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1201-1210

W1201 E
12/11/80

HOLE : 061419 *W1201 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	11.0	0.079	68.5	0.864
	2.5	0.055	84.0	0.137
LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET, A GRADE OF 0.074 % U308, AND A G*T OF 1.001 %-FT.				

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	0.110	72.5	0.713
	1.5	0.072	84.0	0.107
LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET, A GRADE OF 0.103 % U308, AND A G*T OF 0.821 %-FT.				

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	0.110	72.5	0.713
	1.5	0.072	84.0	0.107
LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET, A GRADE OF 0.103 % U308, AND A G*T OF 0.821 %-FT.				

W1201 E
12/11/80

HOLE : 061419 *W1201 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 67.0 TO 89.0 ; INTERPRETED AS

67.0	0.010-	74.5	0.188-***	82.0	0.010-
67.5	0.009-	75.0	0.141-**	82.5	0.020-
68.0	0.012-	75.5	0.193-***	83.0	0.020-
68.5	0.034-	76.0	0.150-***	83.5	0.022-
69.0	0.036-	76.5	0.045-	84.0	0.092-*
69.5	0.044-	77.0	0.072-*	84.5	0.070-*
70.0	0.039-	77.5	0.054-*	85.0	0.053-*
70.5	0.035-	78.0	0.061-*	85.5	0.021-
71.0	0.027-	78.5	0.057-*	86.0	0.039-
71.5	0.021-	79.0	0.039-	86.5	0.009-
72.0	0.026-	79.5	0.027-	87.0	0.019-
72.5	0.108-***	80.0	0.016------	87.5	0.011-
73.0	0.114-**	80.5	0.013-	88.0	0.011-
73.5	0.103-**	81.0	0.010-	88.5	0.010-
74.0	0.141-**	81.5	0.017-	89.0	0.007-

W1201 E
12/11/80

HOLE : 061419 *W1201 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 115. FEET
PROBED 107. FEET ON 10/ 9/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.000
WATER DEPTH - 107 FEET
PIPE DEPTH - 0 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE : 061430 *W1202 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	27.0	0.177	632.5	4.783
	1.0	0.159	681.5	0.159
	14.0	0.080	691.5	1.123

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 42.0 FEET,
A GRADE OF 0.144 % U308, AND A G*T OF 6.065 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	25.5	0.186	632.5	4.744
	1.0	0.159	681.5	0.159
	13.5	0.082	692.0	1.106

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 40.0 FEET,
A GRADE OF 0.150 % U308, AND A G*T OF 6.008 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	24.0	0.196	632.5	4.711
	1.0	0.159	681.5	0.159
	5.0	0.149	692.0	0.743
	1.0	0.067	704.0	0.067

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 31.0 FEET,
A GRADE OF 0.183 % U308, AND A G*T OF 5.680 %-FT.

W1202 E
12/11/80

HOLE : 061430 *W1202 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 630.0 TO 659.0 ; INTERPRETED AS

630.0	0.029-	640.0	0.056-*	650.0	0.075-*
630.5	0.017-	640.5	0.042-	650.5	0.086-*
631.0	0.027-	641.0	0.052-*	651.0	0.082-*
631.5	0.000-	641.5	0.075-*	651.5	0.175-***
632.0	0.000-	642.0	0.244-*****	652.0	0.042-
632.5	0.218-****	642.5	0.158-***	652.5	0.004-
633.0	1.430-*****	643.0	0.125-**	653.0	0.058-*
633.5	0.426-*****	643.5	0.078-*	653.5	0.033-
634.0	0.419-*****	644.0	0.148-**	654.0	0.044-
634.5	0.440-*****	644.5	0.208-*****	654.5	0.056-*
635.0	0.448-*****	645.0	0.130-**	655.0	0.055-*
635.5	0.118-**	645.5	0.145-**	655.5	0.047-
636.0	0.771-*****	646.0	0.156-***	656.0	0.130-**
636.5	0.538-*****	646.5	0.110-**	656.5	0.005-
637.0	0.277-*****	647.0	0.043-	657.0	0.019-
637.5	0.389-*****	647.5	0.096-*	657.5	0.041-
638.0	0.475-*****	648.0	0.089-*	658.0	0.038-
638.5	0.141-**	648.5	0.050-*	658.5	0.011-
639.0	0.253-*****	649.0	0.068-*	659.0	0.030-
639.5	0.065-*	649.5	0.055-*		

ANOMALY 2 - 677.5 TO 706.0 ; INTERPRETED AS

677.5	0.009-	687.5	0.013-	697.5	0.040-
678.0	0.020-	688.0	0.013-	698.0	0.037-
678.5	0.015-	688.5	0.013-	698.5	0.045-
679.0	0.016-	689.0	0.013-	699.0	0.041-
679.5	0.017-	689.5	0.015-	699.5	0.043-
680.0	0.015-	690.0	0.008-	700.0	0.044-
680.5	0.015-	690.5	0.025-	700.5	0.049-
681.0	0.000-	691.0	0.007-	701.0	0.056-*
681.5	0.141-**	691.5	0.035-	701.5	0.031-
682.0	0.176-***	692.0	0.074-*	702.0	0.001-
682.5	0.000-	692.5	0.204-*****	702.5	0.048-
683.0	0.023-	693.0	0.183-***	703.0	0.048-
683.5	0.015-	693.5	0.318-*****	703.5	0.029-
684.0	0.017-	694.0	0.371-*****	704.0	0.050-*
684.5	0.026-	694.5	0.111-**	704.5	0.085-*
685.0	0.014-	695.0	0.074-*	705.0	0.043-
685.5	0.024-	695.5	0.020-	705.5	0.018-
686.0	0.008-	696.0	0.074-*	706.0	0.011-
686.5	0.014-	696.5	0.057-*		
687.0	0.013-	697.0	0.036-		

W1202 E
12/11/80

HOLE : 061430 *W1202 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 725. FEET
PROBED 723. FEET ON 10/17/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 723 FEET
PIPE DEPTH - 723 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1203 E
12/11/80

HOLE : 061430 *W1203 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

JOCA NUMBER : CAEB37720
DRILLED 700. FEET
PROBED 691. FEET ON 10/20/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 691 FEET
PIPE DEPTH - 691 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE W1203 IS BARREN **

W1204 E#
12/11/80

HOLE : 061430 *W1204 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	1.0	0.035	645.0	0.035
	9.5	0.065	649.0	0.621
	6.0	0.056	664.5	0.337
	1.0	0.037	674.5	0.037

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 17.5 FEET,
A GRADE OF 0.059 % U308, AND A G*T OF 1.031 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	7.0	0.078	651.0	0.547
	4.5	0.064	664.5	0.287

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 11.5 FEET,
A GRADE OF 0.073 % U308, AND A G*T OF 0.834 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	3.0	0.129	654.0	0.386
	4.5	0.064	664.5	0.287

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF 0.090 % U308, AND A G*T OF 0.673 %-FT.

W1204 E
12/11/80

HOLE : 061430 *W1204 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 641.5 TO 676.5 ; INTERPRETED AS

641.5	0.020-	653.5	0.046-	665.5	0.000-
642.0	0.018-	654.0	0.281-*****	666.0	0.147-**
642.5	0.024-	654.5	0.159-***	666.5	0.176-***
643.0	0.014-	655.0	0.103-**	667.0	0.013-
643.5	0.021-	655.5	0.034-	667.5	0.043-
644.0	0.021-	656.0	0.090-*	668.0	0.035-
644.5	0.025-	656.5	0.105-**	668.5	0.050-*
645.0	0.035-	657.0	0.025-	669.0	0.033-
645.5	0.035-	657.5	0.045-	669.5	0.037-
646.0	0.027-	658.0	0.034-	670.0	0.030-
646.5	0.017-	658.5	0.013-	670.5	0.010-
647.0	0.021-	659.0	0.026-	671.0	0.005-
647.5	0.029-	659.5	0.010-	671.5	0.009-
648.0	0.026-	660.0	0.016-	672.0	0.009-
648.5	0.011-	660.5	0.010-	672.5	0.006-
649.0	0.030-	661.0	0.018-	673.0	0.011-
649.5	0.023-	661.5	0.008-	673.5	0.006-
650.0	0.027-	662.0	0.016-	674.0	0.015-
650.5	0.034-	662.5	0.015-	674.5	0.042-
651.0	0.041-	663.0	0.016-	675.0	0.033-
651.5	0.056-*	663.5	0.026-	675.5	0.013-
652.0	0.024-	664.0	0.029-	676.0	0.014-
652.5	0.049-	664.5	0.074-*	676.5	0.014-
653.0	0.036-	665.0	0.037-		

W1204 E
12/11/80

HOLE : 061430 *W1204 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 700. FEET
PROBED 686. FEET ON 10/ 1/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 686 FEET
PIPE DEPTH - 686 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1205 E
12/11/80

HOLE : 061430 *W1205 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	3.0	0.039	607.0	0.116
	7.0	0.046	642.5	0.321

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 10.0 FEET,
A GRADE OF 0.044 % U308, AND A G*T OF 0.437 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	1.5	0.043	607.0	0.065
	7.0	0.046	642.5	0.321

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.5 FEET,
A GRADE OF 0.045 % U308, AND A G*T OF 0.386 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

<u>LITH. UNIT</u>	<u>THICKNESS</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>G*T</u>
	7.0	0.046	642.5	0.321

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.0 FEET,
A GRADE OF 0.046 % U308, AND A G*T OF 0.321 %-FT.

W1205 E
12/11/80

HOLE : 061430 *W1205 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 605.0 TO 613.0 ; INTERPRETED AS

605.0	0.016-	608.0	0.045-	611.0	0.022-
605.5	0.013-	608.5	0.037-	611.5	0.017-
606.0	0.020-	609.0	0.035-	612.0	0.014-
606.5	0.029-	609.5	0.030-	612.5	0.013-
607.0	0.041-	610.0	0.029-	613.0	0.014-
607.5	0.044-	610.5	0.024-		

ANOMALY 2 - 641.0 TO 650.0 ; INTERPRETED AS

641.0	0.026-	644.5	0.048-	648.0	0.034-
641.5	0.028-	645.0	0.064-*	648.5	0.050-*
642.0	0.017-	645.5	0.001-	649.0	0.052-*
642.5	0.070-*	646.0	0.016-	649.5	0.020-
643.0	0.110-**	646.5	0.055-*	650.0	0.018-
643.5	0.039-	647.0	0.032-		
644.0	0.029-	647.5	0.043-		

W1205 E
12/11/80

HOLE : 061430 *W1205 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 705. FEET
PROBED 698. FEET ON 10/ 6/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 698 FEET
PIPE DEPTH - 698 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1206 E
12/11/80

HOLE : 061430 *W1206 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	5.0	0.034	609.5	0.171
	3.5	0.029	618.0	0.102
	7.0	0.151	669.5	1.058

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.5 FEET,
A GRADE OF 0.086 % U308, AND A G*T OF 1.332 %-FT.

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GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	6.5	0.160	670.0	1.042

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF 0.160 % U308, AND A G*T OF 1.042 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	0.170	670.5	1.022

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.0 FEET,
A GRADE OF 0.170 % U308, AND A G*T OF 1.022 %-FT.

W1206 E
12/11/80

HOLE : 061430 *W1206 E WORKMAN
GILA COUNTY, ARIZONA
LEASE ID :

PROPERTIES

TABULATED GRADE DATA

ANOMALY 1 - 592.0 TO 623.5 ; INTERPRETED AS

592.0	0.015-	603.0	0.016-	614.0	0.034-
592.5	0.011-	603.5	0.007-	614.5	0.020-
593.0	0.016-	604.0	0.011-	615.0	0.019-
593.5	0.029-	604.5	0.016-	615.5	0.024-
594.0	0.027-	605.0	0.015-	616.0	0.025-
594.5	0.026-	605.5	0.022-	616.5	0.029-
595.0	0.023-	606.0	0.025-	617.0	0.021-
595.5	0.016-	606.5	0.032-	617.5	0.027-
596.0	0.015-	607.0	0.029-	618.0	0.031-
596.5	0.013-	607.5	0.028-	618.5	0.027-
597.0	0.009-	608.0	0.025-	619.0	0.026-
597.5	0.009-	608.5	0.023-	619.5	0.028-
598.0	0.016-	609.0	0.028-	620.0	0.030-
598.5	0.017-	609.5	0.030-	620.5	0.031-
599.0	0.016-	610.0	0.031-	621.0	0.032-
599.5	0.015-	610.5	0.035-	621.5	0.026-
600.0	0.012-	611.0	0.037-	622.0	0.020-
600.5	0.014-	611.5	0.036-	622.5	0.024-
601.0	0.013-	612.0	0.052-*	623.0	0.022-
601.5	0.014-	612.5	0.036-	623.5	0.010-
602.0	0.018-	613.0	0.020-		
602.5	0.019-	613.5	0.032-		

ANOMALY 2 - 665.0 TO 677.0 ; INTERPRETED AS

665.0	0.012-	669.5	0.031-	674.0	0.156-***
665.5	0.017-	670.0	0.040-	674.5	0.243-****
666.0	0.018-	670.5	0.066-*	675.0	0.169-***
666.5	0.025-	671.0	0.042-	675.5	0.510-*****
667.0	0.011-	671.5	0.051-*	676.0	0.099-*
667.5	0.017-	672.0	0.032-	676.5	0.000-
668.0	0.013-	672.5	0.019-	677.0	0.003-
668.5	0.020-	673.0	0.378-*****		
669.0	0.016-	673.5	0.280-*****		

W1206 E
12/11/80

HOLE : 061430 *W1206 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 765. FEET
PROBED 751. FEET ON 10/27/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 751 FEET
PIPE DEPTH - 751 FEET

MAJOR LITHOLOGIC UNITS

<u>FORMATION</u>	<u>AGE</u>	<u>SUBDIVISION</u>	<u>LITHOLOGY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

<u>CHEMISTRY</u>	<u>DEPTH TO TOP</u>
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THERE ARE NO CHEMICAL UNITS RECORDED

W1207 E
12/11/80

HOLE : 061430 *W1207 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	0.085	737.5	0.085
	1.0	0.038	747.0	0.038
	1.0	0.038	753.5	0.038
	5.5	0.056	758.5	0.306
	1.0	0.116	785.5	0.116

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 9.5 FEET,
A GRADE OF 0.061 % U308, AND A G*T OF 0.583 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	0.085	737.5	0.085
	4.5	0.060	759.0	0.269
	1.0	0.116	785.5	0.116

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF 0.072 % U308, AND A G*T OF 0.469 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	0.085	737.5	0.085
	4.5	0.060	759.0	0.269
	1.0	0.116	785.5	0.116

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF 0.072 % U308, AND A G*T OF 0.469 %-FT.

W1207 E
12/11/80

HOLE : 061430 *W1207 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 736.0 TO 748.0 ; INTERPRETED AS

736.0	0.013-	740.5	0.017-	745.0	0.010-
736.5	0.026-	741.0	0.013-	745.5	0.018-
737.0	0.011-	741.5	0.008-	746.0	0.027-
737.5	0.117-**	742.0	0.011-	746.5	0.007-
738.0	0.053-*	742.5	0.009-	747.0	0.045-
738.5	0.007-	743.0	0.015-	747.5	0.032-
739.0	0.022-	743.5	0.002-	748.0	0.005-
739.5	0.011-	744.0	0.001-		
740.0	0.017-	744.5	0.016-		

ANOMALY 2 - 752.5 TO 764.5 ; INTERPRETED AS

752.5	0.013-	757.0	0.012-	761.5	0.070-*
753.0	0.011-	757.5	0.016-	762.0	0.084-*
753.5	0.035-	758.0	0.015-	762.5	0.074-*
754.0	0.040-	758.5	0.037-	763.0	0.051-*
754.5	0.016-	759.0	0.073-*	763.5	0.038-
755.0	0.013-	759.5	0.059-*	764.0	0.016-
755.5	0.018-	760.0	0.034-	764.5	0.013-
756.0	0.015-	760.5	0.048-		
756.5	0.007-	761.0	0.045-		

ANOMALY 3 - 784.0 TO 787.0 ; INTERPRETED AS

784.0	0.018-	785.5	0.162-***	787.0	0.023-
784.5	0.021-	786.0	0.069-*		
785.0	0.026-	786.5	0.000-		

W1207 E
12/11/80

HOLE : 061430 *W1207 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 832. FEET
PROBED 816. FEET ON 10/29/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 816 FEET
PIPE DEPTH - 816 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1208 E
12/11/80

HOLE : 061430 *W1208 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	19.0	0.038	444.5	0.731

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 19.0 FEET,
A GRADE OF 0.038 % U308, AND A G*T OF 0.731 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.5	0.048	446.0	0.314
	4.5	0.046	458.0	0.205

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 11.0 FEET,
A GRADE OF 0.047 % U308, AND A G*T OF 0.520 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.5	0.048	446.0	0.314
	1.0	0.061	461.5	0.061

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF 0.050 % U308, AND A G*T OF 0.375 %-FT.

W1208 E
12/11/80

HOLE : 061430 *W1208 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 443.5 TO 464.0 ; INTERPRETED AS

443.5	0.023-	450.5	0.064-*	457.5	0.020-
444.0	0.013-	451.0	0.015-	458.0	0.051-*
444.5	0.034-	451.5	0.037-	458.5	0.036-
445.0	0.011-	452.0	0.055-*	459.0	0.028-
445.5	0.000-	452.5	0.039-	459.5	0.040-
446.0	0.103-**	453.0	0.016-	460.0	0.049-
446.5	0.132-**	453.5	0.032-	460.5	0.042-
447.0	0.026-	454.0	0.034-	461.0	0.043-
447.5	0.014-	454.5	0.029-	461.5	0.062-*
448.0	0.027-	455.0	0.023-	462.0	0.060-*
448.5	0.055-*	455.5	0.029-	462.5	0.036-
449.0	0.048-	456.0	0.036-	463.0	0.030-
449.5	0.020-	456.5	0.028-	463.5	0.013-
450.0	0.033-	457.0	0.025-	464.0	0.023-

W1208 E
12/11/80

HOLE : 061430 *W1208 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 505. FEET
PROBED 492. FEET ON 10/21/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 492 FEET
PIPE DEPTH - 492 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1209 E
12/11/80

HOLE : 061430 *W1209 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 397.0 TO 404.0 ; INTERPRETED AS

397.0	0.015-	399.5	0.035-	402.0	0.015-
397.5	0.011-	400.0	0.017-	402.5	0.022-
398.0	0.012-	400.5	0.018-	403.0	0.014-
398.5	0.020-	401.0	0.016-	403.5	0.012-
399.0	0.023-	401.5	0.014-	404.0	0.014-

W1209 E
12/11/80

HOLE : 061430 *W1209 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAE337720
DRILLED 485. FEET
PROBED 467. FEET ON 10/19/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE :NO
DIRECTIONALLY DRILLED HOLE :NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 467 FEET
PIPE DEPTH - 467 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

W1210 E
12/11/80

HOLE : 061430 *W1210 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

** INTERCEPT SUMMARY **

GRADE CUTOFF 0.03; G*T CUTOFF 0.03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	7.0	0.130	734.0	0.910
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			7.0 FEET,
A GRADE OF 0.130 % U308,	AND A G*T OF			0.910 %-FT.

*

GRADE CUTOFF 0.04; G*T CUTOFF 0.04; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	0.147	735.0	0.884
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			6.0 FEET,
A GRADE OF 0.147 % U308,	AND A G*T OF			0.884 %-FT.

*

GRADE CUTOFF 0.05; G*T CUTOFF 0.05; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	0.147	735.0	0.884
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			6.0 FEET,
A GRADE OF 0.147 % U308,	AND A G*T OF			0.884 %-FT.

W1210 E
12/11/80

HOLE : 061430 *W1210 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

TABULATED GRADE DATA

ANOMALY 1 - 727.0 TO 744.0 ; INTERPRETED AS

727.0	0.011-	733.0	0.021-	739.0	0.381-*****
727.5	0.022-	733.5	0.020-	739.5	0.000-
728.0	0.015-	734.0	0.031-	740.0	0.119-**
728.5	0.012-	734.5	0.022-	740.5	0.200-*****
729.0	0.019-	735.0	0.149-**	741.0	0.000-
729.5	0.017-	735.5	0.100-**	741.5	0.002-
730.0	0.013-	736.0	0.127-**	742.0	0.023-
730.5	0.025-	736.5	0.096-*	742.5	0.017-
731.0	0.020-	737.0	0.181-***	743.0	0.023-
731.5	0.021-	737.5	0.111-**	743.5	0.009-
732.0	0.021-	738.0	0.068-*	744.0	0.015-
732.5	0.021-	738.5	0.236-*****		

W1210 E
12/11/80

HOLE : 061430 *W1210 E WORKMAN PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID :

JOCA NUMBER : CAEB37720
DRILLED 785. FEET
PROBED 764. FEET ON 10/25/80

LOCATION : COLLAR ELEVATION - 0.0 FEET
N-S COORD. - 0.0
E-W COORD. - 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE : NO
DIRECTIONALLY DRILLED HOLE : NO

LOGGING PARAMETERS : K-FACTOR - 0.00003120
DEAD TIME - 0.00000976
WATER FACTOR - 1.210
PIPE FACTOR - 1.690
WATER DEPTH - 764 FEET
PIPE DEPTH - 764 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED