Kpa	RES
SFT - SEQ FORM TESTER	PRDD	PSI	KPA	DRAW DOWN PRESSURE	PRDD	psi	Kpa	RES
SFT - SEQ FORM TESTER	PTHO	PSI	KPA	PRESSURE THOUSANDS	PTHO	psi	Kpa	RES
SFT - SEQ FORM TESTER	PHDS	PSI	KPA	PRESSURE HUNDREDTHS	PHDS	psi	Kpa	RES
SFT - SEQ FORM TESTER	PSBU	PSI	KPA	SAMPLE BUILDUP	PSBU	psi	Kpa	RES
SFT - SEQ FORM TESTER	PTEN	PSI	KPA	PRESSURE TENS	PTEN	psi	Kpa	RES
SFT - SEQ FORM TESTER	PRES	PSI	KPA	TOTAL PRESSURE	PRES	psi	Kpa	RES
SFT - SEQ FORM TESTER	PPSI	PSI	KPA	SFT PREVIOUS SHUT-IN PRESSURE	PPSI	psi	Kpa	RES
SFT - SEQ FORM TESTER	PPSI	PSI	KPA	SFT PREVIOUS SHUT-IN PRESSURE	PPSI	psi	Kpa	RES
SFT - SEQ FORM TESTER	PONE	PSI	KPA	SFT PRESSURE ONES	PONE	psi	Kpa	RES
SFT - SEQ FORM TESTER	PHUN	PSI	KPA	PRESSURE HUNDREDS	PHUN	psi	Kpa	RES
SFT - SEQ FORM TESTER	PHST	PSI	KPA	SFT HYDROSTATIC PRESSURE	PHST	psi	Kpa	RES
SFT - SEQ FORM TESTER	PHFL	PSI	KPA	SFT HYDRAULIC PRESSURE	PHFL	psi	Kpa	RES
TMD-L - THERMAL MULTIGATE DECAY	RICL			ALOG10(RINC)	RINCL			RES
TMD-L - THERMAL MULTIGATE DECAY	NSG6			NEAR GATE 6 CNTS UNFILTERED	NSG6			RES
TMD-L - THERMAL MULTIGATE DECAY	QW			WATER FLOW RATE	QW			RES
TMD-L - THERMAL MULTIGATE DECAY	RIN			RATIO NEAR TO FAR INELASTIC	RIN			RES
TMD-L - THERMAL MULTIGATE DECAY	PHIT			POROSITY FROM NEAR/FAR RATIO	PHIT			RES
TMD-L - THERMAL MULTIGATE DECAY	OBI			OXYGEN BACKGROUND	OBI			RES
TMD-L - THERMAL MULTIGATE DECAY	OB66			OB66	OB66			RES
TMD-L - THERMAL MULTIGATE DECAY	RINC			RATIO N NET INEL TO F NET INEL	RINC			RES
TMD-L - THERMAL MULTIGATE DECAY	OAI			OXYGEN ACTIVATION	OAI			RES
TMD-L - THERMAL MULTIGATE DECAY	RICF			RATIO FAR TO FAR COUNTS	RICF			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
TMD-L - THERMAL MULTIGATE DECAY	O194			OA194	OA194			RES
TMD-L - THERMAL MULTIGATE DECAY	O114			OA114	OA114			RES
TMD-L - THERMAL MULTIGATE DECAY	NTMD			NEAR COUNTRATE	NTMD			RES
TMD-L - THERMAL MULTIGATE DECAY	NSG3			NEAR GATE 3 CNTS UNFILTERED	NSG3			RES
TMD-L - THERMAL MULTIGATE DECAY	NSGI			NEAR GATE I	NSGI			RES
TMD-L - THERMAL MULTIGATE DECAY	NSG5			NEAR GATE 5 CNTS UNFILTERED	NSG5			RES
TMD-L - THERMAL MULTIGATE DECAY	NSG4			NEAR GATE 4 CNTS UNFILTERED	NSG4			RES
TMD-L - THERMAL MULTIGATE DECAY	RINL			Log(RIN)	RINL			RES
TMD-L - THERMAL MULTIGATE DECAY	SGIN	CU	CU	INTRINSIC FORMATION SIGMA	SGIN	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	NSG2			NEAR GATE 2 CNTS UNFILTERED	NSG2			RES
TMD-L - THERMAL MULTIGATE DECAY	NSG1			NEAR GATE 1CNTS UNFILTERED	NSG1			RES
TMD-L - THERMAL MULTIGATE DECAY	NSIN	CU	CU	NEAR INELASTIC COUNTS	NSIN	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	SGNU			NEAR SIGMA STATISTIC	SGNU			RES
TMD-L - THERMAL MULTIGATE DECAY	NSBU			NEAR BACKGROUND UNFILTERED	NSBU			RES
TMD-L - THERMAL MULTIGATE DECAY	INOX			OXYGEN VALUE	INOX			RES
TMD-L - THERMAL MULTIGATE DECAY	YSI			YIELD SILICATE	YSI			RES
TMD-L - THERMAL MULTIGATE DECAY	YFE			YIELD IRON	YFE			RES
TMD-L - THERMAL MULTIGATE DECAY	YCA			YIELD CARBONATE	YCA			RES
TMD-L - THERMAL MULTIGATE DECAY	Y4			YIELD EXTRA	Y4			RES
TMD-L - THERMAL MULTIGATE DECAY	WBUF			Work Space Buffer	WBUF			RES
TMD-L - THERMAL MULTIGATE DECAY	TNGT			NEAR SPACED UNFILTERED	TNGT			INP
TMD-L - THERMAL MULTIGATE DECAY	TNA			TOTAL NEAR ACTIVATION	TNA			RES
TMD-L - THERMAL MULTIGATE DECAY	TFGT			FAR SPACED GATES	TFGT			INP
TMD-L - THERMAL MULTIGATE DECAY	SGFN	CU	CU	NEAR FORMATION SIGMA	SGFN	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	TFA			TOTAL FAR ACTIVATION	TFA			RES
TMD-L - THERMAL MULTIGATE DECAY	ROA			RATIO OXYGEN ACTIVATION	ROA			RES
TMD-L - THERMAL MULTIGATE DECAY	SGFU			FAR SIGMA STATISTIC	SGFU			RES
TMD-L - THERMAL MULTIGATE DECAY	SGFM	CU	CU	CORRECTED FORMATION SIGMA	SGFM	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	SGFF	CU	CU	FAR FORMATION SIGMA	SGFF	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	SGBN	CU	CU	NEAR BOREHOLE SIGMA	SGBN	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	SGBF	CU	CU	FAR BOREHOLE SIGMA	SGBF	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	RTMD			RATIO NEAR TO FAR COUNTRATE	RTMD			RES
TMD-L - THERMAL MULTIGATE DECAY	RTBF			RATIO NEAR BORE TO FORM AMP	RTBF			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
TMD-L - THERMAL MULTIGATE DECAY	ROAT			RATIO OXYGEN ACTIVATION TOTAL	ROAT			RES
TMD-L - THERMAL MULTIGATE DECAY	ROAS			RATIO OXY ACTIVATION SPECTRAL	ROAS			RES
TMD-L - THERMAL MULTIGATE DECAY	ROAG			RATIO OXYGEN ACTIVATION GAMMA	ROAG			RES
TMD-L - THERMAL MULTIGATE DECAY	TFGT			FAR SPACED UNFILTERED	TFGT			INP
TMD-L - THERMAL MULTIGATE DECAY	E510			E510	E510			RES
TMD-L - THERMAL MULTIGATE DECAY	FACT			FAT ACTIVATION SPECTRUM	FACT			INP
TMD-L - THERMAL MULTIGATE DECAY	ESGN	CU	CU	EVR SIGMA NEAR	ESGN	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	ESGF	CU	CU	EVR SIGMA FORMATION FAR	ESGF	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	ESFM	CU	CU	EVR SIGMA FORMATION CORRECTED	ESFM	cu	CU	RES
TMD-L - THERMAL MULTIGATE DECAY	ERIN			EVR RATIO INEL COUNTS	ERIN			RES
TMD-L - THERMAL MULTIGATE DECAY	ERIC			EVR RATIO INEL/FS COUNTS	ERIC			RES
TMD-L - THERMAL MULTIGATE DECAY	ENTM			EVR NEAR COUNTS	ENTM			RES
TMD-L - THERMAL MULTIGATE DECAY	EGR	GAPI	GAPI	NATURAL GAMMA RAY - EVR	EGR	gAPI	gAPI	RES
TMD-L - THERMAL MULTIGATE DECAY	EFTM			EVR FAR COUNTS	EFTM			RES
TMD-L - THERMAL MULTIGATE DECAY	EFSI			EVR FAR INELASTIC COUNTS	EFSI			RES
TMD-L - THERMAL MULTIGATE DECAY	ECRN			EVR CORR RATIO COUNT	ECRN			RES
TMD-L - THERMAL MULTIGATE DECAY	FDX			FLOW DETECTION INDICATOR	FDX			RES
TMD-L - THERMAL MULTIGATE DECAY	E645			OXYGEN CHANNEL - SECOND ESCAPE	E645			RES
TMD-L - THERMAL MULTIGATE DECAY	ERAT			EVR RATIO NEAR/FAR COUNTRATE	ERAT			RES
TMD-L - THERMAL MULTIGATE DECAY	DSIG			DELTA SIGMA FORMATION	DSIG			RES
TMD-L - THERMAL MULTIGATE DECAY	DCSF			DIFFUSION CORRECTED SIGMA FORM	DCSF			RES
TMD-L - THERMAL MULTIGATE DECAY	ABTF			FAR BOREHOLE AMPLITUDE	ABTF			RES
TMD-L - THERMAL MULTIGATE DECAY	ABTN			NEAR BOREHOLE AMPLITUDE	ABTN			RES
TMD-L - THERMAL MULTIGATE DECAY	BACK			BACKGROUND SPECTRUM	BACK			INP
TMD-L - THERMAL MULTIGATE DECAY	BKSM			SPECTRUM SUMS	BKSM			RES
TMD-L - THERMAL MULTIGATE DECAY	BORE			BOREHOLE SPECTRUM	BORE			INP
TMD-L - THERMAL MULTIGATE DECAY	CRAT			COMPTON RATIO	CRAT			RES
TMD-L - THERMAL MULTIGATE DECAY	CRNF			CORRECTED RATIO	CRNF			RES
TMD-L - THERMAL MULTIGATE DECAY	ITMP	DEGF	DEGC	INTERNAL INSTRUMENT TEMPERATUR	ITMP	degF	degC	RES
TMD-L - THERMAL MULTIGATE DECAY	NSBF			NEAR BACKGROUND FILTERED	NSBF			RES
TMD-L - THERMAL MULTIGATE DECAY	E665			IRON EDGE	E665			RES
TMD-L - THERMAL MULTIGATE DECAY	INCA			CATION VALUE	INCA			RES
TMD-L - THERMAL MULTIGATE DECAY	NNIN			NEAR NET INELASTIC COUNT RATE	NNIN			RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
TMD-L - THERMAL MULTIGATE DECAY	NFTR			NEAR FIT ERROR	NFTR			RES
TMD-L - THERMAL MULTIGATE DECAY	NACT			NEAR ACTIVATION SPECTRUM	NACT			INP
TMD-L - THERMAL MULTIGATE DECAY	KATO			RATIO CATION/OXYGEN VALUE	KATO			RES
TMD-L - THERMAL MULTIGATE DECAY	ENSI			EVR NEAR INELASTIC COUNTS	ENSI			RES
TMD-L - THERMAL MULTIGATE DECAY	INEL			INELASTIC SPECTRUM	INEL			INP
TMD-L - THERMAL MULTIGATE DECAY	FFTR			FAR FIT ERROR	FFTR			RES
TMD-L - THERMAL MULTIGATE DECAY	GRA	API	API	GAMMA RAY TMD FILTERED	GRA	gAPI	gAPI	RES
TMD-L - THERMAL MULTIGATE DECAY	GENV	VOLTS	VOLTS	GENERATOR VOLTS	GENV	VOLTS	VOLTS	INP
TMD-L - THERMAL MULTIGATE DECAY	FVT			FLOW VELOCITY TOTAL	FVT			RES
TMD-L - THERMAL MULTIGATE DECAY	FVS			FLOW VELOCITY SPECTRAL	FVS			RES
TMD-L - THERMAL MULTIGATE DECAY	FVG			FLOW VELOCITY GAMMA	FVG			RES
TMD-L - THERMAL MULTIGATE DECAY	FV			FLOW VELOCITY	FV			RES
TMD-L - THERMAL MULTIGATE DECAY	FTMD			FAR COUNTRATE	FTMD			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG1			FAR GATE 1 CNTS UNFILTERED	FSG1			RES
TMD-L - THERMAL MULTIGATE DECAY	FNIN			FAR NET INELASTIC COUNT RATE	FNIN			RES
TMD-L - THERMAL MULTIGATE DECAY	IONI	MA	MA	ION CURRENT	IONI	MA	MA	INP
TMD-L - THERMAL MULTIGATE DECAY	FSIN			FAR INELASTIC COUNTS	FSIN			RES
TMD-L - THERMAL MULTIGATE DECAY	FORM			FORMATION SPECTRUM	FORM			INP
TMD-L - THERMAL MULTIGATE DECAY	FSBU			FAR BACKGROUND UNFILTERED	FSBU			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG2			FAR GATE 2 CNTS UNFILTERED	FSG2			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG3			FAR GATE 3 CNTS UNFILTERED	FSG3			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG4			FAR GATE 4 CNTS UNFILTERED	FSG4			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG5			FAR GATE 5 CNTS UNFILTERED	FSG5			RES
TMD-L - THERMAL MULTIGATE DECAY	FSG6			FAR GATE 6 CNTS UNFILTERED	FSG6			RES
TMD-L - THERMAL MULTIGATE DECAY	FSGI			FAR GATE I	FSGI			RES
TMD-L - THERMAL MULTIGATE DECAY	FSBF			FAR BACKGROUND FILTERED	FSBF			RES
WSTT - WAVESONIC	SBY			Y B-D PRES WAVEFORM SEMBLANCE	SBY			INP
WSTT - WAVESONIC	YSBP			Y SEMBLANCE VALUE OF PEAK	YSBP			INP
WSTT - WAVESONIC	SBX			X A-C PRES WAVEFORM SEMBLANCE	SBX			INP
WSTT - WAVESONIC	SPHI	DECP	DECP	SONIC POROSITY	SPHI	100 pu	100 pu	RES
WSTT - WAVESONIC	VPVX			VELOCITY RATIO X	VPVX			INP
WSTT - WAVESONIC	VPVY			VELOCITY RATIO Y	VPVY			INP
WSTT - WAVESONIC	WVST			XACT FORMAT DATA STRUCTURE	WVST			INP
WSTT - WAVESONIC	XDT2			X DIPOLE PEAK SLOWNESS 2	XDT2			INP
WSTT - WAVESONIC	XSBP			X SEMBLANCE VALUE OF PEAK	XSBP			INP
WSTT - WAVESONIC	XSH			X DIPOLE UPPER SLOWNESS	XSH			INP

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
WSTT - WAVESONIC	XSL			X DIPOLE LOWER SLOWNESS	XSL			INP
WSTT - WAVESONIC	YDT			Y DIPOLE PEAK SLOWNESS	YDT			INP
WSTT - WAVESONIC	YMUT			Y DIPOLE MUTE	YMUT			INP
WSTT - WAVESONIC	YSH			Y DIPOLE UPPER SLOWNESS	YSH			INP
WSTT - WAVESONIC	YSL			Y DIPOLE LOWER SLOWNESS	YSL			INP
WSTT - WAVESONIC	XDT			X DIPOLE PEAK SLOWNESS	XDT			INP
WSTT - WAVESONIC	SBM			MONO PRES WAVEFORM SEMBLANCE	SBM			INP
WSTT - WAVESONIC	YDT2			Y DIPOLE PEAK SLOWNESS 2	YDT2			INP
WSTT - WAVESONIC	DXRV			DIPOLE X WAVE RIGHT VALUE	DXRV			INP
WSTT - WAVESONIC	PRY			POISSON"S RATIO Y	PRY			INP
WSTT - WAVESONIC	XMUT			X DIPOLE MUTE	XMUT			INP
WSTT - WAVESONIC	DXLV			DIPOLE X WAVE LEFT VALUE	DXLV			INP
WSTT - WAVESONIC	DPSY			DIPOLE SOURCE Y STRUCTURE	DPSY			INP
WSTT - WAVESONIC	DPSX			DIPOLE SOURCE X STRUCTURE	DPSX			INP
WSTT - WAVESONIC	D2CT			DIPOLE 2 COMPRESSED WORD COUNT	D2CT			INP
WSTT - WAVESONIC	D1CT			DIPOLE 1 COMPRESSED WORD COUNT	D1CT			INP
WSTT - WAVESONIC	ACQN			ACQUISITION NUMBER	ACQN			INP
WSTT - WAVESONIC	DXXW			X DIPOLE A-C #1 PRES WAVEFORM	DXXW			INP
WSTT - WAVESONIC	DYLV			DIPOLE Y LEFT VALUE	DYLV			INP
WSTT - WAVESONIC	DYRV			DIPOLE Y RIGHT VALUE	DYRV			INP
WSTT - WAVESONIC	DYYW			Y DIPOLE B-D #1 PRES WAVEFORM	DYYW			INP
WSTT - WAVESONIC	FAZI			DIRECTION OF FAST SHEAR WAVE	FAZI			INP
WSTT - WAVESONIC	MSH			MONOPOLE UPPER SLOWNESS	MSH			INP
WSTT - WAVESONIC	PNSA			% ANISOTROPY	PNSA			INP
WSTT - WAVESONIC	PRX			POISSON"S RATIO X	PRX			INP
WSTT - WAVESONIC	CONF			CONFIDENCE OF THE MEASUREMENT	CONF			INP
WSTT - WAVESONIC	MCNT			MONOPOLE COMPRESSED WORD COUNT	MCNT			INP
WSTT - WAVESONIC	MWRV			MONOPOLE WAVE RIGHT VALUE	MWRV			INP
WSTT - WAVESONIC	MSL			MONOPOLE LOWER SLOWNESS	MSL			INP
WSTT - WAVESONIC	MWV			MONOPOLE REC #1 PRES WAVEFORM	MWV			INP
WSTT - WAVESONIC	MSBP			MONO SEMBLANCE VALUE OF PEAK	MSBP			INP
WSTT - WAVESONIC	MMUT			MONOPOLE MUTE	MMUT			INP
WSTT - WAVESONIC	MIT			MIT mode	MITMOD			INP
WSTT - WAVESONIC	MDT2			MONOPOLE PEAK SLOWNESS 2	MDT2			INP
WSTT - WAVESONIC	MDT			MONOPOLE PEAK SLOWNESS	MDT			INP
WSTT - WAVESONIC	MWLV			MONOPOLE WAVE LEFT VALUE	MWLV			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMIS	NESW	NESW	VIEW BUTTONS IMAGE (N-E-S-W-N)	OMIS	NESW	NESW	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI4	OHMM	OHMM	OMI #4 - FAST BUTTON ARRAY	OMI4	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P1B1	OHMM	OHMM	PAD #1 RESISTIVITY	P1B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI6	OHMM	OHMM	OMI #6 - FAST BUTTON ARRAY	OMI6	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI5	OHMM	OHMM	OMI #5 - FAST BUTTON ARRAY	OMI5	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI3	OHMM	OHMM	OMI #3 - FAST BUTTON ARRAY	OMI3	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI2	OHMM	OHMM	OMI #2 - FAST BUTTON ARRAY	OMI2	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	OMI1	OHMM	OHMM	OMI #1 - FAST BUTTON ARRAY	OMI1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ITMP	DEGF	DEGC	INTERNAL TEMPERATURE	ITMP	degF	degC	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
XRMI/XROMI - EXT RANGE MICRO IMAGING	F5B1			SED PAD #5, PROFILE 1 (FAST)	F5B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P2B1	OHMM	OHMM	PAD #2 RESISTIVITY	P2B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ZACC	G	G	Z ACCELEROMETER (FAST)	ZACC	G	G	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	F6B1			SED PAD #6, PROFILE 1 (FAST)	F6B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P3B1	OHMM	OHMM	PAD #3 RESISTIVITY	P3B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P4B1	OHMM	OHMM	PAD #4 RESISTIVITY	P4B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P5B1	OHMM	OHMM	PAD #5 RESISTIVITY	P5B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	P6B1	OHMM	OHMM	PAD #6 RESISTIVITY	P6B1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	PADS	NESW	NESW	VIEW BUTTONS IMAGE (N-E-S-W-N)	XPADS	NESW	NESW	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM1			ROMI #1 - FAST RAW VOLTAGE	ROMI1			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM2			ROMI #2 - FAST RAW VOLTAGE	ROMI2			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM3			ROMI #3 - FAST RAW VOLTAGE	ROMI3			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM4			ROMI #4 - FAST RAW VOLTAGE	ROMI4			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM5			ROMI #5 - FAST RAW VOLTAGE	ROMI5			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ROM6			ROMI #6 - FAST RAW VOLTAGE	ROMI6			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	F4B1			SED PAD #4, PROFILE 1 (FAST)	F4B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	XRAZ			XRMI AZIMUTH	EMIAZ			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	DMIN	IN	MM	XRMI MINIMUM CALIPER PAIR	DMIN	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	XRAZ			XRMI AZIMUTH	EMIAZ			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	AHV	FT3	M3	ANNULAR HOLE VOLUME MARK	AHV	ft3	m3	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD1	OHMM	OHMM	PAD #1 RESISTIVITY (FAST)	EDD1	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	C36	IN	MM	XRMI CALIPER PAIR 3-6	C36	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	C25	IN	MM	XRMI CALIPER PAIR 2-5	C25	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	C14	IN	MM	XRMI CALIPER PAIR 1-4	C14	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	BHVT	FT3	M3	BOREHOLE VOLUME TOTAL	BHVT	ft3	m3	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	BHV	FT3	M3	BOREHOLE VOLUME MARK	BHV	ft3	m3	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL2	IN	MM	XRMI CALIPER ARM #2 (DIAMETER)	CAL2	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	AHVT	FT3	M3	ANNULAR HOLE VOLUME TOTAL	AHVT	ft3	m3	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL3	IN	MM	XRMI CALIPER ARM #3 (DIAMETER)	CAL3	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACZU	G	G	ACCELEROMETER Z UNFILTERED	ACZU	G	G	INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACYU	G	G	ACCELEROMETER Y UNFILTERED	ACYU	G	G	INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACXU	G	G	ACCELEROMETER X UNFILTERED	ACXU	G	G	INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACCZ	G	G	ACCELEROMETER Z-AXIS	ACCZ	G	G	RES

Serv_Name	LIS Mnem	LISU_ eng	LISU_ met	Description	Mnem	DLISU_ Eng	DLISU_ Met	Type_ Data
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACCY	G	G	ACCELEROMETER Y-AXIS	ACCY	G	G	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACCX	G	G	ACCELEROMETER X-AXIS	ACCX	G	G	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	ACCQ			ACCELEROMETER SUM OF SQUARES	ACCQ			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	AZI1	DEG	DEG	PAD #1 AZIMUTH	AZI1	deg	deg	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	DXTM	08.3MS	08.3MS	Z ACCELEROMETER (FAST) TIME-MS	DXTM	8.3 mS	8.3 mS	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	F2B1			SED PAD #2, PROFILE 1 (FAST)	F2B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	F1B1			SED PAD #1, PROFILE 1 (FAST)	F1B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EMIM			XRMI LAST TOOL COMMAND	EMIM			INP
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD6	OHMM	OHMM	PAD #6 RESISTIVITY (FAST)	EDD6	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD5	OHMM	OHMM	PAD #5 RESISTIVITY (FAST)	EDD5	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD4	OHMM	OHMM	PAD #4 RESISTIVITY (FAST)	EDD4	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL1	IN	MM	XRMI CALIPER ARM #1 (DIAMETER)	CAL1	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD2	OHMM	OHMM	PAD #2 RESISTIVITY (FAST)	EDD2	ohm.m	ohm.m	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	F3B1			SED PAD #3, PROFILE 1 (FAST)	F3B1			RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	DMAX	IN	MM	XRMI MAXIMUM CALIPER PAIR	DMAX	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	DEVI	DEG	DEG	DRIFT ANGLE	DEVI	deg	deg	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	DCAL	IN	MM	XRMI DIFFERENTIAL CALIPER	DCAL	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CALA	IN	MM	XRMI AVERAGE CALIPER	CALA	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL6	IN	MM	XRMI CALIPER ARM #6 (DIAMETER)	CAL6	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL5	IN	MM	XRMI CALIPER ARM #5 (DIAMETER)	CAL5	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	CAL4	IN	MM	XRMI CALIPER ARM #4 (DIAMETER)	CAL4	in	mm	RES
XRMI/XROMI - EXT RANGE MICRO IMAGING	EDD3	OHMM	OHMM	PAD #3 RESISTIVITY (FAST)	EDD3	ohm.m	ohm.m	RES

Log Header Mnemonics

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	LRU5		LOGGING DATA-GENERAL-RUN NO. 5	Character
LOG_HDR	LSC1		LOGGING DATA-ACOUSTIC-SCALE R 1	Character
LOG_HDR	LSC2		LOGGING DATA-ACOUSTIC-SCALE R 2	Character
LOG_HDR	LSC3		LOGGING DATA-ACOUSTIC-SCALE R 3	Character
LOG_HDR	LSC4		LOGGING DATA-ACOUSTIC-SCALE R 4	Character
LOG_HDR	LSC5		LOGGING DATA-ACOUSTIC-SCALE R 5	Character
LOG_HDR	LSL1		LOGGING DATA-NEUTRON-SCALE L 1	Character
LOG_HDR	LSL2		LOGGING DATA-NEUTRON-SCALE L 2	Character
LOG_HDR	LSL3		LOGGING DATA-NEUTRON-SCALE L 3	Character
LOG_HDR	LSL4		LOGGING DATA-NEUTRON-SCALE L 4	Character
LOG_HDR	LSL5		LOGGING DATA-NEUTRON-SCALE L 5	Character
LOG_HDR	LSP1		LOGGING DATA-GENERAL-SPEED 1	Character
LOG_HDR	LSP2		LOGGING DATA-GENERAL-SPEED 2	Character
LOG_HDR	LSP3		LOGGING DATA-GENERAL-SPEED 3	Character
LOG_HDR	LSP4		LOGGING DATA-GENERAL-SPEED 4	Character
LOG_HDR	LSP5		LOGGING DATA-GENERAL-SPEED 5	Character
LOG_HDR	LSR1		LOGGING DATA-NEUTRON-SCALE R 1	Character
LOG_HDR	LSR2		LOGGING DATA-NEUTRON-SCALE R 2	Character
LOG_HDR	LSR3		LOGGING DATA-NEUTRON-SCALE R 3	Character
LOG_HDR	LSR4		LOGGING DATA-NEUTRON-SCALE R 4	Character
LOG_HDR	LSR5		LOGGING DATA-NEUTRON-SCALE R 5	Character
LOG_HDR	LSRV	LSRV	NAME OF SERVICE	Character
LOG_HDR	LTO1		LOGGING DATA-GENERAL-DEPTH TO 1	Character
LOG_HDR	LTO2		LOGGING DATA-GENERAL-DEPTH TO 2	Character
LOG_HDR	LTO3		LOGGING DATA-GENERAL-DEPTH TO 3	Character
LOG_HDR	LTO4		LOGGING DATA-GENERAL-DEPTH TO 4	Character
LOG_HDR	LTO5		LOGGING DATA-GENERAL-DEPTH TO 5	Character
LOG_HDR	LTYP	LTYP	LOG TYPE	Character
LOG_HDR	LUL	LUL1	LOGGING UNIT LOCATION	Character
LOG_HDR	LUL2	LUL2	LOGGING UNIT LOCATION 2	Character
LOG_HDR	LUL3	LUL3	LOGGING UNIT LOCATION 3	Character
LOG_HDR	LUL4	LUL4	LOGGING UNIT LOCATION 4	Character
LOG_HDR	LUN	LUN1	LOGGING UNIT NUMBER	Character
LOG_HDR	LUN2	LUN2	LOGGING UNIT NUMBER 2	Character
LOG_HDR	LUN3	LUN3	LOGGING UNIT NUMBER 3	Character
LOG_HDR	LUN4	LUN4	LOGGING UNIT NUMBER 4	Character
LOG_HDR	MCS2	MCS2	MUD CAKE SAMPLE SOURCE 2	Character
LOG_HDR	MCS3	MCS3	MUD CAKE SAMPLE SOURCE 3	Character
LOG_HDR	MCS4	MCS4	MUD CAKE SAMPLE SOURCE 4	Character
LOG_HDR	MCSS	MCSS	MUD CAKE SAMPLE SOURCE	Character
LOG_HDR	MCST	TMC1	MUDCAKE SAMPLE TEMPERATURE	Character
LOG_HDR	MCT2	TMC2	MUDCAKE SAMPLE TEMPERATURE 2	Character
LOG_HDR	MCT3	TMC3	MUDCAKE SAMPLE TEMPERATURE 3	Character
LOG_HDR	MCT4	TMC4	MUDCAKE SAMPLE TEMPERATURE 4	Character
LOG_HDR	MFS2	MFSS2	MUD FILTRATE SAMPLE SOURCE 2	Character
LOG_HDR	MFS3	MFSS3	MUD FILTRATE SAMPLE SOURCE 3	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	MFS4	MFSS4	MUD FILTRATE SAMPLE SOURCE 4	Character
LOG_HDR	MFSS	MFSS	MUD FILTRATE SAMPLE SOURCE	Character
LOG_HDR	MFST	TMF1	MUD FILTRATE SAMPLE TEMPERATURE	Character
LOG_HDR	MFT2	TMF2	MUD FILTRATE SAMPLE TEMPERATURE 2	Character
LOG_HDR	MFT3	TMF3	MUD FILTRATE SAMPLE TEMPERATURE 3	Character
LOG_HDR	MFT4	TMF4	MUD FILTRATE SAMPLE TEMPERATURE 4	Character
LOG_HDR	MRT	MRT	MAXIMUM RECORDED TEMPERATURE	Character
LOG_HDR	MRT2	MRT2	MAXIMUM RECORDED TEMPERATURE 2	Character
LOG_HDR	MRT3	MRT3	MAXIMUM RECORDED TEMPERATURE 3	Character
LOG_HDR	MRT4	MRT4	MAXIMUM RECORDED TEMPERATURE 4	Character
LOG_HDR	MSS	MSS	SOURCE OF MUD SAMPLE	Character
LOG_HDR	MSS2	MSS2	SOURCE OF MUD SAMPLE 2	Character
LOG_HDR	MSS3	MSS3	SOURCE OF MUD SAMPLE 3	Character
LOG_HDR	MSS4	MSS4	SOURCE OF MUD SAMPLE 4	Character
LOG_HDR	OS1	OS1	OTHER SERVICES LINE 1	Character
LOG_HDR	OS2	OS2	OTHER SERVICES LINE 2	Character
LOG_HDR	OS3	OS3	OTHER SERVICES LINE 3	Character
LOG_HDR	OS4	OS4	OTHER SERVICES LINE 4	Character
LOG_HDR	OS5		OTHER SERVICES LINE 5	Character
LOG_HDR	OS6		OTHER SERVICES LINE 6	Character
LOG_HDR	OTH1		RES. EQUIP DATA: OTHER 1 (OH)	Character
LOG_HDR	OTH2		RES. EQUIP DATA: OTHER 2 (OH)	Character
LOG_HDR	OTH3		RES. EQUIP DATA: OTHER 3 (OH)	Character
LOG_HDR	OTH4		RES. EQUIP DATA: OTHER 4 (OH)	Character
LOG_HDR	OTH5		RES. EQUIP DATA: OTHER 5 (OH)	Character
LOG_HDR	OTH6		RES. EQUIP DATA: OTHER 6 (OH)	Character
LOG_HDR	PDAT	PDAT	PERMANENT DATUM	Character
LOG_HDR	PGMV		PROGRAM VERSION	Character
LOG_HDR	PT1		RES. EQUIP DATA: PAD TYPE 1 (OH)	Character
LOG_HDR	PT2		RES. EQUIP DATA: PAD TYPE 2 (OH)	Character
LOG_HDR	PT3		RES. EQUIP DATA: PAD TYPE 3 (OH)	Character
LOG_HDR	PT4		RES. EQUIP DATA: PAD TYPE 4 (OH)	Character
LOG_HDR	PT5		RES. EQUIP DATA: PAD TYPE 5 (OH)	Character
LOG_HDR	PT6		RES. EQUIP DATA: PAD TYPE 6 (OH)	Character
LOG_HDR	R1	RMK1	REMARKS LINE 1	Character
LOG_HDR	R10		REMARKS LINE 10	Character
LOG_HDR	R11		REMARKS LINE 11	Character
LOG_HDR	R12		REMARKS LINE 12	Character
LOG_HDR	R2	RMK2	REMARKS LINE 2	Character
LOG_HDR	R3	RMK3	REMARKS LINE 3	Character
LOG_HDR	R4	RMK4	REMARKS LINE 4	Character
LOG_HDR	R5		REMARKS LINE 5	Character
LOG_HDR	R6		REMARKS LINE 6	Character
LOG_HDR	R7		REMARKS LINE 7	Character
LOG_HDR	R8		REMARKS LINE 8	Character
LOG_HDR	ACB		ADD. SAMPLES: RMC - BHT 1 (OH)	Character
LOG_HDR	ACB2		ADD. SAMPLES: RMC - BHT 2 (OH)	Character
LOG_HDR	ACT		ADD. SAMPLES: MUDCAKE TEMP. 1	Character
LOG_HDR	ACT2		ADD. SAMPLES: MUDCAKE TEMP. 2	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	ACX		ADD. SAMPLES: RMC BOTTOMHOLE TEMP	Character
LOG_HDR	ACX2		ADD. SAMPLES: RMC BOTTOMHOLE TEMP	Character
LOG_HDR	ADD		ADDITIONAL SAMPLES: DEPTH-DRILLER 1 (OH)	Character
LOG_HDR	ADD2		ADDITIONAL SAMPLES: DEPTH-DRILLER 2 (OH)	Character
LOG_HDR	ADE		ADDITIONAL SAMPLES: DENSITY 1	Character
LOG_HDR	ADE2		ADDITIONAL SAMPLES: DENSITY 2	Character
LOG_HDR	ADFT		ADDITIONAL SAMPLES: FLUID TYPE IN HOLE 1 (OH)	Character
LOG_HDR	ADT		ADDITIONAL SAMPLES: DATE 1 (OPEN HOLE)	Character
LOG_HDR	ADT2		ADDITIONAL SAMPLES: DATE 1 (OPEN HOLE)	Character
LOG_HDR	AFB		ADD. SAMPLES: RMF - BHT 1 (OH)	Character
LOG_HDR	AFB2		ADD. SAMPLES: RMF - BHT 2 (OH)	Character
LOG_HDR	AFL		ADDITIONAL SAMPLES: FLUID LOSS 1	Character
LOG_HDR	AFL2		ADDITIONAL SAMPLES: FLUID LOSS 2	Character
LOG_HDR	AFT		ADD. SAMPLES: MUD FILTRATE TEMP 1 (OH)	Character
LOG_HDR	AFT2		ADD. SAMPLES: MUD FILTRATE TEMP 2 (OH)	Character
LOG_HDR	AFX		ADD. SAMPLES: RMF BOTTOMHOLE TEMP 1 (OH)	Character
LOG_HDR	AFX2		ADD. SAMPLES: RMF BOTTOMHOLE TEMP 2 (OH)	Character
LOG_HDR	AMS2		ADD. SAMPLES: MUD SAMPLE TEMP 2 (OH)	Character
LOG_HDR	AMST		ADD. SAMPLES: MUD SAMPLE TEMP 1 (OH)	Character
LOG_HDR	APD	APD	ABOVE PERMANENT DATUM	Character
LOG_HDR	APH		ADDITIONAL SAMPLES: PH 1 (OH)	Character
LOG_HDR	APH2		ADDITIONAL SAMPLES: PH 2 (OH)	Character
LOG_HDR	ARB		ADD. SAMPLES: RES. OF MUD - BHT 1 (OH)	Character
LOG_HDR	ARB2		ADD. SAMPLES: RES. OF MUD - BHT 2 (OH)	Character
LOG_HDR	ARC		ADD. SAMPLES: RES. OF MUDCAKE 1 (OH)	Character
LOG_HDR	ARC2		ADD. SAMPLES: RES. OF MUDCAKE 2 (OH)	Character
LOG_HDR	ARF		ADD. SAMPLES: RES. MUD FILTRATE 1 (OH)	Character
LOG_HDR	ARF2		ADD. SAMPLES: RES. MUD FILTRATE 2 (OH)	Character
LOG_HDR	ARM		ADD. SAMPLES: RES. OF MUD SAMPLE 1 (OH)	Character
LOG_HDR	ARM2		ADD. SAMPLES: RES. OF MUD SAMPLE 2 (OH)	Character
LOG_HDR	ARX		ADD. SAMPLES: RM BOTTOMHOLE TEMP 1 (OH)	Character
LOG_HDR	ARX2		ADD. SAMPLES: RM BOTTOMHOLE TEMP 2 (OH)	Character
LOG_HDR	ASC		ADD. SAMPLES: SOURCE RMC 1 (OH)	Character
LOG_HDR	ASC2		ADD. SAMPLES: SOURCE RMC 2 (OH)	Character
LOG_HDR	ASF		ADD. SAMPLES: SOURCE RMF 1 (OH)	Character
LOG_HDR	ASF2		ADD. SAMPLES: SOURCE RMF 2 (OH)	Character
LOG_HDR	ASN		ADDITIONAL SAMPLES: SAMPLE NO. 1 (OH)	Character
LOG_HDR	ASN2		ADDITIONAL SAMPLES: SAMPLE NO. 2 (OH)	Character
LOG_HDR	ASS		ADD. SAMPLES: SOURCE OF SAMPLE 1 (OH)	Character
LOG_HDR	ASS2		ADD. SAMPLES: SOURCE OF SAMPLE 2 (OH)	Character
LOG_HDR	AST2		ADD. SAMPLES: MUD FILTRATE TEMP 2 (OH)	Character
LOG_HDR	AV		ADDITIONAL SAMPLES: VISCOSITY 1 (OH)	Character
LOG_HDR	AV2		ADDITIONAL SAMPLES: VISCOSITY 2 (OH)	Character
LOG_HDR	EGL	EGL	ELEVATION OF GROUND LEVEL	Character
LOG_HDR	BARI	BARI	BARITE CORRECTION	Character
LOG_HDR	R9		REMARKS LINE 9	Character
LOG_HDR	RIG		DRILLING RIG	Character
LOG_HDR	RMB	RMBH1	RESISTIVITY OF MUD - BHT	Character
LOG_HDR	RMB2	RMBH2	RESISTIVITY OF MUD - BHT 2	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	RMB3	RMBH3	RESISTIVITY OF MUD - BHT 3	Character
LOG_HDR	RMB4	RMBH4	RESISTIVITY OF MUD - BHT 4	Character
LOG_HDR	RMC2	RMC2	RESISTIVITY OF MUD CAKE SAMPLE 2	Character
LOG_HDR	RMC3	RMC3	RESISTIVITY OF MUD CAKE SAMPLE 3	Character
LOG_HDR	RMC4	RMC4	RESISTIVITY OF MUD CAKE SAMPLE 4	Character
LOG_HDR	RMCS	RMCS	RESISTIVITY OF MUD CAKE SAMPLE	Character
LOG_HDR	RMF2	RMF2	RESISTIVITY OF MUD FILTRATE SAMPLE 2	Character
LOG_HDR	RMF3	RMF3	RESISTIVITY OF MUD FILTRATE SAMPLE 3	Character
LOG_HDR	RMF4	RMF4	RESISTIVITY OF MUD FILTRATE SAMPLE 4	Character
LOG_HDR	RMFS	RMF1	RESISTIVITY OF MUD FILTRATE SAMPLE	Character
LOG_HDR	RMS	RM1	RESISTIVITY OF MUD SAMPLE	Character
LOG_HDR	RMS2	RM2	RESISTIVITY OF MUD SAMPLE 2	Character
LOG_HDR	RMS3	RM3	RESISTIVITY OF MUD SAMPLE 3	Character
LOG_HDR	RMS4	RM4	RESISTIVITY OF MUD SAMPLE 4	Character
LOG_HDR	RRN1		RES. EQUIP DATA: RUN NO 1 (OH)	Character
LOG_HDR	RRN2		RES. EQUIP DATA: RUN NO 2 (OH)	Character
LOG_HDR	RRN3		RES. EQUIP DATA: RUN NO 3 (OH)	Character
LOG_HDR	RRN4		RES. EQUIP DATA: RUN NO 4 (OH)	Character
LOG_HDR	RRN5		RES. EQUIP DATA: RUN NO 5 (OH)	Character
LOG_HDR	RRN6		RES. EQUIP DATA: RUN NO 6 (OH)	Character
LOG_HDR	RUN		RUN NUMBER	Character
LOG_HDR	RUN2		RUN NUMBER 2	Character
LOG_HDR	RUN3		RUN NUMBER 3	Character
LOG_HDR	RUN4		RUN NUMBER 4	Character
LOG_HDR	SDC1		RES. SCALE CHANGES: DEPTH 1 (OH)	Character
LOG_HDR	SDC2		RES. SCALE CHANGES: DEPTH 2 (OH)	Character
LOG_HDR	SDC3		RES. SCALE CHANGES: DEPTH 3 (OH)	Character
LOG_HDR	SDC4		RES. SCALE CHANGES: DEPTH 4 (OH)	Character
LOG_HDR	SDC5		RES. SCALE CHANGES: DEPTH 5 (OH)	Character
LOG_HDR	SCT1		RES. SCALE CHANGES: TYPE LOG 1 (OH)	Character
LOG_HDR	SCT2		RES. SCALE CHANGES: TYPE LOG 2 (OH)	Character
LOG_HDR	SCT3		RES. SCALE CHANGES: TYPE LOG 3 (OH)	Character
LOG_HDR	SCT4		RES. SCALE CHANGES: TYPE LOG 4 (OH)	Character
LOG_HDR	SCT5		RES. SCALE CHANGES: TYPE LOG 5 (OH)	Character
LOG_HDR	SDAT	DATLOG	DATE SECTION STARTED	Character
LOG_HDR	SDH1		RES. SCALE CHANGES: SCALE DOWN HOLE 1	Character
LOG_HDR	SDH2		RES. SCALE CHANGES: SCALE DOWN HOLE 2	Character
LOG_HDR	SDH3		RES. SCALE CHANGES: SCALE DOWN HOLE 3	Character
LOG_HDR	SDH4		RES. SCALE CHANGES: SCALE DOWN HOLE 4	Character
LOG_HDR	SDH5		RES. SCALE CHANGES: SCALE DOWN HOLE 5	Character
LOG_HDR	SON	SON1	SERVICE/TICKET ORDER NUMBER	Character
LOG_HDR	STAT	STATE	STATE	Character
LOG_HDR	STEM	STEM	SURFACE TEMP	Character
LOG_HDR	STIM	TIMLOG	TIME SECTION STARTED	Character
LOG_HDR	SUH1		RES. SCALE CHANGES: SCALE UP HOLE 1 (OH)	Character
LOG_HDR	SUH2		RES. SCALE CHANGES: SCALE UP HOLE 2 (OH)	Character
LOG_HDR	SUH3		RES. SCALE CHANGES: SCALE UP HOLE 3 (OH)	Character
LOG_HDR	SUH4		RES. SCALE CHANGES: SCALE UP HOLE 4 (OH)	Character
LOG_HDR	SUH5		RES. SCALE CHANGES: SCALE UP HOLE 5 (OH)	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	TCS	TCS	TIME CIRCULATION STOPPED	Character
LOG_HDR	TCS2	TCS2	TIME CIRCULATION STOPPED 2	Character
LOG_HDR	TCS3	TCS3	TIME CIRCULATION STOPPED 3	Character
LOG_HDR	TCS4	TCS4	TIME CIRCULATION STOPPED 4	Character
LOG_HDR	TDD1	TDD1	DRILLERS DEPTH 1	Character
LOG_HDR	TDD2	TDD2	DRILLERS DEPTH 2	Character
LOG_HDR	TDD3	TDD3	DRILLERS DEPTH 3	Character
LOG_HDR	TDD4	TDD4	DRILLERS DEPTH 4	Character
LOG_HDR	TDL	TDL	LOGGERS DEPTH	Character
LOG_HDR	TDL2	TDL2	LOGGERS DEPTH 2	Character
LOG_HDR	TDL3	TDL3	LOGGERS DEPTH 3	Character
LOG_HDR	TDL4	TDL4	LOGGERS DEPTH 4	Character
LOG_HDR	TLA2	TLAB2	TIME LOGGING ON BOTTOM 2	Character
LOG_HDR	TLA3	TLAB3	TIME LOGGING ON BOTTOM 3	Character
LOG_HDR	TLA4	TLAB4	TIME LOGGING ON BOTTOM 4	Character
LOG_HDR	TLAB	TLAB	TIME LOGGING ON BOTTOM	Character
LOG_HDR	TLI	TLI	TOP LOGGED INTERVAL	Character
LOG_HDR	TLI2	TLI2	TOP LOGGED INTERVAL 2	Character
LOG_HDR	TLI3	TLI3	TOP LOGGED INTERVAL 3	Character
LOG_HDR	TLI4	TL4	TOP LOGGED INTERVAL 4	Character
LOG_HDR	TN1		RES. EQUIP DATA: TOOL TYPE & NO. 1 (OH)	Character
LOG_HDR	TN2		RES. EQUIP DATA: TOOL TYPE & NO. 2 (OH)	Character
LOG_HDR	TN3		RES. EQUIP DATA: TOOL TYPE & NO. 3 (OH)	Character
LOG_HDR	TN4		RES. EQUIP DATA: TOOL TYPE & NO. 4 (OH)	Character
LOG_HDR	TN5		RES. EQUIP DATA: TOOL TYPE & NO. 5 (OH)	Character
LOG_HDR	TN6		RES. EQUIP DATA: TOOL TYPE & NO. 6 (OH)	Character
LOG_HDR	TOOL	TOOL	TOOL STRING	Character
LOG_HDR	TPS1		RES. EQUIP DATA: TOOL POS. 1 (OH)	Character
LOG_HDR	TPS2		RES. EQUIP DATA: TOOL POS. 2 (OH)	Character
LOG_HDR	TPS3		RES. EQUIP DATA: TOOL POS. 3 (OH)	Character
LOG_HDR	TPS4		RES. EQUIP DATA: TOOL POS. 4 (OH)	Character
LOG_HDR	TPS5		RES. EQUIP DATA: TOOL POS. 5 (OH)	Character
LOG_HDR	TPS6		RES. EQUIP DATA: TOOL POS. 6 (OH)	Character
LOG_HDR	TTL1		HEADER TITLE LINE 1	Character
LOG_HDR	TTL4		HEADER TITLE LINE 4	Character
LOG_HDR	WIT2	WITN2	WITNESS 2 NAME	Character
LOG_HDR	WIT3	WITN3	WITNESS 3 NAME	Character
LOG_HDR	BASI	BASI	BASIN	Character
LOG_HDR	BHT	BHT	BOTTOMHOLE TEMPERATURE	Character
LOG_HDR	BHT2	BHT2	BOTTOMHOLE TEMPERATURE 2	Character
LOG_HDR	BHT3	BHT3	BOTTOMHOLE TEMPERATURE 3	Character
LOG_HDR	BHT4	BHT4	BOTTOMHOLE TEMPERATURE 4	Character
LOG_HDR	BLI	BLI1	BOTTOM LOGGED INTERVAL	Character
LOG_HDR	BLI2	BLI2	BOTTOM LOGGED INTERVAL 2	Character
LOG_HDR	BLI3	BLI3	BOTTOM LOGGED INTERVAL 3	Character
LOG_HDR	BLI4	BLI4	BOTTOM LOGGED INTERVAL 4	Character
LOG_HDR	BS1	BITDI1	BIT SIZE 1	Character
LOG_HDR	BS2	BITDI2	BIT SIZE 2	Character
LOG_HDR	BS3	BITDI3	BIT SIZE 3	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	BS4	BITDI4	BIT SIZE 4	Character
LOG_HDR	CBD1	DEDRI1	CASING BOTTOM DRILLER 1	Character
LOG_HDR	CBD2	DEDRI2	CASING BOTTOM DRILLER 2	Character
LOG_HDR	CBD3	DEDRI3	CASING BOTTOM DRILLER 3	Character
LOG_HDR	CBD4	DEDRI4	CASING BOTTOM DRILLER 4	Character
LOG_HDR	CBL1	DELOG1	CASING BOTTOM LOGGER 1	Character
LOG_HDR	CBL2	DELOG2	CASING BOTTOM LOGGER 2	Character
LOG_HDR	CBL3	DELOG3	CASING BOTTOM LOGGER 3	Character
LOG_HDR	CBL4	DELOG4	CASING BOTTOM LOGGER 4	Character
LOG_HDR	CN	COMPAN	COMPANY NAME	Character
LOG_HDR	COUN	COUNTY	COUNTY	Character
LOG_HDR	CS1	CASDI1	CASING DIAMETER 1	Character
LOG_HDR	CS2	CASDI2	CASING DIAMETER 2	Character
LOG_HDR	CS3	CASDI3	CASING DIAMETER 3	Character
LOG_HDR	CS4	CASDI4	CASING DIAMETER 4	Character
LOG_HDR	CSW1	CASWE1	CASING WEIGHT 1	Character
LOG_HDR	CSW2	CASWE2	CASING WEIGHT 2	Character
LOG_HDR	CSW3	CASWE3	CASING WEIGHT 3	Character
LOG_HDR	CSW4	CASWE4	CASING WEIGHT 4	Character
LOG_HDR	CTRY	COUNTR	COUNTRY	Character
LOG_HDR	DAT2	HDATE2	LOGGING DATE 2	Character
LOG_HDR	DAT3	HDATE3	LOGGING DATE 3	Character
LOG_HDR	DAT4	HDATE4	LOGGING DATE 4	Character
LOG_HDR	DDEG		DIRECTIONAL DEPTH	Character
LOG_HDR	DDEV		DIRECTIONAL DEVIATION	Character
LOG_HDR	DFD	DFD	DRILLING FLUID DENSITY	Character
LOG_HDR	DFD2	DFD2	DRILLING FLUID DENSITY 2	Character
LOG_HDR	DFD3	DFD3	DRILLING FLUID DENSITY 3	Character
LOG_HDR	DFD4	DFD4	DRILLING FLUID DENSITY 4	Character
LOG_HDR	DFL	DFL	DRILLING FLUID LOSS	Character
LOG_HDR	DFL2	DFL2	DRILLING FLUID LOSS 2	Character
LOG_HDR	DFL3	DFL3	DRILLING FLUID LOSS 3	Character
LOG_HDR	DFL4	DFL4	DRILLING FLUID LOSS 4	Character
LOG_HDR	DFP2	DFPH2	DRILLING FLUID PH 2	Character
LOG_HDR	DFP3	DFPH3	DRILLING FLUID PH 3	Character
LOG_HDR	DFP4	DFPH4	DRILLING FLUID PH 4	Character
LOG_HDR	DFPH	DFPH	DRILLING FLUID PH	Character
LOG_HDR	DFS	DFS	SALINITY	Character
LOG_HDR	DFT	DFT	DRILLING FLUID TYPE	Character
LOG_HDR	DFT2	DFT2	DRILLING FLUID TYPE 2	Character
LOG_HDR	DFT3	DFT3	DRILLING FLUID TYPE 3	Character
LOG_HDR	DFT4	DFT4	DRILLING FLUID TYPE 4	Character
LOG_HDR	DFV	DFV	DRILLING FLUID VISCOSITY	Character
LOG_HDR	DFV2	DFV2	DRILLING FLUID VISCOSITY 2	Character
LOG_HDR	DFV3	DFV3	DRILLING FLUID VISCOSITY 3	Character
LOG_HDR	DFV4	DFV4	DRILLING FLUID VISCOSITY 4	Character
LOG_HDR	DKOP		DIRECTIONAL KOP	Character
LOG_HDR	DMF	DMF	DRILLING MEASURED	Character
LOG_HDR	DRMK		DIRECTIONAL REMARKS	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	EAER		EQUIP. DATA-ACOUSTIC-SERIAL NO.	Character
LOG_HDR	EAOD		EQUIP. DATA-ACOUSTIC-MODEL NO.	Character
LOG_HDR	ECNT		EQUIP. DATA-ACOUSTIC-NO. OF CENT	Character
LOG_HDR	EDF	HIGHT3	ELEVATION OF DRILLING FLOOR	Character
LOG_HDR	EDIA		EQUIP. DATA-DENSITY-DIAMETER	Character
LOG_HDR	EDOD		EQUIP. DATA-DENSITY-MODEL NO.	Character
LOG_HDR	EDS1		EQUIP. DATA-GAMMA-DISTANCE TO SOURCE	Character
LOG_HDR	EDSN		EQUIP. DATA-DENSITY-SOURCE SERIAL NO.	Character
LOG_HDR	ELT		EQUIP. DATA-GAMMA-DETECTOR MODEL NO.	Character
LOG_HDR	EDTR		EQUIP. DATA-DENSITY-STRENGTH	Character
LOG_HDR	EDUN		EQUIP. DATA-DENSITY-RUN NO.	Character
LOG_HDR	EFWD		EQUIP. DATA-ACOUSTIC-FWDA	Character
LOG_HDR	EGMD		EQUIP. DATA-GAMMA-MODEL NO.	Character
LOG_HDR	EGRN		EQUIP. DATA-GAMMA-RUN NO.	Character
LOG_HDR	EGSN		EQUIP. DATA-GAMMA-SERIAL NO.	Character
LOG_HDR	EKB	HIGHT1	ELEVATION OF KELLY BUSHING	Character
LOG_HDR	ELGT		EQUIP. DATA-DENSITY-LOG TYPE	Character
LOG_HDR	ELN1		EQUIP. DATA-GAMMA-LENGTH	Character
LOG_HDR	EMIA		EQUIP. DATA-GAMMA-DIAMETER	Character
LOG_HDR	ENER		EQUIP. DATA-DENSITY-SERIAL NO.	Character
LOG_HDR	ENG2	ENGI2	ENGINEER 2 NAME	Character
LOG_HDR	ENG3	ENGI3	ENGINEER 3 NAME	Character
LOG_HDR	ENG4	ENGI4	ENGINEER 4 NAME	Character
LOG_HDR	ENGI	ENGI1	ENGINEER 1 NAME	Character
LOG_HDR	ENGT		EQUIP. DATA-NEUTRON-LOG TYPE	Character
LOG_HDR	ENIA		EQUIP. DATA-NEUTRON-DIAMETER	Character
LOG_HDR	ENOD		EQUIP. DATA-NEUTRON-MODEL NO.	Character
LOG_HDR	EPD	EPD	ELEVATATION OF PERMANENT DATUM	Character
LOG_HDR	EQLA		EQUIP. DATA-ACOUSTIC-LSA	Character
LOG_HDR	ERUN		EQUIP. DATA-ACOUSTIC-RUN NO.	Character
LOG_HDR	ESAT		EQUIP. DATA-DENSITY-SOURCE TYPE	Character
LOG_HDR	ESER		EQUIP. DATA-NEUTRON-SERIAL NO.	Character
LOG_HDR	ESPC		EQUIP. DATA-ACOUSTIC-SPACING	Character
LOG_HDR	ESRT		EQUIP. DATA-NEUTRON-SOURCE TYPE	Character
LOG_HDR	ESSN		EQUIP. DATA-NEUTRON-SOURCE SERIAL NO.	Character
LOG_HDR	ESTR		EQUIP. DATA-NEUTRON-STRENGTH	Character
LOG_HDR	ETP1		EQUIP. DATA-GAMMA-TYPE	Character
LOG_HDR	EURN		EQUIP. DATA-NEUTRON-RUN NO.	Character
LOG_HDR	FL1	LOC1	FIELD LOCATION LINE 1	Character
LOG_HDR	FN	FIELD	FIELD NAME	Character
LOG_HDR	HDAT	HDAT	DATUM	Character
LOG_HDR	HDRT		HEADER TYPE	Character
LOG_HDR	LAT	LAT	LATITUDE	Character
LOG_HDR	LCC		LOGGING COMPANY_CODE	Character
LOG_HDR	LCL1		LOGGING DATA-GAMMA-SCALE L 1	Character
LOG_HDR	LCL2		LOGGING DATA-GAMMA-SCALE L 2	Character
LOG_HDR	LCL3		LOGGING DATA-GAMMA-SCALE L 3	Character
LOG_HDR	LCL4		LOGGING DATA-GAMMA-SCALE L 4	Character
LOG_HDR	LCL5		LOGGING DATA-GAMMA-SCALE L 5	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	LCR1		LOGGING DATA-GAMMA-SCALE R 1	Character
LOG_HDR	LCR2		LOGGING DATA-GAMMA-SCALE R 2	Character
LOG_HDR	LCR3		LOGGING DATA-GAMMA-SCALE R 3	Character
LOG_HDR	LCR4		LOGGING DATA-GAMMA-SCALE R 4	Character
LOG_HDR	LCR5		LOGGING DATA-GAMMA-SCALE R 5	Character
LOG_HDR	LDAT	LDAT	LOGGING DATE	Character
LOG_HDR	LDL1		LOGGING DATA-DENSITY-SCALE L 1	Character
LOG_HDR	LDL2		LOGGING DATA-DENSITY-SCALE L 2	Character
LOG_HDR	LDL3		LOGGING DATA-DENSITY-SCALE L 3	Character
LOG_HDR	LDL4		LOGGING DATA-DENSITY-SCALE L 4	Character
LOG_HDR	LDL5		LOGGING DATA-DENSITY-SCALE L 5	Character
LOG_HDR	LDR1		LOGGING DATA-DENSITY-SCALE R 1	Character
LOG_HDR	LDR2		LOGGING DATA-DENSITY-SCALE R 2	Character
LOG_HDR	LDR3		LOGGING DATA-DENSITY-SCALE R 3	Character
LOG_HDR	LDR4		LOGGING DATA-DENSITY-SCALE R 4	Character
LOG_HDR	LDR5		LOGGING DATA-DENSITY-SCALE R 5	Character
LOG_HDR	LDX1		LOGGING DATA-DENSITY-MATRIX 1	Character
LOG_HDR	LDX2		LOGGING DATA-DENSITY-MATRIX 2	Character
LOG_HDR	LDX3		LOGGING DATA-DENSITY-MATRIX 3	Character
LOG_HDR	LDX4		LOGGING DATA-DENSITY-MATRIX 4	Character
LOG_HDR	LDX5		LOGGING DATA-DENSITY-MATRIX 5	Character
LOG_HDR	LFR1		LOGGING DATA-GENERAL-DEPTH FROM 1	Character
LOG_HDR	LFR2		LOGGING DATA-GENERAL-DEPTH FROM 2	Character
LOG_HDR	LFR3		LOGGING DATA-GENERAL-DEPTH FROM 3	Character
LOG_HDR	LFR4		LOGGING DATA-GENERAL-DEPTH FROM 4	Character
LOG_HDR	LFR5		LOGGING DATA-GENERAL-DEPTH FROM 5	Character
LOG_HDR	LGC1		LOGGING DATA-ACOUSTIC-SCALE L 1	Character
LOG_HDR	LGC2		LOGGING DATA-ACOUSTIC-SCALE L 2	Character
LOG_HDR	LGC3		LOGGING DATA-ACOUSTIC-SCALE L 3	Character
LOG_HDR	LGC4		LOGGING DATA-ACOUSTIC-SCALE L 4	Character
LOG_HDR	LGC5		LOGGING DATA-ACOUSTIC-SCALE L 5	Character
LOG_HDR	LMF	LMF	LOG MEASURED FROM	Character
LOG_HDR	LMT1		LOGGING DATA-ACOUSTIC-MATRIX 1	Character
LOG_HDR	LMT2		LOGGING DATA-ACOUSTIC-MATRIX 2	Character
LOG_HDR	LMT3		LOGGING DATA-ACOUSTIC-MATRIX 3	Character
LOG_HDR	LMT4		LOGGING DATA-ACOUSTIC-MATRIX 4	Character
LOG_HDR	LMT5		LOGGING DATA-ACOUSTIC-MATRIX 5	Character
LOG_HDR	LMX1		LOGGING DATA-NEUTRON-MATRIX 1	Character
LOG_HDR	LMX2		LOGGING DATA-NEUTRON-MATRIX 2	Character
LOG_HDR	LMX3		LOGGING DATA-NEUTRON-MATRIX 3	Character
LOG_HDR	LMX4		LOGGING DATA-NEUTRON-MATRIX 4	Character
LOG_HDR	LMX5		LOGGING DATA-NEUTRON-MATRIX 5	Character
LOG_HDR	LNAM		LNAM	Character
LOG_HDR	LONG	XLONG	LONGITUDE	Character
LOG_HDR	LRU1		LOGGING DATA-GENERAL-RUN NO. 1	Character
LOG_HDR	LRU2		LOGGING DATA-GENERAL-RUN NO. 2	Character
LOG_HDR	LRU3		LOGGING DATA-GENERAL-RUN NO. 3	Character
LOG_HDR	LRU4		LOGGING DATA-GENERAL-RUN NO. 4	Character
LOG_HDR	WIT4	WITN4	WITNESS 4 NAME	Character

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	WITN	WITN1	WITNESS 1 NAME	Character
LOG_HDR	WN	NAMWEL	WELL NAME	Character
LOG_HDR	X	X	X COORDINATE	Character
LOG_HDR	XTP		MAX. REC TEMP. @ 1 (OPEN HOLE)	Character
LOG_HDR	XTP2		MAX. REC TEMP. @ 2 (OPEN HOLE)	Character
LOG_HDR	XTP3		MAX. REC TEMP. @ 3 (OPEN HOLE)	Character
LOG_HDR	XTP4		MAX. REC TEMP. @ 4 (OPEN HOLE)	Character
LOG_HDR	Y	Y	Y COORDINATE	Character
LOG_HDR	SON		ORDER-NUMBER	String
LOG_HDR	RUN		RUN-NUMBER	String
LOG_HDR	WN		WELL-NAME	String
LOG_HDR	FN		FIELD-NAME	String
LOG_HDR	LCC		PRODUCER-CODE	String
LOG_HDR	CN		COMPANY	String
LOG_HDR	ACB		ADD. SAMPLES: RMC - BHT 1 (OH)	String
LOG_HDR	ACB2		ADD. SAMPLES: RMC - BHT 2 (OH)	String
LOG_HDR	ACT		ADD. SAMPLES: MUDCAKE TEMP. 1 (OH)	String
LOG_HDR	ACT2		ADD. SAMPLES: MUDCAKE TEMP. 2 (OH)	String
LOG_HDR	ACX		ADD. SAMPLES: RMC OTTOMHOLE TEMP 1 (OH)	String
LOG_HDR	ACX2		ADD. SAMPLES: RMC OTTOMHOLE TEMP 2 (OH)	String
LOG_HDR	ADD		ADDITIONAL SAMPLES: DEPTH-DRILLER 1 (OH)	String
LOG_HDR	ADD2		ADDITIONAL SAMPLES: DEPTH-DRILLER 2 (OH)	String
LOG_HDR	ADE		ADDITIONAL SAMPLES: DENSITY 1 (OH)	String
LOG_HDR	ADE2		ADDITIONAL SAMPLES: DENSITY 2 (OH)	String
LOG_HDR	ADFT		ADDI. SAMPLES: FLUID TYPE IN HOLE 1 (OH)	String
LOG_HDR	ADT		ADDITIONAL SAMPLES: DATE 1 (OPEN HOLE)	String
LOG_HDR	ADT2		ADDITIONAL SAMPLES: DATE 2 (OPEN HOLE)	String
LOG_HDR	AFB		ADD. SAMPLES: RMF - BHT 1 (OH)	String
LOG_HDR	AFB2		ADD. SAMPLES: RMF - BHT 2 (OH)	String
LOG_HDR	AFL		ADDITIONAL SAMPLES: FLUID LOSS 1 (OH)	String
LOG_HDR	AFL2		ADDITIONAL SAMPLES: FLUID LOSS 2 (OH)	String
LOG_HDR	AFT		ADD. SAMPLES: MUD FILTRATE TEMP. 1 (OH)	String
LOG_HDR	AFT2		ADD. SAMPLES: MUD FILTRATE TEMP. 2 (OH)	String
LOG_HDR	AFX		ADD. SAMPLES: RMF BOTTOMHOLE TEMP 1 (OH)	String
LOG_HDR	AFX2		ADD. SAMPLES: RMF BOTTOMHOLE TEMP 2 (OH)	String
LOG_HDR	AMS2		ADD. SAMPLES: MUD SAMPLE TEMP 2 (OH)	String
LOG_HDR	AMST		ADD. SAMPLES: MUD SAMPLE TEMP 1 (OH)	String
LOG_HDR	APD		ABOVE PERMANENT DATUM	String
LOG_HDR	APH		ADDITIONAL SAMPLES: PH 1 (OH)	String
LOG_HDR	APH2		ADDITIONAL SAMPLES: PH 2 (OH)	String
LOG_HDR	ARB		ADD. SAMPLES: RES. OF MUD - BHT 1 (OH)	String
LOG_HDR	ARB2		ADD. SAMPLES: RES. OF MUD - BHT 2 (OH)	String
LOG_HDR	ARC		ADD. SAMPLES: RES. OF MUDCAKE 1 (OH)	String
LOG_HDR	ARC2		ADD. SAMPLES: RES. OF MUDCAKE 2 (OH)	String
LOG_HDR	ARF		ADD. SAMPLES: RES. MUD FILTRATE 1 (OH)	String
LOG_HDR	ARF2		ADD. SAMPLES: RES. MUD FILTRATE 2 (OH)	String
LOG_HDR	AR,		ADD. SAMPLES: RES. OF MUD SAMPLE 1 (OH)	String
LOG_HDR	ARM2		ADD. SAMPLES: RES. OF MUD SAMPLE 2 (OH)	String
LOG_HDR	ARX		ADD. SAMPLES: RM BOTTOMHOLE TEMP 1 (OH)	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	ARX2		ADD. SAMPLES: RM BOTTOMHOLE TEMP 2 (OH)	String
LOG_HDR	ASC		ADD. SAMPLES: SOURCE RMC 1 (OH)	String
LOG_HDR	ASC2		ADD. SAMPLES: SOURCE RMC 2 (OH)	String
LOG_HDR	ASF		ADD. SAMPLES: SOURCE RMF 1 (OH)	String
LOG_HDR	ASF2		ADD. SAMPLES: SOURCE RMF 2 (OH)	String
LOG_HDR	ASN		ADDITIONAL SAMPLES: SAMPLE NO. 1 (OH)	String
LOG_HDR	ASN2		ADDITIONAL SAMPLES: SAMPLE NO. 2 (OH)	String
LOG_HDR	ASS		ADD. SAMPLES: SOURCE OF SAMPLE 1 (OH)	String
LOG_HDR	ASS2		ADD. SAMPLES: SOURCE OF SAMPLE 2 (OH)	String
LOG_HDR	AST2		ADD. SAMPLES: MUD FILTRATE TEMP. 2 (OH)	String
LOG_HDR	AV		ADDITIONAL SAMPLES: VISCOSITY 1 (OH)	String
LOG_HDR	AV2		ADDITIONAL SAMPLES: VISCOSITY 2 (OH)	String
LOG_HDR	EGL	EGL	ELEVATION OF GROUND LEVEL	String
LOG_HDR	BARI		BARITE CORRECTION	String
LOG_HDR	BASI		BASIN	String
LOG_HDR	BHT		BOTTOMHOLE TEMPERATURE	String
LOG_HDR	BHT2		BOTTOMHOLE TEMPERATURE 2	String
LOG_HDR	BHT3		BOTTOMHOLE TEMPERATURE 3	String
LOG_HDR	BHT4		BOTTOMHOLE TEMPERATURE 4	String
LOG_HDR	BLI		BOTTOM LOGGED INTERVAL	String
LOG_HDR	BLI2		BOTTOM LOGGED INTERVAL 2	String
LOG_HDR	BLI3		BOTTOM LOGGED INTERVAL 3	String
LOG_HDR	BLI4		BOTTOM LOGGED INTERVAL 4	String
LOG_HDR	BS1		BIT SIZE 1	String
LOG_HDR	BS2		BIT SIZE 2	String
LOG_HDR	BS3		BIT SIZE 3	String
LOG_HDR	BS4		BIT SIZE 4	String
LOG_HDR	CBD1		CASING BOTTOM DRILLER 1	String
LOG_HDR	CBD2		CASING BOTTOM DRILLER 2	String
LOG_HDR	CBD3		CASING BOTTOM DRILLER 3	String
LOG_HDR	CBD4		CASING BOTTOM DRILLER 4	String
LOG_HDR	CBL1		CASING BOTTOM LOGGER 1	String
LOG_HDR	CBL2		CASING BOTTOM LOGGER 2	String
LOG_HDR	CBL3		CASING BOTTOM LOGGER 3	String
LOG_HDR	CBL4		CASING BOTTOM LOGGER 4	String
LOG_HDR	CN		COMPANY NAME	String
LOG_HDR	COUN		COUNTY	String
LOG_HDR	CS1		CASING DIAMETER 1	String
LOG_HDR	CS2		CASING DIAMETER 2	String
LOG_HDR	CS3		CASING DIAMETER 3	String
LOG_HDR	CS4		CASING DIAMETER 4	String
LOG_HDR	CSW1		CASING WEIGHT 1	String
LOG_HDR	CSW2		CASING WEIGHT 2	String
LOG_HDR	CSW3		CASING WEIGHT 3	String
LOG_HDR	CSW4		CASING WEIGHT 4	String
LOG_HDR	CTRY		COUNTRY	String
LOG_HDR	DAT2		LOGGING DATE 2	String
LOG_HDR	DAT3		LOGGING DATE 3	String
LOG_HDR	DAT4		LOGGING DATE 4	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	DDEG		DIRECTIONAL DEPTH	String
LOG_HDR	DDEV		DIRECTIONAL DEVIATION	String
LOG_HDR	DFD		DRILLING FLUID DENSITY	String
LOG_HDR	DFD2		DRILLING FLUID DENSITY 2	String
LOG_HDR	DFD3		DRILLING FLUID DENSITY 3	String
LOG_HDR	DFD4		DRILLING FLUID DENSITY 4	String
LOG_HDR	DFL		DRILLING FLUID LOSS	String
LOG_HDR	DFL2		DRILLING FLUID LOSS 2	String
LOG_HDR	DFL3		DRILLING FLUID LOSS 3	String
LOG_HDR	DFL4		DRILLING FLUID LOSS 4	String
LOG_HDR	DFP2		DRILLING FLUID PH 2	String
LOG_HDR	DPF3		DRILLING FLUID PH 3	String
LOG_HDR	DFP4		DRILLING FLUID PH 4	String
LOG_HDR	DFPH		DRILLING FLUID PH	String
LOG_HDR	DFS		SALINITY	String
LOG_HDR	DFT		DRILLING FLUID TYPE	String
LOG_HDR	DFT2		DRILLING FLUID TYPE 2	String
LOG_HDR	DFT3		DRILLING FLUID TYPE 3	String
LOG_HDR	DFT4		DRILLING FLUID TYPE 4	String
LOG_HDR	DFV		DRILLING FLUID VISCOSITY	String
LOG_HDR	DFV2		DRILLING FLUID VISCOSITY 2	String
LOG_HDR	DFV3		DRILLING FLUID VISCOSITY 3	String
LOG_HDR	DFV4		DRILLING FLUID VISCOSITY 4	String
LOG_HDR	DKOP		DIRECTIONAL KOP	String
LOG_HDR	DMF		DRILLING MEASURED FROM	String
LOG_HDR	DRMK		DIRECTIONAL REMARKS	String
LOG_HDR	EAER		EQUIP. DATA-ACOUSTIC-SERIAL NO.	String
LOG_HDR	EAOD		EQUIP. DATA-ACOUSTIC-MODEL NO.	String
LOG_HDR	ECNT		EQUIP. DATA-ACOUSTIC-NO. OF CENT	String
LOG_HDR	EDF		ELEVATION OF DRILLING FLOOR	String
LOG_HDR	EDIA		EQUIP. DATA-DENSITY-DIAMETER	String
LOG_HDR	EDOD		EQUIP. DATA-DENSITY-MODEL NO.	String
LOG_HDR	EDSI		EQUIP. DATA-GAMMA-DISTANCE TO SOURCE	String
LOG_HDR	EDSN		EQUIP. DATA-DENSITY-SOURCE SERIAL NO.	String
LOG_HDR	EDT		EQUIP. DATA-GAMMA-DETECTOR MODEL NO.	String
LOG_HDR	EDTR		EQUIP. DATA-DENSITY-STRENGTH	String
LOG_HDR	EDUN		EQUIP. DATA-DENSITY-RUN NO.	String
LOG_HDR	EFWD		EQUIP. DATA-ACOUSTIC-FWDA	String
LOG_HDR	EGMD		EQUIP. DATA-GAMMA-MODEL NO.	String
LOG_HDR	EGRN		EQUIP. DATA-GAMMA-RUN NO.	String
LOG_HDR	EGSN		EQUIP. DATA-GAMMA-SERIAL NO.	String
LOG_HDR	EKB		ELEVATION OF KELLY BUSHING	String
LOG_HDR	ELGT		EQUIP. DATA-DENSITY-LOG TYPE	String
LOG_HDR	ELN1		EQUIP. DATA-GAMMA-LENGTH	String
LOG_HDR	EMIA		EQUIP. DATA-GAMMA-DIAMETER	String
LOG_HDR	ENER		EQUIP. DATA-DENSITY-SERIAL NO.	String
LOG_HDR	ENG2		ENGINEER 2 NAME	String
LOG_HDR	ENG3		ENGINEER 3 NAME	String
LOG_HDR	RNG4		ENGINEER 4 NAME	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	ENGI		ENGINEER 1 NAME	String
LOG_HDR	ENGT		EQUIP. DATA-NEUTRON-LOG TYPE	String
LOG_HDR	ENIA		EQUIP. DATA-NEUTRON-DIAMETER	String
LOG_HDR	ENOD		EQUIP. DATA-NEUTRON-MODEL NO.	String
LOG_HDR	EPD		ELEVATATION OF PERMANENT DATUM	String
LOG_HDR	EQLA		EQUIP. DATA-ACOUSTIC-LSA	String
LOG_HDR	ERUN		EQUIP. DATA-ACOUSTIC-RUN NO.	String
LOG_HDR	ESAT		EQUIP. DATA-DENSITY-SOURCE TYPE	String
LOG_HDR	ESER		EQUIP. DATA-NEUTRON-SERIAL NO.	String
LOG_HDR	ESPC		EQUIP. DATA-ACOUSTIC-SPACING	String
LOG_HDR	ESRT		EQUIP. DATA-NEUTRON-SOURCE TYPE	String
LOG_HDR	ESSN		EQUIP. DATA-NEUTRON-SOURCE SERIAL NO.	String
LOG_HDR	ESTR		EQUIP. DATA-NEUTRON-STRENGTH	String
LOG_HDR	ETP1		EQUIP. DATA-GAMMA-TYPE	String
LOG_HDR	EURN		EQUIP. DATA-NEUTRON-RUN NO.	String
LOG_HDR	FL1		FIELD LOCATION LINE 1	String
LOG_HDR	FN		FIELD NAME	String
LOG_HDR	HDAT		DATUM	String
LOG_HDR	HDRT		HEADER TYPE	String
LOG_HDR	LAT		LATITUDE	String
LOG_HDR	LCC		LOGGING COMPANY_CODE	String
LOG_HDR	LCL1		LOGGING DATA-GAMMA-SCALE L 1	String
LOG_HDR	LCL2		LOGGING DATA-GAMMA-SCALE L 2	String
LOG_HDR	LCL3		LOGGING DATA-GAMMA-SCALE L 3	String
LOG_HDR	LCL4		LOGGING DATA-GAMMA-SCALE L 4	String
LOG_HDR	LCL5		LOGGING DATA-GAMMA-SCALE L 5	String
LOG_HDR	LCR1		LOGGING DATA-GAMMA-SCALE R 1	String
LOG_HDR	LCR2		LOGGING DATA-GAMMA-SCALE R 2	String
LOG_HDR	LCR3		LOGGING DATA-GAMMA-SCALE R 3	String
LOG_HDR	LCR4		LOGGING DATA-GAMMA-SCALE R 4	String
LOG_HDR	LCR5		LOGGING DATA-GAMMA-SCALE R 5	String
LOG_HDR	LDAT	LDAT	LOGGING DATE	String
LOG_HDR	LDL1		LOGGING DATA-DENSITY-SCALE L 1	String
LOG_HDR	LDL2		LOGGING DATA-DENSITY-SCALE L 2	String
LOG_HDR	LDL3		LOGGING DATA-DENSITY-SCALE L 3	String
LOG_HDR	LDL4		LOGGING DATA-DENSITY-SCALE L 4	String
LOG_HDR	LDL5		LOGGING DATA-DENSITY-SCALE L 5	String
LOG_HDR	LDR1		LOGGING DATA-DENSITY-SCALE R 1	String
LOG_HDR	LDR2		LOGGING DATA-DENSITY-SCALE R 2	String
LOG_HDR	LDR3		LOGGING DATA-DENSITY-SCALE R 3	String
LOG_HDR	LDR4		LOGGING DATA-DENSITY-SCALE R 4	String
LOG_HDR	LDR5		LOGGING DATA-DENSITY-SCALE R 5	String
LOG_HDR	LDX1		LOGGING DATA-DENSITY-MATRIX 1	String
LOG_HDR	LDX2		LOGGING DATA-DENSITY-MATRIX 2	String
LOG_HDR	LDX3		LOGGING DATA-DENSITY-MATRIX 3	String
LOG_HDR	LDX4		LOGGING DATA-DENSITY-MATRIX 4	String
LOG_HDR	LDX5		LOGGING DATA-DENSITY-MATRIX 5	String
LOG_HDR	LFR1		LOGGING DATA-GENERAL-DEPTH FROM 1	String
LOG_HDR	LFR2		LOGGING DATA-GENERAL-DEPTH FROM 2	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	LFR3		LOGGING DATA-GENERAL-DEPTH FROM 3	String
LOG_HDR	LFR4		LOGGING DATA-GENERAL-DEPTH FROM 4	String
LOG_HDR	LFR5		LOGGING DATA-GENERAL-DEPTH FROM 5	String
LOG_HDR	LGC1		LOGGING DATA-ACOUSTIC-SCALE L 1	String
LOG_HDR	LGC2		LOGGING DATA-ACOUSTIC-SCALE L 2	String
LOG_HDR	LGC3		LOGGING DATA-ACOUSTIC-SCALE L 3	String
LOG_HDR	LGC4		LOGGING DATA-ACOUSTIC-SCALE L 4	String
LOG_HDR	LGC5		LOGGING DATA-ACOUSTIC-SCALE L 5	String
LOG_HDR	LMF	LMF	LOG MEASURED FROM	String
LOG_HDR	LMT1		LOGGING DATA-ACOUSTIC-MATRIX 1	String
LOG_HDR	LMT2		LOGGING DATA-ACOUSTIC-MATRIX 2	String
LOG_HDR	LMT3		LOGGING DATA-ACOUSTIC-MATRIX 3	String
LOG_HDR	LMT4		LOGGING DATA-ACOUSTIC-MATRIX 4	String
LOG_HDR	LMT5		LOGGING DATA-ACOUSTIC-MATRIX 5	String
LOG_HDR	LMX1		LOGGING DATA-NEUTRON-MATRIX 1	String
LOG_HDR	LMX2		LOGGING DATA-NEUTRON-MATRIX 2	String
LOG_HDR	LMX3		LOGGING DATA-NEUTRON-MATRIX 3	String
LOG_HDR	LMX4		LOGGING DATA-NEUTRON-MATRIX 4	String
LOG_HDR	LMX5		LOGGING DATA-NEUTRON-MATRIX 5	String
LOG_HDR	LNAM		LNAM	String
LOG_HDR	LONG	XLONG	LONGITUDE	String
LOG_HDR	LRU1		LOGGING DATA-GENERAL-RUN NO. 1	String
LOG_HDR	LRU2		LOGGING DATA-GENERAL-RUN NO. 2	String
LOG_HDR	LRU3		LOGGING DATA-GENERAL-RUN NO. 3	String
LOG_HDR	LRU4		LOGGING DATA-GENERAL-RUN NO. 4	String
LOG_HDR	LRU5		LOGGING DATA-GENERAL-RUN NO. 5	String
LOG_HDR	LSC1		LOGGING DATA-ACOUSTIC-SCALE R 1	String
LOG_HDR	LSC2		LOGGING DATA-ACOUSTIC-SCALE R 2	String
LOG_HDR	LSC3		LOGGING DATA-ACOUSTIC-SCALE R 3	String
LOG_HDR	LSC4		LOGGING DATA-ACOUSTIC-SCALE R 4	String
LOG_HDR	LSC5		LOGGING DATA-ACOUSTIC-SCALE R 5	String
LOG_HDR	LSL1		LOGGING DATA-NEUTRON-SCALE L 1	String
LOG_HDR	LSL2		LOGGING DATA-NEUTRON-SCALE L 2	String
LOG_HDR	LSL3		LOGGING DATA-NEUTRON-SCALE L 3	String
LOG_HDR	LSL4		LOGGING DATA-NEUTRON-SCALE L 4	String
LOG_HDR	LSL5		LOGGING DATA-NEUTRON-SCALE L 5	String
LOG_HDR	LSP1		LOGGING DATA-GENERAL-SPEED 1	String
LOG_HDR	LSP2		LOGGING DATA-GENERAL-SPEED 2	String
LOG_HDR	LSP3		LOGGING DATA-GENERAL-SPEED 3	String
LOG_HDR	LSP4		LOGGING DATA-GENERAL-SPEED 4	String
LOG_HDR	LSP5		LOGGING DATA-GENERAL-SPEED 5	String
LOG_HDR	LSR1		LOGGING DATA-NEUTRON-SCALE R 1	String
LOG_HDR	LSR2		LOGGING DATA-NEUTRON-SCALE R 2	String
LOG_HDR	LSR3		LOGGING DATA-NEUTRON-SCALE R 3	String
LOG_HDR	LSR4		LOGGING DATA-NEUTRON-SCALE R 4	String
LOG_HDR	LSR5		LOGGING DATA-NEUTRON-SCALE R 5	String
LOG_HDR	LSRV	LSRV	NAME OF SERVICE	String
LOG_HDR	LTO1		LOGGING DATA-GENERAL-DEPTH TO 1	String
LOG_HDR	LTO2		LOGGING DATA-GENERAL-DEPTH TO 2	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	LTO3		LOGGING DATA-GENERAL-DEPTH TO 3	String
LOG_HDR	LTO4		LOGGING DATA-GENERAL-DEPTH TO 4	String
LOG_HDR	LTO5		LOGGING DATA-GENERAL-DEPTH TO 5	String
LOG_HDR	LTYP	LTYP	LOG TYPE	String
LOG_HDR	LUL	LUL1	LOGGING UNIT LOCATION	String
LOG_HDR	LUL2	LUL2	LOGGING UNIT LOCATION 2	String
LOG_HDR	LUL3	LUL3	LOGGING UNIT LOCATION 3	String
LOG_HDR	LUL4	LUL4	LOGGING UNIT LOCATION 4	String
LOG_HDR	LUN	LUN1	LOGGING UNIT NUMBER	String
LOG_HDR	LUN2	LUN2	LOGGING UNIT NUMBER 2	String
LOG_HDR	LUN3	LUN3	LOGGING UNIT NUMBER 3	String
LOG_HDR	LUN4	LUN4	LOGGING UNIT NUMBER 4	String
LOG_HDR	MCS2	MCS2	MUD CAKE SAMPLE SOURCE 2	String
LOG_HDR	MCS3	MCS3	MUD CAKE SAMPLE SOURCE 3	String
LOG_HDR	MCS4	MCS4	MUD CAKE SAMPLE SOURCE 4	String
LOG_HDR	MCSS	MCSS	MUD CAKE SAMPLE SOURCE	String
LOG_HDR	MCST	TMC1	MUDCAKE SAMPLE TEMPERATURE	String
LOG_HDR	MCT2	TMC2	MUDCAKE SAMPLE TEMPERATURE 2	String
LOG_HDR	MCT3	TMC3	MUDCAKE SAMPLE TEMPERATURE 3	String
LOG_HDR	MCT4	TMC4	MUDCAKE SAMPLE TEMPERATURE 4	String
LOG_HDR	MFS2	MFSS2	MUD FILTRATE SAMPLE SOURCE 2	String
LOG_HDR	MFS3	MFSS3	MUD FILTRATE SAMPLE SOURCE 3	String
LOG_HDR	MFS4	MFSS4	MUD FILTRATE SAMPLE SOURCE 4	String
LOG_HDR	MFSS	MFSS	MUD FILTRATE SAMPLE SOURCE	String
LOG_HDR	MFST	TMF1	MUD FILTRATE SAMPLE TEMPERATURE	String
LOG_HDR	MFT2	TMF2	MUD FILTRATE SAMPLE TEMPERATURE 2	String
LOG_HDR	MFT3	TMF3	MUD FILTRATE SAMPLE TEMPERATURE 3	String
LOG_HDR	MFT4	TMF4	MUD FILTRATE SAMPLE TEMPERATURE 4	String
LOG_HDR	MRT	MRT	MAXIMUM RECORDED TEMPERATURE	String
LOG_HDR	MRT2	MRT2	MAXIMUM RECORDED TEMPERATURE 2	String
LOG_HDR	MRT3	MRT3	MAXIMUM RECORDED TEMPERATURE 3	String
LOG_HDR	MRT4	MRT4	MAXIMUM RECORDED TEMPERATURE 4	String
LOG_HDR	MSS	MSS	SOURCE OF MUD SAMPLE	String
LOG_HDR	MSS2	MSS2	SOURCE OF MUD SAMPLE 2	String
LOG_HDR	MSS3	MSS3	SOURCE OF MUD SAMPLE 3	String
LOG_HDR	MSS4	MSS4	SOURCE OF MUD SAMPLE 4	String
LOG_HDR	MST	TM1	MUD SAMPLE TEMPERATURE	String
LOG_HDR	MST2	TM2	MUD SAMPLE TEMPERATURE 2	String
LOG_HDR	MST3	TM3	MUD SAMPLE TEMPERATURE 3	String
LOG_HDR	MST4	TM4	MUD SAMPLE TEMPERATURE 4	String
LOG_HDR	MST	TM1	MUD SAMPLE TEMPERATURE	Character
LOG_HDR	MST2	TM2	MUD SAMPLE TEMPERATURE 2	Character
LOG_HDR	MST3	TM3	MUD SAMPLE TEMPERATURE 3	Character
LOG_HDR	MST4	TM4	MUD SAMPLE TEMPERATURE 4	Character
LOG_HDR	OS1	OS1	OTHER SERVICES LINE 1	String
LOG_HDR	OS2	OS2	OTHER SERVICES LINE 2	String
LOG_HDR	OS3	OS3	OTHER SERVICES LINE 3	String
LOG_HDR	OS4	OS4	OTHER SERVICES LINE 4	String
LOG_HDR	OS5		OTHER SERVICES LINE 5	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	OS6		OTHER SERVICES LINE 6	String
LOG_HDR	OTH1		RES. EQUIP DATA: OTHER 1 (OH)	String
LOG_HDR	OTH2		RES. EQUIP DATA: OTHER 2 (OH)	String
LOG_HDR	OTH3		RES. EQUIP DATA: OTHER 3 (OH)	String
LOG_HDR	OTH4		RES. EQUIP DATA: OTHER 4 (OH)	String
LOG_HDR	OTH5		RES. EQUIP DATA: OTHER 5 (OH)	String
LOG_HDR	OTH6		RES. EQUIP DATA: OTHER 6 (OH)	String
LOG_HDR	PDAT	PDAT	PERMANENT DATUM	String
LOG_HDR	PGMV		PROGRAM VERSION	String
LOG_HDR	PT1		RES. EQUIP DATA: PAD TYPE 1 (OH)	String
LOG_HDR	PT2		RES. EQUIP DATA: PAD TYPE 2 (OH)	String
LOG_HDR	PT3		RES. EQUIP DATA: PAD TYPE 3 (OH)	String
LOG_HDR	PT4		RES. EQUIP DATA: PAD TYPE 4 (OH)	String
LOG_HDR	PT5		RES. EQUIP DATA: PAD TYPE 5 (OH)	String
LOG_HDR	PT6		RES. EQUIP DATA: PAD TYPE 6 (OH)	String
LOG_HDR	R9		REMARKS LINE 9	Character
LOG_HDR	R1	RMK1	REMARKS LINE 1	String
LOG_HDR	R10		REMARKS LINE 10	String
LOG_HDR	R11		REMARKS LINE 11	String
LOG_HDR	R12		REMARKS LINE 12	String
LOG_HDR	R2	RMK2	REMARKS LINE 2	String
LOG_HDR	R3	RMK3	REMARKS LINE 3	String
LOG_HDR	R4	RMK4	REMARKS LINE 4	String
LOG_HDR	R5		REMARKS LINE 5	String
LOG_HDR	R6		REMARKS LINE 6	String
LOG_HDR	R7		REMARKS LINE 7	String
LOG_HDR	R8		REMARKS LINE 8	String
LOG_HDR	R9		REMARKS LINE 9	String
LOG_HDR	RIG		DRILLING RIG	String
LOG_HDR	RMB	RMBH1	RESISTIVITY OF MUD - BHT	String
LOG_HDR	RMB2	RMBH2	RESISTIVITY OF MUD - BHT 2	String
LOG_HDR	RMB3	RMBH3	RESISTIVITY OF MUD - BHT 3	String
LOG_HDR	RMB4	RMBH4	RESISTIVITY OF MUD - BHT 4	String
LOG_HDR	RMC2	RMC2	RESISTIVITY OF MUD CAKE SAMPLE 2	String
LOG_HDR	RMC3	RMC3	RESISTIVITY OF MUD CAKE SAMPLE 3	String
LOG_HDR	RMC4	RMC4	RESISTIVITY OF MUD CAKE SAMPLE 4	String
LOG_HDR	RMCS	RMCS	RESISTIVITY OF MUD CAKE SAMPLE	String
LOG_HDR	RMF2	RMF2	RESISTIVITY OF MUD FILTRATE SAMPLE 2	String
LOG_HDR	RMF3	RMF3	RESISTIVITY OF MUD FILTRATE SAMPLE 3	String
LOG_HDR	RMF4	RMF4	RESISTIVITY OF MUD FILTRATE SAMPLE 4	String
LOG_HDR	RMFS	RMF1	RESISTIVITY OF MUD FILTRATE SAMPLE	String
LOG_HDR	RMS	RM1	RESISTIVITY OF MUD SAMPLE	String
LOG_HDR	RMS2	RM2	RESISTIVITY OF MUD SAMPLE 2	String
LOG_HDR	RMS3	RM3	RESISTIVITY OF MUD SAMPLE 3	String
LOG_HDR	RMS4	RM4	RESISTIVITY OF MUD SAMPLE 4	String
LOG_HDR	RRN1		RES. EQUIP DATA: RUN NO 1 (OH)	String
LOG_HDR	RRN2		RES. EQUIP DATA: RUN NO 2 (OH)	String
LOG_HDR	RRN3		RES. EQUIP DATA: RUN NO 3 (OH)	String
LOG_HDR	RRN4		RES. EQUIP DATA: RUN NO 4 (OH)	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	RRN5		RES. EQUIP DATA: RUN NO 5 (OH)	String
LOG_HDR	RRN6		RES. EQUIP DATA: RUN NO 6 (OH)	String
LOG_HDR	RUN		RUN NUMBER	String
LOG_HDR	RUN2		RUN NUMBER 2	String
LOG_HDR	RUN3		RUN NUMBER 3	String
LOG_HDR	RUN4		RUN NUMBER 4	String
LOG_HDR	SDC1		RES. SCALE CHANGES: DEPTH 1 (OH)	String
LOG_HDR	SDC2		RES. SCALE CHANGES: DEPTH 2 (OH)	String
LOG_HDR	SDC3		RES. SCALE CHANGES: DEPTH 3 (OH)	String
LOG_HDR	SDC4		RES. SCALE CHANGES: DEPTH 4 (OH)	String
LOG_HDR	SDC5		RES. SCALE CHANGES: DEPTH 5 (OH)	String
LOG_HDR	SCT1		RES. SCALE CHANGES: TYPE LOG 1 (OH)	String
LOG_HDR	SCT2		RES. SCALE CHANGES: TYPE LOG 2 (OH)	String
LOG_HDR	SCT3		RES. SCALE CHANGES: TYPE LOG 3 (OH)	String
LOG_HDR	SCT4		RES. SCALE CHANGES: TYPE LOG 4 (OH)	String
LOG_HDR	SCT5		RES. SCALE CHANGES: TYPE LOG 5 (OH)	String
LOG_HDR	SDAT	DATLOG	DATE SECTION STARTED	String
LOG_HDR	SDH1		RES. SCALE CHANGES: SCALE DOWN HOLE 1	String
LOG_HDR	SDH2		RES. SCALE CHANGES: SCALE DOWN HOLE 2	String
LOG_HDR	SDH3		RES. SCALE CHANGES: SCALE DOWN HOLE 3	String
LOG_HDR	SDH4		RES. SCALE CHANGES: SCALE DOWN HOLE 4	String
LOG_HDR	SDH5		RES. SCALE CHANGES: SCALE DOWN HOLE 5	String
LOG_HDR	SON	SON1	SERVICE/TICKET ORDER NUMBER	String
LOG_HDR	STAT	STATE	STATE	String
LOG_HDR	STEM	STEM	SURFACE TEMP	String
LOG_HDR	STIM	TIMLOG	TIME SECTION STARTED	String
LOG_HDR	SUH1		RES. SCALE CHANGES: SCALE UP HOLE 1 (OH)	String
LOG_HDR	SUH2		RES. SCALE CHANGES: SCALE UP HOLE 2 (OH)	String
LOG_HDR	SUH3		RES. SCALE CHANGES: SCALE UP HOLE 3 (OH)	String
LOG_HDR	SUH4		RES. SCALE CHANGES: SCALE UP HOLE 4 (OH)	String
LOG_HDR	SUH5		RES. SCALE CHANGES: SCALE UP HOLE 5 (OH)	String
LOG_HDR	TCS	TCS	TIME CIRCULATION STOPPED	String
LOG_HDR	TCS2	TCS2	TIME CIRCULATION STOPPED 2	String
LOG_HDR	TCS3	TCS3	TIME CIRCULATION STOPPED 3	String
LOG_HDR	TCS4	TCS4	TIME CIRCULATION STOPPED 4	String
LOG_HDR	TDD1	TDD1	DRILLERS DEPTH 1	String
LOG_HDR	TDD2	TDD2	DRILLERS DEPTH 2	String
LOG_HDR	TDD3	TDD3	DRILLERS DEPTH 3	String
LOG_HDR	TDD4	TDD4	DRILLERS DEPTH 4	String
LOG_HDR	TDL	TDL	LOGGERS DEPTH	String
LOG_HDR	TDL2	TDL2	LOGGERS DEPTH 2	String
LOG_HDR	TDL3	TDL3	LOGGERS DEPTH 3	String
LOG_HDR	TDL4	TDL4	LOGGERS DEPTH 4	String
LOG_HDR	TLA2	TLAB2	TIME LOGGING ON BOTTOM 2	String
LOG_HDR	TLA3	TLAB3	TIME LOGGING ON BOTTOM 3	String
LOG_HDR	TLA4	TLAB4	TIME LOGGING ON BOTTOM 4	String
LOG_HDR	TLAB	TLAB	TIME LOGGING ON BOTTOM	String
LOG_HDR	TLI	TLI	TOP LOGGED INTERVAL	String
LOG_HDR	TLI2	TLI2	TOP LOGGED INTERVAL 2	String

Tool	LIS Mnem	Mnem	Description	Data_Location
LOG_HDR	TLI3	TLI3	TOP LOGGED INTERVAL 3	String
LOG_HDR	TLI4	TL4	TOP LOGGED INTERVAL 4	String
LOG_HDR	TN1		RES. EQUIP DATA: TOOL TYPE & NO. 1 (OH)	String
LOG_HDR	TN2		RES. EQUIP DATA: TOOL TYPE & NO. 2 (OH)	String
LOG_HDR	TN3		RES. EQUIP DATA: TOOL TYPE & NO. 3 (OH)	String
LOG_HDR	TN4		RES. EQUIP DATA: TOOL TYPE & NO. 4 (OH)	String
LOG_HDR	TN5		RES. EQUIP DATA: TOOL TYPE & NO. 5 (OH)	String
LOG_HDR	TN6		RES. EQUIP DATA: TOOL TYPE & NO. 6 (OH)	String
LOG_HDR	TOOL	TOOL	TOOL STRING	String
LOG_HDR	TPS1		RES. EQUIP DATA: TOOL POS. 1 (OH)	String
LOG_HDR	TPS2		RES. EQUIP DATA: TOOL POS. 2 (OH)	String
LOG_HDR	TPS3		RES. EQUIP DATA: TOOL POS. 3 (OH)	String
LOG_HDR	TPS4		RES. EQUIP DATA: TOOL POS. 4 (OH)	String
LOG_HDR	TPS5		RES. EQUIP DATA: TOOL POS. 5 (OH)	String
LOG_HDR	TPS6		RES. EQUIP DATA: TOOL POS. 6 (OH)	String
LOG_HDR	TTL1		HEADER TITLE LINE 1	String
LOG_HDR	TTL4		HEADER TITLE LINE 4	String
LOG_HDR	WIT2	WITN2	WITNESS 2 NAME	String
LOG_HDR	WIT3	WITN3	WITNESS 3 NAME	String
LOG_HDR	WIT4	WITN4	WITNESS 4 NAME	String
LOG_HDR	WITN	WITN1	WITNESS 1 NAME	String
LOG_HDR	WN	NAMWEL	WELL NAME	String
LOG_HDR	X	X	X COORDINATE	String
LOG_HDR	XTP		MAX. REC TEMP. @ 1 (OPEN HOLE)	String
LOG_HDR	XTP2		MAX. REC TEMP. @ 2 (OPEN HOLE)	String
LOG_HDR	XTP3		MAX. REC TEMP. @ 3 (OPEN HOLE)	String
LOG_HDR	XTP4		MAX. REC TEMP. @ 4 (OPEN HOLE)	String
LOG_HDR	Y	Y	Y COORDINATE	String
LOG_HDR	BS	BITDI	BIT SIZE	Character
LOG_HDR	CS	CASDI	CASING DIAMETER	Character
LOG_HDR	CBD	DEDRI	CASING BOTTOM DRILLER	Character
LOG_HDR	CBL	DELOG	CASING BOTTOM LOGGER	Character
LOG_HDR	CSW	CASWE	CASING WEIGHT	Character
LOG_HDR	TDD	TDD	DRILLERS DEPTH	Character