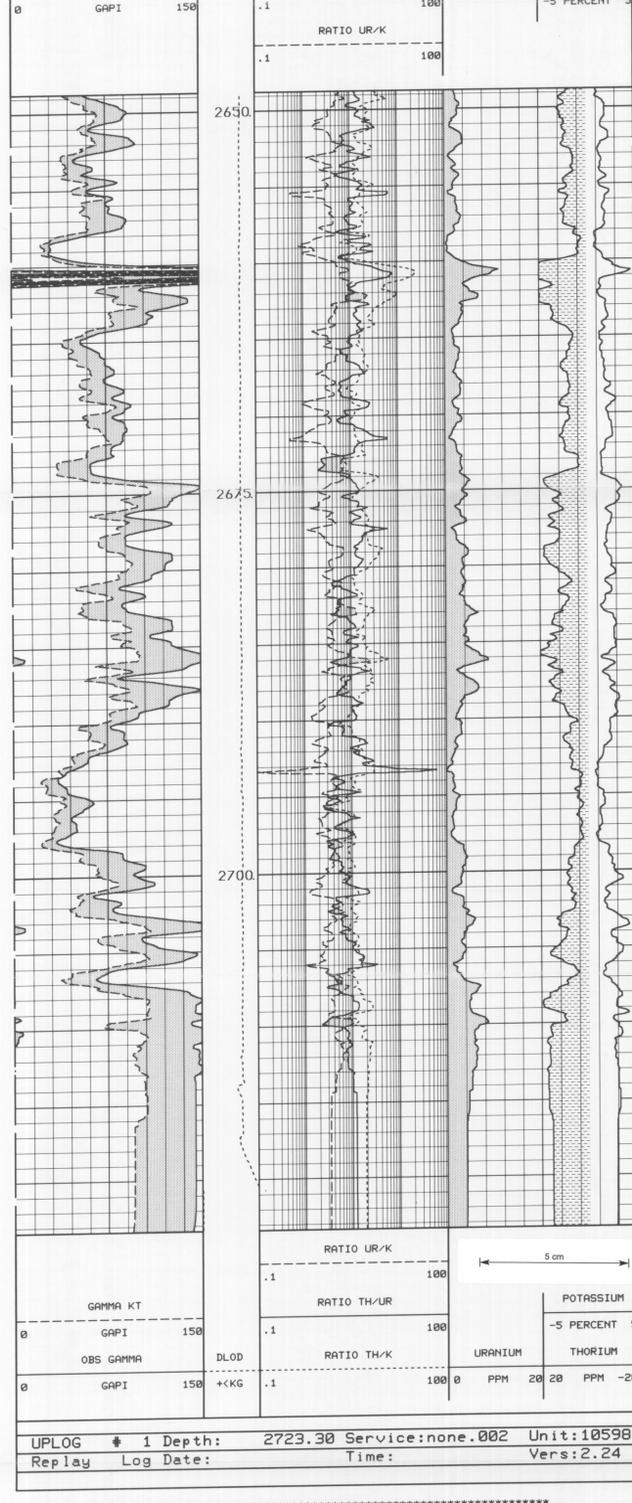


GAMMA KT		RATIO UR/K		POTASSIUM	
0	GAPI 150	.1	100	0	-5 PERCENT 5
OBS GAMMA		RATIO TH/UR		URANIUM	
0	GAPI 150	.1	100	0	20 20 PPM -20
DLOD		RATIO TH/K		URANIUM	
0	GAPI 150	.1	100	0	20 20 PPM -20

UPLUG # 2 Depth: 2725.30 Service:none.002 Unit:1059B  
 Replay Log Date: Time: Vers:2.24



GAMMA KT		RATIO UR/K		POTASSIUM	
0	GAPI 150	.1	100	0	-5 PERCENT 5
OBS GAMMA		RATIO TH/UR		URANIUM	
0	GAPI 150	.1	100	0	20 20 PPM -20
DLOD		RATIO TH/K		URANIUM	
0	GAPI 150	.1	100	0	20 20 PPM -20

UPLUG # 1 Depth: 2723.30 Service:none.002 Unit:1059B  
 Replay Log Date: Time: Vers:2.24

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 DITS SPECTRAL GAMMA - TITANIUM SHOP CALIBRATION SUMMARY  
 PERFORMED: 01:41:06 11/11/92 LAST SHOP CALIBRATION: 01:16:42 11/11/92  
 SERIAL NUMBER: 113020 MODEL: CSNGT-A  
 CALIBR NUM: 313 PROGRAM VERSION: 2.24  
 TRUCK UNIT NUMBER: 1059B  
 PERFORMED BY: L. JONES

TITANIUM CASE	MEASURED	CALIBRATED	UNITS
60KEV PEAK CH#	47	47	CHANNELS
239KEV PEAK CH#	176	175	CHANNELS
583KEV PEAK CH#	49	49	CHANNELS
2614KEV PEAK CH#	213	213	CHANNELS
CALIBRATOR VALUE	248	248	GAPI

DITS SPECTRAL GAMMA - TITANIUM BEFORE SURVEY FIELD CHECK SUMMARY			
PERFORMED:	SHOP	FIELD	UNITS
20:22:57	47	47	CHANNELS
	175	177	CHANNELS
	49	49	CHANNELS
	213	213	CHANNELS
	248	251	GAPI

DITS SPECTRAL GAMMA - TITANIUM AFTER SURVEY FIELD CHECK SUMMARY			
PERFORMED:	BEFORE	AFTER	UNITS
08:12:03	47	47	CHANNELS
	177	175	CHANNELS
	49	50	CHANNELS
	213	213	CHANNELS
	251	248	GAPI

PLS-II CALIBRATION SUMMARY TABLE

SERVICE or SIGNAL	SHOP	BEFORE	AFTER	CHANGE	TOLERANCE
CSNG	248.47	251.84	248.05	-3.79	+/-0.0

PLS-II FILTER & DELAY SUMMARY

FILTER & DELAY SUMMARY  
 DATE: 20-DEC-1992 08:14:15  
 FILTER LENGTH AND DELAY ARE IN METERS

MNEM	TOOL	DESCRIPTION	FILTER LENGTH	DELAY	FILTER TYPE
TENS	DITSHD	CABLE TENSION	0.000	0.000	BLOCK
MAGMRK	DITSHD	DEPTH HOLE MAGNETIC MARK	0.000	0.000	NONE
DLOD	CH_TEN	CABLE HEAD TENSION	0.000	0.000	BLOCK
BHTEMP	CH_TEN	CH BORE HOLE TEMPERATURE	0.000	0.000	BLOCK
PLIOC	CH_TEN	CABLE HEAD PAD LOCATOR	0.000	0.000	BLOCK
H2_V	DSTU	AUXILIARY POWER VOLTAGE	0.000	0.000	NONE
H5_V	DSTU	INSTRUMENT POWER VOLTAGE	0.000	0.000	NONE
DSTEMP	DSTU	DSTU TEMPERATURE (F)	1.220	0.000	BLOCK
RGR	GAMMA	NATURAL GAMMA RAY	0.492	14.025	BLOCK
WIN1H	CSNG_T	CSNG WINDOW HIGH 1	0.301	9.932	BLOCK
WIN2H	CSNG_T	CSNG WINDOW HIGH 2	0.301	9.932	BLOCK
WIN3H	CSNG_T	CSNG WINDOW HIGH 3	0.301	9.932	BLOCK
WIN4H	CSNG_T	CSNG WINDOW HIGH 4	0.301	9.932	BLOCK
WIN5H	CSNG_T	CSNG WINDOW HIGH 5	0.301	9.932	BLOCK
WIN6H	CSNG_T	CSNG WINDOW HIGH 6	0.301	9.932	BLOCK
WIN7H	CSNG_T	CSNG WINDOW HIGH 7	0.301	9.932	BLOCK
WIN8H	CSNG_T	CSNG WINDOW HIGH 8	0.301	9.932	BLOCK
WIN9H	CSNG_T	CSNG WINDOW HIGH 9	0.301	9.932	BLOCK
WIN10H	CSNG_T	CSNG WINDOW HIGH 10	0.301	9.932	BLOCK
WIN11H	CSNG_T	CSNG WINDOW HIGH 11	0.301	9.932	BLOCK
WIN12H	CSNG_T	CSNG WINDOW HIGH 12	0.301	9.932	BLOCK
WIN13H	CSNG_T	CSNG WINDOW HIGH 13	0.301	9.932	BLOCK
WIN1L1	CSNG_T	CSNG WINDOW LITHOLOGY 1	0.301	9.932	BLOCK
WIN1L2	CSNG_T	CSNG WINDOW LITHOLOGY 2	0.301	9.932	BLOCK
WIN1L3	CSNG_T	CSNG WINDOW LITHOLOGY 3	0.301	9.932	BLOCK
WIN1CA	CSNG_T	CSNG WINDOW CASING 1	0.301	9.932	BLOCK
WIN2CA	CSNG_T	CSNG WINDOW CASING 2	0.301	9.932	BLOCK
RGRBLK	CSNG_T	RAW GAMMA - BLOCK FILTER	0.606	9.932	BLOCK
RGRDYN	CSNG_T	RAW GAMMA - DYNAMIC FILTER	0.301	9.932	BLOCK
NOISE	CSNG_T	SPECTRAL NOISE	0.301	9.932	BLOCK
STAB	CSNG_T	CSNG STABILIZER	0.301	9.932	BLOCK
AMER	CSNG_T	AMERICIUM COUNTS	0.301	9.932	BLOCK
SPECHI	CSNG_T	CSNG HIGH ENERGY SPECTRUM SUM	0.000	9.932	NONE
SPECL0	CSNG_T	CSNG LOW ENERGY SPECTRUM SUM	0.000	9.932	NONE
LSPEED	CSNG_T	LINE SPEED	0.000	0.000	NONE
SW_POS	CSNG_T	SWITCH POSITION	0.000	9.932	NONE
FRMONT	CSNG_T	CSNG SPECTRAL FRAME COUNTER	0.000	9.932	NONE
C_TIME	CSNG_T	ACCUMULATION TIME	0.000	9.932	NONE
STAB_F	CSNG_T	CSNG STABILIZER (FIXED)	0.000	9.932	NONE
AMER_F	CSNG_T	AMERICIUM COUNTS (FIXED)	0.000	9.932	NONE
CCL	CSNG_T	CSNG CCL INPUT	0.000	0.000	NONE
NDSN	DSN_II	DSN II NEAR SPACED COUNTS	0.410	6.549	BLOCK
FDSN	DSN_II	DSN II FAR SPACED COUNTS	0.002	6.701	BLOCK
SDENS	SDLB	SDL SHORT SPACED DENSITY	0.530	1.114	BLOCK
SBART	SDLB	SDL SHORT SPACED BARTITE	0.530	1.114	BLOCK
SLITH	SDLB	SDL SHORT SPACED LITHOLOGY	0.530	1.114	BLOCK
CESHI	SDLB	SDL SHORT SPACED CESIUM HI	0.530	1.114	BLOCK
CESLO	SDLB	SDL SHORT SPACED CESIUM LO	0.530	1.114	BLOCK
LDENS	SDLB	SDL LONG SPACED DENSITY	0.300	1.215	BLOCK
LBART	SDLB	SDL LONG SPACED BARTITE	0.300	1.215	BLOCK
PELBAR	SDLB	PE LONG SPACED BARTITE	0.300	1.340	BLOCK
PELDEN	SDLB	PE LONG SPACED DENSITY	0.300	1.340	BLOCK
LLITH	SDLB	SDL LONG SPACED LITHOLOGY	0.300	1.215	BLOCK
CELLHI	SDLB	SDL LONG SPACED CESIUM HIGH	0.300	1.215	BLOCK
CELLO	SDLB	SDL LONG SPACED CESIUM LOW	0.300	1.215	BLOCK
SBARTU	SDLB	SDL SHORT SPACED BARTITE	0.000	1.114	NONE
SDENSU	SDLB	SDL SHORT SPACED DENSITY	0.000	1.114	NONE
SLITHU	SDLB	SDL SHORT SPACED LITHOLOGY	0.000	1.114	NONE
CALIP	CAL1_1	SDL PAD CALIPER	0.301	1.471	BLOCK

HLS

PLS-II TOOL STRING DIAGRAM  
 20-DEC-1992 08:12:52

