

## **DATA REPOSITORY ITEM 2008256**

The data repository contains a description of analytical techniques and errors, histograms and relative probability plots of Difunta Group sandstones (Figs. DR-1A, 1B, 1C and 1D), concordia plots for each of the detrital zircon samples (Figs DR-2A, 2B and 2C), a table of sample locations (Table DR-1), and a table of U-Pb geochronological analyses by Laser-Ablation Multicollector ICP Mass Spectrometry (LA-MC-ICPMS; Table DR-2).

### **ANALYTICAL TECHNIQUES**

Approximately 5–10 kg of sandstone were crushed using a jaw crusher and disc grinder and processed for mineral separations using a Gemeni water table. Zircons were concentrated using methylene iodide (MEI) and magnetic separation with a Frantz. All material that sank in MEI and was non-magnetic at 1.8 Å was put on 2.5 cm epoxy mounts for analysis. Beam diameter was 35 µm for detrital zircons. The ablated material was transported in an Ar-He carrier gas into the plasma source of a Micromass Isoprobe equipped with a flight tube of sufficient width to allow simultaneous analysis of U, Th, and Pb isotopes. All measurements were made in static mode, using Faraday detectors for  $^{238}\text{U}$ ,  $^{232}\text{Th}$ ,  $^{208-206}\text{Pb}$ , and an ion-counting channel for  $^{204}\text{Pb}$ . Ion yields were ~1 mv per ppm. Eighty-five to one hundred individual zircon grains were analyzed in each sample. Each analysis consisted of a 20 second blank with the laser off, followed by 12–20 seconds of sampling with the laser on. The machine was then purged for 30 seconds between each analysis. Analyses with measurement error higher than 5% were discarded. Element and isotopic fractionation for LA-MC-ICPMS vary with pit depth and the

rate of carrier gas flow across the sample surface (Gehrels et al., 2008). To correct for Pb/U and Th/U fractionation, fragments of a large Sri Lanka zircon grain ( $563.5 \pm 3.2$  Ma at 2-sigma) were analyzed five times at the beginning of each sample set, after every fifth unknown analysis and twice at the conclusion of a sample set. The unknowns are corrected for the closest 6 standards using a sliding window average (Gehrels et al., 2008). The error resulting from the calibration correction is generally 1% ( $2\sigma$ ) for

$^{206}\text{Pb}/^{238}\text{U}$  and  $^{207}\text{Pb}/^{206}\text{Pb}$  ages.

Random errors that result from the measurement of  $^{206}\text{Pb}/^{238}\text{U}$ ,  $^{206}\text{Pb}/^{207}\text{Pb}$ , and  $^{206}\text{Pb}/^{204}\text{Pb}$  are reported at the  $1\sigma$  level (Table DR-2). For each zircon analysis, the errors in determination of  $^{206}\text{Pb}/^{238}\text{U}$  and  $^{206}\text{Pb}/^{204}\text{Pb}$  result in a measurement error of  $\sim 1\text{-}2\%$  (at 2-sigma level) in the  $^{206}\text{Pb}/^{238}\text{U}$  age (Gehrels et al., 2008). The errors in measurement of  $^{206}\text{Pb}/^{207}\text{Pb}$  and  $^{206}\text{Pb}/^{204}\text{Pb}$  also result in  $\sim 1\text{-}2\%$  (at 2-sigma level) uncertainty in age for grains that are  $>1.0$  Ga, but these errors are substantially larger for younger grains due to low intensity of the  $^{207}\text{Pb}$  signal. For most analyses, the cross-over in precision of these random errors for  $^{206}\text{Pb}/^{238}\text{U}$  and  $^{206}\text{Pb}/^{207}\text{Pb}$  ages occurs at  $\sim 1.0$  Ga, which is reflected in the best age estimates of Table DR-2. Relative probability diagrams and concordia plots (Figs. DR 1A-1C) were created using the Isoplot program (Ludwig, 2003). Additional details of analytical methods and errors are described by Gehrels et al. (2008).

## REFERENCES CITED

Gehrels, G.E., Valencia, V.A., and Ruiz, J., 2008, Enhanced precision, accuracy, efficiency, and spatial resolution of U-Pb ages by laser ablation–multicollector–inductively coupled plasma–

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Ludwig, K. R., 2003, Isoplot/Ex 3.00: A geochronological toolkit for Microsoft

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Stacey, J., and Kramers, J., 1975, Approximation of terrestrial lead isotope evolution by a two-stage model: *Earth and Planetary Science Letters*, v. 26, p. 207–221.

## FIGURES

Figure DR-1A. Detrital zircon age probability functions and histograms for lower Maastrichtian sandstones of Parras and La Popa basins. Right column consists of probability spectra for all grains; histogram bins equal 50 Ma. Left column consists of probability spectra for grains younger than 675 Ma, a natural break in the Difunta Group age distribution; histogram bins are 20 Ma. Gray line in left spectra is the age probability distribution for all Difunta Group sandstones (Fig. 6A).

Figure DR-1B. Detrital zircon age probability functions and histograms for middle Maastrichtian sandstones of Parras and La Popa basins. Upper row is all Difunta Group analyses for comparison. Explanation and conventions as in Figure DR-1A.

Figure DR-1C. Detrital zircon age probability functions and histograms for Delgado Sandstone Member of the Potrerillos Formation, La Popa basin. Explanation and conventions as in Figure DR-1A.

Figure DR-1D. Detrital zircon age probability functions and histograms for Cenozoic sandstones of the Difunta Group, La Popa basin. Explanation and conventions as in

Figure DR-1A. Samples are arranged in stratigraphic order, with youngest sample at top.

Figure DR-2A. Concordia diagrams for samples of Muerto Formation and Cuchilla Sandstone Tongue and Delgado Sandstone Member of Potrerillos Formation, La Popa basin.

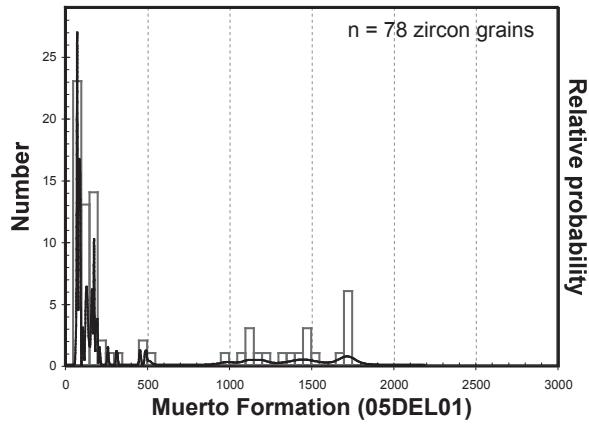
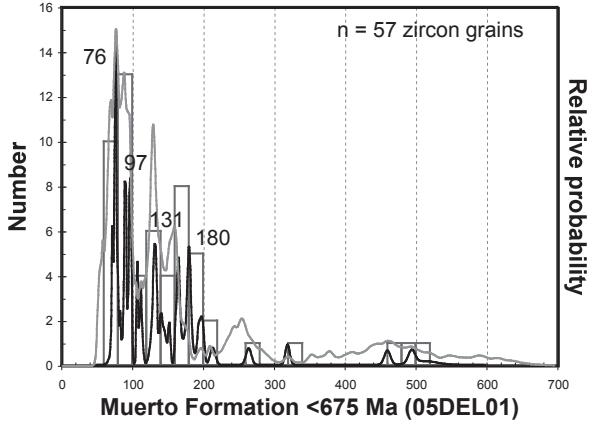
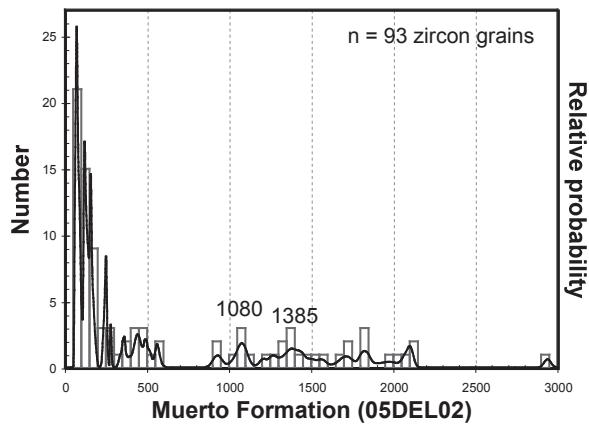
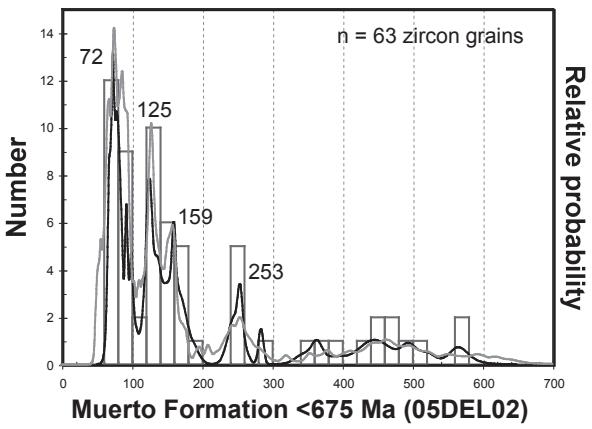
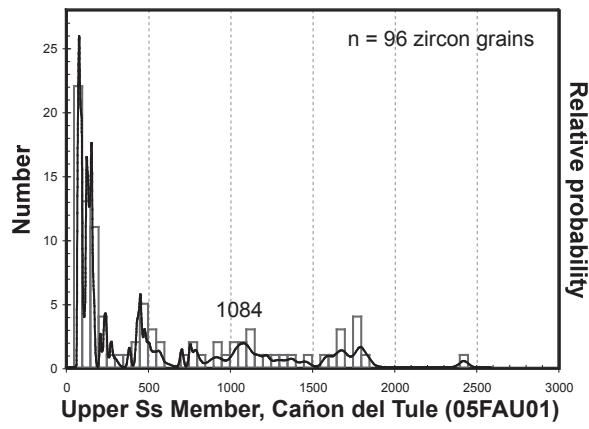
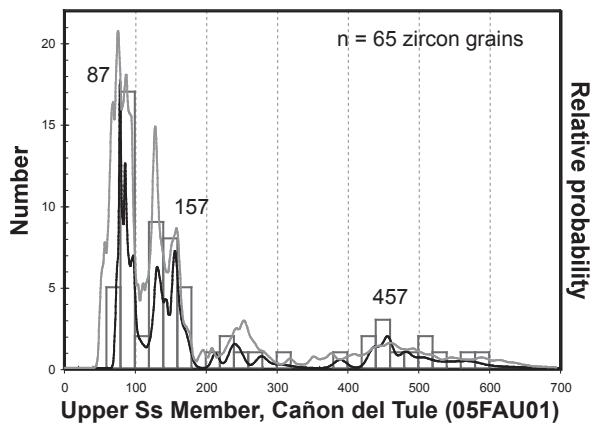
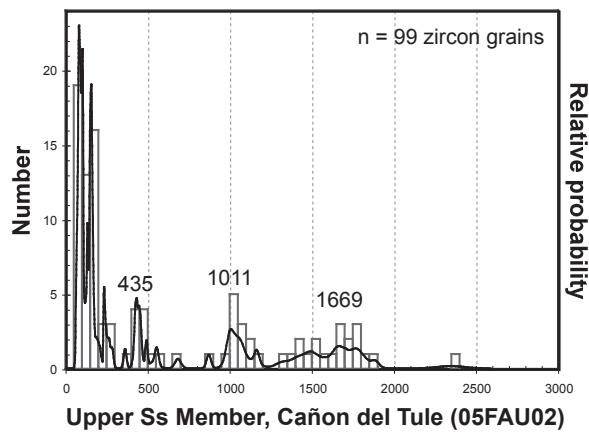
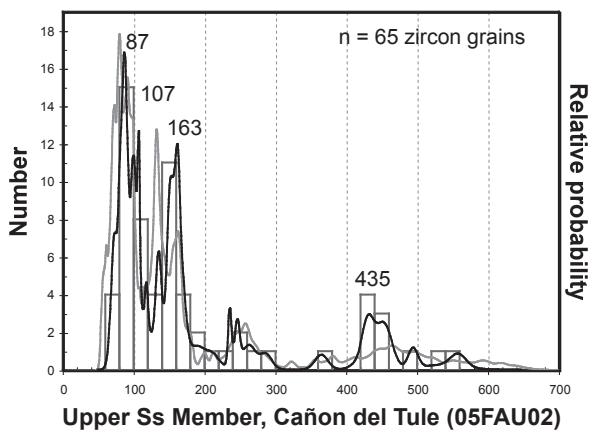
Figure DR-2B. Concordia diagrams for samples of Delgado Sandstone Member and upper sandstone member of Potrerillos Formation and Viento Formation, La Popa basin.

Figure DR-2C. Concordia diagrams for samples of Carroza Formation, La Popa basin, and Cañon del Tule and Las Imagenes formations, Parras basin.

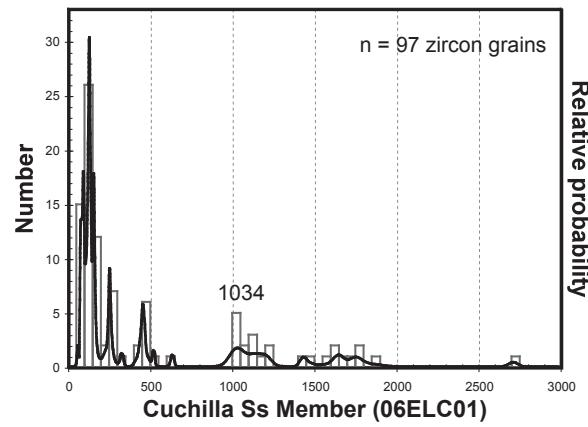
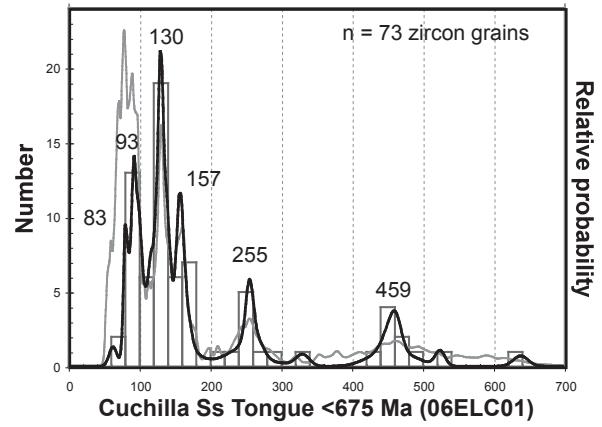
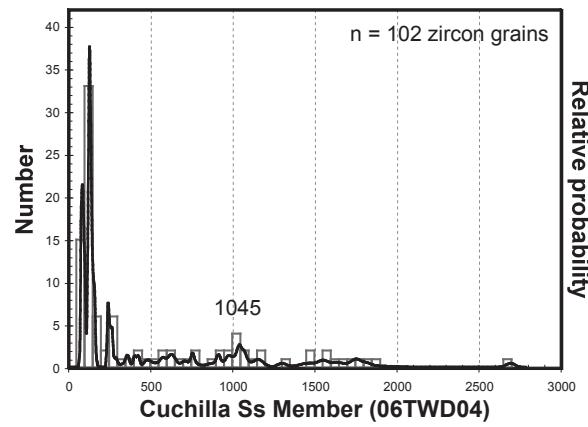
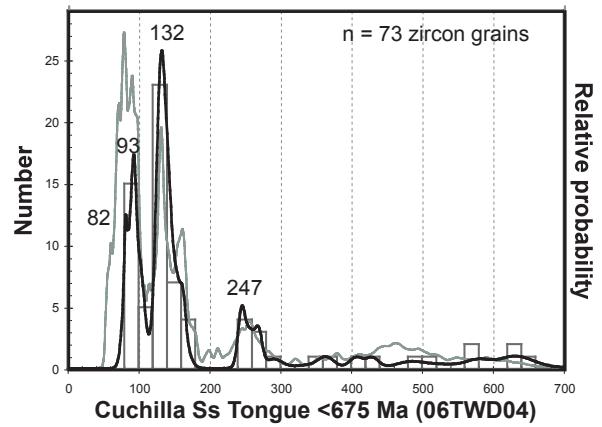
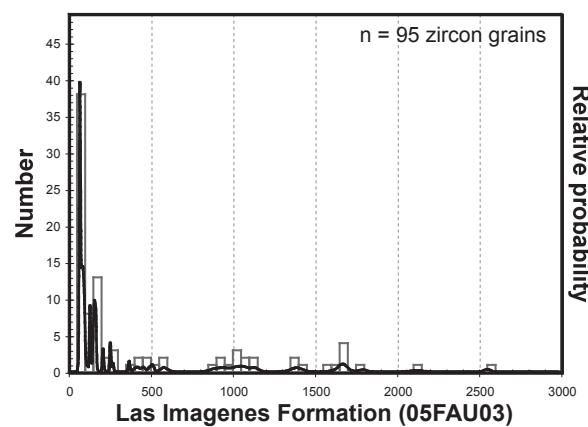
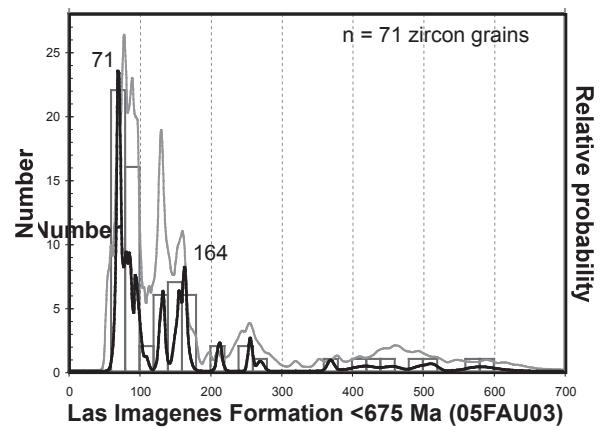
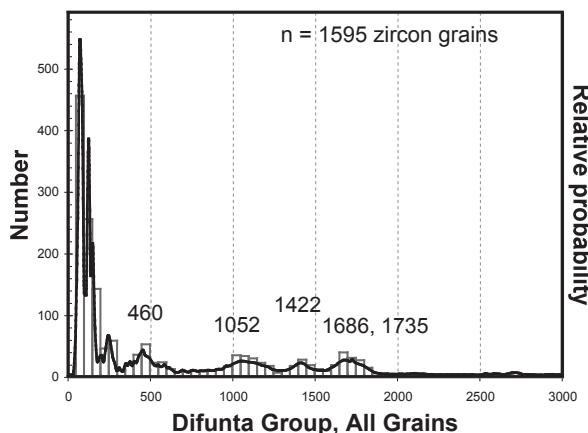
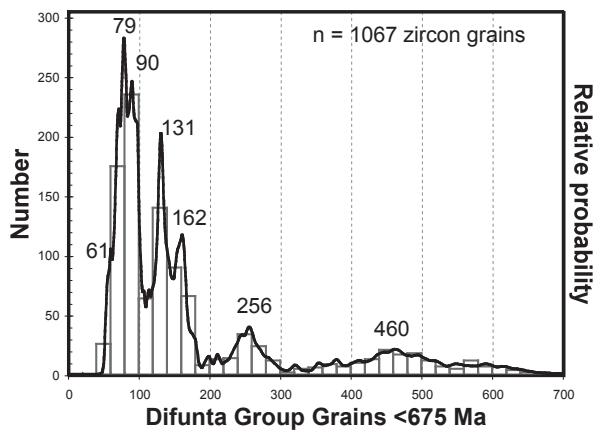
## TABLES

Table DR-1. GPS locations of Difunta Group U-Pb zircon geochronology samples, Parras and La Popa basins.

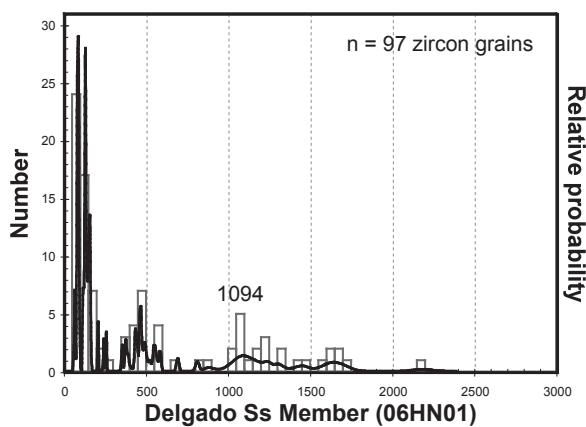
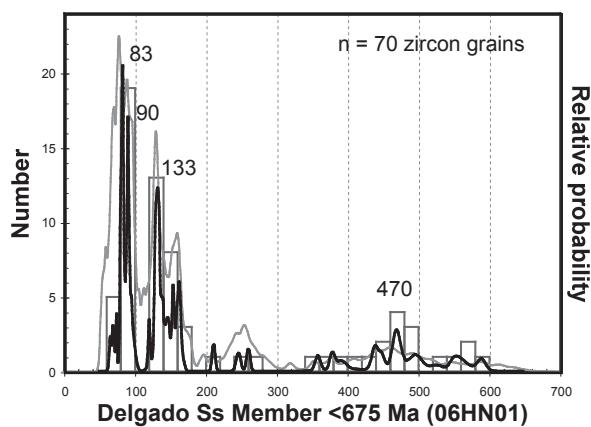
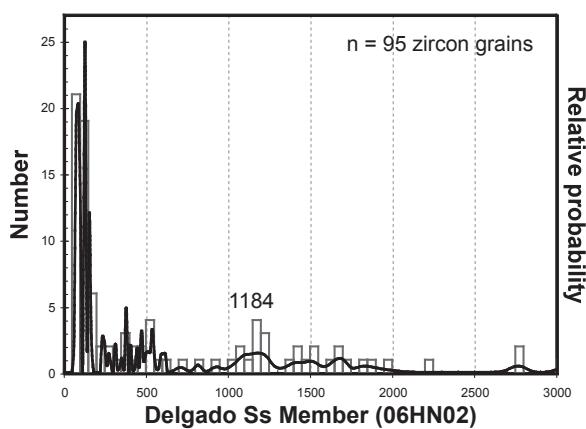
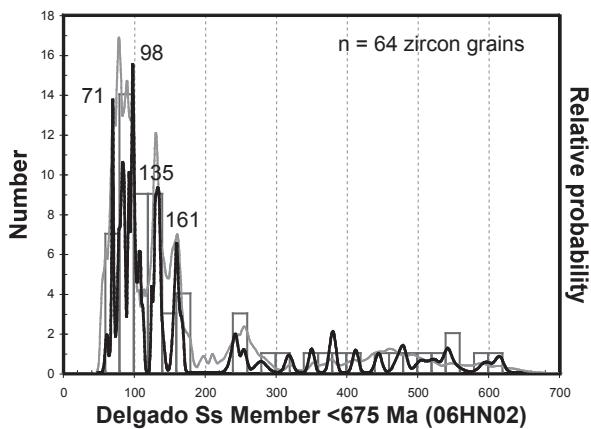
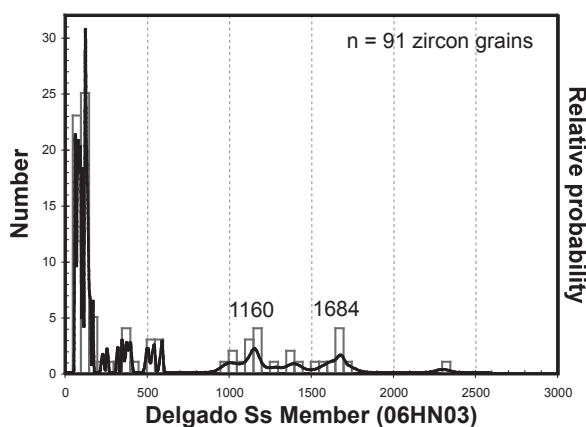
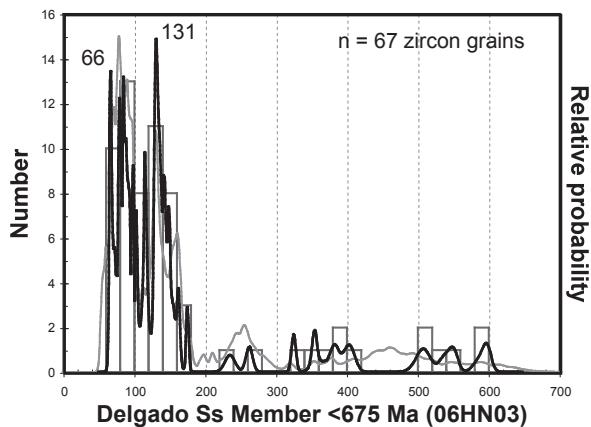
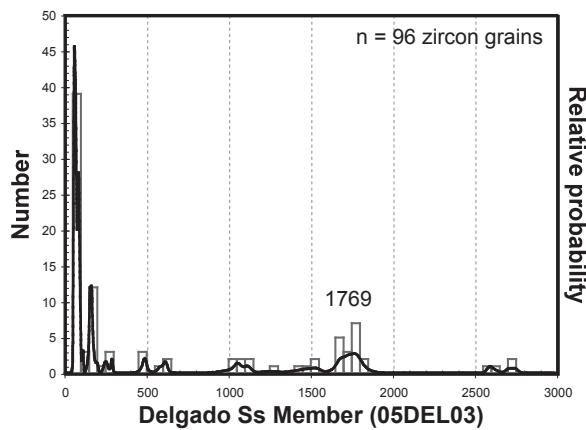
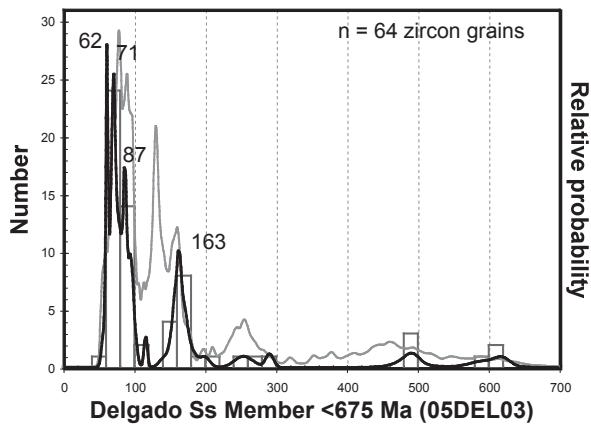
Table DR-2. U-Pb (zircon) geochronologic analyses of Difunta Group sandstones by Laser-Ablation Multicollector ICP Mass Spectrometry.

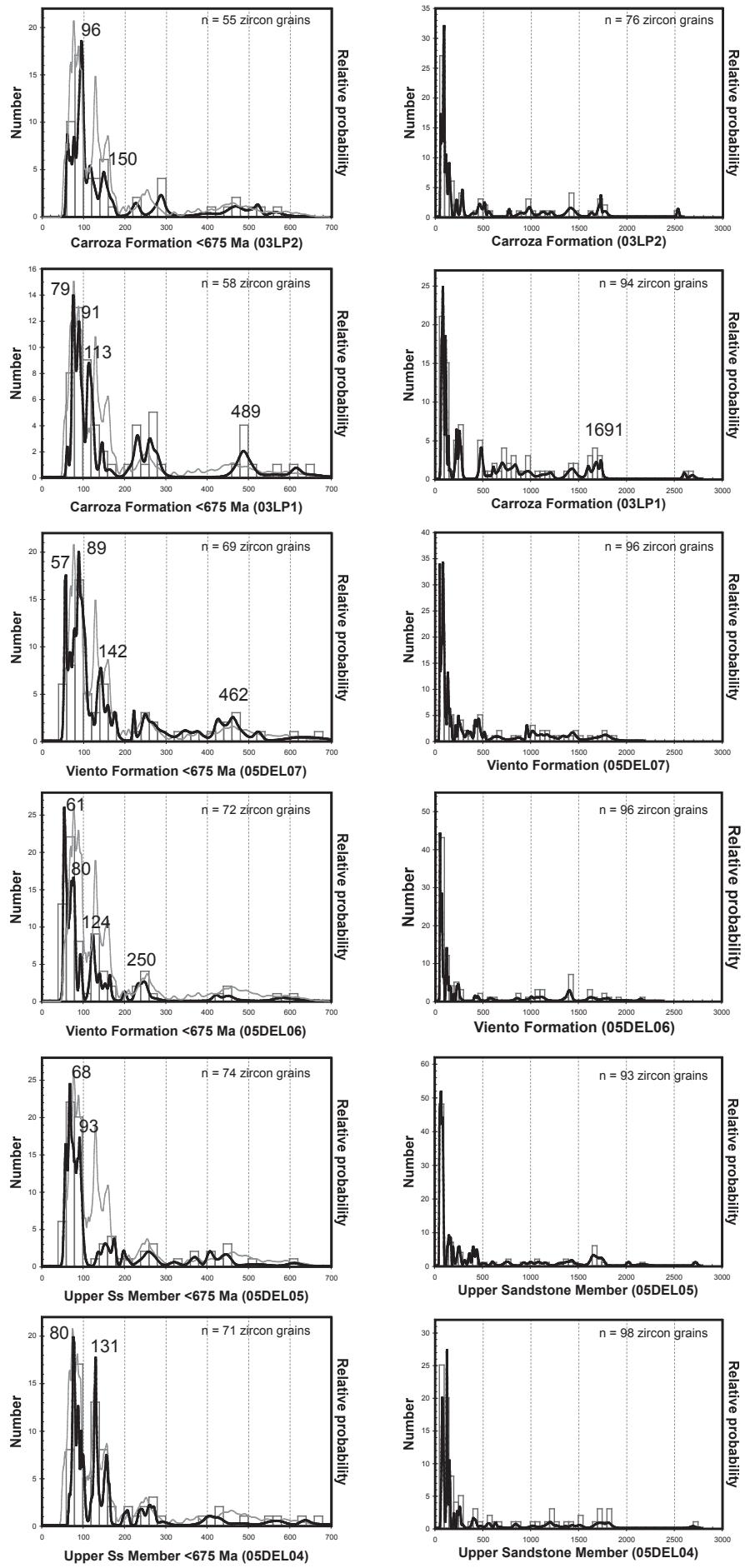


Lawton et al.  
Figure DR-1A

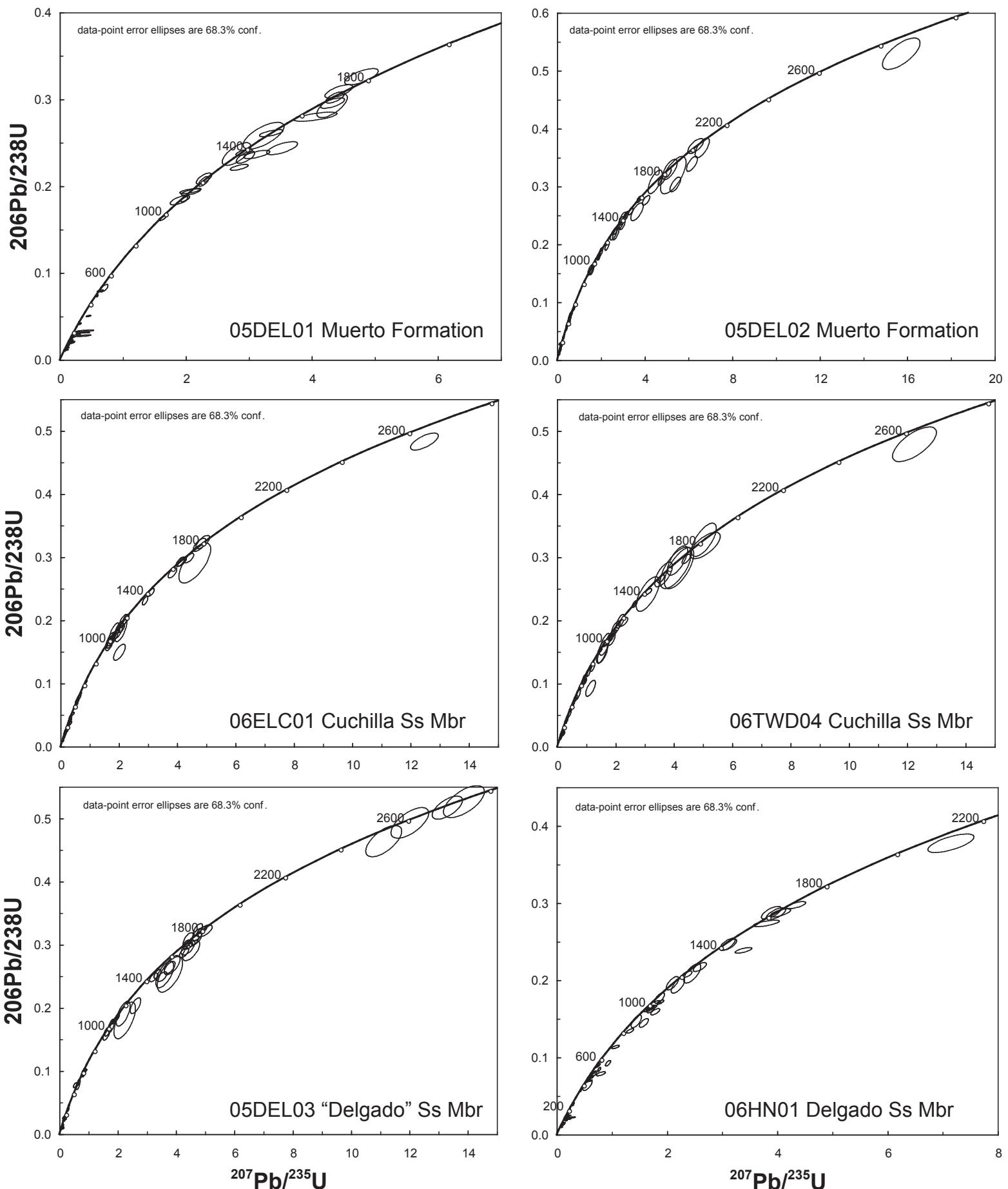


Lawton et al.  
Figure DR-1B

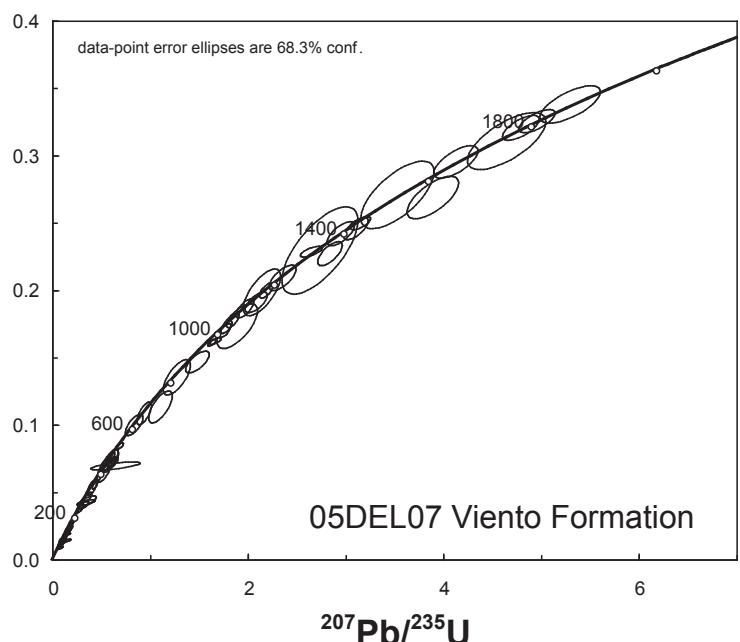
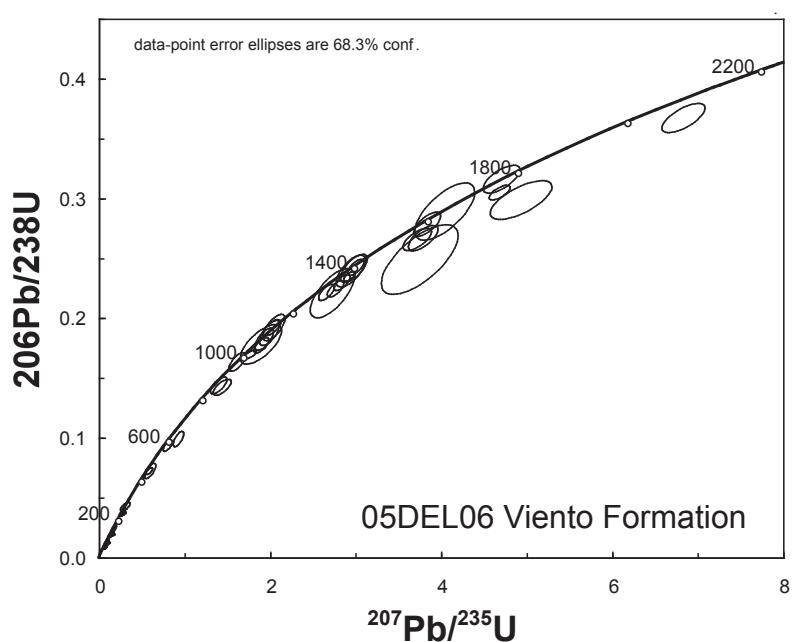
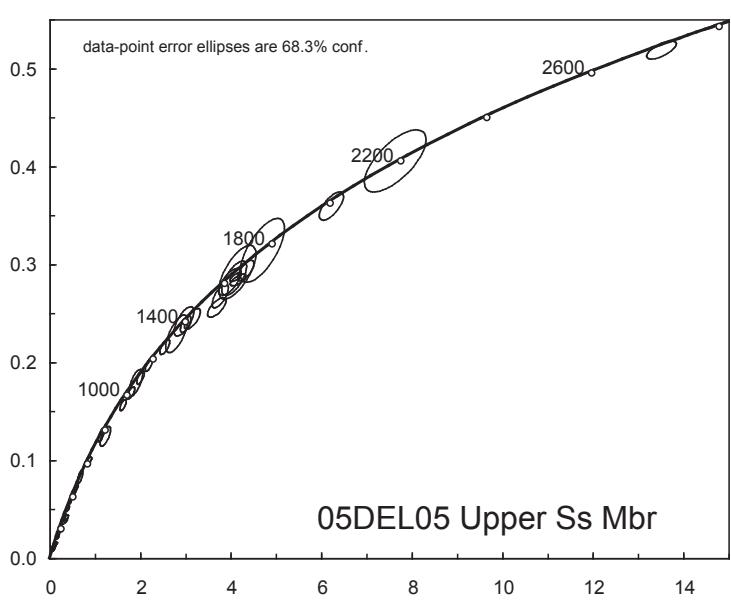
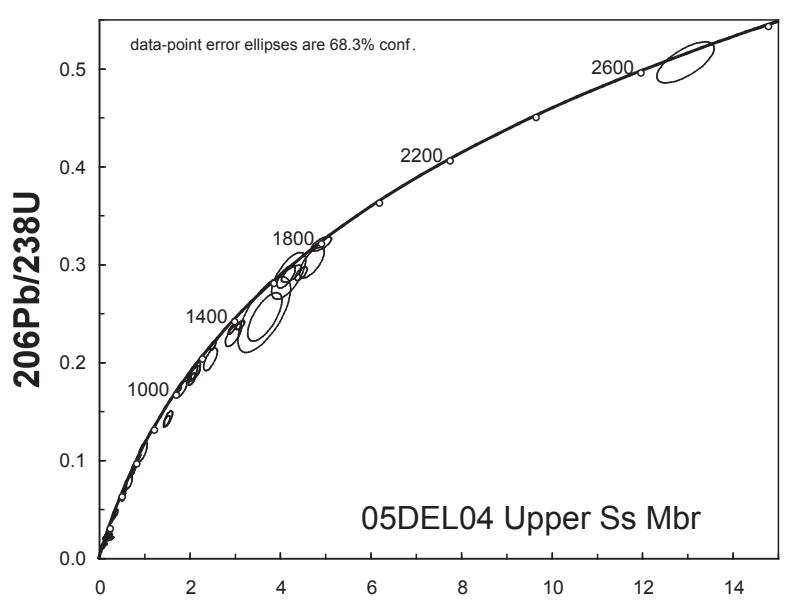
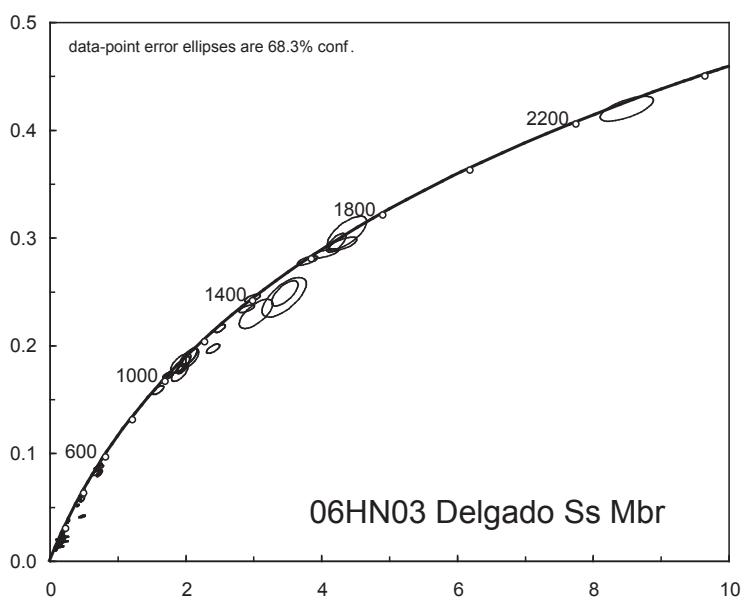
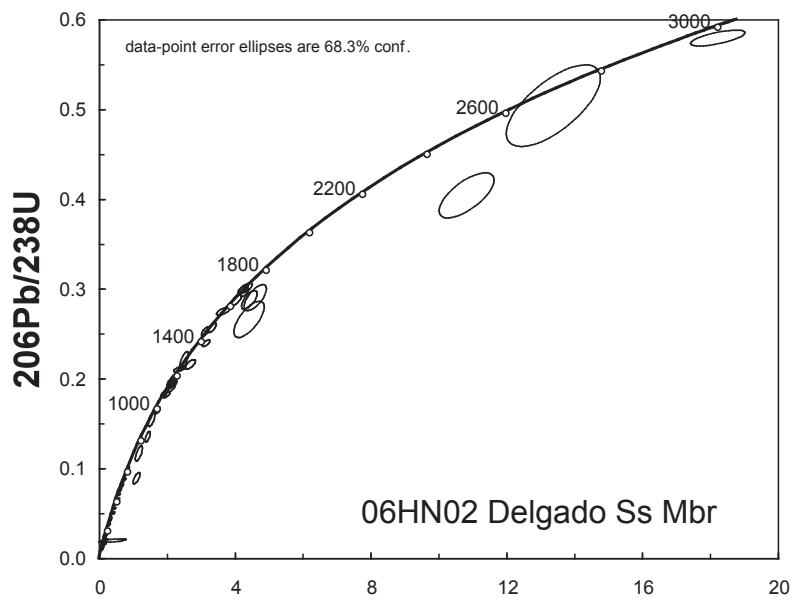


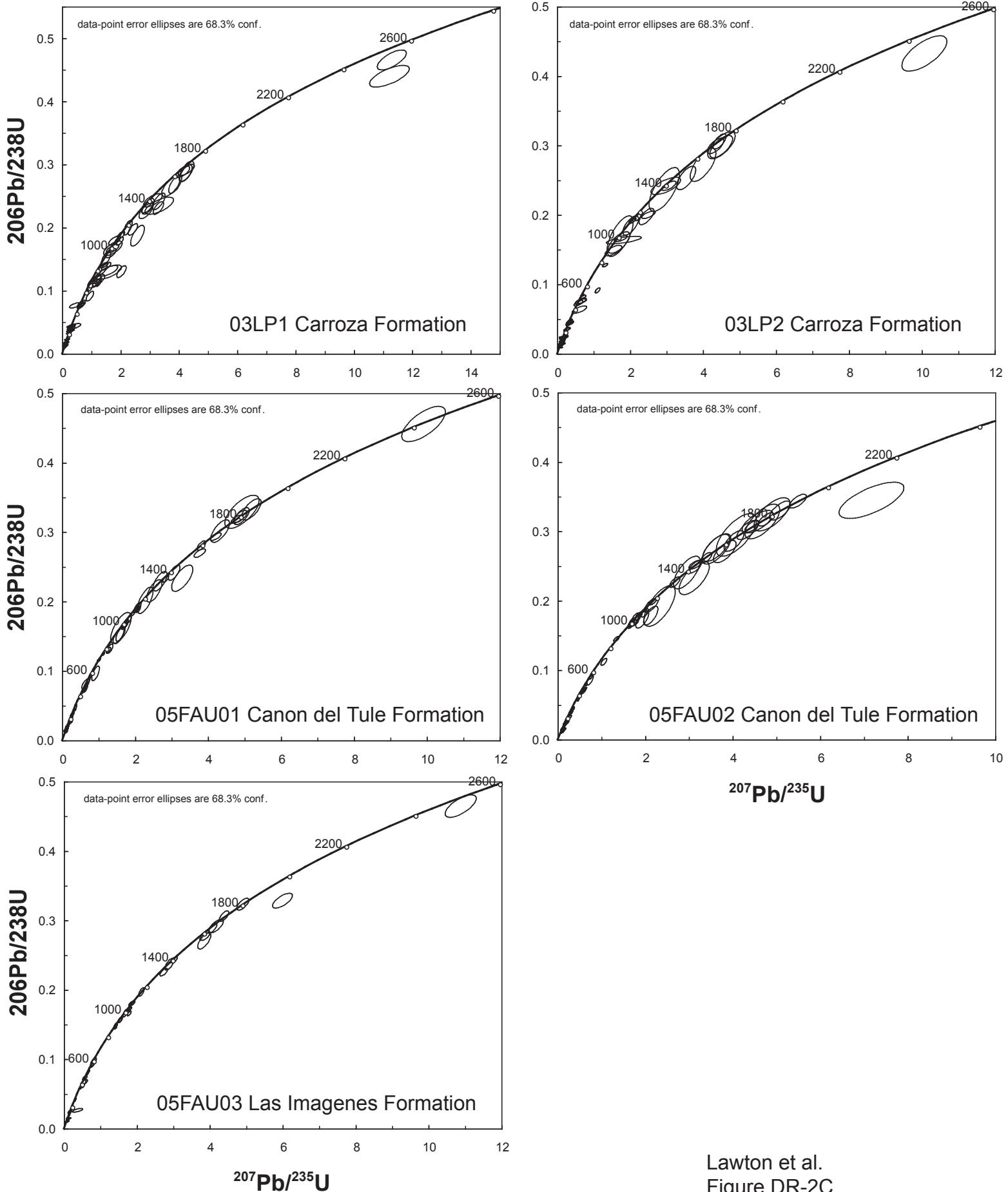


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Figure DR-1D



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Figure DR-2A





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Figure DR-2C

TABLE DR-1. GPS LOCATIONS\* OF DIFUNTA GROUP U-PB ZIRCON GEOCHRONOLOGY SAMPLES,  
PARRAS AND LA POPA BASINS

Sample Number	Formation	GPS Location	Elevation, m
05DEL01	Muerto Formation	14R 0318277 2870087	758
05DEL02	Muerto Formation	14R 0317979 2871195	774
05DEL03	"Delgado Sandstone Member" of Potrerillos Formation	14R 0318772 2873702	812
05D3EL04	Upper sandstone member of Potrerillos Formation	14R 0319081 2874610	833
05DEL05	Upper sandstone member of Potrerillos Formation	14R 0319194 2874783	829
05DEL06	Viento Formation	14R 0319649 2875285	833
05DEL07	Viento Formation	14R 0329718 2875789	837
03LP1	Carroza Formation	14R 0324316 2891396	~881
03LP2	Carroza Formation	14R 0322344 2893036	~982
06ELC01	Cuchilla Sandstone Tongue of Potrerillos Formation	14R 0308216 2893091	954
06TWD04	Cuchilla Sandstone Tongue of Potrerillos Formation	14R 0309071 2903672	976
06HN01	Delgado Ss Mbr of Potrerillos Fm, below K-P boundary layer	14R 0327604 2881861	954
06NH02	Delgado Ss Mbr of Potrerillos Fm, base of K-P boundary layer	14R 0327604 2881861	956
06NH03	Delgado Ss Mbr of Potrerillos Fm, above K-P boundary layer	14R 0327604 2881861	960
05FAU01	Upper sandstone member of Cañon del Tule Formation	14R 0280412 2869073	924
05FAU02	Upper sandstone member of Cañon del Tule Formation	14R 0295256 2827689	1501
05FAU03	Las Imagenes Formation	14R 0295266 2827639	1447

\*All GPS locations utilize NAD027 datum

TABLE DR-2. U-Pb (ZIRCON) GEOCHRONOLOGIC ANALYSES OF DIFUNTA GROUP SANDSTONES  
BY LASER-ABLATION MULTICOLLECTOR ICP MASS SPECTROMETRY

Analysis	Isotopic ratios								Apparent ages (Ma)							
	U (ppm)	206Pb 204Pb	U/Th	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)
Lower Part of Muerto Formation (05DEL01)																
05DEL01-55	184	4695	1.1	0.0830	7.0	0.0113	1.4	0.20	72.4	1.0	81.0	5.5	341.6	156.0	72.4	1.0
05DEL01-04	468	74730	1.9	0.0799	16.4	0.0114	5.4	0.33	73.1	3.9	78.0	12.3	231.2	359.6	73.1	3.9
05DEL01-54	555	7420	1.1	0.0881	3.7	0.0114	1.0	0.27	73.3	0.7	85.7	3.0	446.7	78.8	73.3	0.7
05DEL01-10	180	16915	2.1	0.0909	10.4	0.0119	1.4	0.14	76.0	1.1	88.3	8.8	434.1	229.6	76.0	1.1
05DEL01-31	264	8995	1.5	0.0923	4.0	0.0119	1.9	0.47	76.5	1.4	89.7	3.4	456.7	78.0	76.5	1.4
05DEL01-68	301	5495	1.1	0.1004	16.6	0.0120	1.6	0.10	76.6	1.2	97.2	15.4	637.4	357.8	76.6	1.2
05DEL01-33	132	4490	2.9	0.0991	8.4	0.0120	1.8	0.21	77.0	1.4	95.9	7.7	597.0	178.7	77.0	1.4
05DEL01-80	609	9050	2.4	0.0941	9.0	0.0121	1.1	0.12	77.5	0.8	91.3	7.8	469.5	197.5	77.5	0.8
05DEL01-61	974	20040	1.9	0.0832	4.0	0.0122	1.0	0.25	77.9	0.8	81.1	3.1	176.8	90.8	77.9	0.8
05DEL01-05	637	18515	2.5	0.0830	5.0	0.0124	2.1	0.41	79.4	1.6	81.0	3.9	127.3	107.0	79.4	1.6
05DEL01-12	356	20185	1.4	0.0842	2.7	0.0125	1.5	0.56	80.4	1.2	82.1	2.1	131.5	52.4	80.4	1.2
05DEL01-32	397	15885	4.1	0.0946	5.0	0.0131	1.5	0.29	84.1	1.2	91.8	4.4	295.9	110.2	84.1	1.2
05DEL01-03	657	47620	1.4	0.0903	6.7	0.0138	1.2	0.19	88.6	1.1	87.8	5.6	65.5	156.9	88.6	1.1
05DEL01-11	853	43550	2.6	0.0966	2.7	0.0142	1.0	0.37	90.6	0.9	93.6	2.4	170.6	58.7	90.6	0.9
05DEL01-65	710	8735	2.2	0.1082	6.2	0.0142	1.0	0.16	90.7	0.9	104.3	6.1	426.7	135.8	90.7	0.9
05DEL01-84	664	16310	3.5	0.1004	3.3	0.0144	1.2	0.35	91.9	1.0	97.1	3.1	228.6	71.4	91.9	1.0
05DEL01-15	88	3700	0.9	0.1192	12.9	0.0144	1.0	0.08	92.2	0.9	114.3	13.9	604.3	279.2	92.2	0.9
05DEL01-39	196	6075	1.8	0.1210	5.8	0.0151	2.1	0.36	96.6	2.0	116.0	6.4	535.3	118.4	96.6	2.0
05DEL01-26	618	25660	1.9	0.1064	4.0	0.0151	2.5	0.62	96.7	2.4	102.7	3.9	244.2	71.6	96.7	2.4
05DEL01-43	280	5590	2.2	0.1175	6.9	0.0152	1.0	0.14	97.3	1.0	112.8	7.4	453.5	152.5	97.3	1.0
05DEL01-48	231	13275	1.7	0.1094	5.1	0.0153	1.9	0.38	97.6	1.9	105.4	5.1	285.4	106.8	97.6	1.9
05DEL01-52	503	11315	1.5	0.1169	6.5	0.0154	1.4	0.22	98.7	1.4	112.3	6.9	409.6	141.2	98.7	1.4
05DEL01-42	834	24035	2.5	0.1072	4.9	0.0155	1.0	0.20	99.4	1.0	103.4	4.9	196.4	112.6	99.4	1.0
05DEL01-46	98	3700	1.4	0.1238	6.5	0.0169	1.0	0.15	107.9	1.1	118.6	7.3	338.8	146.7	107.9	1.1
05DEL01-81	218	5490	1.2	0.1193	4.5	0.0169	1.2	0.26	108.2	1.3	114.5	4.9	246.2	100.7	108.2	1.3
05DEL01-75	186	7800	2.3	0.1351	5.8	0.0176	1.0	0.17	112.5	1.1	128.6	7.0	438.8	127.2	112.5	1.1
05DEL01-76	752	18715	1.5	0.1222	3.9	0.0179	1.7	0.43	114.3	1.9	117.1	4.3	174.6	82.4	114.3	1.9
05DEL01-71	106	5225	2.1	0.1632	5.4	0.0204	2.6	0.47	129.9	3.3	153.5	7.7	535.4	104.6	129.9	3.3
05DEL01-23	118	3885	2.1	0.1885	14.5	0.0205	4.0	0.27	130.5	5.1	175.4	23.3	832.7	291.7	130.5	3.1
05DEL01-35	285	12260	1.3	0.1479	5.9	0.0207	1.1	0.18	131.8	1.4	140.0	7.7	281.8	133.5	131.8	1.4
05DEL01-37	98	5050	2.4	0.1726	12.1	0.0207	2.1	0.18	132.1	2.8	161.6	18.1	620.2	257.9	132.1	2.8
05DEL01-50	563	17895	5.9	0.1705	10.4	0.0210	1.7	0.17	134.0	2.3	159.9	15.4	561.8	224.2	134.0	2.3
05DEL01-19	254	8430	2.8	0.1701	13.7	0.0211	1.0	0.07	134.7	1.3	159.5	20.2	546.5	299.8	134.7	1.3
05DEL01-08	128	14980	1.3	0.1487	5.7	0.0221	1.3	0.22	141.0	1.8	140.8	7.5	136.2	131.1	141.0	1.8
05DEL01-51	294	5360	1.9	0.1759	10.9	0.0226	2.2	0.21	144.1	3.2	164.6	16.6	469.4	237.3	144.1	3.2
05DEL01-20	137	9360	2.0	0.1751	6.3	0.0231	2.2	0.35	147.2	3.2	163.8	9.6	411.4	132.2	147.2	3.2
05DEL01-47	852	36485	1.2	0.1619	4.3	0.0240	1.0	0.24	153.2	1.6	152.4	6.0	140.3	96.8	153.2	1.6
05DEL01-66	188	8250	0.9	0.1820	6.6	0.0255	1.0	0.15	162.4	1.6	169.8	10.3	272.8	148.9	162.4	1.6
05DEL01-07	537	48280	4.6	0.1811	3.0	0.0260	1.0	0.34	165.2	1.6	169.0	4.6	222.8	64.8	165.2	1.6
05DEL01-58	609	22930	0.5	0.1791	5.5	0.0262	1.0	0.18	166.4	1.6	167.3	8.5	180.0	126.4	166.4	1.6
05DEL01-49	1017	45845	2.6	0.1827	3.2	0.0263	1.1	0.36	167.4	1.9	170.3	4.9	211.9	68.1	167.4	1.9
05DEL01-09	411	18760	2.2	0.2039	3.9	0.0269	2.1	0.54	171.4	3.6	188.4	6.7	408.0	73.2	171.4	3.6
05DEL01-85	290	4755	1.4	0.2411	9.8	0.0282	3.3	0.34	179.3	5.8	219.3	19.4	673.9	198.0	179.3	5.8
05DEL01-41	186	12995	1.4	0.2037	4.5	0.0282	1.2	0.26	179.4	2.1	188.3	7.7	301.8	98.9	179.4	2.1
05DEL01-17	176	1910	0.8	0.3784	18.5	0.0283	2.0	0.11	179.8	3.5	325.9	51.5	1567.9	347.0	179.8	3.5
05DEL01-01	465	129365	1.0	0.1931	3.5	0.0285	1.0	0.28	180.9	1.8	179.3	5.8	158.4	79.4	180.9	1.8
05DEL01-06	361	82990	3.8	0.1992	3.0	0.0287	1.0	0.34	182.6	1.8	184.5	5.0	208.5	64.8	182.6	1.8
05DEL01-79	154	2425	2.3	0.2896	6.9	0.0290	3.0	0.43	184.3	5.4	258.2	15.8	997.3	127.4	184.3	5.4
05DEL01-27	1162	55045	0.1	0.2324	9.5	0.0306	1.0	0.11	194.3	1.9	212.2	18.1	415.7	210.7	194.3	1.9
05DEL01-36	102	7580	1.2	0.2369	6.9	0.0312	1.0	0.14	197.9	1.9	215.9	13.4	417.4	153.0	197.9	1.9
05DEL01-53	271	2625	0.9	0.3612	19.1	0.0317	1.0	0.05	201.1	2.0	313.1	51.5	1261.2	375.7	201.1	2.0
05DEL01-78	64	2055	0.6	0.3937	22.7	0.0338	1.7	0.08	214.5	3.7	337.1	65.3	1301.7	446.3	214.5	3.7
05DEL01-13	3041	249965	86.6	0.3124	4.1	0.0420	1.5	0.36	265.2	3.8	276.0	9.8	368.4	85.6	265.2	3.8
05DEL01-74	137	2615	1.0	0.4484	5.5	0.0509	1.0	0.18	320.1	3.1	376.2	17.3	737.6	114.9	320.1	3.1
05DEL01-21	225	38750	1.9	0.5856	1.9	0.0741	1.0	0.53	460.9	4.4	468.0	7.1	503.2	35.0	460.9	4.4
05DEL01-69	251	20040	1.3	0.6361	4.8	0.0799	1.0	0.21	495.2	4.8	499.9	18.8	521.1	102.1	495.2	4.8
05DEL01-44	254	35145	5.0	0.6971	5.8	0.0830	3.5	0.60	513.8	17.1	537.1	24.2	637.1	100.4	513.8	17.1
05DEL01-62	63	19055	5.1	1.6217	2.2	0.1634	1.0	0.46	975.7	9.1	978.6	13.6	985.2	39.2	985.2	39.2
05DEL01-34	19	8355	3.1	1.8994	5.3	0.1844	1.9	0.36	1090.7	19.4	1080.9	35.5	1061.1	100.0	1061.1	100.0
05DEL01-14	363	159105	1.5	2.0665	5.3	0.1950	1.0	0.19	1148.4	10.5	1137.8	36.5	1117.5	104.4	1117.5	104.4
05DEL01-56	175	66975	3.6	1.9703	1.9	0.1854	1.0	0.53	1096.3	10.1	1105.4	12.7	1123.4	31.9	1123.4	31.9
05DEL01-82	96	18760	0.8	2.0740	4.8	0.1937	1.2	0.26	1141.3	13.0	1140.3	33.1	1138.3	93.0	1138.3	93.0
05DEL01-72	633	166595	3.8	2.2815	3.5	0.2091	2.0	0.57	1224.0	22.4	1206.6	25.0	1175.4			

Upper Part of Muerto Formation (05DEL02)

05DEL02-85	593	657	1.7	0.06292	8.8	0.01048	2.7	0.31	67.2	1.8	62.0	5.3	-136.6	206.4	67.2	1.8
05DEL02-94	269	467	2.0	0.06746	29.0	0.01049	5.5	0.19	67.2	3.7	66.3	18.6	31.9	693.7	67.2	3.7
05DEL02-44	501	557	1.5	0.06624	10.1	0.01091	4.5	0.44	69.9	3.1	65.1	6.4	-108.3	223.2	69.9	3.1
05DEL02-57	253	402	1.9	0.06530	12.0	0.01101	5.4	0.45	70.6	3.8	64.2	7.5	-166.1	266.2	70.6	3.8
05DEL02-79	397	529	1.8	0.06785	12.7	0.01114	8.8	0.69	71.4	6.2	66.7	8.2	-101.0	226.5	71.4	6.2
05DEL02-2	281	693	1.5	0.06822	10.4	0.01117	6.0	0.58	71.6	4.3	67.0	6.7	-93.6	208.2	71.6	4.3
05DEL02-34	349	567	1.6	0.06595	12.9	0.01123	3.5	0.27	72.0	2.5	64.8	8.1	-191.0	312.5	72.0	2.5
05DEL02-69	1489	1878	1.7	0.07229	4.3	0.01138	1.8	0.43	72.9	1.3	70.9	2.9	1.4	93.5	72.9	1.3
05DEL02-98	639	653	2.2	0.06961	18.7	0.01180	3.1	0.17	75.6	2.4	68.3	12.4	-180.8	464.3	75.6	2.4
05DEL02-39	249	423	1.9	0.06278	24.6	0.01211	3.9	0.16	77.6	3.0	61.8	14.8	-514.5	656.1	77.6	3.0
05DEL02-88	659	1018	2.4	0.07629	9.1	0.01238	3.6	0.40	79.3	2.8	74.7	6.5	-72.5	203.6	79.3	2.8
05DEL02-40	234	296	1.2	0.06234	27.8	0.01238	3.8	0.14	79.3	3.0	61.4	16.6	-592.4	758.6	79.3	3.0
05DEL02-93	402	795	2.7	0.07708	10.3	0.01261	3.8	0.37	80.8	3.1	75.4	7.5	-93.0	236.2	80.8	3.1
05DEL02-1	538	1338	1.5	0.07967	8.0	0.01271	6.3	0.78	81.4	5.1	77.8	6.0	-30.9	122.3	81.4	5.1
05DEL02-59	306	517	1.4	0.07825	9.9	0.01274	5.1	0.52	81.6	4.1	76.5	7.3	-80.8	207.3	81.6	4.1
05DEL02-100	507	1126	2.4	0.08185	7.7	0.01321	3.2	0.42	84.6	2.7	79.9	5.9	-58.8	170.7	84.6	2.7
05DEL02-68	960	1524	1.4	0.08667	6.5	0.01354	4.2	0.64	86.7	3.6	84.4	5.3	18.9	119.6	86.7	3.6
05DEL02-78	402	784	2.6	0.08827	7.4	0.01439	1.7	0.23	92.1	1.5	85.9	6.1	-82.9	177.4	92.1	1.5
05DEL02-71	719	1542	1.2	0.09357	5.1	0.01448	2.7	0.52	92.7	2.5	90.8	4.5	-42.0	105.0	92.7	2.5
05DEL02-82	236	524	1.6	0.08599	18.4	0.01526	3.8	0.21	97.6	3.7	83.8	14.8	-295.3	461.5	97.6	3.7
05DEL02-50	396	909	1.2	0.09698	7.2	0.01550	2.2	0.31	99.2	2.2	94.0	6.4	-35.2	165.6	99.2	2.2
05DEL02-84	292	972	2.5	0.10583	8.3	0.01618	4.4	0.53	103.5	4.5	102.1	8.0	71.3	166.9	103.5	4.5
05DEL02-4	564	3225	1.2	0.13308	11.8	0.01835	9.3	0.79	117.2	10.8	126.9	14.1	311.4	165.7	117.2	10.8
05DEL02-24	761	713	1.8	0.11387	14.1	0.01896	6.3	0.44	121.1	7.5	109.5	14.7	-135.7	315.0	121.1	7.5
05DEL02-81	130	256	2.1	0.11080	16.1	0.01909	3.4	0.21	121.9	4.2	106.7	16.3	-221.3	397.2	121.9	4.2
05DEL02-27	305	772	1.5	0.11840	10.4	0.01944	4.0	0.38	124.1	4.9	113.6	11.1	-100.5	235.6	124.1	4.9
05DEL02-28	752	1166	1.6	0.12655	4.3	0.01959	2.4	0.55	125.1	2.9	121.0	4.9	41.5	85.9	125.1	2.9
05DEL02-80	136	298	2.1	0.10938	20.7	0.01963	3.9	0.19	125.3	4.9	105.4	20.8	-324.2	527.2	125.3	4.9
05DEL02-83	241	894	1.8	0.12191	13.8	0.01971	6.8	0.49	125.8	8.4	116.8	15.3	-63.0	295.1	125.8	8.4
05DEL02-41	381	983	1.1	0.12883	6.0	0.02013	3.5	0.58	128.5	4.5	123.0	7.0	19.7	118.3	128.5	4.5
05DEL02-62	139	525	1.5	0.11635	19.2	0.02040	9.1	0.48	130.2	11.7	111.8	20.3	-265.6	430.6	130.2	11.7
05DEL02-90	274	833	1.5	0.13545	6.7	0.02126	3.6	0.54	135.6	4.8	129.0	8.1	8.8	134.8	135.6	4.8
05DEL02-13	413	1027	1.9	0.13810	6.3	0.02147	2.9	0.46	136.9	4.0	131.4	7.7	31.3	133.4	136.9	4.0
05DEL02-60	184	544	0.7	0.13142	15.5	0.02234	4.2	0.27	142.4	5.9	125.4	18.2	-187.0	373.9	142.4	5.9
05DEL02-70	146	576	2.0	0.13589	12.6	0.02276	3.9	0.31	145.0	5.6	129.4	15.4	-149.7	298.9	145.0	5.6
05DEL02-16	301	578	3.4	0.14422	10.2	0.02344	4.0	0.39	149.3	5.9	136.8	13.0	-75.8	229.8	149.3	5.9
05DEL02-64	787	2057	1.2	0.15975	4.2	0.02400	3.3	0.80	152.9	5.0	150.5	5.8	112.8	58.5	152.9	5.0
05DEL02-96	250	974	2.1	0.15762	8.2	0.02482	3.1	0.38	158.0	4.9	148.6	11.3	0.7	182.7	158.0	4.9
05DEL02-89	618	2660	2.1	0.16844	3.5	0.02508	1.5	0.43	159.7	2.3	158.1	5.1	133.6	73.6	159.7	2.3
05DEL02-51	439	1130	1.5	0.16947	4.6	0.02549	2.9	0.62	162.2	4.6	159.0	6.8	110.2	85.2	162.2	4.6
05DEL02-9	280	1470	0.8	0.18146	6.0	0.02618	3.7	0.62	166.6	6.2	169.3	9.4	207.6	109.5	166.6	6.2
05DEL02-7	264	1692	2.8	0.18289	9.5	0.02653	7.0	0.74	168.8	11.7	170.5	15.0	194.8	149.9	168.8	11.7
05DEL02-8	270	1188	1.3	0.18081	7.4	0.02716	5.9	0.80	172.8	10.0	168.8	11.5	113.0	104.7	172.8	10.0
05DEL02-76	925	2607	6.2	0.18481	3.9	0.02726	3.3	0.84	173.4	5.6	172.2	6.2	156.2	48.8	173.4	5.6
05DEL02-5	388	289	1.7	0.14007	35.8	0.02951	4.6	0.13	187.5	8.5	133.1	44.6	-755.0	1022.2	187.5	8.5
05DEL02-15	192	905	1.5	0.25286	7.3	0.03813	3.7	0.50	241.2	8.7	228.9	15.0	104.1	149.8	241.2	8.7
05DEL02-43	451	2385	1.5	0.26825	4.0	0.03889	3.1	0.77	246.0	7.4	241.3	8.6	196.1	59.8	246.0	7.4
05DEL02-10	101	811	2.1	0.26736	8.1	0.03910	3.6	0.45	247.2	8.8	240.6	17.3	176.0	168.4	247.2	8.8
05DEL02-36	658	2771	2.0	0.28007	2.8	0.04025	1.2	0.44	254.4	3.1	250.7	6.3	216.3	58.6	254.4	3.1
05DEL02-38	210	703	1.1	0.26685	8.2	0.04072	2.8	0.34	257.3	7.1	240.2	17.5	76.1	182.4	257.3	7.1
05DEL02-30	410	2046	1.9	0.31983	2.8	0.04506	1.3	0.46	284.1	3.5	281.8	6.8	262.4	56.7	284.1	3.5
05DEL02-67	566	3784	1.2	0.40715	4.3	0.05516	3.8	0.87	346.2	12.7	346.8	12.7	351.3	47.8	346.2	12.7
05DEL02-52	223	1618	1.1	0.42274	4.2	0.05809	2.1	0.49	364.0	7.3	358.0	12.8	319.2	84.0	364.0	7.3
05DEL02-48	433	1533	2.7	0.44878	9.5	0.06201	5.1	0.53	387.9	19.1	376.4	29.9	306.7	183.5	387.9	19.1
05DEL02-87	67	746	1.8	0.50952	5.9	0.06895	3.4	0.57	429.8	14.2	418.1	20.4	354.1	110.3	429.8	14.2
05DEL02-92	153	1686	1.3	0.53894	9.6	0.07110	8.6	0.89	442.8	36.6	437.7	34.1	411.2	96.8	442.8	36.6
05DEL02-55	383	3319	1.7	0.54968	3.7	0.07181	3.1	0.85	447.1	13.5	444.8	13.3	432.9	43.9	447.1	13.5
05DEL02-19	394	2061	2.1	0.56546	5.8	0.07442	4.2	0.73	462.7	18.8	455.1	21.2	416.6	88.2	462.7	18.8
05DEL02-31	946	1416	1.2	0.56887	7.5	0.07657	5.7	0.76	475.6	26.0	457.3	27.6	366.1	110.6	475.6	26.0
05DEL02-63	529	4647	1.1	0.62403	3.5	0.07975	1.9	0.56	494.6	9.3	492.4	13.6	481.8	64.1	494.6	9.3
05DEL02-20	265	2737	1.7	0.65976	3.3	0.08392	2.5	0.74	519.5	12.3	514.5	13.5	492.3	49.5	519.5	12.3
05DEL02-56	408	5012	4.1	0.74541	2.7	0.09157	2.1	0.80	564.8	11.5	565.6	11.6	568.5	35.2	564.8	11.5
05DEL02-12	338	4936	3.0	0.76541	4.1	0.09245	3.7	0.88	570.0	19.9	577.1	18.2	605.3	41.8	570.0	19.9
05DEL02-95	89	2313	1.7	1.55910	3.7	0.15508	2.8	0.77	929.4	24.6	954.1	22.9	1011.6	47.8	929.4	24.6
05DEL02-6	46	1293	0.7	1.50014	4.9	0.15663	3.7	0.74	938.0	32.0	930.4	30.1	912.5	68.1	938.0	32.0
05DEL02-14	208	4088	0.8	1.69223	2.4	0.16647	2.0	0.82	992.7	18.4	1005.6	15.5	1033.9	27.9	1033.9	27.9
05DEL02-18	332	6997	2.0	1.86805	1.7	0.18103	1.4	0.79	1072.6	13.6	1069.8					

05DEL02-73	317	12248	1.3	4.75412	2.1	0.31148	1.8	0.87	1748.0	28.1	1776.8	17.7	1810.9	18.7	1810.9	18.7
05DEL02-42	76	3048	0.9	5.04425	1.9	0.32452	1.6	0.84	1811.8	25.9	1826.8	16.5	1843.9	18.8	1843.9	18.8
05DEL02-3	577	25737	1.9	5.13245	4.3	0.33018	3.5	0.81	1839.2	55.9	1841.5	36.6	1844.0	45.6	1844.0	45.6
05DEL02-33	275	5993	1.2	5.28524	7.3	0.32039	6.6	0.91	1791.6	104.0	1866.5	62.4	1950.9	54.0	1950.9	54.0
05DEL02-53	46	901	0.8	6.31180	3.7	0.37068	2.3	0.61	2032.6	39.8	2020.1	32.7	2007.3	52.4	2007.3	52.4
05DEL02-54	417	14358	2.0	5.37968	2.9	0.30435	2.7	0.93	1712.9	41.1	1881.6	25.2	2073.4	19.4	2073.4	19.4
05DEL02-46	262	6762	2.3	6.60673	3.2	0.36754	3.1	0.95	2017.8	53.3	2060.2	28.6	2103.0	17.8	2103.0	17.8
05DEL02-72	203	8889	1.7	6.14378	2.7	0.33990	2.5	0.93	1886.2	41.1	1996.5	23.6	2112.7	17.8	2112.7	17.8
05DEL02-47	189	10145	0.8	15.70686	3.6	0.53008	3.4	0.93	2741.8	75.2	2859.1	34.4	2942.9	20.9	2942.9	20.9

Cuchilla Sandstone Member of Potrerillos Formation (06ELC01)

06ELC01-6	282	695	1.0	0.07485	15.3	0.00985	8.9	0.58	63.2	5.6	73.3	10.8	417.6	278.3	63.2	5.6
06ELC01-64	531	1667	2.0	0.08309	7.8	0.01242	2.5	0.32	79.6	2.0	81.0	6.1	123.9	175.0	79.6	2.0
06ELC01-100	622	2493	1.0	0.08474	6.2	0.01268	4.5	0.72	81.2	3.6	82.6	5.0	121.7	102.1	81.2	3.6
06ELC01-65	329	976	1.2	0.08050	8.4	0.01287	5.6	0.67	82.5	4.6	78.6	6.4	-36.5	151.8	82.5	4.6
06ELC01-45	812	2394	1.9	0.08896	5.9	0.01303	4.2	0.71	83.4	3.5	86.5	4.9	173.2	97.8	83.4	3.5
06ELC01-44	706	2630	1.4	0.08641	6.7	0.01333	5.3	0.79	85.4	4.5	84.1	5.4	50.0	98.4	85.4	4.5
06ELC01-46	433	788	1.9	0.08805	7.4	0.01422	2.7	0.36	91.0	2.4	85.7	6.1	-60.3	168.4	91.0	2.4
06ELC01-84	323	1396	1.3	0.09966	7.8	0.01454	3.4	0.44	93.1	3.2	96.5	7.2	181.3	162.8	93.1	3.2
06ELC01-43	364	1771	1.2	0.09714	5.4	0.01458	2.7	0.49	93.3	2.5	94.1	4.9	114.4	112.1	93.3	2.5
06ELC01-60	322	706	1.0	0.10003	17.6	0.01462	6.7	0.38	93.6	6.2	96.8	16.3	177.4	381.9	93.6	6.2
06ELC01-98	236	1317	1.1	0.09513	11.5	0.01478	7.0	0.61	94.6	6.6	92.3	10.1	33.2	217.8	94.6	6.6
06ELC01-26	199	925	1.4	0.10157	12.4	0.01484	5.5	0.45	95.0	5.2	98.2	11.6	178.4	258.3	95.0	5.2
06ELC01-35	142	705	1.7	0.10238	17.5	0.01513	6.7	0.39	96.8	6.5	99.0	16.5	151.3	379.6	96.8	6.5
06ELC01-22	91	876	1.6	0.10877	12.9	0.01531	6.4	0.50	97.9	6.2	104.8	12.8	264.4	256.5	97.9	6.2
06ELC01-79	293	1987	1.6	0.10317	6.0	0.01536	3.4	0.56	98.3	3.3	99.7	5.7	133.4	115.7	98.3	3.3
06ELC01-39	748	1512	1.3	0.10876	5.3	0.01578	3.0	0.57	101.0	3.0	104.8	5.3	193.8	100.8	101.0	3.0
06ELC01-56	130	779	1.2	0.10121	13.0	0.01634	4.9	0.37	104.5	5.0	97.9	12.1	-60.0	295.1	104.5	5.0
06ELC01-62	236	1349	1.1	0.11442	11.3	0.01685	3.8	0.34	107.7	4.1	110.0	11.8	159.8	250.3	107.7	4.1
06ELC01-66	586	2137	1.3	0.11965	3.9	0.01792	3.5	0.89	114.5	4.0	114.8	4.3	119.7	41.2	114.5	4.0
06ELC01-67	330	1404	1.2	0.12446	5.0	0.01836	2.7	0.55	117.3	3.2	119.1	5.6	155.3	97.2	117.3	3.2
06ELC01-88	365	1668	1.7	0.13744	8.7	0.01851	5.8	0.67	118.3	6.8	130.8	10.7	364.5	146.3	118.3	6.8
06ELC01-16A	264	1500	0.7	0.13123	13.6	0.01943	9.4	0.69	124.0	11.5	125.2	16.0	147.5	230.5	124.0	11.5
06ELC01-2	414	2464	1.2	0.13361	3.7	0.01951	2.4	0.65	124.5	3.0	127.3	4.4	179.9	65.6	124.5	3.0
06ELC01-92	126	1103	1.7	0.12821	12.6	0.01965	8.9	0.70	125.4	11.0	122.5	14.6	65.9	214.7	125.4	11.0
06ELC01-15	298	1551	0.9	0.13472	5.6	0.01979	3.2	0.58	126.3	4.1	128.3	6.7	165.7	106.7	126.3	4.1
06ELC01-38	211	907	1.3	0.13196	10.2	0.01989	7.6	0.74	126.9	9.6	125.9	12.1	105.7	162.2	126.9	9.6
06ELC01-3	199	1232	1.0	0.13391	10.9	0.01997	8.4	0.76	127.5	10.6	127.6	13.1	129.9	166.3	127.5	10.6
06ELC01-96	222	1725	1.1	0.14391	7.9	0.02013	4.5	0.57	128.5	5.7	136.5	10.0	278.5	148.5	128.5	5.7
06ELC01-69	340	1941	0.7	0.14008	4.3	0.02030	2.3	0.54	129.6	3.0	133.1	5.3	197.1	83.2	129.6	3.0
06ELC01-30	802	3077	1.9	0.13593	3.1	0.02036	1.7	0.54	129.9	2.1	129.4	3.7	120.2	60.7	129.9	2.1
06ELC01-59	435	2175	1.3	0.14223	4.4	0.02037	3.0	0.69	130.0	3.9	135.0	5.6	224.4	74.5	130.0	3.9
06ELC01-50	156	963	1.3	0.12841	10.2	0.02050	6.3	0.62	130.8	8.2	122.7	11.7	-32.8	193.6	130.8	8.2
06ELC01-70	924	4425	0.7	0.14095	2.9	0.02073	2.1	0.73	132.3	2.8	133.9	3.7	163.0	46.4	132.3	2.8
06ELC01-49	295	1812	1.0	0.14100	5.6	0.02084	2.7	0.49	133.0	3.6	133.9	7.0	151.2	114.7	133.0	3.6
06ELC01-19	282	1757	1.5	0.15129	15.0	0.02099	4.8	0.32	133.9	6.4	143.1	20.1	297.1	326.4	133.9	6.4
06ELC01-68	243	1240	0.9	0.13812	8.3	0.02127	4.5	0.55	135.7	6.1	131.4	10.2	53.9	165.9	135.7	6.1
06ELC01-32	124	616	1.1	0.13185	16.8	0.02142	5.7	0.34	136.6	7.7	125.8	19.8	-75.4	387.3	136.6	7.7
06ELC01-99	83	501	0.3	0.13322	19.4	0.02176	6.0	0.31	138.8	8.3	127.0	23.2	-88.5	455.5	138.8	8.3
06ELC01-89	303	1780	1.2	0.15412	4.6	0.02185	2.9	0.64	139.4	4.1	145.5	6.2	247.5	81.0	139.4	4.1
06ELC01-91	180	1532	1.5	0.15917	9.0	0.02193	5.3	0.59	139.9	7.3	150.0	12.6	312.8	166.1	139.9	7.3
06ELC01-61	181	869	1.0	0.13654	10.2	0.02219	3.3	0.33	141.5	4.6	130.0	12.4	-76.0	235.6	141.5	4.6
06ELC01-85	99	833	1.6	0.16108	13.2	0.02357	7.2	0.54	150.2	10.6	151.6	18.5	174.4	258.1	150.2	10.6
06ELC01-57	309	1428	1.7	0.16821	8.0	0.02443	2.8	0.35	155.6	4.2	157.9	11.7	192.4	174.1	155.6	4.2
06ELC01-36	570	2768	1.7	0.16184	4.4	0.02451	2.6	0.58	156.1	3.9	152.3	6.2	94.1	84.5	156.1	3.9
06ELC01-11	404	2046	2.3	0.17093	4.0	0.02452	2.9	0.73	156.1	4.5	160.2	5.9	221.1	62.6	156.1	4.5
06ELC01-90	347	3416	0.9	0.17412	7.3	0.02463	4.4	0.60	156.8	6.8	163.0	10.9	253.2	133.2	156.8	6.8
06ELC01-55	246	1048	1.5	0.19576	12.2	0.02514	4.3	0.35	160.0	6.8	181.5	20.3	471.3	253.7	160.0	6.8
06ELC01-75	455	3130	1.6	0.18009	4.0	0.02515	2.4	0.60	160.1	3.8	168.1	6.2	282.1	73.4	160.1	3.8
06ELC01-81	359	485	0.4	0.17913	12.9	0.02534	3.2	0.24	161.3	5.0	167.3	19.9	252.8	289.3	161.3	5.0
06ELC01-87	253	691	1.0	0.15837	13.5	0.02545	8.4	0.62	162.0	13.4	149.3	18.8	-48.8	259.4	162.0	13.4
06ELC01-33	111	784	2.1	0.18166	24.3	0.02556	8.3	0.34	162.7	13.3	169.5	38.0	265.4	531.7	162.7	13.3
06ELC01-9	577	3395	1.7	0.17606	4.3	0.02650	3.3	0.77	168.6	5.5	164.7	6.6	108.2	65.9	168.6	5.5
06ELC01-34	723	4195	3.8	0.20280	9.7	0.02796	8.8	0.91	177.8	15.5	187.5	16.5	311.6	89.0	177.8	15.5
06ELC01-25	548	5194	1.9	0.24297	9.1	0.03390	8.4	0.93	214.9	17.8	220.8	18.0	284.3	77.4	214.9	17.8
06ELC01-4	113	1071	1.1	0.30978	12.9	0.03765</td										

06ELC01-42	180	3141	1.6	1.70073	4.1	0.16852	3.2	0.80	1004.0	30.1	1008.8	26.0	1019.3	49.7	1019.3	49.7
06ELC01-78	391	20354	1.6	1.82380	6.6	0.17968	6.2	0.94	1065.2	60.7	1054.1	43.2	1031.0	46.2	1031.0	46.2
06ELC01-17	76	3295	1.1	1.67340	3.9	0.16439	3.2	0.83	981.1	29.3	998.5	24.7	1036.7	44.2	1036.7	44.2
06ELC01-83	651	29954	1.3	1.82897	3.0	0.17785	2.1	0.69	1055.2	20.3	1055.9	19.8	1057.3	43.7	1057.3	43.7
06ELC01-1	69	3930	1.1	1.77862	2.6	0.17205	1.7	0.65	1023.4	15.8	1037.7	16.7	1067.9	39.1	1067.9	39.1
06ELC01-71	164	8798	1.7	1.95816	2.1	0.18315	1.0	0.49	1084.2	10.0	1101.3	13.8	1135.2	35.7	1135.2	35.7
06ELC01-27	327	11964	0.7	1.98151	4.9	0.18500	4.6	0.93	1094.2	45.9	1109.2	33.1	1138.8	36.1	1138.8	36.1
06ELC01-24	214	10518	1.6	2.14015	4.4	0.19929	3.5	0.79	1171.5	37.5	1161.9	30.6	1144.0	53.8	1144.0	53.8
06ELC01-47	344	15447	1.2	2.22757	3.1	0.20260	2.5	0.80	1189.3	27.1	1189.8	22.0	1190.6	37.5	1190.6	37.5
06ELC01-6A	87	5008	1.7	2.07227	3.3	0.18727	2.1	0.64	1106.5	21.3	1139.7	22.4	1203.3	49.4	1203.3	49.4
06ELC01-80	110	3932	1.5	2.05150	6.5	0.18444	6.3	0.97	1091.2	63.5	1132.8	44.3	1213.5	28.8	1213.5	28.8
06ELC01-94	1576	39509	1.8	2.88582	2.2	0.23161	1.9	0.89	1342.9	23.4	1378.2	16.4	1433.3	19.1	1433.3	19.1
06ELC01-58	117	8245	1.2	3.09090	2.4	0.24488	1.6	0.69	1412.0	20.8	1430.4	18.2	1457.9	32.4	1457.9	32.4
06ELC01-63	2270	14035	13.2	2.00465	6.5	0.14996	5.6	0.87	900.7	47.3	1117.1	44.1	1566.3	61.1	1566.3	61.1
06ELC01-10	164	3784	0.9	3.82591	2.6	0.27557	1.9	0.75	1569.0	26.6	1598.2	20.6	1636.9	31.5	1636.9	31.5
06ELC01-53	223	14555	2.1	4.09445	2.3	0.29319	1.7	0.73	1657.5	24.7	1653.2	18.9	1647.8	29.2	1647.8	29.2
06ELC01-86	104	9234	1.4	4.15666	2.3	0.29369	1.6	0.69	1659.9	23.5	1665.5	19.1	1672.5	31.1	1672.5	31.1
06ELC01-28	504	22625	1.0	4.39599	2.4	0.29917	1.6	0.68	1687.2	24.0	1711.6	19.8	1741.5	32.3	1741.5	32.3
06ELC01-72	82	9157	1.2	4.75262	3.0	0.32016	2.1	0.72	1790.5	33.5	1776.6	25.0	1760.2	37.8	1760.2	37.8
06ELC01-76	355	37734	8.9	4.86519	3.1	0.32446	2.1	0.68	1811.5	33.8	1796.2	26.4	1778.6	41.6	1778.6	41.6
06ELC01-20	958	3324	7.7	4.58815	7.8	0.29130	7.2	0.92	1648.0	104.6	1747.1	65.4	1867.8	56.1	1867.8	56.1
06ELC01-51	154	13064	1.1	12.46358	2.5	0.48366	1.8	0.73	2543.2	38.7	2640.0	23.7	2715.0	28.4	2715.0	28.4

#### Cuchilla Sandstone Member of Potrerillos Formation (06TWDO4)

06TWDO4-9	926	2663	0.5	0.08126	5.5	0.01253	4.3	0.78	80.3	3.4	79.3	4.2	51.1	82.1	80.3	3.4
06TWDO4-2	266	1555	0.7	0.08388	11.8	0.01273	8.0	0.68	81.6	6.5	81.8	9.3	88.0	206.3	81.6	6.5
06TWDO4-39	732	1918	1.3	0.08594	5.9	0.01289	2.0	0.34	82.6	1.6	83.7	4.7	116.8	130.5	82.6	1.6
06TWDO4-70	397	1343	0.9	0.09310	10.5	0.01301	6.4	0.61	83.3	5.3	90.4	9.1	280.8	189.2	83.3	5.3
06TWDO4-75	462	331	1.4	0.08713	21.5	0.01363	4.1	0.19	87.3	3.6	84.8	17.5	16.2	512.5	87.3	3.6
06TWDO4-93	280	1360	1.4	0.10340	7.3	0.01386	4.0	0.55	88.7	3.5	99.9	7.0	376.3	137.8	88.7	3.5
06TWDO4-81	201	1275	1.0	0.09391	10.3	0.01389	7.9	0.77	89.0	7.0	91.1	9.0	148.8	154.7	89.0	7.0
06TWDO4-94	156	410	0.9	0.10736	12.5	0.01422	5.8	0.47	91.0	5.3	103.6	12.3	402.7	248.4	91.0	5.3
06TWDO4-92	716	2985	2.1	0.10178	5.2	0.01451	2.4	0.46	92.9	2.2	98.4	4.9	234.4	106.3	92.9	2.2
06TWDO4-8	349	1438	1.8	0.10234	7.4	0.01453	5.0	0.67	93.0	4.6	98.9	7.0	244.1	126.9	93.0	4.6
06TWDO4-11	149	713	1.0	0.10402	11.5	0.01483	6.5	0.57	94.9	6.2	100.5	11.0	234.8	217.5	94.9	6.2
06TWDO4-69	275	1307	1.0	0.10283	8.7	0.01483	4.8	0.55	94.9	4.5	99.4	8.3	207.6	169.8	94.9	4.5
06TWDO4-46	583	2647	2.2	0.10738	3.6	0.01497	2.3	0.63	95.8	2.2	103.6	3.6	285.8	64.3	95.8	2.2
06TWDO4-51	275	1070	0.8	0.11561	9.6	0.01548	6.2	0.64	99.0	6.1	111.1	10.1	377.6	166.5	99.0	6.1
06TWDO4-78	191	325	0.9	0.10762	13.5	0.01562	5.0	0.37	99.9	5.0	103.8	13.3	193.0	291.7	99.9	5.0
06TWDO4-63	212	412	1.0	0.09306	17.5	0.01575	6.6	0.38	100.7	6.6	90.3	15.1	-176.3	406.1	100.7	6.6
06TWDO4-31	280	1122	1.0	0.10902	13.3	0.01606	9.0	0.68	102.7	9.1	105.1	13.2	158.7	229.4	102.7	9.1
06TWDO4-86	212	1785	1.2	0.13035	7.2	0.01644	4.9	0.69	105.1	5.1	124.4	8.4	511.1	114.3	105.1	5.1
06TWDO4-49	492	1023	1.7	0.11314	6.1	0.01661	4.2	0.69	106.2	4.4	108.8	6.3	167.1	102.0	106.2	4.4
06TWDO4-42	100	804	1.3	0.15020	15.7	0.01842	7.6	0.48	117.7	8.8	142.1	20.8	571.9	300.6	117.7	8.8
06TWDO4-53	255	339	0.9	0.12538	22.6	0.01977	4.2	0.18	126.2	5.2	119.9	25.5	-2.0	540.8	126.2	5.2
06TWDO4-6	168	1026	0.7	0.13126	7.0	0.01991	2.8	0.41	127.1	3.6	125.2	8.3	90.2	152.3	127.1	3.6
06TWDO4-52	227	533	1.4	0.13945	12.4	0.02001	4.7	0.38	127.7	6.0	132.6	15.4	219.6	265.2	127.7	6.0
06TWDO4-44	163	862	2.0	0.13929	9.7	0.02021	3.4	0.35	129.0	4.3	132.4	12.0	194.8	210.8	129.0	4.3
06TWDO4-45	708	2698	1.8	0.14063	3.8	0.02042	2.8	0.72	130.3	3.6	133.6	4.8	192.7	62.4	130.3	3.6
06TWDO4-36	258	1667	0.9	0.14315	6.4	0.02057	4.2	0.65	131.3	5.5	135.8	8.2	216.6	112.7	131.3	5.5
06TWDO4-89	95	407	1.4	0.19093	14.1	0.02066	8.0	0.56	131.8	10.4	177.4	23.0	838.4	244.0	131.8	10.4
06TWDO4-59	208	1109	1.3	0.15495	8.6	0.02075	4.2	0.49	132.4	5.6	146.3	11.7	377.8	168.1	132.4	5.6
06TWDO4-54	298	992	1.2	0.14053	7.7	0.02088	4.9	0.63	133.2	6.4	133.5	9.6	139.4	139.7	133.2	6.4
06TWDO4-73	614	1962	2.3	0.14338	3.4	0.02100	2.3	0.68	133.9	3.1	136.1	4.4	173.0	58.3	133.9	3.1
06TWDO4-38	92	848	1.1	0.16702	12.4	0.02102	6.6	0.53	134.1	8.7	156.8	17.9	516.1	230.1	134.1	8.7
06TWDO4-26	209	1781	1.1	0.14478	6.1	0.02115	3.8	0.62	134.9	5.1	137.3	7.9	178.9	112.7	134.9	5.1
06TWDO4-77	82	530	1.7	0.16184	10.7	0.02120	5.5	0.51	135.2	7.3	152.3	15.2	426.9	206.3	135.2	7.3
06TWDO4-99	345	2128	1.2	0.15180	6.6	0.02138	4.0	0.61	136.4	5.4	143.5	8.8	263.1	120.2	136.4	5.4
06TWDO4-62	212	1406	1.3	0.14338	10.2	0.02150	6.3	0.61	137.1	8.5	136.0	13.0	117.0	190.5	137.1	8.5
06TWDO4-14	103	1084	1.6	0.14434	12.9	0.02151	5.5	0.42	137.2	7.4	136.9	16.6	131.3	276.4	137.2	7.4
06TWDO4-64	77	344	0.5	0.14889	14.6	0.02154	8.1	0.55	137.4	11.0	140.9	19.2	201.2	283.5	137.4	11.0
06TWDO4-32	139	784	1.0	0.15943	10.1	0.02156	5.2	0.52	137.5	7.1	150.2	14.1	355.9	195.2	137.5	7.1
06TWDO4-90	291	1721	1.2	0.16321	6.6	0.02160	4.0	0.60	137.8	5.4	153.5	9.5	404.1	118.9	137.8	5.4
06TWDO4-25	86	974	1.6	0.16816	14.5	0.02170	6.4	0.44	138.4	8.7	157.8	21.2	460.0	290.2	138.4	8.7
06TWDO4-66	251	1897	1.3	0.15750	8.3	0.02174	4.4	0.53	138.6	6.1	148.5	11.5	309.1	160.5	138.6	6.1
06TWDO4-30	139	9														

06TWDO4-23	1573	3741	4.1	0.41941	9.0	0.05526	8.1	0.89	346.7	27.3	355.6	27.1	414.1	90.7	346.7	27.3
06TWDO4-98	283	3065	0.9	0.44320	3.8	0.05831	3.1	0.81	365.3	11.0	372.5	11.9	417.4	49.6	365.3	11.0
06TWDO4-20	157	4287	4.3	0.51261	3.4	0.06529	2.4	0.70	407.7	9.3	420.2	11.6	489.4	53.0	407.7	9.3
06TWDO4-10	600	5879	1.6	0.55134	3.4	0.06907	2.2	0.65	430.5	9.3	445.9	12.3	525.9	56.6	430.5	9.3
06TWDO4-1	121	3081	2.7	0.62533	4.7	0.07764	4.2	0.90	482.0	19.7	493.2	18.4	545.5	44.5	482.0	19.7
06TWDO4-105	272	3905	1.9	0.69952	7.5	0.08399	6.6	0.88	519.9	33.1	538.5	31.6	618.1	77.8	519.9	33.1
06TWDO4-58	2121	4968	9.9	1.13121	9.7	0.09301	9.0	0.92	573.3	49.2	768.3	52.4	1387.1	71.8	573.3	49.2
06TWDO4-22	470	14994	2.4	0.78390	3.4	0.09413	2.9	0.85	579.9	16.0	587.7	15.2	617.9	38.7	579.9	16.0
06TWDO4-101	144	2847	1.0	0.85961	5.0	0.10123	3.5	0.70	621.6	20.9	629.9	23.7	659.8	77.3	621.6	20.9
06TWDO4-12	92	2694	1.2	0.92863	4.6	0.10416	3.2	0.71	638.7	19.5	666.9	22.3	763.3	68.1	638.7	19.5
06TWDO4-88	874	21201	2.4	0.90554	5.6	0.10657	5.0	0.89	652.8	31.1	654.7	27.2	661.2	55.4	652.8	31.1
06TWDO4-95	271	8116	2.6	1.05729	3.3	0.11725	2.8	0.85	714.7	19.0	732.5	17.2	787.3	36.2	714.7	19.0
06TWDO4-91	469	16114	2.2	1.12983	2.0	0.12533	1.4	0.70	761.2	10.3	767.7	11.0	786.6	30.4	761.2	10.3
06TWDO4-87	67	3752	0.8	1.20078	4.0	0.12658	3.4	0.85	768.3	24.5	800.9	22.0	892.7	42.6	768.3	24.5
06TWDO4-79	41	947	1.4	1.53801	7.5	0.14765	6.5	0.87	887.8	53.9	945.7	46.0	1083.1	74.1	887.8	53.9
06TWDO4-102	95	4050	1.6	1.52341	8.2	0.15106	8.0	0.98	906.9	68.0	939.8	50.2	1017.9	31.5	906.9	68.0
06TWDO4-19	506	18647	0.9	1.45572	2.8	0.15314	1.4	0.51	918.5	12.3	912.2	16.8	897.0	49.4	918.5	12.3
06TWDO4-82	156	12108	1.5	1.61742	7.3	0.16271	7.0	0.96	971.8	63.5	977.0	46.0	988.6	41.3	971.8	63.5
06TWDO4-13	140	5482	1.3	1.63633	2.9	0.16385	1.9	0.64	978.1	17.0	984.3	18.5	998.0	45.8	978.1	17.0
06TWDO4-5	519	19598	4.5	1.85533	4.3	0.17103	3.8	0.88	1017.8	35.7	1065.3	28.3	1164.0	39.9	1017.8	35.7
06TWDO4-21	286	13461	6.2	1.77275	3.5	0.17211	2.8	0.80	1023.7	26.2	1035.5	22.5	1060.5	41.9	1023.7	26.2
06TWDO4-57	629	13491	50.6	1.85356	3.1	0.17561	2.9	0.93	1043.0	27.8	1064.7	20.6	1109.5	23.5	1043.0	27.8
06TWDO4-55	485	23973	2.6	1.81751	1.5	0.17597	1.1	0.75	1044.9	10.9	1051.8	9.9	1066.1	20.2	1044.9	10.9
06TWDO4-60	339	10939	1.3	1.90562	2.4	0.18069	2.2	0.89	1070.7	21.2	1083.1	16.1	1107.9	21.8	1070.7	21.2
06TWDO4-4	219	13159	2.0	1.92796	3.3	0.18133	1.5	0.46	1074.3	15.2	1090.8	22.4	1124.1	59.3	1074.3	15.2
06TWDO4-96	118	6276	0.9	1.99799	4.9	0.18903	3.7	0.75	1116.1	37.5	1114.8	32.9	1112.3	64.1	1116.1	37.5
06TWDO4-85	88	7862	3.3	2.24725	4.6	0.19811	2.4	0.51	1165.2	25.5	1195.9	32.7	1251.9	78.0	1165.2	25.5
06TWDO4-18	268	11520	1.6	2.14843	4.1	0.19925	3.6	0.87	1171.3	38.4	1164.5	28.6	1152.0	40.5	1171.3	38.4
06TWDO4-56	253	18608	1.8	2.64128	2.1	0.22654	1.5	0.74	1316.3	18.3	1312.2	15.2	1305.5	26.9	1305.5	26.9
06TWDO4-16	102	9453	0.7	3.09922	2.7	0.24600	1.3	0.49	1417.8	16.8	1432.5	20.9	1454.3	45.4	1454.3	45.4
06TWDO4-103	46	3463	1.1	3.09065	8.5	0.24241	7.4	0.88	1399.2	93.6	1430.4	65.1	1477.0	77.0	1477.0	77.0
06TWDO4-67	514	39522	1.8	3.63006	5.5	0.27331	4.7	0.85	1557.6	65.2	1556.1	44.2	1554.2	54.8	1554.2	54.8
06TWDO4-27	285	24954	2.1	3.54450	2.1	0.26651	1.6	0.74	1523.1	21.1	1537.2	16.8	1556.7	26.9	1556.7	26.9
06TWDO4-33	177	17774	1.4	4.10659	5.5	0.29538	5.2	0.94	1668.4	76.3	1655.6	45.2	1639.5	35.3	1639.5	35.3
06TWDO4-83	58	4933	0.8	4.05073	8.7	0.28393	7.7	0.88	1611.1	109.1	1644.4	71.2	1687.3	77.7	1687.3	77.7
06TWDO4-15	162	10226	1.5	4.16560	8.0	0.28330	7.6	0.95	1607.9	108.0	1667.3	65.5	1742.8	45.7	1742.8	45.7
06TWDO4-43	148	12697	1.9	4.40885	2.1	0.29786	1.6	0.77	1680.7	24.4	1714.0	17.7	1754.9	24.8	1754.9	24.8
06TWDO4-28	384	35640	1.9	5.01564	5.6	0.32826	5.3	0.94	1829.9	84.4	1822.0	47.6	1812.8	33.8	1812.8	33.8
06TWDO4-97	53	2835	1.0	5.05995	6.8	0.31923	4.3	0.64	1786.0	67.3	1829.4	57.4	1879.2	93.9	1879.2	93.9
06TWDO4-3	115	15305	1.4	12.23196	4.1	0.47946	3.8	0.93	2524.9	78.8	2622.4	38.2	2698.5	25.1	2698.5	25.1

#### Delgado Sandstone Member of Potrerillos Formation (Delgado syncline; 05DEL03)

05DEL03-96	1068	4811	0.9	0.05891	9.1	0.00903	5.9	0.64	58.0	3.4	58.1	5.2	65.1	167.0	58.0	3.4
05DEL03-61	2598	10963	1.2	0.06078	3.2	0.00948	2.3	0.70	60.8	1.4	59.9	1.9	23.6	55.3	60.8	1.4
05DEL03-85	345	1908	1.4	0.05579	13.7	0.00959	7.5	0.55	61.5	4.6	55.1	7.4	-214.7	289.5	61.5	4.6
05DEL03-15	4752	7104	4.2	0.06516	5.1	0.00965	2.0	0.39	61.9	1.2	64.1	3.2	146.2	110.7	61.9	1.2
05DEL03-89	4668	19675	3.6	0.06349	2.1	0.00968	1.3	0.65	62.1	0.8	62.5	1.3	77.2	37.5	62.1	0.8
05DEL03-43	661	2088	1.5	0.06181	6.8	0.00973	2.9	0.43	62.4	1.8	60.9	4.0	0.5	147.9	62.4	1.8
05DEL03-28	439	536	0.4	0.10869	23.1	0.00982	6.9	0.30	63.0	4.3	104.8	23.0	1204.6	439.9	63.0	4.3
05DEL03-19	403	1763	1.3	0.05700	11.8	0.00984	2.3	0.19	63.1	1.4	56.3	6.5	-225.2	293.4	63.1	1.4
05DEL03-31	275	1471	0.8	0.04044	16.4	0.01025	3.6	0.22	65.7	2.4	40.2	6.5	-1306.6	511.6	65.7	2.4
05DEL03-14	967	3668	1.7	0.07945	15.5	0.01084	3.2	0.20	69.5	2.2	77.6	11.6	335.4	344.9	69.5	2.2
05DEL03-73	559	3383	1.1	0.07170	8.3	0.01087	2.6	0.31	69.7	1.8	70.3	5.6	90.6	186.4	69.7	1.8
05DEL03-82	1450	4489	0.7	0.06976	10.3	0.01090	4.2	0.41	69.9	2.9	68.5	6.8	18.4	225.6	69.9	2.9
05DEL03-7	1897	8803	1.0	0.07234	8.4	0.01107	5.8	0.69	71.0	4.1	70.9	5.8	68.3	145.9	71.0	4.1
05DEL03-78	407	2851	1.4	0.07122	11.6	0.01109	4.4	0.38	71.1	3.1	69.9	7.8	27.8	257.7	71.1	3.1
05DEL03-92	346	2153	1.2	0.06420	12.3	0.01112	4.9	0.40	71.3	3.4	63.2	7.5	-235.2	286.0	71.3	3.4
05DEL03-64	1218	7659	2.2	0.07506	3.5	0.01116	2.4	0.71	71.6	1.7	73.5	2.5	137.1	57.4	71.6	1.7
05DEL03-2	1353	6046	3.4	0.07493	6.0	0.01131	2.4	0.39	72.5	1.7	73.4	4.3	102.5	130.8	72.5	1.7
05DEL03-6	703	4032	0.9	0.07061	8.8	0.01147	8.3	0.94	73.5	6.0	69.3	5.9	-74.9	75.7	73.5	6.0
05DEL03-68	180	845	1.3	0.08065	23.3	0.01155	7.0	0.30	74.1	5.2	78.8	17.7	223.8	520.4	74.1	5.2
05DEL03-25	361	1917	1.4	0.05878	10.5	0.01159	3.4	0.33	74.3	2.5	58.0	5.9	-571.8	268.4	74.3	2.5
05DEL03-63	1222	2594	2.0	0.09637	24.5	0.01160	8.3	0.34	74.3	6.1	93.4	21.9	613.6	504.9	74.3	6.1
05DEL03-27	397	2720	1.7	0.07344	14.3	0.01177	8.2	0.58	75.4	6.2	72.0	9.9	-41.2	283.6	75.4	6.2
05DEL03-57	259	1500	1.5	0.05745	9.8	0.01199	4.6	0.47	76.8	3.5	56.7	5.4	-728.7	241.0	76.8	3.5
05DEL03-86	867	3546														

05DEL03-60	539	3213	1.5	0.15940	4.1	0.02492	2.6	0.63	158.7	4.1	150.2	5.8	18.4	77.0	158.7	4.1
05DEL03-39	555	4928	1.7	0.17337	6.7	0.02530	3.7	0.56	161.1	6.0	162.3	10.1	181.2	129.9	161.1	6.0
05DEL03-72	653	9412	0.9	0.16829	3.1	0.02565	1.5	0.50	163.3	2.5	157.9	4.5	78.6	63.1	163.3	2.5
05DEL03-16	197	3111	2.3	0.16237	7.8	0.02584	2.8	0.35	164.4	4.5	152.8	11.1	-24.5	177.9	164.4	4.5
05DEL03-56	476	5623	1.4	0.17977	3.8	0.02604	1.9	0.51	165.7	3.1	167.9	5.8	198.1	75.0	165.7	3.1
05DEL03-49	766	11309	0.9	0.17708	7.8	0.02633	5.3	0.67	167.5	8.7	165.5	12.0	137.1	136.7	167.5	8.7
05DEL03-30	3464	25231	1.8	0.18447	5.0	0.02693	3.6	0.72	171.3	6.1	171.9	7.9	180.2	80.2	171.3	6.1
05DEL03-12	80	1612	1.0	0.14819	22.0	0.02701	6.3	0.29	171.8	10.6	140.3	28.8	-363.9	550.0	171.8	10.6
05DEL03-37	838	11253	1.1	0.17658	2.8	0.02705	2.2	0.77	172.1	3.7	165.1	4.3	66.8	43.6	172.1	3.7
05DEL03-48	667	6719	1.5	0.19179	9.0	0.02859	4.0	0.44	181.7	7.1	178.2	14.8	130.7	191.2	181.7	7.1
05DEL03-4	634	6842	0.8	0.22495	6.2	0.03151	3.7	0.59	200.0	7.2	206.0	11.6	275.4	114.8	200.0	7.2
05DEL03-83	479	8409	1.3	0.28259	7.4	0.03958	4.8	0.64	250.3	11.8	252.7	16.6	275.5	130.2	250.3	11.8
05DEL03-41	359	6237	1.6	0.28653	6.2	0.04118	5.0	0.80	260.2	12.8	255.8	14.1	216.3	86.1	260.2	12.8
05DEL03-88	316	8519	3.0	0.31927	3.5	0.04627	2.0	0.57	291.6	5.6	281.3	8.5	196.9	66.4	291.6	5.6
05DEL03-5	60	2424	1.1	0.52855	7.5	0.07809	3.2	0.42	484.7	14.8	430.8	26.4	152.2	159.9	484.7	14.8
05DEL03-87	459	17157	1.2	0.61816	4.9	0.07954	2.1	0.42	493.4	9.7	488.7	18.9	466.8	97.6	493.4	9.7
05DEL03-100	355	18821	0.9	0.63519	6.9	0.07956	6.7	0.97	493.5	31.8	499.3	27.2	526.2	36.3	493.5	31.8
05DEL03-13	226	11612	0.9	0.78830	4.6	0.09619	3.3	0.72	592.0	18.7	590.2	20.7	583.2	70.1	592.0	18.7
05DEL03-70	296	20436	0.8	0.82959	5.5	0.09817	4.7	0.86	603.7	27.1	611.4	25.1	639.9	60.4	603.7	27.1
05DEL03-18	375	9689	1.1	0.85010	6.3	0.10091	1.8	0.28	619.7	10.4	624.7	29.4	642.8	130.4	619.7	10.4
05DEL03-50	97	5415	1.0	1.06464	5.1	0.15977	4.3	0.86	955.5	38.5	972.0	31.7	1009.5	53.0	1009.5	53.0
05DEL03-90	181	11427	3.0	1.63586	3.7	0.16268	2.8	0.75	971.6	25.1	984.1	23.4	1012.0	49.8	1012.0	49.8
05DEL03-76	166	18532	2.1	1.76863	4.1	0.17232	4.0	0.97	1024.9	37.9	1034.0	26.8	1053.4	20.6	1053.4	20.6
05DEL03-75	572	54162	3.0	1.84349	1.6	0.17890	1.3	0.79	1061.0	12.6	1061.1	10.7	1061.4	20.2	1061.4	20.2
05DEL03-81	170	19212	2.4	1.92158	1.9	0.18226	1.4	0.74	1079.3	13.8	1088.6	12.6	1107.2	25.4	1107.2	25.4
05DEL03-59	338	36347	3.3	1.98554	2.0	0.18690	1.7	0.86	1104.5	17.3	1110.6	13.3	1122.5	20.0	1122.5	20.0
05DEL03-32	85	7422	1.2	2.17164	7.2	0.19128	6.7	0.93	1128.3	69.8	1172.0	50.4	1253.6	51.7	1253.6	51.7
05DEL03-1	298	18122	1.3	2.22662	10.8	0.18078	10.6	0.98	1071.3	104.5	1189.5	76.0	1411.2	43.2	1411.2	43.2
05DEL03-20	550	14043	0.7	2.59663	4.5	0.20399	4.0	0.89	1196.7	43.8	1299.7	33.1	1474.0	39.2	1474.0	39.2
05DEL03-97	230	43095	2.6	3.21768	2.8	0.24887	1.8	0.65	1432.6	23.3	1461.4	21.7	1503.5	40.5	1503.5	40.5
05DEL03-80	817	120081	2.0	3.35126	2.3	0.25423	1.9	0.80	1460.3	24.5	1493.1	18.3	1540.0	26.5	1540.0	26.5
05DEL03-40	570	16983	1.9	3.50160	3.2	0.24990	2.0	0.64	1437.9	26.0	1527.6	25.0	1654.0	45.2	1654.0	45.2
05DEL03-65	843	55548	2.1	3.60012	5.6	0.25351	5.4	0.97	1456.5	70.9	1549.6	44.7	1678.8	26.2	1678.8	26.2
05DEL03-45	344	56634	3.8	4.40030	2.6	0.30865	2.4	0.91	1734.1	35.8	1712.4	21.4	1686.0	19.8	1686.0	19.8
05DEL03-69	334	26340	1.7	3.77003	3.2	0.26419	2.4	0.75	1511.2	33.0	1586.4	26.1	1687.8	39.3	1687.8	39.3
05DEL03-67	157	21448	2.2	3.85020	4.7	0.26824	3.7	0.80	1531.9	51.0	1603.3	37.9	1698.5	52.2	1698.5	52.2
05DEL03-52	291	52660	4.2	4.35853	2.1	0.30270	1.2	0.58	1704.7	17.9	1704.5	17.1	1704.3	31.1	1704.3	31.1
05DEL03-34	208	59974	2.1	4.73622	2.1	0.32479	1.9	0.88	1813.1	29.8	1773.7	17.9	1727.6	18.4	1727.6	18.4
05DEL03-17	496	75543	1.0	4.40400	2.3	0.29870	1.2	0.51	1684.9	17.3	1713.1	19.1	1747.8	36.4	1747.8	36.4
05DEL03-91	1178	161459	33.7	4.25968	2.4	0.28791	1.7	0.72	1631.1	25.1	1685.6	20.0	1754.1	30.9	1754.1	30.9
05DEL03-35	335	54511	1.2	4.39584	3.5	0.29618	2.7	0.76	1672.3	39.3	1711.6	29.1	1759.9	42.1	1759.9	42.1
05DEL03-26	657	37632	0.9	3.77778	7.6	0.25369	7.3	0.97	1496.5	95.5	1588.0	60.9	1766.0	36.0	1766.0	36.0
05DEL03-54	297	72588	2.1	4.72891	2.6	0.31684	2.1	0.78	1774.3	31.8	1772.4	22.0	1770.1	30.0	1770.1	30.0
05DEL03-36	186	49093	1.1	4.59893	2.5	0.30686	1.9	0.79	1725.2	29.3	1749.1	20.5	1777.7	27.8	1777.7	27.8
05DEL03-29	124	25034	1.8	4.88803	2.0	0.32401	1.1	0.55	1809.3	16.9	1800.2	16.5	1789.7	29.8	1789.7	29.8
05DEL03-38	150	10562	2.2	4.67986	2.6	0.30981	2.0	0.76	1739.8	29.8	1763.6	21.6	1792.0	30.9	1792.0	30.9
05DEL03-53	253	37638	1.5	4.95739	3.6	0.32248	1.9	0.54	1801.8	30.1	1812.1	30.2	1823.9	54.6	1823.9	54.6
05DEL03-93	817	101585	2.2	4.50201	4.3	0.29143	3.6	0.85	1648.7	52.9	1731.3	35.7	1832.7	41.3	1832.7	41.3
05DEL03-71	225	41437	1.5	11.10424	3.7	0.46458	3.5	0.96	2459.7	72.0	2531.9	34.1	2590.3	16.7	2590.3	16.7
05DEL03-77	297	62862	1.2	11.99912	3.6	0.49344	3.2	0.91	2585.5	69.2	2604.3	33.4	2619.0	24.1	2619.0	24.1
05DEL03-62	136	29466	0.8	13.28712	2.6	0.51757	2.3	0.90	2688.9	51.2	2700.3	24.4	2708.8	18.3	2708.8	18.3
05DEL03-94	250	63350	1.0	13.85792	3.4	0.52718	3.2	0.95	2729.6	70.5	2740.0	31.8	2747.8	17.9	2747.8	17.9

Delgado Sandstone Member of Potrerillos Formation (El Papalote, 2 m below ejecta-bearing strata; 06HN01)

06HN01-46	460	3935	0.3	0.0855	9.1	0.0103	2.6	0.28	65.9	1.7	83.3	7.3	614.8	189.5	65.9	1.7
06HN01-17	597	16790	1.3	0.0746	3.0	0.0109	1.8	0.58	70.1	1.2	73.1	2.1	172.2	57.1	70.1	1.2
06HN01-89	742	9730	1.4	0.0818	4.0	0.0116	1.4	0.35	74.5	1.0	79.9	3.1	243.0	86.4	74.5	1.0
06HN01-6	494	17500	1.4	0.0841	4.3	0.0124	1.0	0.23	79.6	0.8	82.0	3.4	152.8	98.6	79.6	0.8
06HN01-40	462	15865	2.0	0.0857	4.2	0.0124	1.0	0.24	79.6	0.8	83.5	3.4	197.0	94.4	79.6	0.8
06HN01-49	323	6640	1.1	0.0926	5.0	0.0128	1.0	0.20	82.1	0.8	90.0	4.3	303.8	112.4	82.1	0.8
06HN01-20	472	15385	1.3	0.0869	4.3	0.0129	1.2	0.29	82.3	1.0	84.6	3.5	147.9	95.8	82.3	1.0
06HN01-62	570	6175	2.1	0.1017	3.7	0.0129	1.0	0.27	82.9	0.8	98.4	3.4	491.3	78.0	82.9	0.8
06HN01-5	335	15410	2.1	0.0969	4.3	0.0130	2.1	0.49	83.4	1.7	93.9	3.8	369.1	83.9	83.4	1.7
06HN01-26	922	12365	2.0	0.0939	3.7	0.0130	1.0	0.27	83.4	0.8	91.2	3.2	299.4	80.2	83.4	0.8
06HN01-45	380	6215	2.5	0.1005	6.8	0.0130	2.7	0.40	83.5	2.2	97.2	6.3	446.8</			

06HN01-79	393	13310	1.8	0.1474	2.2	0.0209	1.4	0.62	133.3	1.8	139.6	2.9	248.9	40.1	133.3	1.8
06HN01-41	694	31375	1.9	0.1404	1.6	0.0210	1.0	0.64	133.8	1.3	133.4	1.9	127.1	28.0	133.8	1.3
06HN01-42	372	16890	1.9	0.1470	3.7	0.0211	1.0	0.27	134.6	1.3	139.3	4.9	219.5	83.4	134.6	1.3
06HN01-9	308	12740	1.0	0.1515	4.0	0.0215	1.6	0.40	137.3	2.2	143.3	5.4	242.9	85.5	137.3	2.2
06HN01-43	145	4270	1.6	0.1910	12.8	0.0218	1.1	0.08	139.2	1.5	177.5	20.9	723.0	272.1	139.2	1.5
06HN01-66	574	9240	2.9	0.1637	4.0	0.0223	2.4	0.60	142.2	3.3	154.0	5.7	339.1	72.5	142.2	3.3
06HN01-24	473	2990	1.5	0.2586	18.1	0.0226	2.3	0.13	144.3	3.3	233.6	37.9	1265.7	354.0	144.3	3.3
06HN01-18	705	16615	1.0	0.1645	14.3	0.0231	3.0	0.21	147.2	4.3	154.7	20.5	271.1	321.5	147.2	4.3
06HN01-74	126	3420	0.7	0.1863	4.7	0.0233	1.6	0.34	148.4	2.3	173.5	7.4	530.4	96.2	148.4	2.3
06HN01-94	320	16105	1.8	0.1720	2.6	0.0242	1.0	0.39	154.1	1.5	161.1	3.8	265.8	54.3	154.1	1.5
06HN01-97	244	6520	1.3	0.1778	4.0	0.0243	1.0	0.25	154.6	1.5	166.1	6.1	333.8	87.3	154.6	1.5
06HN01-48	280	9980	2.2	0.2024	15.2	0.0250	2.0	0.13	159.4	3.1	187.2	26.0	553.0	330.2	159.4	3.1
06HN01-25	188	7455	2.9	0.1953	6.8	0.0251	1.1	0.17	159.6	1.8	181.1	11.3	472.8	148.7	159.6	1.8
06HN01-69	381	14580	2.4	0.1863	2.8	0.0256	1.3	0.47	163.3	2.1	173.5	4.5	314.7	56.7	163.3	2.1
06HN01-36	243	7895	1.4	0.1939	6.9	0.0257	1.0	0.14	163.4	1.6	180.0	11.4	402.9	153.3	163.4	1.6
06HN01-92	502	11180	1.1	0.1943	4.3	0.0261	2.0	0.46	166.0	3.3	180.3	7.1	371.5	85.8	166.0	3.3
06HN01-14	812	90915	3.2	0.2295	2.5	0.0334	1.0	0.40	211.6	2.1	209.8	4.8	188.7	53.5	211.6	2.1
06HN01-76	620	34515	1.1	0.2880	2.9	0.0390	1.3	0.45	246.6	3.2	257.0	6.6	352.5	58.8	246.6	3.2
06HN01-39	218	20295	1.7	0.3035	1.8	0.0412	1.0	0.57	260.6	2.6	269.1	4.2	344.5	32.7	260.6	2.6
06HN01-99	744	49050	0.8	0.4226	2.2	0.0572	1.1	0.50	358.6	3.9	357.9	6.8	353.1	43.8	358.6	3.9
06HN01-81	503	58885	1.5	0.4496	2.1	0.0605	1.0	0.49	379.0	3.7	377.0	6.5	365.0	40.6	379.0	3.7
06HN01-33	198	30355	1.4	0.4732	2.8	0.0626	1.8	0.65	391.5	7.0	393.4	9.3	404.5	48.5	391.5	7.0
06HN01-73	213	25735	0.9	0.5481	10.0	0.0643	6.8	0.67	401.6	26.3	443.8	36.0	668.6	158.4	401.6	26.3
06HN01-44	126	10980	1.0	0.5898	5.0	0.0705	1.0	0.20	439.1	4.2	470.7	18.7	628.0	104.9	439.1	4.2
06HN01-64	370	37040	0.8	0.5585	2.3	0.0707	1.4	0.61	440.1	5.9	450.6	8.3	504.2	39.6	440.1	5.9
06HN01-70	267	33135	2.0	0.5746	3.2	0.0722	1.0	0.31	449.3	4.3	461.0	12.0	519.7	67.8	449.3	4.3
06HN01-83	128	17195	2.1	0.6043	2.9	0.0750	1.1	0.39	466.4	5.0	480.0	10.9	545.3	57.6	466.4	5.0
06HN01-22	155	20795	2.6	0.6375	2.3	0.0753	1.4	0.61	468.1	6.4	500.7	9.1	653.0	38.9	468.1	6.4
06HN01-59	211	30720	1.5	0.6043	1.8	0.0757	1.0	0.55	470.6	4.5	479.9	6.9	524.6	33.1	470.6	4.5
06HN01-60	175	22780	2.0	0.6118	2.9	0.0761	1.3	0.43	473.1	5.7	484.7	11.2	540.0	57.4	473.1	5.7
06HN01-8	401	64955	7.0	0.6681	4.5	0.0793	3.0	0.66	492.0	14.3	519.5	18.5	642.6	73.3	492.0	14.3
06HN01-78	166	19775	0.7	0.7929	7.0	0.0794	2.2	0.31	492.4	10.2	592.8	31.4	998.4	135.5	492.4	10.2
06HN01-21	264	42930	3.3	0.6443	4.6	0.0804	1.6	0.35	498.6	7.7	505.0	18.2	534.0	93.8	498.6	7.7
06HN01-2	169	8050	1.1	0.7635	2.2	0.0851	2.0	0.89	526.3	10.0	576.0	9.8	777.1	21.1	526.3	10.0
06HN01-38	641	73805	3.7	0.7251	3.1	0.0891	1.1	0.37	550.5	6.0	553.7	13.2	566.8	62.7	550.5	6.0
06HN01-88	1068	164830	8.0	0.7498	3.0	0.0909	1.4	0.47	560.6	7.4	568.1	12.8	598.1	56.5	560.6	7.4
06HN01-12	134	14165	0.9	0.9227	3.4	0.0930	2.6	0.78	573.2	14.3	663.8	16.3	984.9	43.0	573.2	14.3
06HN01-61	292	31915	3.4	0.8128	2.1	0.0958	1.0	0.47	589.7	5.6	604.0	9.6	658.2	39.9	589.7	5.6
06HN01-50	135	7460	2.4	1.0590	4.2	0.1141	1.2	0.29	696.7	8.0	733.3	22.1	846.9	84.3	696.7	8.0
06HN01-58	119	13400	0.7	1.3244	3.2	0.1349	1.4	0.45	815.9	11.0	856.4	18.4	963.0	57.8	815.9	11.0
06HN01-3	335	168285	2.2	1.4357	4.4	0.1473	3.7	0.85	885.6	30.7	903.9	26.1	949.0	46.9	885.6	30.7
06HN01-37	263	63895	3.1	1.6546	2.7	0.1632	1.3	0.46	974.3	11.3	991.3	17.2	1029.2	48.9	1029.2	48.9
06HN01-68	86	24970	1.6	1.6632	3.7	0.1639	1.7	0.46	978.4	15.6	994.6	23.8	1030.5	67.4	1030.5	67.4
06HN01-77	563	120915	10.3	1.6717	2.1	0.1631	1.0	0.48	974.2	9.0	997.8	13.2	1050.2	36.7	1050.2	36.7
06HN01-27	62	26920	2.9	1.7724	3.8	0.1701	1.5	0.40	1012.9	14.2	1035.4	24.7	1083.2	70.1	1083.2	70.1
06HN01-31	164	48565	1.6	1.8584	3.1	0.1775	2.5	0.82	1053.4	24.7	1066.4	20.4	1093.1	35.1	1093.1	35.1
06HN01-54	101	25380	1.3	1.6952	2.5	0.1619	1.4	0.57	967.3	12.6	1006.7	15.7	1093.5	40.5	1093.5	40.5
06HN01-52	390	54205	1.9	1.7391	2.5	0.1657	1.0	0.40	988.1	9.2	1023.1	16.2	1098.8	46.0	1098.8	46.0
06HN01-67	506	187355	4.4	2.0925	3.5	0.1966	2.9	0.83	1157.3	30.7	1146.3	24.0	1125.7	38.7	1125.7	38.7
06HN01-11	182	29990	0.6	1.5740	3.4	0.1452	2.5	0.74	874.0	20.7	960.0	21.2	1162.6	45.6	1162.6	45.6
06HN01-80	121	20260	1.4	1.8762	2.0	0.1724	1.0	0.50	1025.1	9.5	1072.7	13.3	1170.8	34.5	1170.8	34.5
06HN01-10	198	46270	1.8	1.7793	3.1	0.1597	1.7	0.55	955.3	15.0	1037.9	19.8	1216.3	50.0	1216.3	50.0
06HN01-90	519	150655	3.4	2.3492	2.8	0.2080	1.4	0.50	1218.4	15.3	1227.3	19.8	1243.1	47.2	1243.1	47.2
06HN01-23	238	56065	1.7	2.1924	3.7	0.1939	3.5	0.95	1142.6	36.1	1178.6	25.5	1245.4	23.3	1245.4	23.3
06HN01-65	108	42090	2.2	2.4500	4.2	0.2095	4.0	0.95	1225.9	44.3	1257.4	30.1	1311.7	25.0	1311.7	25.0
06HN01-86	378	111340	3.0	2.5884	3.0	0.2177	1.8	0.58	1269.7	20.2	1297.4	22.2	1343.4	47.7	1343.4	47.7
06HN01-98	348	125305	2.1	3.0903	2.9	0.2470	2.1	0.71	1423.0	26.8	1430.3	22.6	1441.2	39.3	1441.2	39.3
06HN01-32	368	101825	3.3	3.1259	2.7	0.2468	1.9	0.68	1422.1	24.0	1439.1	21.1	1464.3	38.0	1464.3	38.0
06HN01-56	239	70250	2.8	3.8834	3.0	0.2879	1.9	0.62	1631.2	27.1	1610.2	24.6	1582.9	44.7	1582.9	44.7
06HN01-57	136	48485	1.7	3.7956	4.1	0.2742	1.0	0.24	1562.1	13.9	1591.8	32.9	1631.4	73.8	1631.4	73.8
06HN01-28	120	66975	1.1	3.9728	2.9	0.2869	1.8	0.60	1625.9	25.3	1628.7	23.6	1632.2	43.1	1632.2	43.1
06HN01-19	569	332490	37.4	4.0520	3.0	0.2879	1.2	0.21	1630.8	17.4	1644.7	24.6	1662.4	50.2	1662.4	50.2
06HN01-29	102	31260	1.8	3.3803	2.9	0.2393	1.0	0.34	1383.1	12.4	1499.8	23.1	1669.0	51.2	1669.0	51.2
06HN01-51	178	75900	1.6	4.3336	2.7	0.2978	1.0	0.38	1680.6	14.8	1699.8	22.0	1723.5	45.4	1723.5	45.4
06HN01-47	133	91335	1.2	7.1429	3.9	0.3780	2.1	0.54	2066.7	37.1	2129.4	34.5	2190.4	56.5	2190.4	56.5

Delgado Sandstone Member of Potrerillos Formation (El Papalote, base of ejecta-bearing strata; 06HN02)

06HN02-98	1244	14620	2.6	0.0718	4.6	0.0098	3.8	0.81	62.8	2.3	70.4

06HN02-88	335	9620	2.0	0.1088	3.6	0.0154	1.1	0.31	98.7	1.1	104.9	3.6	247.2	79.0	98.7	1.1
06HN02-19	926	30190	3.2	0.1058	1.6	0.0155	1.0	0.63	99.0	1.0	102.1	1.5	176.8	29.0	99.0	1.0
06HN02-45	330	7910	1.9	0.1076	4.8	0.0156	2.9	0.60	100.0	2.9	103.8	4.8	191.1	89.9	100.0	2.9
06HN02-9	354	18100	1.6	0.1120	4.3	0.0157	2.8	0.64	100.1	2.7	107.8	4.4	279.9	75.3	100.1	2.7
06HN02-10	313	5685	1.3	0.1134	4.6	0.0158	1.0	0.22	100.8	1.0	109.1	4.7	293.6	102.1	100.8	1.0
06HN02-25	231	5820	1.2	0.1251	5.3	0.0160	2.0	0.38	102.3	2.0	119.7	6.0	481.5	108.8	102.3	2.0
06HN02-83	65	3105	3.5	0.1581	12.1	0.0166	4.0	0.33	105.9	4.2	149.1	16.7	905.7	235.3	105.9	4.2
06HN02-54	974	19995	1.3	0.1099	3.4	0.0166	3.1	0.90	106.1	3.2	105.9	3.4	100.4	34.9	106.1	3.2
06HN02-62	1108	36995	2.7	0.1141	3.1	0.0170	1.7	0.56	108.4	1.8	109.7	3.2	138.4	59.7	108.4	1.8
06HN02-38	542	21300	1.5	0.1209	4.1	0.0172	1.4	0.34	110.0	1.5	115.9	4.5	239.0	89.4	110.0	1.5
06HN02-85	169	3810	1.1	0.1514	6.8	0.0178	1.4	0.20	114.0	1.5	143.2	9.1	657.6	142.7	114.0	1.5
06HN02-31	285	10125	1.4	0.1472	4.4	0.0197	1.0	0.23	126.1	1.2	139.5	5.8	374.2	96.8	126.1	1.2
06HN02-76	443	13715	1.2	0.1444	3.5	0.0206	2.2	0.63	131.4	2.8	137.0	4.4	234.7	62.2	131.4	2.8
06HN02-26	628	35000	2.1	0.1449	1.8	0.0206	1.0	0.56	131.6	1.3	137.4	2.3	239.7	34.3	131.6	1.3
06HN02-49	421	18600	2.3	0.1458	3.6	0.0206	2.2	0.62	131.6	2.9	138.2	4.6	252.7	64.1	131.6	2.9
06HN02-58	139	5370	2.8	0.1638	7.4	0.0209	2.7	0.36	133.5	3.5	154.0	10.6	483.4	153.7	133.5	3.5
06HN02-40	199	3125	1.6	0.1980	14.7	0.0210	3.0	0.20	134.3	4.0	183.4	24.7	875.8	300.2	134.3	4.0
06HN02-28	338	15385	2.2	0.1469	3.7	0.0212	1.0	0.28	135.0	1.4	139.2	4.8	210.6	82.5	135.0	1.4
06HN02-12	334	10895	2.1	0.1650	5.7	0.0214	2.6	0.46	136.4	3.5	155.1	8.3	450.7	113.5	136.4	3.5
06HN02-3	620	22470	1.7	0.1497	2.5	0.0215	1.0	0.40	137.1	1.4	141.6	3.3	218.8	53.7	137.1	1.4
06HN02-24	112	5470	2.6	0.1693	9.7	0.0222	2.1	0.22	141.7	2.9	158.9	14.2	423.7	210.7	141.7	2.9
06HN02-41	781	31665	3.7	0.1707	3.4	0.0248	1.9	0.54	157.8	2.9	160.0	5.0	191.8	66.6	157.8	2.9
06HN02-43	513	16850	1.4	0.1739	3.3	0.0249	2.3	0.70	158.5	3.6	162.8	5.0	226.5	54.7	158.5	3.6
06HN02-18	800	29115	3.7	0.1828	3.2	0.0253	1.7	0.52	161.1	2.7	170.4	5.1	301.7	63.0	161.1	2.7
06HN02-66	226	13100	1.6	0.1876	1.7	0.0254	1.0	0.59	161.6	1.6	174.6	2.7	353.7	30.9	161.6	1.6
06HN02-73	157	7920	1.7	0.1919	6.5	0.0260	1.4	0.21	165.3	2.3	178.3	10.7	354.2	144.6	165.3	2.3
06HN02-2	950	74235	0.7	0.1840	2.1	0.0266	1.3	0.62	169.3	2.2	171.5	3.3	201.2	38.2	169.3	2.2
06HN02-20	561	18635	1.2	0.2775	9.1	0.0380	2.3	0.26	240.4	5.5	248.6	20.1	327.0	200.1	240.4	5.5
06HN02-56	290	24110	1.4	0.2866	4.6	0.0387	1.5	0.32	244.6	3.5	255.9	10.4	360.5	98.1	244.6	3.5
06HN02-57	692	66495	1.6	0.2918	2.7	0.0405	1.6	0.58	256.1	4.0	260.0	6.2	294.6	50.5	256.1	4.0
06HN02-42	169	15955	3.7	0.3387	3.5	0.0444	3.0	0.83	280.2	8.1	296.2	9.1	424.1	43.7	280.2	8.1
06HN02-47	565	12770	1.6	0.4178	4.3	0.0509	1.6	0.38	319.8	5.1	354.5	13.0	588.0	87.3	319.8	5.1
06HN02-90	356	18645	1.1	0.4437	4.6	0.0561	1.1	0.24	351.8	3.8	372.9	14.4	506.1	98.9	351.8	3.8
06HN02-14	380	50370	1.5	0.4402	2.9	0.0606	1.1	0.38	379.5	4.1	370.4	8.9	313.7	60.4	379.5	4.1
06HN02-36	335	77325	1.7	0.4629	2.4	0.0613	1.0	0.42	383.3	3.7	386.2	7.7	404.0	48.6	383.3	3.7
06HN02-64	158	8870	0.5	0.5507	4.4	0.0663	1.0	0.23	413.8	4.0	445.5	16.0	612.6	93.2	413.8	4.0
06HN02-93	244	18315	2.1	0.5840	2.8	0.0717	1.1	0.39	446.2	4.7	467.0	10.5	571.0	56.2	446.2	4.7
06HN02-33	131	32665	2.2	0.6028	2.4	0.0764	1.4	0.57	474.3	6.3	479.0	9.1	501.4	43.0	474.3	6.3
06HN02-67	106	13350	1.7	0.6177	3.2	0.0776	1.0	0.31	481.9	4.6	488.4	12.4	519.1	66.8	481.9	4.6
06HN02-8	216	21785	2.0	0.6662	3.9	0.0817	1.6	0.41	506.0	7.7	518.4	15.8	573.7	77.1	506.0	7.7
06HN02-61	266	62605	7.0	0.6799	2.2	0.0847	1.5	0.67	524.3	7.5	526.7	9.1	537.2	36.1	524.3	7.5
06HN02-21	725	145180	84.7	0.7124	5.6	0.0879	1.0	0.18	543.4	5.2	546.1	23.7	557.7	120.7	543.4	5.2
06HN02-17	261	30185	2.1	0.7189	3.4	0.0891	2.1	0.61	549.9	11.0	550.0	14.6	550.2	59.5	549.9	11.0
06HN02-37	129	28870	1.0	0.8034	3.3	0.0972	1.5	0.46	597.8	8.6	598.7	14.8	602.2	62.6	597.8	8.6
06HN02-81	119	20985	1.6	0.8491	2.2	0.1004	1.0	0.46	616.9	5.9	624.2	10.1	650.6	41.3	616.9	5.9
06HN02-75	334	27305	5.1	1.1608	5.9	0.1172	4.8	0.81	714.3	32.3	782.3	32.1	981.6	70.3	714.3	32.3
06HN02-53	512	75520	2.3	1.4197	3.5	0.1358	2.8	0.81	821.0	21.8	897.2	20.9	1090.0	41.5	821.0	21.8
06HN02-80	522	146920	8.1	1.5367	4.2	0.1553	3.5	0.83	930.9	30.3	945.2	25.8	978.6	47.5	930.9	30.3
06HN02-89	577	137645	2.1	1.8732	2.4	0.1831	1.0	0.42	1083.8	10.0	1071.7	15.6	1047.0	43.2	1047.0	43.2
06HN02-78	186	43770	1.7	1.7055	3.3	0.1649	1.5	0.44	983.8	13.2	1010.6	21.3	1069.1	60.3	1069.1	60.3
06HN02-63	183	67910	1.3	1.9210	1.8	0.1831	1.0	0.54	1083.7	10.0	1088.4	12.3	1097.8	30.8	1097.8	30.8
06HN02-71	131	69370	3.0	2.1057	3.6	0.1964	1.8	0.49	1156.2	18.7	1150.7	24.9	1140.3	62.7	1140.3	62.7
06HN02-4	263	182600	4.5	2.1187	3.5	0.1964	2.5	0.70	1156.1	26.4	1154.9	24.5	1152.6	50.2	1152.6	50.2
06HN02-72	411	151210	3.7	1.9675	3.5	0.1824	1.1	0.32	1080.0	11.2	1104.5	23.9	1153.0	66.7	1153.0	66.7
06HN02-94	163	66470	3.1	2.1059	2.4	0.1927	1.0	0.42	1135.9	10.4	1150.7	16.6	1178.7	43.3	1178.7	43.3
06HN02-59	106	56595	1.7	2.1872	3.5	0.1986	2.6	0.74	1167.9	27.8	1177.0	24.5	1193.7	46.8	1193.7	46.8
06HN02-69	131	56040	4.7	2.1476	3.9	0.1931	2.4	0.63	1138.4	25.5	1164.3	26.9	1212.7	59.4	1212.7	59.4
06HN02-30	97	55895	3.0	2.3580	4.6	0.2113	1.0	0.22	1235.7	11.2	1230.0	33.0	1219.9	88.7	1219.9	88.7
06HN02-11	266	202905	4.2	2.4912	3.2	0.2211	2.9	0.88	1287.7	33.4	1269.5	23.5	1238.7	30.0	1238.7	30.0
06HN02-27	329	46125	1.9	1.0899	5.9	0.0896	4.6	0.77	553.1	24.2	748.4	31.5	1387.5	73.2	1387.5	73.2
06HN02-34	288	244025	4.4	3.1198	2.4	0.2530	1.3	0.55	1453.8	17.0	1437.6	18.3	1413.7	38.1	1413.7	38.1
06HN02-92	49	13965	1.7	2.6762	3.6	0.2164	1.6	0.45	1623.0	18.6	1321.9	26.9	1418.8	62.2	1418.8	62.2
06HN02-51	130	19745	1.5	3.3147	2.5	0.2572	1.4	0.53	1475.3	17.8	1484.5	19.8	1497.7	40.5	1497.7	40.5
06HN02-97	332	155425	8.9	3.1406	2.3	0.2400	1.0	0.43	1386.9	12.5	1442.7	18.0	1525.9	39.8	1525.9	39.8
06HN02-84	228	104435	3.9	3.6487	3.5	0.2757	1.1	0.30	1569.5	15.0	1560.2	28.3	1547.7	63.5	1547.7	63.5
06HN02-96	225	116060	1.8	4.0212	2.5	0.2878	1.4	0.54	1630.5	19.6	1638.5	20.6	1648.7	39.7	1648.7	39.7
06HN02-95	356	147185	2.7	4.2298	2.2	0.2996	1.0	0.45	1689.2							

06HNO3-85	337	3045	2.1	0.1107	6.3	0.0123	1.4	0.22	78.8	1.1	106.6	6.4	782.9	130.2	78.8	1.1
06HNO3-11	407	10265	2.0	0.0883	4.6	0.0123	3.5	0.76	79.0	2.7	86.0	3.8	282.3	68.6	79.0	2.7
06HNO3-37	521	7890	2.9	0.0968	7.6	0.0126	1.5	0.20	80.9	1.2	93.8	6.8	436.6	166.7	80.9	1.2
06HNO3-98	805	11860	2.0	0.0882	3.6	0.0127	1.4	0.39	81.6	1.1	85.8	2.9	202.4	76.1	81.6	1.1
06HNO3-4	270	4905	2.3	0.1048	6.0	0.0133	1.6	0.26	85.0	1.3	101.2	5.8	501.8	126.9	85.0	1.3
06HNO3-36	2120	3085	2.2	0.1414	20.4	0.0133	2.4	0.12	85.2	2.0	134.3	25.6	1123.4	407.7	85.2	2.0
06HNO3-26	276	7820	2.5	0.0982	9.1	0.0133	1.3	0.14	85.4	1.1	95.1	8.2	346.2	203.6	85.4	1.1
06HNO3-62	274	1630	1.2	0.1685	10.9	0.0138	2.0	0.18	88.1	1.8	158.1	16.0	1400.3	206.1	88.1	1.8
06HNO3-97	726	15640	3.0	0.0976	7.4	0.0139	2.4	0.32	88.8	2.1	94.6	6.7	242.6	160.9	88.8	2.1
06HNO3-9	900	15260	2.3	0.0987	3.3	0.0140	1.7	0.51	89.4	1.5	95.6	3.0	252.9	64.7	89.4	1.5
06HNO3-94	584	10780	1.5	0.1108	6.4	0.0144	3.2	0.51	92.3	2.9	106.7	6.4	442.4	122.0	92.3	2.9
06HNO3-83	722	5420	1.4	0.1143	3.9	0.0146	1.8	0.46	93.1	1.7	109.9	4.0	489.7	76.1	93.1	1.7
06HNO3-91	264	7540	3.4	0.1077	5.0	0.0147	1.9	0.38	93.8	1.8	103.9	5.0	342.3	105.8	93.8	1.8
06HNO3-79	344	9865	2.1	0.1127	3.4	0.0154	1.3	0.37	98.3	1.2	108.5	3.5	338.0	72.3	98.3	1.2
06HNO3-63	262	5850	2.4	0.1202	5.2	0.0155	1.0	0.19	98.9	1.0	115.2	5.7	467.4	113.8	98.9	1.0
06HNO3-69	279	3660	2.3	0.1532	10.8	0.0159	5.7	0.53	101.7	5.7	144.7	14.5	925.3	188.5	101.7	5.7
06HNO3-38	333	9995	3.0	0.1190	3.4	0.0162	1.0	0.30	103.5	1.1	114.2	3.7	344.1	73.8	103.5	1.1
06HNO3-12	278	3890	1.6	0.1468	7.0	0.0163	2.7	0.39	104.0	2.8	139.1	9.0	787.8	134.9	104.0	2.8
06HNO3-77	238	5220	1.5	0.1409	5.4	0.0177	2.5	0.47	112.8	2.8	133.8	6.8	525.3	105.1	112.8	2.8
06HNO3-1	221	2890	3.4	0.1753	19.5	0.0181	4.2	0.22	115.4	4.8	164.0	29.5	938.8	393.0	115.4	4.8
06HNO3-80	264	8355	1.9	0.1360	4.2	0.0181	1.0	0.24	115.6	1.1	129.5	5.2	392.6	92.6	115.6	1.1
06HNO3-47	864	2805	2.4	0.2016	21.2	0.0183	1.7	0.08	117.1	1.9	186.5	36.2	1190.8	422.2	117.1	1.9
06HNO3-45	387	9130	1.7	0.1414	5.8	0.0186	3.1	0.52	119.0	3.6	134.2	7.3	413.4	110.6	119.0	3.6
06HNO3-82	199	6485	2.6	0.1530	6.0	0.0204	2.0	0.34	129.9	2.6	144.5	8.0	391.5	125.8	129.9	2.6
06HNO3-17	141	7430	2.0	0.1463	10.1	0.0204	8.4	0.83	130.0	10.8	138.6	13.1	288.5	130.0	130.0	10.8
06HNO3-18	480	10805	1.0	0.1518	3.8	0.0204	1.0	0.26	130.0	1.3	143.5	5.1	372.4	83.0	130.0	1.3
06HNO3-31	214	9950	2.5	0.1496	28.8	0.0205	2.5	0.09	131.1	3.3	141.5	38.0	320.3	663.3	131.1	3.3
06HNO3-2	103	4080	2.3	0.1557	9.2	0.0206	2.7	0.30	131.4	3.6	146.9	12.5	405.0	196.3	131.4	3.6
06HNO3-95	200	6830	1.7	0.1586	6.2	0.0208	2.3	0.37	132.4	3.0	149.5	8.6	428.9	128.4	132.4	3.0
06HNO3-7	121	5340	3.0	0.1666	4.8	0.0208	1.5	0.32	132.6	2.0	156.5	7.0	534.9	100.4	132.6	2.0
06HNO3-76	184	6945	2.2	0.1598	2.8	0.0208	1.7	0.62	133.0	2.3	150.5	3.9	436.1	48.7	133.0	2.3
06HNO3-39	152	4260	2.6	0.1852	13.7	0.0210	2.0	0.15	134.0	2.7	172.6	21.8	739.9	288.9	134.0	2.7
06HNO3-51	77	2855	2.4	0.1860	10.0	0.0215	1.2	0.12	137.1	1.6	173.2	16.0	699.9	212.3	137.1	1.6
06HNO3-78	905	26670	5.0	0.1539	3.8	0.0219	2.5	0.65	139.8	3.4	145.3	5.1	235.4	66.3	139.8	3.4
06HNO3-29	250	11475	1.9	0.1646	4.2	0.0220	2.2	0.53	140.1	3.1	154.7	6.1	385.4	80.6	140.1	3.1
06HNO3-100	165	3445	2.0	0.1992	8.8	0.0220	2.3	0.27	140.4	3.2	184.4	14.8	794.5	177.2	140.4	3.2
06HNO3-35	762	14030	2.0	0.1610	2.6	0.0223	1.0	0.39	142.4	1.4	151.6	3.6	297.8	53.9	142.4	1.4
06HNO3-81	69	1840	1.3	0.2354	9.4	0.0227	1.1	0.12	144.7	1.6	214.7	18.3	1074.3	188.7	144.7	1.6
06HNO3-40	475	9250	1.2	0.1804	2.5	0.0232	1.4	0.54	148.0	2.0	168.4	3.9	465.6	46.6	148.0	2.0
06HNO3-28	184	6575	1.4	0.1912	8.7	0.0235	1.0	0.12	149.8	1.5	177.7	14.1	566.9	187.8	149.8	1.5
06HNO3-90	350	7875	1.6	0.1851	5.0	0.0237	2.3	0.45	150.7	3.4	172.4	7.9	481.4	98.1	150.7	3.4
06HNO3-10	277	14200	2.9	0.1773	4.5	0.0244	2.0	0.45	155.1	3.1	165.7	6.8	319.3	90.3	155.1	3.1
06HNO3-67	430	13295	1.2	0.1869	5.9	0.0251	3.0	0.50	160.0	4.7	174.0	9.4	368.7	115.0	160.0	4.7
06HNO3-14	922	23400	2.4	0.1789	2.4	0.0256	1.2	0.51	162.9	2.0	167.1	3.7	227.0	48.0	162.9	2.0
06HNO3-75	379	13290	1.6	0.2051	4.9	0.0276	1.1	0.22	175.6	1.8	189.5	8.4	365.7	107.4	175.6	1.8
06HNO3-5	438	34125	3.6	0.2659	4.2	0.0372	3.1	0.73	235.5	7.1	239.4	9.0	277.9	66.3	235.5	7.1
06HNO3-27	488	14940	2.2	0.4690	6.5	0.0416	1.8	0.28	262.9	4.7	390.5	21.1	1239.0	122.5	262.9	4.7
06HNO3-70	181	12505	1.7	0.4065	3.0	0.0518	1.0	0.33	325.5	3.2	346.3	8.8	488.3	62.1	325.5	3.2
06HNO3-23	172	12865	1.3	0.4434	2.3	0.0566	1.0	0.43	354.8	3.5	372.6	7.2	484.8	46.3	354.8	3.5
06HNO3-96	988	26670	4.3	0.4783	4.0	0.0582	3.2	0.80	364.7	11.3	396.9	13.1	589.3	51.2	364.7	11.3
06HNO3-53	217	18160	2.3	0.4667	5.6	0.0612	1.5	0.27	383.0	5.7	388.9	18.2	424.1	121.1	383.0	5.7
06HNO3-34	764	75915	3.7	0.4786	2.9	0.0637	2.5	0.86	398.2	9.6	397.1	9.5	391.0	32.6	398.2	9.6
06HNO3-89	281	28020	1.6	0.4929	2.5	0.0649	1.8	0.70	405.5	6.9	406.9	8.5	414.6	40.5	405.5	6.9
06HNO3-56	69	7925	13.2	0.7244	3.9	0.0818	2.4	0.61	506.8	11.6	553.3	16.5	749.4	64.4	506.8	11.6
06HNO3-64	574	43805	1.2	0.6909	5.9	0.0822	1.9	0.32	509.1	9.2	533.3	24.3	638.1	119.3	509.1	9.2
06HNO3-93	741	96720	28.0	0.7167	6.3	0.0872	1.5	0.24	539.1	7.7	548.7	26.7	588.7	132.7	539.1	7.7
06HNO3-43	230	26420	1.8	0.7355	2.4	0.0893	1.1	0.48	551.4	6.0	559.8	10.1	594.1	44.7	551.4	6.0
06HNO3-80CL	440	90815	4.6	0.7860	9.5	0.0956	1.6	0.16	588.7	8.8	588.9	42.5	589.5	203.9	588.7	8.8
06HNO3-65	316	54935	1.6	0.7985	2.5	0.0973	1.0	0.39	598.6	5.7	596.0	11.5	586.3	50.8	598.6	5.7
06HNO3-19	164	63980	4.2	1.7173	2.1	0.1725	1.0	0.49	1025.7	9.9	1015.0	13.7	992.1	37.8	992.1	37.8
06HNO3-8	269	76365	4.0	1.5918	3.3	0.1589	1.7	0.50	950.9	14.8	967.0	20.9	1003.8	58.9	1003.8	58.9
06HNO3-60	369	101370	4.6	1.7390	2.5	0.1717	1.0	0.39	1021.7	9.4	1023.1	16.4	1026.1	47.3	1026.1	47.3
06HNO3-21	411	162880	10.6	1.9234	5.0	0.1841	3.2	0.64	1089.2	32.0	1089.2	33.4	1089.3	77.2	1089.3	77.2
06HNO3-15	99	32180	4.0	1.8790	3.2	0.1788	1.5	0.48	1060.6	15.0	1073.7	21.0	1100.5	55.4	1100.5	55.4
06HNO3-54	295	86250	3.4	2.0425	3.9	0.1900	2.6	0.66	1121.2	26.7	1129.8	26.8	1146.4	58.8	1146.4	58.8
06HNO3-84	715	156020	6.9	1.9612	3.2	0.1822	2.9	0.92	1078.9	28.8	1102.3	21.2	1148.8	24.8	1148.8	24.8
06HNO3-58	414	50790	1.3	1.9352	2.2	0.1792	1.4	0.66	1062.6	14.0	1093.3	14.5	1155.0	32.4	1155.0	32.4
06HNO3-42	472	76615</td														

05DEL04-80	862	5379	1.7	0.07184	4.2	0.01129	3.3	0.78	72.3	2.4	70.4	2.9	6.4	64.3	72.3	2.4
05DEL04-77	475	2065	1.5	0.07624	5.5	0.01165	2.8	0.52	74.7	2.1	74.6	4.0	71.9	112.2	74.7	2.1
05DEL04-50	731	2715	1.8	0.08149	3.7	0.01189	2.0	0.53	76.2	1.5	79.5	2.8	180.8	73.5	76.2	1.5
05DEL04-82	457	971	1.5	0.09919	6.4	0.01196	3.7	0.58	76.6	2.8	96.0	5.8	609.4	111.7	76.6	2.8
05DEL04-95	1130	4171	0.8	0.07833	2.7	0.01211	1.3	0.47	77.6	1.0	76.6	2.0	45.7	56.4	77.6	1.0
05DEL04-15	497	3155	1.5	0.07411	4.2	0.01212	1.6	0.38	77.7	1.2	72.6	2.9	-91.0	94.4	77.7	1.2
05DEL04-51	350	1035	1.0	0.08632	7.3	0.01239	3.8	0.52	79.4	3.0	84.1	5.9	219.0	145.0	79.4	3.0
05DEL04-1	730	5023	2.9	0.08024	4.0	0.01253	1.2	0.30	80.3	0.9	78.4	3.0	19.9	91.9	80.3	0.9
05DEL04-47	754	3850	1.3	0.07891	5.0	0.01254	2.9	0.60	80.3	2.4	77.1	3.7	-20.8	96.2	80.3	2.4
05DEL04-84	1673	4356	0.6	0.08661	7.4	0.01259	3.0	0.41	80.6	2.4	84.3	6.0	190.4	157.3	80.6	2.4
05DEL04-34	577	2166	2.1	0.08580	3.7	0.01271	2.6	0.71	81.4	2.1	83.6	2.9	145.2	60.2	81.4	2.1
05DEL04-9	198	1407	1.4	0.06972	6.8	0.01275	2.8	0.41	81.7	2.3	68.4	4.5	-373.7	161.2	81.7	2.3
05DEL04-57	1333	4535	1.7	0.08617	5.9	0.01278	4.0	0.67	81.8	3.2	83.9	4.8	143.6	102.9	81.8	3.2
05DEL04-81	97	755	1.7	0.04477	24.0	0.01286	6.1	0.26	82.4	5.0	44.5	10.4	-1723.7	821.9	82.4	5.0
05DEL04-69	385	2107	1.1	0.08005	5.9	0.01335	4.5	0.77	85.5	3.8	78.2	4.4	-140.1	93.6	85.5	3.8
05DEL04-65	346	1013	1.7	0.10481	8.7	0.01366	1.8	0.20	87.5	1.6	101.2	8.4	438.6	190.1	87.5	1.6
05DEL04-93	368	1220	1.4	0.10065	6.8	0.01388	4.7	0.70	88.9	4.2	97.4	6.3	311.1	110.1	88.9	4.2
05DEL04-62	285	1340	1.7	0.09802	9.5	0.01391	3.3	0.34	89.1	2.9	94.9	8.6	245.3	206.2	89.1	2.9
05DEL04-18	447	2556	1.8	0.08932	7.3	0.01396	2.2	0.30	89.3	2.0	86.9	6.1	-19.4	167.0	89.3	2.0
05DEL04-58	290	2076	1.7	0.08180	6.5	0.01419	2.3	0.35	90.8	2.1	79.8	5.0	-238.5	153.5	90.8	2.1
05DEL04-26	861	1811	1.4	0.10696	6.4	0.01430	3.4	0.54	91.5	3.1	103.2	6.3	381.1	121.5	91.5	3.1
05DEL04-35	1304	1167	1.0	0.13368	14.5	0.01435	4.0	0.27	91.8	3.6	127.4	17.3	855.6	290.7	91.8	3.6
05DEL04-31	1294	10573	1.8	0.09819	1.7	0.01503	0.9	0.54	96.2	0.9	95.1	1.6	68.2	35.1	96.2	0.9
05DEL04-14	260	2398	1.5	0.08285	12.2	0.01540	3.2	0.27	98.5	3.2	80.8	9.5	-415.6	308.6	98.5	3.2
05DEL04-38	234	645	1.3	0.10129	7.8	0.01565	3.2	0.41	100.1	3.2	98.0	7.3	45.8	170.8	100.1	3.2
05DEL04-91	351	952	0.9	0.13050	12.8	0.01585	2.3	0.18	101.4	2.3	124.5	15.0	593.1	274.8	101.4	2.3
05DEL04-40	521	4104	1.4	0.10605	7.2	0.01594	6.7	0.93	101.9	6.8	102.3	7.0	112.0	63.6	101.9	6.8
05DEL04-28	375	1380	1.7	0.11644	9.7	0.01602	4.6	0.47	102.5	4.6	111.8	10.2	316.4	193.8	102.5	4.6
05DEL04-4	290	2762	1.2	0.10531	4.5	0.01631	2.6	0.59	104.3	2.7	101.7	4.3	41.3	86.1	104.3	2.7
05DEL04-33	162	2563	1.9	0.12271	7.5	0.01897	2.6	0.35	121.1	3.1	117.5	8.3	45.2	167.4	121.1	3.1
05DEL04-7	581	7006	1.0	0.12798	4.7	0.01973	3.9	0.82	125.9	4.8	122.3	5.4	51.6	63.4	125.9	4.8
05DEL04-61	226	3573	2.7	0.12602	9.7	0.02017	1.1	0.11	128.7	1.4	120.5	11.0	-38.5	233.8	128.7	1.4
05DEL04-94	223	1252	1.7	0.15313	10.2	0.02034	2.6	0.25	129.8	3.3	144.7	13.8	395.4	222.7	129.8	3.3
05DEL04-96	1135	1229	3.4	0.22479	25.3	0.02047	6.9	0.27	130.7	8.9	205.9	47.1	1187.8	487.0	130.7	8.9
05DEL04-85	480	3747	2.6	0.14050	2.7	0.02061	1.8	0.64	131.5	2.3	133.5	3.4	169.2	49.3	131.5	2.3
05DEL04-88	1666	8630	0.6	0.14545	2.4	0.02061	0.8	0.31	131.5	1.0	137.9	3.1	249.5	53.3	131.5	1.0
05DEL04-98	292	2819	2.7	0.13423	6.7	0.02061	2.2	0.32	131.5	2.8	127.9	8.0	61.4	151.2	131.5	2.8
05DEL04-27	292	3403	1.8	0.12690	5.8	0.02066	2.3	0.41	131.8	3.1	121.3	6.6	-80.7	129.6	131.8	3.1
05DEL04-19	1284	9075	1.3	0.13915	3.2	0.02085	2.6	0.81	133.0	3.4	132.3	4.0	118.9	45.3	133.0	3.4
05DEL04-37	512	2164	1.9	0.17176	24.7	0.02089	1.9	0.08	133.3	2.5	160.9	36.8	590.0	541.5	133.3	2.5
05DEL04-12	205	2855	1.5	0.13429	6.0	0.02119	2.5	0.41	135.2	3.3	127.9	7.3	-4.1	132.7	135.2	3.3
05DEL04-21	211	1634	1.8	0.15846	6.9	0.02189	3.5	0.51	139.6	4.8	149.4	9.5	307.4	134.9	139.6	4.8
05DEL04-70	64	721	2.5	0.12972	25.9	0.02202	6.4	0.25	140.4	8.9	123.8	30.2	-183.8	633.9	140.4	8.9
05DEL04-86	253	3275	1.5	0.14292	9.3	0.02251	6.8	0.73	143.5	9.6	135.6	11.8	0.4	154.1	143.5	9.6
05DEL04-97	795	958	3.6	0.24160	11.5	0.02403	1.9	0.17	153.1	2.9	219.7	22.7	1011.8	229.9	153.1	2.9
05DEL04-60	155	562	0.5	0.22013	12.4	0.02429	7.8	0.63	154.7	12.0	202.0	22.6	797.4	200.8	154.7	12.0
05DEL04-11	701	6832	2.6	0.16099	2.8	0.02441	2.0	0.73	155.5	3.1	151.6	3.9	91.3	45.0	155.5	3.1
05DEL04-41	1164	3926	1.1	0.18235	5.2	0.02482	3.2	0.61	158.0	5.0	170.1	8.2	340.9	93.3	158.0	5.0
05DEL04-24	682	3495	2.7	0.17698	6.7	0.02485	3.9	0.58	158.2	6.1	165.5	10.3	270.1	126.6	158.2	6.1
05DEL04-100	270	3034	1.9	0.16605	2.7	0.02498	1.2	0.44	159.0	1.9	156.0	4.0	109.9	58.3	159.0	1.9
05DEL04-3	320	5344	1.7	0.15948	5.0	0.02517	1.8	0.37	160.2	2.9	150.2	7.0	-4.8	112.2	160.2	2.9
05DEL04-79	915	11507	0.9	0.17390	1.7	0.02595	1.2	0.70	165.1	1.9	162.8	2.5	128.9	28.2	165.1	1.9
05DEL04-89	703	8560	0.5	0.21772	2.4	0.03170	2.1	0.88	201.2	4.2	200.0	4.4	186.0	26.9	201.2	4.2
05DEL04-39	636	8848	1.0	0.22650	2.2	0.03305	1.7	0.78	209.6	3.6	207.3	4.2	181.1	32.2	209.6	3.6
05DEL04-56	366	7381	0.7	0.25543	2.5	0.03745	1.6	0.67	237.0	3.8	231.0	5.1	170.1	42.9	237.0	3.8
05DEL04-75	956	17736	1.4	0.27023	2.6	0.03868	1.6	0.63	244.6	3.9	242.9	5.5	225.9	46.0	244.6	3.9
05DEL04-42	359	6920	1.6	0.28475	3.8	0.04039	3.0	0.81	255.3	7.6	254.4	8.5	246.5	50.5	255.3	7.6
05DEL04-71	170	2243	2.0	0.30931	4.4	0.04148	2.1	0.47	262.0	5.4	273.6	10.7	374.3	88.1	262.0	5.4
05DEL04-67	519	7952	2.1	0.29246	3.7	0.04194	2.3	0.64	264.8	6.1	260.5	8.5	221.6	65.5	264.8	6.1
05DEL04-8	238	5900	1.9	0.30290	2.4	0.04330	1.4	0.57	273.3	3.7	268.7	5.7	228.7	46.1	273.3	3.7
05DEL04-48	687	4787	2.4	0.36793	6.0	0.04659	4.8	0.80	293.5	13.9	318.1	16.5	502.3	79.4	293.5	13.9
05DEL04-32	152	1886	1.1	0.52862	5.5	0.06337	4.8	0.86	396.1	18.3	430.9	19.4	621.4	61.0	396.1	18.3
05DEL04-20	163	3522	1.5	0.51452	4.0	0.06479	2.3	0.59	404.7	9.2	421.5	13.6	514.3	69.9	404.7	9.2
05DEL04-78	610	5403	0.7	0.54668	4.6	0.06795	3.6	0.77	423.8	14.6	442.8	16.7	542.9	65.3	423.8	14.6
05DEL04-54	289	7775	1.3	0.53176	4.6	0.06908	3.0	0.65	430.6	12.4	433.0	16.3	445.6	78.7	430.6	12.4
05DEL04-63	295	6671	1.2	0.65639	6.7	0.07778	5.3	0.80	482.8	24.6	512.4	26.8	646.6	86.6	482.8	24.6
05DEL04-74	317	11527	0.8	0.74546	3.3	0.08970	3.1	0.93	553.8	16.2	565.6	14.3	613.3	26.9	553.8	16.2
05DEL04-87	130	4834	0													

05DEL04-22	330	5901	1.3	3.63954	10.6	0.24919	10.2	0.96	1434.3	131.2	1558.2	84.5	1730.5	52.1	1730.5	52.1
05DEL04-5	115	7375	1.6	3.65078	6.8	0.24681	6.6	0.97	1422.0	84.2	1560.7	54.3	1753.7	30.8	1753.7	30.8
05DEL04-25	178	26293	0.8	4.90387	2.9	0.32153	1.5	0.51	1797.2	23.6	1802.9	24.8	1809.5	46.0	1809.5	46.0
05DEL04-36	1909	98222	2.1	4.45465	2.0	0.29090	1.6	0.80	1646.0	22.9	1722.6	16.4	1816.9	21.8	1816.9	21.8
05DEL04-53	115	12065	1.0	4.69096	3.8	0.30234	3.4	0.90	1702.9	51.1	1765.6	31.9	1840.7	30.6	1840.7	30.6
05DEL04-64	49	18172	0.6	12.94734	3.2	0.50667	2.7	0.84	2642.4	58.9	2675.8	30.3	2701.2	28.4	2701.2	28.4

Upper Part of Upper Sandstone Member of Potrerillos Formation (05DEL05)

05DEL05-77	182	433	1.9	0.06610	14.7	0.00872	5.7	0.39	56.0	3.2	65.0	9.3	410.9	304.4	56.0	3.2
05DEL05-51	557	767	0.8	0.06139	13.3	0.00897	4.5	0.34	57.6	2.6	60.5	7.8	178.8	292.6	57.6	2.6
05DEL05-103	576	887	0.8	0.06356	7.6	0.00914	4.1	0.55	58.7	2.4	62.6	4.6	215.0	146.7	58.7	2.4
05DEL05-91	475	727	0.9	0.06792	6.6	0.00915	3.5	0.54	58.7	2.1	66.7	4.2	364.9	125.2	58.7	2.1
05DEL05-95	295	472	0.6	0.07123	10.3	0.00919	5.6	0.54	59.0	3.3	69.9	6.9	461.4	191.0	59.0	3.3
05DEL05-76	317	1018	3.0	0.06192	10.8	0.00923	4.6	0.43	59.2	2.7	61.0	6.4	131.0	230.1	59.2	2.7
05DEL05-54	1436	5047	1.8	0.06633	3.4	0.00966	2.5	0.74	62.0	1.6	65.2	2.2	185.5	53.9	62.0	1.6
05DEL05-20	361	1103	0.8	0.06738	8.5	0.00969	5.0	0.60	62.2	3.1	66.2	5.4	215.4	157.4	62.2	3.1
05DEL05-1	114	361	0.7	0.07658	19.7	0.00993	8.7	0.44	63.7	5.5	74.9	14.2	450.1	396.1	63.7	5.5
05DEL05-78	734	2614	1.5	0.06980	5.4	0.01023	2.2	0.42	65.6	1.5	68.5	3.6	171.9	114.0	65.6	1.5
05DEL05-45	441	633	0.8	0.07764	8.3	0.01026	6.1	0.73	65.8	4.0	75.9	6.1	407.5	127.0	65.8	4.0
05DEL05-41	2582	979	5.5	0.07144	10.4	0.01032	8.2	0.79	66.2	5.4	70.1	7.0	205.3	147.5	66.2	5.4
05DEL05-102	443	1146	1.1	0.07488	7.3	0.01065	2.4	0.33	68.3	1.6	73.3	5.2	239.9	160.0	68.3	1.6
05DEL05-63	1490	1812	1.0	0.07305	6.6	0.01067	5.0	0.77	68.4	3.4	71.6	4.6	177.9	98.6	68.4	3.4
05DEL05-84	738	1244	5.0	0.07239	10.2	0.01075	2.5	0.24	68.9	1.7	71.0	7.0	139.5	232.4	68.9	1.7
05DEL05-65	509	2076	1.8	0.07533	4.6	0.01084	2.4	0.52	69.5	1.7	73.7	3.2	212.8	90.0	69.5	1.7
05DEL05-28	563	1534	1.6	0.07656	10.7	0.01091	5.3	0.49	70.0	3.7	74.9	7.7	235.5	214.8	70.0	3.7
05DEL05-87	259	372	0.9	0.08939	14.4	0.01115	5.3	0.37	71.5	3.8	86.9	12.0	535.1	294.9	71.5	3.8
05DEL05-85	195	716	1.1	0.07739	12.8	0.01116	4.1	0.32	71.5	2.9	75.7	9.3	209.3	280.8	71.5	2.9
05DEL05-69	770	2743	1.2	0.07416	3.9	0.01118	2.7	0.69	71.6	1.9	72.6	2.8	105.4	67.7	71.6	1.9
05DEL05-21	178	562	1.2	0.08777	11.0	0.01168	6.2	0.56	74.8	4.6	85.4	9.1	392.5	205.8	74.8	4.6
05DEL05-32	384	1460	1.6	0.07972	9.0	0.01173	6.3	0.69	75.2	4.7	77.9	6.8	162.2	152.2	75.2	4.7
05DEL05-98	173	554	1.9	0.08771	13.3	0.01174	6.7	0.50	75.2	5.0	85.4	10.9	378.8	259.7	75.2	5.0
05DEL05-71	373	1656	1.4	0.08119	7.3	0.01184	5.0	0.69	75.9	3.8	79.3	5.5	182.5	123.2	75.9	3.8
05DEL05-23	300	913	1.1	0.08091	11.7	0.01185	6.0	0.51	76.0	4.5	79.0	8.9	172.1	234.0	76.0	4.5
05DEL05-93	220	858	1.9	0.08161	14.0	0.01208	9.9	0.71	77.4	7.6	79.7	10.7	147.0	232.6	77.4	7.6
05DEL05-39	538	1541	2.5	0.08247	5.1	0.01211	2.8	0.55	77.6	2.2	80.5	4.0	166.6	100.0	77.6	2.2
05DEL05-72	535	2154	1.5	0.08645	7.8	0.01223	5.6	0.72	78.3	4.3	84.2	6.3	253.4	124.6	78.3	4.3
05DEL05-42	471	1482	3.6	0.08986	9.8	0.01250	7.4	0.76	80.1	5.9	87.4	8.2	291.3	144.7	80.1	5.9
05DEL05-67	93	263	1.0	0.07009	22.8	0.01278	8.4	0.37	81.8	6.8	68.8	15.2	-364.8	554.0	81.8	6.8
05DEL05-75	825	2552	1.5	0.08752	4.1	0.01291	2.0	0.50	82.7	1.7	85.2	3.3	156.7	82.7	82.7	1.7
05DEL05-36	475	1055	1.4	0.09256	8.5	0.01291	7.0	0.82	82.7	5.7	89.9	7.3	284.6	109.8	82.7	5.7
05DEL05-92	220	854	1.8	0.09310	9.3	0.01300	6.1	0.66	83.3	5.1	90.4	8.1	282.8	161.5	83.3	5.1
05DEL05-31	139	1116	2.3	0.10430	16.3	0.01315	8.6	0.53	84.2	7.2	100.7	15.6	510.9	305.4	84.2	7.2
05DEL05-5	229	888	1.6	0.09658	8.2	0.01364	2.2	0.27	87.3	1.9	93.6	7.3	257.5	182.0	87.3	1.9
05DEL05-13	78	393	1.8	0.10398	17.7	0.01391	5.9	0.33	89.0	5.2	100.4	17.0	380.3	378.6	89.0	5.2
05DEL05-49	752	3304	0.9	0.09385	3.5	0.01392	2.9	0.85	89.1	2.6	91.1	3.0	142.0	42.8	89.1	2.6
05DEL05-100	195	909	2.3	0.09605	13.9	0.01422	7.5	0.54	91.0	6.8	93.1	12.4	146.8	276.7	91.0	6.8
05DEL05-66	409	1881	1.6	0.09806	5.8	0.01436	3.4	0.59	91.9	3.1	95.0	5.3	173.4	110.0	91.9	3.1
05DEL05-89	203	888	1.3	0.10406	10.8	0.01451	8.1	0.75	92.9	7.5	100.5	10.3	286.0	164.0	92.9	7.5
05DEL05-50	726	2469	1.5	0.10225	3.1	0.01457	1.5	0.50	93.3	1.4	98.8	2.9	235.8	62.2	93.3	1.4
05DEL05-19	274	501	1.6	0.11184	11.5	0.01467	5.2	0.46	93.9	4.9	107.6	11.7	423.7	227.9	93.9	4.9
05DEL05-48	145	420	0.7	0.12063	8.4	0.01469	3.6	0.43	94.0	3.4	115.6	9.2	587.1	165.2	94.0	3.4
05DEL05-43	1206	4042	2.0	0.09830	6.0	0.01494	4.6	0.76	95.6	4.3	95.2	5.5	85.9	93.5	95.6	4.3
05DEL05-4	196	776	1.3	0.11223	7.3	0.01521	3.3	0.46	97.3	3.2	108.0	7.4	351.2	146.0	97.3	3.2
05DEL05-101	199	784	1.6	0.10778	10.7	0.01523	5.6	0.53	97.4	5.5	103.9	10.5	255.8	208.3	97.4	5.5
05DEL05-44	115	761	2.5	0.10910	12.7	0.01535	8.2	0.65	98.2	8.0	105.1	12.7	265.2	222.3	98.2	8.0
05DEL05-90	105	318	1.6	0.13267	13.7	0.01549	5.0	0.36	99.1	4.9	126.5	16.3	678.0	274.1	99.1	4.9
05DEL05-88	313	639	1.3	0.16338	8.0	0.02152	3.2	0.40	137.2	4.4	153.7	11.5	415.0	164.7	137.2	4.4
05DEL05-35	171	1114	0.4	0.16940	9.5	0.02287	5.3	0.56	145.7	7.7	158.9	14.0	359.7	178.9	145.7	7.7
05DEL05-18	777	4923	2.1	0.16532	5.3	0.02406	3.4	0.64	153.2	5.2	155.3	7.7	187.6	95.9	153.2	5.2
05DEL05-22	217	1344	1.3	0.16833	6.9	0.02421	3.6	0.53	154.2	5.6	158.0	10.1	214.6	136.6	154.2	5.6
05DEL05-47	502	899	1.6	0.18945	6.0	0.02553	2.9	0.48	162.5	4.7	176.2	9.7	363.9	118.7	162.5	4.7
05DEL05-24	569	2084	0.8	0.18771	8.0	0.02677	4.2	0.52	170.3	7.1	174.7	12.9	234.7	157.9	170.3	7.1
05DEL05-27	294	496	1.4	0.20161	19.3	0.02778	2.6	0.13	176.6	4.5	186.5	32.9	313.5	438.4	176.6	4.5
05DEL05-38	418	2911	1.0	0.19919	4.3	0.02783	2.0	0.46	177.0	3.5	184.4	7.3	281.2	88.4	177.0	3.5
05DEL05-14	625	4060	4.9	0.22200	2.4	0.03134	1.9	0.77	198.9	3.7	203.6	4.5	257.7	35.9	198.9	3.7
05DEL05-46	380	2338	1.2	0.23318	4.2	0.03272	3.2	0.76	207.6	6.5	212.8	8.0	271.4	62.0	207.6	6.5
05DEL05-53	157	395	0.6	0.30875	15.2	0.03794	4.									

05DEL05-33	193	2904	1.0	1.89170	5.3	0.17966	5.0	0.95	1065.1	49.5	1078.2	35.3	1104.7	34.1	1065.1	49.5
05DEL05-29	179	9861	1.8	1.99776	2.7	0.18487	2.4	0.90	1093.5	24.2	1114.8	18.1	1156.3	23.3	1093.5	24.2
05DEL05-70	209	15017	2.0	2.18061	2.4	0.19794	2.2	0.91	1164.3	23.6	1174.9	17.0	1194.4	20.3	1164.3	23.6
05DEL05-55	100	8485	3.1	2.53087	2.8	0.21617	2.3	0.83	1261.6	26.8	1281.0	20.6	1313.5	30.6	1313.5	30.6
05DEL05-82	161	4343	0.7	2.79725	5.7	0.22960	5.5	0.97	1332.4	66.6	1354.8	42.8	1390.3	28.2	1390.3	28.2
05DEL05-3	207	10913	0.9	2.95957	4.9	0.24224	4.1	0.85	1398.3	51.6	1397.3	36.8	1395.7	49.6	1395.7	49.6
05DEL05-6	240	14046	1.7	2.99276	2.5	0.23930	2.3	0.91	1383.1	28.5	1405.8	19.1	1440.4	19.3	1440.4	19.3
05DEL05-57	123	11592	1.0	3.14096	3.7	0.24484	2.8	0.77	1411.8	35.9	1442.8	28.3	1488.8	44.4	1488.8	44.4
05DEL05-7	550	28334	2.0	3.75791	3.1	0.26813	3.0	0.95	1531.3	40.7	1583.8	25.3	1654.4	18.6	1654.4	18.6
05DEL05-58	248	15854	1.7	3.97110	4.1	0.28271	3.2	0.79	1605.0	45.6	1628.3	33.0	1658.5	46.4	1658.5	46.4
05DEL05-8	35	2538	1.3	4.13527	6.5	0.29244	6.2	0.94	1653.7	90.0	1661.3	53.5	1670.9	39.9	1670.9	39.9
05DEL05-60	339	21326	1.3	4.06586	4.5	0.28631	4.1	0.91	1623.0	58.4	1647.5	36.4	1678.8	33.6	1678.8	33.6
05DEL05-10	277	13522	1.5	4.09729	1.9	0.28737	1.0	0.52	1628.4	14.4	1653.8	15.8	1686.2	30.5	1686.2	30.5
05DEL05-52	428	2709	1.5	3.68410	3.6	0.25654	2.6	0.71	1472.1	33.8	1567.9	29.1	1699.4	47.5	1699.4	47.5
05DEL05-96	333	8270	1.6	4.15211	2.7	0.28448	1.4	0.51	1613.9	19.6	1664.6	22.2	1729.2	42.9	1729.2	42.9
05DEL05-74	100	6397	2.6	4.32246	2.7	0.29415	2.4	0.87	1662.2	34.6	1697.7	22.4	1741.7	24.4	1741.7	24.4
05DEL05-68	150	13403	1.6	4.68249	6.9	0.31474	6.8	0.99	1764.0	105.7	1764.1	58.1	1764.3	20.4	1764.3	20.4
05DEL05-64	475	38499	1.7	6.21292	2.8	0.36003	2.7	0.94	1982.3	45.3	2006.3	24.8	2031.0	17.7	2031.0	17.7
05DEL05-80	274	26471	0.9	7.62381	5.9	0.40608	5.2	0.88	2197.0	96.1	2187.7	52.9	2178.9	49.5	2178.9	49.5
05DEL05-34	85	6077	1.2	13.50661	1.6	0.51927	1.2	0.73	2696.1	25.6	2715.7	15.1	2730.4	18.1	2730.4	18.1

#### Lower Part of Viento Formation (05DEL06)

05DEL06-8	512	1367	1.0	0.05535	5.9	0.00841	3.0	0.51	54.0	1.6	54.7	3.1	85.8	120.8	54.0	1.6	
05DEL06-10	994	3140	1.2	0.05755	4.9	0.00847	2.4	0.49	54.4	1.3	56.8	2.7	161.7	99.2	54.4	1.3	
05DEL06-49	798	1830	0.9	0.05401	4.3	0.08050	2.0	0.47	54.5	1.1	53.4	2.2	2.7	91.7	54.5	1.1	
05DEL06-81	1172	2400	2.8	0.05660	5.0	0.08852	2.2	0.44	54.7	1.2	55.9	2.7	107.2	104.8	54.7	1.2	
05DEL06-94	237	638	1.4	0.05884	12.0	0.08872	5.5	0.45	56.0	3.0	58.1	6.8	144.7	252.1	56.0	3.0	
05DEL06-87	150	402	1.6	0.07078	13.6	0.08876	8.1	0.60	56.2	4.6	69.4	9.1	552.8	238.8	56.2	4.6	
05DEL06-15	1028	1906	1.0	0.05683	3.2	0.08880	1.8	0.56	56.5	1.0	56.1	1.8	39.7	63.5	56.5	1.0	
05DEL06-9	2252	8888	3.6	0.05904	3.4	0.08895	2.3	0.69	57.4	1.3	58.2	1.9	92.1	58.3	57.4	1.3	
05DEL06-43	577	1363	2.0	0.06212	7.9	0.08897	4.3	0.54	57.6	2.4	61.2	4.7	204.4	154.2	57.6	2.4	
05DEL06-64	411	1153	0.9	0.06190	7.4	0.09001	2.9	0.39	57.8	1.7	61.0	4.4	186.9	158.3	57.8	1.7	
05DEL06-78	520	931	0.5	0.05533	9.3	0.09002	5.6	0.60	57.9	3.2	54.7	5.0	-84.7	182.4	57.9	3.2	
05DEL06-91	523	1464	1.5	0.06162	6.3	0.09090	3.7	0.59	58.4	2.1	60.7	3.7	155.1	118.8	58.4	2.1	
05DEL06-41	136	516	1.8	0.05336	16.7	0.09029	7.9	0.47	59.6	4.7	52.8	8.6	-247.1	373.6	59.6	4.7	
05DEL06-48	197	831	2.2	0.06931	15.2	0.09038	5.8	0.38	60.2	3.5	68.0	10.0	353.3	319.1	60.2	3.5	
05DEL06-27	338	649	1.3	0.06027	11.3	0.09044	4.7	0.42	60.6	2.8	59.4	6.5	12.5	246.8	60.6	2.8	
05DEL06-30	593	1506	1.5	0.06083	6.2	0.09054	2.0	0.31	61.2	1.2	60.0	3.6	3.6	114.1	141.7	61.2	1.2
05DEL06-40	244	867	2.0	0.05679	14.5	0.09076	5.5	0.38	62.6	3.4	56.1	7.9	-215.8	337.5	62.6	3.4	
05DEL06-33	236	822	1.4	0.06089	10.4	0.01002	4.6	0.44	64.3	3.0	60.0	6.1	-106.5	229.4	64.3	3.0	
05DEL06-65	588	1864	0.9	0.07053	6.8	0.01007	5.2	0.77	64.6	3.3	69.2	4.5	231.7	100.1	64.6	3.3	
05DEL06-89	260	515	1.6	0.07110	23.0	0.01028	5.4	0.23	65.9	3.5	69.7	15.5	202.5	525.6	65.9	3.5	
05DEL06-25	231	840	1.9	0.06229	11.1	0.01062	2.6	0.23	68.1	1.7	61.4	6.6	-194.4	270.2	68.1	1.7	
05DEL06-2	261	1304	2.1	0.07312	14.9	0.01085	5.3	0.35	69.6	3.7	71.7	10.3	141.4	328.7	69.6	3.7	
05DEL06-55	999	2421	1.4	0.07365	4.2	0.01114	2.7	0.64	71.4	1.9	72.2	2.9	97.1	77.2	71.4	1.9	
05DEL06-100	345	1321	1.7	0.07647	9.6	0.01123	3.8	0.40	72.0	2.8	74.8	6.9	165.6	205.4	72.0	2.8	
05DEL06-96	690	722	1.7	0.07173	6.2	0.01149	2.3	0.37	73.7	1.7	70.3	4.2	-41.4	140.6	73.7	1.7	
05DEL06-54	381	1212	1.4	0.08395	8.6	0.01152	4.3	0.51	73.8	3.2	81.9	6.7	322.4	168.3	73.8	3.2	
05DEL06-46	313	1211	1.5	0.07611	10.9	0.01159	5.9	0.54	74.3	4.3	74.5	7.9	80.8	219.3	74.3	4.3	
05DEL06-80	237	1221	1.1	0.08415	9.9	0.01167	5.3	0.54	74.8	4.0	82.0	7.8	298.1	191.8	74.8	4.0	
05DEL06-93	185	771	0.7	0.08298	12.3	0.01186	7.1	0.58	76.0	5.4	80.9	9.5	230.1	230.7	76.0	5.4	
05DEL06-28	716	2358	1.5	0.07771	5.8	0.01187	4.5	0.78	76.1	3.4	76.0	4.3	73.4	86.9	76.1	3.4	
05DEL06-97	377	1435	1.9	0.07661	10.4	0.01189	6.2	0.59	76.2	4.7	75.0	7.5	34.9	201.4	76.2	4.7	
05DEL06-50	483	1752	1.7	0.08034	4.8	0.01215	2.9	0.62	77.8	2.3	78.5	3.6	97.6	89.2	77.8	2.3	
05DEL06-85	711	1872	1.9	0.08242	5.5	0.01227	3.8	0.70	78.6	3.0	80.4	4.2	133.4	92.3	78.6	3.0	
05DEL06-53	274	650	0.9	0.10277	13.4	0.01236	4.4	0.33	79.2	3.5	99.3	12.6	614.2	273.0	79.2	3.5	
05DEL06-67	874	2935	1.9	0.08015	5.6	0.01239	4.9	0.87	79.4	3.8	78.3	4.2	45.8	66.8	79.4	3.8	
05DEL06-82	504	1504	2.2	0.08046	4.6	0.01251	2.4	0.52	80.1	1.9	78.6	3.5	31.5	94.1	80.1	1.9	
05DEL06-56	328	1083	1.2	0.08255	8.5	0.01252	4.4	0.52	80.2	3.5	80.5	6.6	90.3	172.8	80.2	3.5	
05DEL06-86	435	1030	1.9	0.08578	6.6	0.01272	3.3	0.50	81.5	2.7	83.6	5.3	143.0	135.5	81.5	2.7	
05DEL06-45	1393	4356	1.5	0.08575	4.1	0.01315	3.5	0.86	84.2	2.9	83.5	3.3	64.6	49.3	84.2	2.9	
05DEL06-74	428	924	0.8	0.09787	7.9	0.01461	2.4	0.30	93.5	2.2	94.8	7.2	128.1	178.3	93.5	2.2	
05DEL06-26	322	810	1.8	0.09702	11.6	0.01498	3.2	0.28	95.9	3.0	94.0	10.4	47.7	265.8	95.9	3.0	
05DEL06-12	733	2256	1.8	0.10179	5.2	0.01509	3.6	0.69	96.5	3.5	98.4	4.9	144.9	89.2	96.5	3.5	
05DEL06-79	300	972	0.8	0.09931	8.5	0.01511	3.5	0.42	96.7	3.4	96.1	7.8	82.1	183.3	96.7	3.4	
05DEL06-22	145	665	1.5	0.12000	11.6	0.01819	4.3	0.37	116.2	4.9	115.1	12.6	91.3	256.6	116.2	4.9	
05DEL06-52																	

05DEL06-24	422	4590	1.8	0.28371	4.2	0.03980	3.0	0.71	251.6	7.4	253.6	9.5	271.9	68.2	251.6	7.4
05DEL06-14	454	3740	2.1	0.28151	4.0	0.03987	2.8	0.71	252.0	6.9	251.9	8.8	250.2	64.4	252.0	6.9
05DEL06-42	63	899	0.8	0.30166	12.1	0.04291	5.7	0.47	270.9	15.1	267.7	28.4	240.0	245.8	270.9	15.1
05DEL06-29	255	5020	0.4	0.51084	2.5	0.06779	1.9	0.77	422.8	7.9	419.0	8.7	398.2	36.3	422.8	7.9
05DEL06-72	293	4093	1.5	0.58005	4.7	0.07271	2.6	0.54	452.4	11.2	464.5	17.6	524.5	86.7	452.4	11.2
05DEL06-4	101	5162	1.4	0.59063	7.5	0.07280	5.8	0.77	453.0	25.3	471.3	28.4	561.2	105.5	453.0	25.3
05DEL06-95	84	2212	0.5	0.79792	4.3	0.09382	3.2	0.74	578.1	17.6	595.7	19.5	663.0	62.5	578.1	17.6
05DEL06-84	447	7315	1.3	0.92310	4.4	0.09940	4.2	0.96	610.9	24.4	664.0	21.2	848.8	24.6	610.9	24.4
05DEL06-92	167	1845	2.3	1.43407	4.8	0.14267	3.1	0.63	859.7	24.7	903.2	29.0	1011.2	76.1	859.7	24.7
05DEL06-39	171	3586	1.9	1.39242	4.5	0.14419	3.2	0.71	868.3	26.1	885.7	26.8	929.4	65.7	868.3	26.1
05DEL06-60	215	7371	2.2	1.61071	4.0	0.16386	3.1	0.79	978.2	28.4	974.4	24.9	965.8	50.2	978.2	28.4
05DEL06-16	116	6323	1.3	1.76471	2.5	0.17016	1.3	0.54	1013.0	12.6	1032.6	16.3	1074.3	42.7	1013.0	12.6
05DEL06-23	218	6091	0.9	1.89208	3.0	0.17772	2.4	0.79	1054.5	23.4	1078.3	20.2	1126.7	37.3	1054.5	23.4
05DEL06-5	78	7658	2.8	1.88642	8.4	0.17854	6.1	0.72	1059.0	59.4	1076.3	55.9	1111.6	116.4	1059.0	59.4
05DEL06-57	98	4199	1.9	1.92595	3.7	0.18278	3.3	0.90	1082.1	33.3	1090.1	24.9	1106.1	33.0	1082.1	33.3
05DEL06-20	209	10465	1.4	1.98981	3.9	0.18803	3.7	0.94	1110.7	37.6	1112.1	26.5	1114.7	26.6	1110.7	37.6
05DEL06-71	116	1110	2.5	2.01399	3.4	0.19238	2.3	0.69	1134.3	24.4	1120.2	22.9	1093.1	48.8	1134.3	24.4
05DEL06-38	466	19836	2.9	2.03818	4.2	0.19256	3.8	0.90	1135.2	39.3	1128.4	28.7	1115.1	37.4	1135.2	39.3
05DEL06-37	179	8370	0.8	2.65432	2.3	0.22188	2.0	0.87	1291.8	23.6	1315.8	17.1	1355.2	22.0	1355.2	22.0
05DEL06-62	252	17683	0.7	2.93890	3.8	0.23973	3.7	0.96	1385.3	45.8	1392.0	29.0	1402.2	20.8	1402.2	20.8
05DEL06-90	233	11679	1.1	2.75926	2.3	0.22484	2.0	0.85	1307.4	23.1	1344.6	17.1	1404.3	23.0	1404.3	23.0
05DEL06-36	208	16293	1.7	2.97514	3.5	0.24204	3.2	0.92	1397.3	40.3	1401.3	26.6	1407.3	26.7	1407.3	26.7
05DEL06-68	158	9929	2.1	2.72278	6.2	0.22126	6.1	0.99	1288.5	71.8	1334.7	46.4	1409.5	20.3	1409.5	20.3
05DEL06-6	301	19408	2.4	2.83570	2.2	0.23022	1.9	0.89	1335.7	23.4	1365.0	16.4	1411.3	19.3	1411.3	19.3
05DEL06-98	525	40561	2.2	2.99481	2.1	0.24272	1.8	0.86	1400.8	22.9	1406.3	16.0	1414.6	20.4	1414.6	20.4
05DEL06-7	202	12950	1.5	2.92219	1.5	0.23521	1.1	0.75	1361.8	14.0	1387.7	11.5	1427.7	19.2	1427.7	19.2
05DEL06-35	382	10387	2.7	3.83094	2.7	0.27888	2.4	0.89	1585.7	33.7	1599.3	21.8	1617.1	23.3	1617.1	23.3
05DEL06-34	150	13727	1.0	4.03665	5.7	0.28946	5.4	0.95	1638.9	78.7	1641.6	46.7	1645.1	33.4	1645.1	33.4
05DEL06-76	146	10920	2.4	3.71461	3.0	0.26620	2.3	0.78	1521.5	31.3	1574.5	23.8	1646.4	34.9	1646.4	34.9
05DEL06-61	100	5357	1.3	3.78303	3.0	0.26725	2.6	0.87	1526.8	35.7	1589.2	24.4	1672.8	27.9	1672.8	27.9
05DEL06-63	525	43557	2.3	4.69930	3.0	0.31653	2.4	0.81	1772.8	37.8	1767.1	25.3	1760.4	32.7	1760.4	32.7
05DEL06-18	520	8164	3.0	3.74315	7.9	0.24935	7.7	0.97	1435.1	99.3	1580.6	63.7	1780.6	33.9	1780.6	33.9
05DEL06-99	208	15047	0.7	4.67776	1.7	0.30525	1.3	0.76	1717.3	19.7	1763.3	14.5	1818.2	20.6	1818.2	20.6
05DEL06-32	500	19624	5.0	4.92885	4.8	0.29905	3.6	0.74	1686.6	52.9	1807.2	40.8	1949.3	58.3	1949.3	58.3
05DEL06-73	217	24368	1.7	6.82799	2.4	0.36753	2.2	0.90	2017.8	37.9	2089.4	21.6	2160.6	18.7	2160.6	18.7

#### Upper Part of Viento Formation (05DEL07)

05DEL07-61	361	850	2.8	0.06080	7.8	0.00866	5.2	0.66	55.6	2.9	59.9	4.5	236.6	135.4	55.6	2.9
05DEL07-63	292	993	3.1	0.05987	13.3	0.00876	5.1	0.38	56.2	2.9	59.0	7.6	175.8	287.7	56.2	2.9
05DEL07-26	1300	1996	7.2	0.06100	3.9	0.00879	2.6	0.67	56.4	1.5	60.1	2.3	210.6	67.7	56.4	1.5
05DEL07-67	760	1775	1.4	0.05865	5.7	0.00908	1.8	0.33	58.3	1.1	57.9	3.2	40.1	128.3	58.3	1.1
05DEL07-34	234	627	1.8	0.07748	24.1	0.00917	6.3	0.26	58.9	3.7	75.8	17.6	647.9	505.2	58.9	3.7
05DEL07-11	181	825	1.1	0.06121	14.4	0.00927	6.4	0.45	59.5	3.8	60.3	8.4	92.3	305.8	59.5	3.8
05DEL07-87	661	1560	1.6	0.06987	9.0	0.00964	6.9	0.77	61.8	4.3	68.6	6.0	310.6	131.9	61.8	4.3
05DEL07-59	338	950	1.9	0.06186	10.1	0.01026	4.8	0.48	65.8	3.2	61.0	6.0	-126.5	219.9	65.8	3.2
05DEL07-56	250	791	1.9	0.06296	10.5	0.01055	3.9	0.37	67.6	2.6	62.0	6.3	-151.0	243.1	67.6	2.6
05DEL07-48	897	4473	2.5	0.07667	4.3	0.01106	3.2	0.73	70.9	2.2	75.0	3.1	206.9	68.7	70.9	2.2
05DEL07-36	244	652	1.8	0.08164	21.4	0.01136	9.3	0.44	72.8	6.8	79.7	16.4	290.6	444.5	72.8	6.8
05DEL07-33	485	1165	3.3	0.07597	7.7	0.01143	5.9	0.77	73.3	4.3	74.3	5.5	109.0	117.1	73.3	4.3
05DEL07-70	975	4177	1.8	0.08282	4.4	0.01201	2.9	0.66	77.0	2.2	80.8	3.4	195.3	76.4	77.0	2.2
05DEL07-99	151	682	2.1	0.08059	10.2	0.01212	3.8	0.37	77.6	2.9	78.7	7.7	111.0	222.9	77.6	2.9
05DEL07-92	226	730	3.5	0.09950	13.9	0.01268	2.7	0.19	81.2	2.2	96.3	12.8	488.8	302.5	81.2	2.2
05DEL07-84	509	1057	1.0	0.08709	8.9	0.01268	4.8	0.53	81.2	3.8	84.8	7.3	186.4	176.3	81.2	3.8
05DEL07-37	281	1199	0.9	0.09006	10.9	0.01313	5.3	0.48	84.1	4.4	87.6	9.1	183.3	222.9	84.1	4.4
05DEL07-4	257	1039	1.4	0.08885	8.7	0.01369	5.3	0.60	87.6	4.6	86.4	7.2	53.1	165.8	87.6	4.6
05DEL07-97	818	2534	2.3	0.09082	5.0	0.01371	3.6	0.71	87.8	3.1	88.3	4.3	100.9	84.3	87.8	3.1
05DEL07-15	267	935	1.3	0.10324	9.3	0.01374	2.8	0.30	88.0	2.4	99.8	8.9	391.0	200.4	88.0	2.4
05DEL07-88	100	298	2.2	0.08667	16.5	0.01408	5.8	0.35	90.1	5.2	84.4	13.4	-74.6	380.8	90.1	5.2
05DEL07-78	648	3195	1.6	0.09457	3.5	0.01412	2.4	0.70	90.4	2.2	91.8	3.0	127.3	58.8	90.4	2.2
05DEL07-81	428	1055	1.7	0.09558	5.9	0.01415	2.8	0.48	90.6	2.5	92.7	5.2	146.8	120.8	90.6	2.5
05DEL07-90	138	176	1.0	0.14009	20.2	0.01427	5.0	0.25	91.3	4.5	133.1	25.2	963.4	403.8	91.3	4.5
05DEL07-20	142	946	2.7	0.11894	11.3	0.01497	5.2	0.46	95.8	5.0	114.1	12.2	515.8	221.4	95.8	5.0
05DEL07-60	359	1743	1.8	0.10249	5.4	0.01505	3.0	0.55	96.3	2.8	99.1	5.1	166.8	104.6	96.3	2.8
05DEL07-40	111	818	2.1	0.09913	16.3	0.01538	6.6	0.41	98.4	6.5	96.0	15.0	36.9	359.2	98.4	6.5
05DEL07-14	277	1097	1.3	0.10541	9.0	0.01541	6.1	0.68	98.6	6.0	101.8	8.7	176.6	155.1	98.6	6.0
05DEL07-41	82	357	1.9	0.09547	18.1	0.01544	6.5	0.3								

05DEL07-32	180	3435	1.2	0.28449	7.0	0.03866	5.1	0.72	244.5	12.1	254.2	15.7	344.4	109.4	244.5	12.1
05DEL07-65	361	1349	1.7	0.29034	7.6	0.03952	2.3	0.30	249.9	5.6	258.8	17.3	340.6	163.6	249.9	5.6
05DEL07-98	187	2452	1.7	0.31682	10.6	0.04071	4.4	0.42	257.2	11.1	279.5	25.8	469.8	213.1	257.2	11.1
05DEL07-19	835	5691	2.9	0.33855	18.0	0.04260	3.5	0.19	268.9	9.2	296.1	46.4	516.0	391.6	268.9	9.2
05DEL07-8	255	1759	1.9	0.35572	16.4	0.04400	5.3	0.32	277.6	14.4	309.0	43.8	553.6	341.6	277.6	14.4
05DEL07-72	160	6489	1.9	0.35983	6.8	0.04689	4.6	0.68	295.4	13.3	312.1	18.3	438.5	111.4	295.4	13.3
05DEL07-93	1255	5886	3.6	0.40057	8.0	0.05377	6.9	0.86	337.6	22.7	342.1	23.3	372.4	91.5	337.6	22.7
05DEL07-94	315	5526	1.2	0.43007	4.0	0.05544	3.3	0.81	347.8	11.1	363.2	12.4	462.8	52.8	347.8	11.1
05DEL07-21	148	3494	1.2	0.46119	3.7	0.06030	2.8	0.77	377.4	10.4	385.1	11.9	431.4	53.2	377.4	10.4
05DEL07-25	363	8445	1.1	0.52702	9.4	0.06692	9.0	0.95	417.6	36.3	429.8	33.0	496.0	62.1	417.6	36.3
05DEL07-57	246	4082	2.7	0.54123	3.3	0.06819	1.6	0.49	425.2	6.6	439.2	11.8	513.2	63.5	425.2	6.6
05DEL07-100	192	558	1.4	0.63966	25.8	0.06981	2.7	0.11	435.0	11.6	502.1	102.7	820.8	545.1	435.0	11.6
05DEL07-3	119	3945	1.1	0.61615	5.4	0.07266	3.7	0.68	452.1	16.0	487.4	20.8	656.9	84.7	452.1	16.0
05DEL07-83	70	1114	1.4	0.58644	9.4	0.07344	7.4	0.78	456.8	32.5	468.6	35.4	526.6	129.1	456.8	32.5
05DEL07-47	141	3416	2.5	0.60296	3.9	0.07442	1.7	0.44	462.7	7.6	479.1	14.7	558.2	75.3	462.7	7.6
05DEL07-53	70	2575	1.8	0.60863	6.6	0.07604	5.7	0.87	472.5	26.1	482.7	25.2	531.6	70.1	472.5	26.1
05DEL07-9	403	10392	2.3	0.60207	3.4	0.07660	3.0	0.89	475.8	13.6	478.5	12.8	491.6	34.3	475.8	13.6
05DEL07-77	160	5756	0.6	0.68738	3.3	0.08473	1.8	0.54	524.3	9.1	531.2	13.7	561.2	60.8	524.3	9.1
05DEL07-74	204	2569	1.5	0.83196	7.1	0.10020	5.1	0.73	615.6	30.1	614.7	32.6	611.5	105.3	615.6	30.1
05DEL07-2	556	22976	10.9	0.93605	5.2	0.10884	5.1	0.98	666.0	32.4	670.8	25.6	687.0	21.7	666.0	32.4
05DEL07-29	311	13181	5.8	1.10157	7.2	0.11370	6.9	0.95	694.2	45.3	754.1	38.5	936.1	45.4	694.2	45.3
05DEL07-44	593	2470	2.1	1.26827	7.3	0.13565	6.4	0.88	820.0	49.0	831.6	41.2	862.7	72.3	820.0	49.0
05DEL07-22	39	2243	2.5	1.47882	5.4	0.14700	3.6	0.67	884.1	29.7	921.7	32.7	1012.9	81.7	884.1	29.7
05DEL07-58	309	18205	21.4	1.62622	1.7	0.16129	1.0	0.60	963.9	9.0	980.4	10.4	1017.5	26.8	963.9	9.0
05DEL07-64	89	4398	2.6	1.66291	2.3	0.16251	1.0	0.43	970.7	9.0	994.5	14.6	1047.3	41.8	970.7	9.0
05DEL07-1	109	7917	2.1	1.76148	2.2	0.17033	2.0	0.89	1013.9	18.5	1031.4	14.4	1068.6	20.8	1013.9	18.5
05DEL07-89	104	6467	3.8	1.77426	2.2	0.17286	1.8	0.80	1027.8	16.6	1036.1	14.3	1053.5	26.8	1027.8	16.6
05DEL07-24	77	7609	2.8	1.88718	7.2	0.17363	6.3	0.88	1032.1	60.4	1076.6	47.7	1167.8	67.1	1032.1	60.4
05DEL07-43	175	9074	2.2	1.84036	2.3	0.17797	2.0	0.86	1055.9	19.4	1060.0	15.2	1068.5	23.6	1055.9	19.4
05DEL07-79	301	18394	3.6	1.96520	3.0	0.18679	2.5	0.83	1104.0	25.0	1103.7	20.0	1103.0	33.1	1104.0	25.0
05DEL07-54	119	6139	2.3	2.08111	3.6	0.19130	2.6	0.74	1128.4	27.2	1142.6	24.4	1169.6	47.5	1128.4	27.2
05DEL07-82	193	6891	1.7	2.14027	5.9	0.19872	5.8	0.98	1168.4	61.5	1161.9	40.7	1149.8	23.8	1168.4	61.5
05DEL07-18	115	7738	2.2	2.18455	2.1	0.20012	1.9	0.87	1176.0	20.1	1176.1	14.9	1176.4	20.5	1176.0	20.1
05DEL07-12	323	19913	1.5	2.34984	3.9	0.20944	3.0	0.77	1225.8	33.1	1227.5	27.5	1230.5	48.4	1225.8	33.1
05DEL07-80	74	6191	3.7	2.64365	2.8	0.22893	1.1	0.41	1328.9	13.6	1312.9	20.5	1286.8	49.4	1286.8	49.4
05DEL07-76	255	7169	1.1	2.73275	9.4	0.22982	9.3	0.99	1333.5	112.2	1337.4	70.0	1343.6	24.4	1343.6	24.4
05DEL07-50	142	11178	2.5	2.94555	3.1	0.24227	2.4	0.78	1398.5	30.5	1393.7	23.6	1386.4	37.4	1386.4	37.4
05DEL07-62	218	10916	1.3	2.83508	2.9	0.22745	2.6	0.89	1321.1	30.9	1364.9	21.9	1434.0	25.9	1434.0	25.9
05DEL07-5	127	15559	3.0	3.14525	2.2	0.25006	1.3	0.58	1438.8	16.4	1443.8	17.0	1451.3	34.2	1451.3	34.2
05DEL07-46	138	10114	1.6	3.10048	2.6	0.24600	2.2	0.83	1417.8	28.1	1432.8	20.3	1455.1	27.7	1455.1	27.7
05DEL07-51	62	14984	0.9	3.52519	7.1	0.27106	6.1	0.87	1546.2	84.0	1532.9	55.8	1514.6	66.4	1514.6	66.4
05DEL07-27	375	37258	3.0	4.12229	3.6	0.29552	2.7	0.74	1669.0	39.4	1658.7	29.6	1645.7	45.3	1645.7	45.3
05DEL07-66	46	2831	0.8	3.88667	4.5	0.26913	3.9	0.86	1536.4	52.7	1610.9	36.3	1709.7	42.6	1709.7	42.6
05DEL07-69	624	53278	6.7	4.78933	2.6	0.32087	1.9	0.74	1794.0	29.8	1783.0	21.7	1770.2	32.0	1770.2	32.0
05DEL07-30	671	38023	4.5	4.64229	5.7	0.31097	4.5	0.79	1745.5	68.7	1756.9	47.7	1770.5	64.3	1770.5	64.3
05DEL07-86	237	18547	2.0	4.95206	2.5	0.32586	1.7	0.70	1818.3	27.5	1811.2	20.9	1803.0	32.1	1803.0	32.1
05DEL07-13	464	39106	4.0	5.29224	3.9	0.33821	2.7	0.70	1878.0	44.0	1867.6	33.0	1856.0	50.1	1856.0	50.1

#### Lower Part of Carroza Formation (03LP-1)

112	823	2.0	0.06192	26.9	0.00984	3.7	0.14	63.1	2.4	61.0	16.8	-21.0	323.0	63.1	2.4
134	297	1.4	0.07259	52.3	0.01144	5.0	0.10	73.3	3.7	71.2	37.8	-2.0	627.0	73.3	3.7
401	1096	1.7	0.07839	24.8	0.01184	2.2	0.09	75.9	1.7	76.6	19.5	101.0	292.0	75.9	1.7
464	1582	2.2	0.08343	27.4	0.01186	2.6	0.09	76.0	2.0	81.4	22.9	241.0	314.0	76.0	2.0
187	758	1.4	0.08147	38.6	0.01203	4.0	0.10	77.1	3.1	79.5	31.4	153.0	450.0	77.1	3.1
535	2171	1.9	0.08594	17.3	0.01234	2.9	0.17	79.0	2.3	83.7	15.0	219.0	198.0	79.0	2.3
402	1513	2.0	0.08439	23.3	0.01235	3.0	0.13	79.1	2.4	82.3	19.8	175.0	270.0	79.1	2.4
327	1446	1.8	0.09494	29.3	0.01238	5.5	0.19	79.3	4.4	92.1	27.9	437.0	321.0	79.3	4.4
188	750	1.8	0.09780	30.2	0.01257	5.7	0.19	80.6	4.6	94.7	29.6	468.0	328.0	80.6	4.6
215	623	2.1	0.07853	38.3	0.01260	3.4	0.09	80.7	2.8	76.8	30.1	-44.0	463.0	80.7	2.8
296	1186	2.3	0.09738	24.4	0.01299	3.3	0.14	83.2	2.8	94.4	23.8	386.0	271.0	83.2	2.8
411	1694	2.6	0.09205	21.5	0.01346	3.7	0.17	86.2	3.2	89.4	19.9	177.0	247.0	86.2	3.2
786	3359	2.1	0.09769	11.0	0.01410	4.8	0.44	90.2	4.4	94.6	10.8	207.0	114.0	90.2	4.4
146	754	1.8	0.10291	52.3	0.01413	5.0	0.10	90.4	4.5	99.5	53.2	322.0	591.0	90.4	4.5
139	737	0.7	0.07767	42.7	0.01415	3.8	0.09	90.6	3.4	75.9	33.1	-363.0	550.0	90.6	3.4
178	816	1.9	0.11182	33.5	0.01418	4.3	0.13	90.8	4.0	107.6	37.3	498.0	365.0	90.8	4.0
79	335	2.2	0.09175	57.3	0.01424	3.3	0.06	91.2	3.0	89.1	52.0	35.0	684.0	91.2	3.0
359	1935	2.0	0.09529	16.9	0.01438	2.8									

135	1151	1.3	0.21858	25.5	0.03390	4.3	0.17	214.9	9.3	200.7	55.1	37.0	301.0	214.9	9.3
229	2435	1.3	0.28559	14.4	0.03649	3.8	0.27	231.0	9.0	255.1	41.0	482.0	154.0	231.0	9.0
172	2188	2.0	0.27124	17.4	0.03672	3.1	0.18	232.5	7.3	243.7	46.7	353.0	193.0	232.5	7.3
434	2445	1.8	0.25940	13.1	0.03681	2.3	0.18	233.0	5.6	234.2	33.9	246.0	148.0	233.0	5.6
107	1065	2.5	0.26930	32.5	0.03737	3.4	0.11	236.5	8.3	242.1	85.2	297.0	369.0	236.5	8.3
130	1754	3.5	0.32401	17.2	0.04059	5.8	0.34	256.5	15.1	285.0	54.9	526.0	177.0	256.5	15.1
78	1212	1.4	0.29271	29.8	0.04122	4.5	0.15	260.4	12.0	260.7	84.9	263.0	338.0	260.4	12.0
327	3948	2.8	0.29974	11.0	0.04123	1.9	0.18	260.4	5.2	266.2	32.8	317.0	123.0	260.4	5.2
311	4143	1.5	0.30340	10.6	0.04208	2.2	0.20	265.7	5.8	269.1	32.2	298.0	119.0	265.7	5.8
84	609	0.6	0.39370	38.1	0.04404	6.6	0.17	277.8	18.8	337.1	142.0	769.0	395.0	277.8	18.8
121	1554	1.8	0.32023	18.1	0.04433	2.3	0.13	279.6	6.7	282.1	57.3	303.0	205.0	279.6	6.7
119	960	1.2	0.29530	32.3	0.04458	4.0	0.12	281.2	11.4	262.7	92.5	101.0	379.0	281.2	11.4
166	3735	2.1	0.62705	11.1	0.07729	2.5	0.23	479.9	12.6	494.3	68.1	561.0	117.0	479.9	12.6
59	1006	2.1	0.44289	30.0	0.07748	3.6	0.12	481.1	18.0	372.3	126.6	-259.0	377.0	481.1	18.0
196	4813	1.7	0.67517	8.4	0.07894	1.6	0.19	489.8	8.3	523.9	56.2	675.0	88.0	489.8	8.3
144	2448	1.7	0.63908	14.7	0.07898	5.5	0.38	490.0	28.2	501.7	91.2	556.0	149.0	490.0	28.2
140	3753	2.3	0.66304	10.0	0.07934	3.0	0.30	492.2	15.1	516.5	65.4	625.0	103.0	492.2	15.1
546	9129	4.0	0.65224	4.1	0.08169	2.1	0.52	506.2	11.2	509.9	26.7	526.0	38.0	506.2	11.2
174	5091	1.5	0.93292	9.0	0.09185	5.4	0.61	566.5	32.1	669.2	81.8	1032.0	72.0	566.5	32.1
655	20030	11.5	0.83924	3.1	0.10039	1.6	0.52	616.7	10.3	618.7	26.0	626.0	28.0	616.7	10.3
136	3872	2.8	0.92640	7.7	0.10526	4.1	0.53	645.1	27.7	665.7	70.3	736.0	70.0	645.1	27.7
189	8248	3.5	1.23115	5.1	0.11394	3.7	0.73	695.6	27.1	814.9	61.8	1156.0	35.0	695.6	27.1
320	7851	1.8	1.17669	8.6	0.11585	4.5	0.53	706.6	33.7	789.8	97.4	1032.0	73.0	706.6	33.7
684	2729	1.2	1.14987	16.8	0.11591	6.1	0.37	707.0	45.6	777.2	178.8	984.0	159.0	707.0	45.6
396	6021	2.9	1.09461	4.6	0.11662	2.7	0.59	711.1	20.3	750.7	50.2	871.0	39.0	711.1	20.3
108	5505	2.1	1.20324	6.1	0.11864	3.8	0.62	722.8	28.8	802.1	71.3	1029.0	48.0	722.8	28.8
70	938	3.1	1.57455	18.5	0.12991	5.8	0.31	787.3	48.4	960.2	260.1	1380.0	169.0	787.3	48.4
215	9189	2.3	2.01729	5.3	0.13073	4.7	0.89	792.0	39.5	1121.3	102.3	1831.0	21.0	792.0	39.5
41	2031	3.4	1.57514	13.3	0.13216	4.2	0.32	800.2	35.7	960.5	192.7	1348.0	121.0	800.2	35.7
98	3803	3.0	1.36462	8.0	0.13482	4.5	0.56	815.3	39.3	873.9	105.7	1025.0	67.0	815.3	39.3
170	3837	0.8	1.49197	7.0	0.13942	2.8	0.40	841.4	24.9	927.1	100.3	1137.0	64.0	841.4	24.9
152	5193	2.6	1.43123	5.8	0.14125	1.9	0.33	851.7	17.4	902.1	81.0	1027.0	55.0	851.7	17.4
152	6117	3.8	1.48916	7.1	0.15197	5.1	0.71	912.0	49.4	926.0	101.8	959.0	51.0	912.0	49.4
46	2889	2.4	1.66009	7.0	0.16007	3.0	0.43	957.2	31.0	993.4	111.7	1074.0	64.0	957.2	31.0
63	2393	3.0	1.71577	8.2	0.16727	2.7	0.32	997.0	28.5	1014.4	133.7	1052.0	78.0	997.0	28.5
36	1518	2.5	1.72429	12.2	0.16771	4.5	0.37	999.5	48.2	1017.6	193.9	1057.0	114.0	1057.0	114.0
257	11525	3.0	1.96137	4.0	0.17915	2.4	0.60	1062.3	27.4	1102.4	76.1	1182.0	31.0	1182.0	31.0
97	4621	3.1	1.78299	7.5	0.18003	2.6	0.35	1067.1	30.6	1039.3	127.6	981.0	72.0	981.0	72.0
1102	12567	0.8	2.56511	6.0	0.08767	5.8	0.97	1108.7	70.0	1290.8	145.7	1608.0	14.0	1608.0	14.0
110	5736	3.0	2.00633	4.1	0.18888	1.9	0.47	1115.3	23.3	1117.7	79.5	1122.0	36.0	1122.0	36.0
128	11254	1.8	2.41078	4.4	0.19769	3.0	0.69	1162.9	38.4	1245.8	102.3	1392.0	31.0	1392.0	31.0
175	11071	3.4	2.23824	4.4	0.20048	3.8	0.87	1177.9	49.2	1193.1	95.5	1221.0	22.0	1221.0	22.0
81	4367	1.6	1.85590	5.6	0.22688	3.5	0.63	1318.1	51.4	1371.4	150.4	1455.0	41.0	1455.0	41.0
134	9988	1.0	3.28464	3.6	0.23162	2.8	0.79	1343.0	42.3	1477.4	113.8	1676.0	21.0	1676.0	21.0
176	8022	3.3	2.90081	4.5	0.23287	2.6	0.58	1349.5	38.9	1382.1	123.9	1433.0	35.0	1433.0	35.0
194	9867	1.8	1.93177	4.6	0.23409	3.5	0.75	1355.9	52.3	1390.2	129.1	1443.0	29.0	1443.0	29.0
37	2727	2.2	3.31260	9.8	0.23517	3.8	0.39	1361.5	57.2	1484.0	285.1	1664.0	83.0	1664.0	83.0
291	17476	1.8	3.29700	4.3	0.24202	3.6	0.82	1397.2	55.5	1480.3	135.8	1602.0	23.0	1602.0	23.0
67	5250	1.7	3.09394	6.8	0.24379	2.8	0.42	1406.4	44.5	1431.2	193.5	1468.0	58.0	1468.0	58.0
129	3485	2.5	3.70923	5.5	0.26557	3.9	0.71	1518.3	66.6	1573.4	189.0	1648.0	36.0	1648.0	36.0
415	17766	3.6	3.86009	3.8	0.26942	3.6	0.92	1537.8	61.4	1605.4	140.4	1695.0	14.0	1695.0	14.0
168	11618	3.5	4.22471	3.4	0.28683	3.0	0.90	1625.7	55.4	1678.8	134.7	1746.0	14.0	1746.0	14.0
89	6886	2.0	4.11936	3.7	0.28894	2.0	0.54	1636.2	37.7	1658.2	145.2	1686.0	29.0	1686.0	29.0
293	21882	1.9	4.24516	3.9	0.28946	3.7	0.96	1638.9	69.2	1682.8	154.9	1738.0	10.0	1738.0	10.0
103	7480	1.0	4.24221	4.2	0.29215	2.0	0.47	1652.3	37.2	1682.2	167.3	1720.0	34.0	1720.0	34.0
64	6125	1.5	11.20505	4.0	0.44041	2.6	0.64	2352.5	72.6	2540.3	378.0	2694.0	26.0	2694.0	26.0
102	12351	2.4	11.28353	2.9	0.46623	2.2	0.77	2467.0	66.7	2546.8	288.1	2611.0	16.0	2611.0	16.0

#### Upper Part of Carroza Formation (03LP-2)

89	317	2.9	0.06444	72.09	0.00937	3.30	0.05	60.1	2.0	63.4	46.1	189.0	838.0	60.1	2.0
128	390	2.0	0.06367	59.57	0.00966	3.25	0.05	62.0	2.0	62.7	37.8	89.0	705.0	62.0	2.0
100	732	3.7	0.06146	52.06	0.00993	4.32	0.08	63.7	2.8	60.6	32.0	-62.0	633.0	63.7	2.8
245	734	1.4	0.07087	37.31	0.01024	3.78	0.10	65.7	2.5	69.5	26.5	203.0	431.0	65.7	2.5
804	3379	1.8	0.06988	14.80	0.01070	6.67	0.45	68.6	4.6	68.6	10.4	68.0	157.0	68.6	4.6
326	1299	2.2	0.06546	35.79	0.01100	2.78	0.08	70.5	2.0	64.4	23.5	-158.0	443.0	70.5	2.0
346	728	1.5	0.07942	31.77	0.01198	3.84	0.12	76.8	3.0	77.6	25.3	104.0	373.0	76.8	3.0
251	736	1.3	0.07288	43.47	0.01204	10.11	0.23	77.1	7.8	71.4	31.7	-116.0	521.0	77.1	7.8
123	646	1.2	0.08568	39.20	0.01227	5.85	0.15	78.6	4.6	83.5	33.5	224.0	448.0	78.6	4.6
190	716	1.2	0.07404	35.70	0.01227	3.55	0.10	78.6	2.8	72.5	26.5	-124.0	438.0	78.6	2.8
152	1184	2.1	0.08280	29.73	0.01257	5.36	0.18	80.5	4.3	80.8	24.7	88.0	347.0	8	

105	819	2.8	0.10861	34.43	0.01565	6.22	0.18	100.1	6.3	104.7	37.3	210.0	393.0	100.1	6.3
223	985	1.6	0.13164	29.13	0.01757	4.32	0.15	112.3	4.9	125.6	38.2	385.0	324.0	112.3	4.9
261	564	2.0	0.12771	31.59	0.01815	3.44	0.11	115.9	4.0	122.0	40.2	243.0	362.0	115.9	4.0
152	822	1.6	0.10059	34.00	0.01847	11.97	0.35	118.0	14.2	97.3	34.1	-383.0	414.0	118.0	14.2
419	1948	4.1	0.13428	19.53	0.01881	3.87	0.20	120.1	4.7	127.9	26.3	276.0	219.0	120.1	4.7
305	1773	3.0	0.14268	15.93	0.01912	6.66	0.42	122.1	8.2	135.4	22.8	376.0	163.0	122.1	8.2
83	654	3.0	0.13024	39.30	0.01970	7.86	0.20	125.7	10.0	124.3	50.7	-97.0	456.0	125.7	10.0
145	1200	3.5	0.15207	22.68	0.02018	4.35	0.19	128.8	5.7	143.7	34.4	398.0	249.0	128.8	5.7
224	1439	2.0	0.13934	27.51	0.02259	2.87	0.10	144.0	4.2	132.5	38.2	-70.0	334.0	144.0	4.2
331	2157	1.6	0.15722	16.14	0.02359	2.35	0.15	150.3	3.6	148.3	25.5	116.0	188.0	150.3	3.6
87	764	2.9	0.17352	43.50	0.02403	8.63	0.20	153.1	13.4	162.5	73.9	302.0	486.0	153.1	13.4
125	608	1.8	0.14656	34.19	0.02423	4.37	0.13	154.3	6.8	138.9	49.6	-118.0	418.0	154.3	6.8
82	681	1.8	0.15487	42.59	0.02447	6.66	0.16	155.8	10.5	146.2	64.9	-8.0	508.0	155.8	10.5
125	455	1.3	0.14536	44.46	0.02473	3.77	0.08	157.5	6.0	137.8	63.6	-189.0	554.0	157.5	6.0
357	1959	3.0	0.21094	16.66	0.02695	3.33	0.20	171.4	5.8	194.3	35.1	483.0	180.0	171.4	5.8
157	1272	1.5	0.24896	21.38	0.03571	5.27	0.25	226.2	12.1	225.7	52.7	221.0	240.0	226.2	12.1
170	1410	1.7	0.27171	18.13	0.03611	3.22	0.18	228.7	7.5	244.1	48.8	395.0	200.0	228.7	7.5
151	1599	3.4	0.33589	19.75	0.04455	4.43	0.22	281.0	12.7	294.0	65.2	399.0	216.0	281.0	12.7
159	1627	2.4	0.32027	18.30	0.04576	6.91	0.38	288.4	20.4	282.1	57.8	230.0	196.0	288.4	20.4
153	1830	2.2	0.33106	17.12	0.04591	4.16	0.24	289.4	12.3	290.4	56.0	298.0	189.0	289.4	12.3
352	2253	2.1	0.33247	17.74	0.04604	2.22	0.13	290.1	6.6	291.5	58.2	302.0	201.0	290.1	6.6
96	1403	1.6	0.59857	21.77	0.06413	5.35	0.25	400.7	22.1	476.3	124.4	859.0	219.0	400.7	22.1
87	1599	2.6	0.57302	14.48	0.07339	3.46	0.24	456.6	16.4	460.0	81.0	477.0	155.0	456.6	16.4
141	1951	3.1	0.63318	15.56	0.07635	4.05	0.26	474.3	19.9	498.1	95.4	609.0	162.0	474.3	19.9
131	3186	1.9	0.67404	11.33	0.07638	2.82	0.25	474.5	13.9	523.2	74.7	742.0	116.0	474.5	13.9
162	4259	2.1	0.69052	8.25	0.08221	2.21	0.27	509.3	11.7	533.1	56.3	636.0	86.0	509.3	11.7
332	5951	1.7	0.67985	4.73	0.08474	1.26	0.27	524.3	6.9	526.7	32.2	537.0	50.0	524.3	6.9
370	8503	3.3	1.09704	3.91	0.09191	2.65	0.68	566.8	15.7	751.9	42.6	1351.0	28.0	566.8	15.7
291	12953	3.2	1.30401	3.39	0.12834	1.28	0.38	778.4	10.6	847.5	43.9	1033.0	32.0	778.4	10.6
105	2646	4.9	1.53105	9.84	0.14927	3.28	0.33	896.9	31.5	942.9	142.4	1052.0	93.0	896.9	31.5
79	2395	2.5	1.67984	11.78	0.16085	6.33	0.54	961.5	65.3	1000.9	183.3	1088.0	100.0	961.5	65.3
73	779	2.1	1.81756	17.43	0.16433	2.17	0.12	980.8	22.9	1051.8	279.4	1202.0	170.0	980.8	22.9
114	3426	2.8	1.73053	6.81	0.16653	1.75	0.26	993.0	18.8	1019.9	113.2	1078.0	66.0	993.0	18.8
115	4011	1.9	1.71417	13.75	0.16994	11.37	0.83	1011.8	123.4	1013.8	214.9	1018.0	78.0	1018.0	78.0
97	5209	3.3	2.00364	7.09	0.18515	4.96	0.70	1095.1	58.9	1116.7	134.9	1159.0	50.0	1159.0	50.0
222	7985	2.7	2.05441	2.92	0.19260	1.35	0.46	1135.5	16.7	1133.8	59.1	1130.0	26.0	1130.0	26.0
239	10997	3.2	2.20171	2.66	0.19720	1.64	0.62	1160.2	20.8	1181.6	57.8	1221.0	21.0	1221.0	21.0
312	4426	0.6	2.43567	5.52	0.19825	3.94	0.71	1165.9	50.2	1253.2	128.2	1406.0	37.0	1406.0	37.0
107	5594	0.7	2.49188	4.84	0.20066	1.70	0.35	1178.9	22.0	1269.7	115.6	1427.0	43.0	1427.0	43.0
161	7247	2.5	2.92582	9.36	0.23723	8.77	0.94	1372.3	132.7	1388.6	245.7	1414.0	31.0	1414.0	31.0
71	2217	2.1	2.96668	9.01	0.24225	3.39	0.38	1398.4	52.7	1399.1	240.5	1400.0	80.0	1400.0	80.0
69	6212	1.2	3.05168	4.23	0.24252	1.84	0.43	1399.8	28.7	1420.7	123.4	1452.0	36.0	1452.0	36.0
94	8487	2.8	3.52675	4.90	0.25376	4.38	0.89	1457.8	71.3	1533.2	161.8	1639.0	20.0	1639.0	20.0
502	41164	2.6	3.99015	5.80	0.27259	5.77	0.99	1553.9	100.6	1632.2	211.4	1735.0	5.0	1735.0	5.0
81	9432	1.3	4.48548	4.62	0.29900	3.54	0.77	1686.3	67.9	1728.3	191.2	1779.0	27.0	1779.0	27.0
125	7777	1.9	4.33024	3.49	0.29987	2.47	0.71	1690.7	47.6	1699.1	142.8	1710.0	23.0	1710.0	23.0
69	4345	1.0	4.49505	5.52	0.30090	4.26	0.77	1695.7	82.1	1730.1	225.0	1772.0	32.0	1772.0	32.0
202	11665	2.9	4.44160	2.70	0.30653	2.33	0.86	1723.6	45.9	1720.1	114.8	1716.0	12.0	1716.0	12.0
118	12056	1.4	10.05878	4.07	0.43309	3.89	0.96	2319.7	107.7	2440.2	348.2	2542.0	10.0	2542.0	10.0

#### Upper Sandstone Member of Cañon del Tule Formation (05FAU01)

05FAU01-48	430	906	1.3	0.07971	7.5	0.01165	2.6	0.34	74.7	1.9	77.9	5.6	176.9	164.2	74.7	1.9
05FAU01-27	373	1564	1.5	0.08183	7.1	0.01197	2.8	0.39	76.7	2.1	79.9	5.4	175.1	151.4	76.7	2.1
05FAU01-98	188	609	1.0	0.07028	14.4	0.01226	4.0	0.28	78.5	3.1	69.0	9.6	-251.4	351.4	78.5	3.1
05FAU01-77	846	2200	2.4	0.08368	2.5	0.01247	1.5	0.59	79.9	1.2	81.6	2.0	132.7	47.9	79.9	1.2
05FAU01-3	766	2650	1.1	0.08512	3.1	0.01247	1.2	0.40	79.9	1.0	83.0	2.4	171.4	65.6	79.9	1.0
05FAU01-78	191	526	1.2	0.06964	19.7	0.01258	5.3	0.27	80.6	4.3	68.4	13.0	-340.5	491.5	80.6	4.3
05FAU01-4	1446	4931	2.5	0.08406	2.5	0.01259	1.7	0.69	80.6	1.4	82.0	1.9	120.6	41.9	80.6	1.4
05FAU01-56	507	1490	3.0	0.08211	6.2	0.01284	3.9	0.63	82.2	3.2	80.1	4.8	18.1	116.1	82.2	3.2
05FAU01-45	191	673	1.2	0.09573	22.5	0.01286	3.3	0.14	82.4	2.7	92.8	20.0	369.8	508.3	82.4	2.7
05FAU01-11	274	1067	1.6	0.10487	9.1	0.01315	6.3	0.69	84.2	5.3	101.3	8.8	524.4	144.3	84.2	5.3
05FAU01-46	462	1170	3.2	0.08961	6.8	0.01331	2.8	0.41	85.2	2.4	87.1	5.7	140.3	144.9	85.2	2.4
05FAU01-9	849	4734	1.4	0.09234	2.8	0.01367	1.2	0.42	87.6	1.0	89.7	2.4	146.5	59.4	87.6	1.0
05FAU01-63	283	1004	1.5	0.09020	9.2	0.01376	4.4	0.48	88.1	3.8	87.7	7.8	77.2	193.1	88.1	3.8
05FAU01-42	288	1997	1.1	0.10222	8.5	0.01386	3.2	0.38	88.7	2.9	98.8	8.0	350.5	176.8	88.7	2.9
05FAU01-82	1354	5489	0.9	0.09096	5.1	0.01390	3.8	0.74	89.0	3.3	88.4	4.3	72.7	80.8	89.0	3.3
05FAU01-73	305	1875	1.1	0.09201	9.6	0.01427	7.5	0.79	91.3	6.8	89.4	8.2	37.4	140.7	91.3	6.8
05FAU01-51	121	570	1.2	0.08395	14.4	0.01453	6.1	0.42	93.0	5.6	81.8	11.3	-231.9	330.8	93.0	5.6
05FAU01-34	122	699	1.1	0.10895												

05FAU01-20	841	2319	1.7	0.17511	8.9	0.02395	3.1	0.35	152.6	4.7	163.8	13.4	329.7	188.7	152.6	4.7
05FAU01-25	192	3414	1.4	0.17741	7.9	0.02440	5.0	0.64	155.4	7.7	165.8	12.0	317.5	137.5	155.4	7.7
05FAU01-31	413	1505	0.5	0.17350	5.6	0.02445	2.2	0.39	155.7	3.4	162.4	8.4	262.0	117.6	155.7	3.4
05FAU01-29	203	1583	2.0	0.18014	6.1	0.02468	2.0	0.32	157.2	3.1	168.2	9.4	325.8	130.6	157.2	3.1
05FAU01-33	1003	2382	1.1	0.16903	3.8	0.02473	2.9	0.77	157.5	4.6	158.6	5.6	174.9	56.8	157.5	4.6
05FAU01-70	595	5216	3.2	0.16992	3.6	0.02488	2.6	0.72	158.4	4.1	159.4	5.4	173.0	58.5	158.4	4.1
05FAU01-38	180	1240	1.3	0.16798	5.4	0.02533	2.6	0.47	161.2	4.1	157.7	7.9	104.4	112.5	161.2	4.1
05FAU01-74	371	2414	1.7	0.17569	7.4	0.02618	6.2	0.84	166.6	10.2	164.3	11.2	131.6	94.0	166.6	10.2
05FAU01-30	248	774	2.7	0.20869	15.1	0.02634	3.8	0.25	167.6	6.3	192.5	26.6	509.3	323.9	167.6	6.3
05FAU01-92	545	3307	1.0	0.18484	5.8	0.02670	4.9	0.84	169.8	8.2	172.2	9.2	204.9	72.7	169.8	8.2
05FAU01-64	217	1552	1.1	0.17817	5.9	0.02733	3.3	0.57	173.8	5.7	166.5	9.1	63.1	116.4	173.8	5.7
05FAU01-36	202	800	0.5	0.25260	6.9	0.03381	2.5	0.36	214.4	5.2	228.7	14.1	378.6	144.0	214.4	5.2
05FAU01-26	185	4002	1.8	0.28177	3.9	0.03782	2.5	0.64	239.3	5.9	252.1	8.8	372.3	68.2	239.3	5.9
05FAU01-80	135	822	1.0	0.26023	11.7	0.03785	4.2	0.36	239.5	9.9	234.9	24.5	188.8	253.8	239.5	9.9
05FAU01-14	332	4022	1.6	0.29513	3.4	0.03947	2.7	0.79	249.6	6.6	262.6	7.8	380.3	46.3	249.6	6.6
05FAU01-17	193	3678	1.7	0.33087	4.4	0.04421	2.7	0.63	278.9	7.5	290.2	11.0	382.6	76.2	278.9	7.5
05FAU01-50	232	3506	2.2	0.35152	6.9	0.04777	6.5	0.94	300.8	19.1	305.9	18.2	344.6	52.4	300.8	19.1
05FAU01-65	269	4736	1.7	0.47962	2.9	0.06248	2.3	0.81	390.7	8.8	397.8	9.4	439.5	37.2	390.7	8.8
05FAU01-62	361	3986	1.2	0.53517	2.6	0.07003	2.0	0.75	436.3	8.2	435.2	9.2	429.4	38.2	436.3	8.2
05FAU01-61	460	8353	1.8	0.55495	2.9	0.07062	1.9	0.65	439.9	8.0	448.2	10.6	491.3	48.9	439.9	8.0
05FAU01-57	395	5643	1.2	0.57646	2.4	0.07348	1.7	0.69	457.1	7.5	462.2	9.1	487.5	39.0	457.1	7.5
05FAU01-83	342	7179	1.2	0.58268	2.0	0.07362	1.3	0.67	457.9	5.9	466.2	7.4	507.1	32.1	457.9	5.9
05FAU01-88	262	1823	1.0	0.58688	5.6	0.07363	3.2	0.56	458.0	13.9	468.9	21.0	522.5	101.6	458.0	13.9
05FAU01-1	239	6223	1.2	0.62537	6.4	0.07580	5.2	0.82	471.0	23.7	493.2	25.0	597.6	80.0	471.0	23.7
05FAU01-39	416	5541	1.9	0.63107	3.0	0.07783	1.6	0.53	483.1	7.4	496.8	11.6	560.0	54.5	483.1	7.4
05FAU01-6	104	3170	0.8	0.65440	3.4	0.08160	2.4	0.71	505.7	11.8	511.2	13.8	535.8	53.1	505.7	11.8
05FAU01-91	36	648	1.0	0.62814	10.8	0.08190	5.8	0.54	507.5	28.4	494.9	42.5	437.4	204.3	507.5	28.4
05FAU01-7	176	6475	0.8	0.70946	4.0	0.08718	3.5	0.88	538.9	18.2	544.4	16.8	567.8	40.3	538.9	18.2
05FAU01-90	148	2502	0.8	0.75530	3.7	0.09302	2.9	0.80	573.4	16.2	571.3	16.1	562.9	48.4	573.4	16.2
05FAU01-40	153	4195	9.8	0.90311	7.7	0.09706	7.1	0.93	597.2	40.6	653.4	37.0	852.6	60.0	597.2	40.6
05FAU01-16	444	21374	3.0	0.99460	2.8	0.11637	1.4	0.51	709.7	9.6	701.1	14.1	673.6	51.2	709.7	9.6
05FAU01-100	342	11042	2.4	1.11592	1.9	0.12530	1.2	0.63	761.0	8.7	761.0	10.3	761.0	31.5	761.0	8.7
05FAU01-28	226	11888	2.2	1.25448	3.3	0.13036	2.1	0.63	789.9	15.3	825.4	18.6	922.3	52.6	789.9	15.3
05FAU01-43	167	4318	1.5	1.30023	4.1	0.13284	3.3	0.81	804.0	25.0	845.8	23.3	957.1	48.2	804.0	25.0
05FAU01-95	50	2386	1.9	1.54772	6.9	0.15207	5.3	0.76	912.6	44.8	949.6	42.6	1036.4	90.5	912.6	44.8
05FAU01-22	209	5112	2.1	1.57477	4.6	0.15343	4.3	0.94	920.1	37.3	960.3	28.9	1053.5	33.0	920.1	37.3
05FAU01-75	22	1350	13.5	1.60043	11.6	0.16252	9.1	0.78	970.8	81.6	970.4	72.4	969.5	147.2	970.8	81.6
05FAU01-54	88	4070	1.5	1.67976	2.6	0.16542	1.9	0.74	986.8	17.5	1000.9	16.4	1031.8	34.9	1031.8	34.9
05FAU01-96	306	10941	3.9	1.72689	3.0	0.16859	2.6	0.87	1004.3	24.1	1018.6	19.3	1049.4	30.3	1049.4	30.3
05FAU01-87	238	11316	1.6	1.73621	2.3	0.16885	1.8	0.76	1005.7	16.4	1022.1	14.9	1057.1	30.0	1057.1	30.0
05FAU01-37	133	7362	1.5	1.81992	2.3	0.17460	1.9	0.79	1037.4	17.8	1052.7	15.4	1084.4	28.7	1084.4	28.7
05FAU01-67	893	52371	13.7	1.92796	1.6	0.18313	1.0	0.62	1084.1	10.0	1090.8	10.8	1104.3	25.4	1104.3	25.4
05FAU01-86	227	8686	2.0	2.01502	2.5	0.18942	1.8	0.72	1118.2	18.2	1120.6	16.6	1125.1	33.6	1125.1	33.6
05FAU01-76	339	11532	1.0	2.06197	2.9	0.19282	2.2	0.78	1136.7	23.1	1136.3	19.5	1135.5	35.8	1135.5	35.8
05FAU01-69	109	6553	4.2	2.07166	2.0	0.18940	1.6	0.81	1118.1	16.3	1139.5	13.5	1180.3	23.1	1180.3	23.1
05FAU01-2	915	52387	4.2	2.26214	6.3	0.20217	6.2	0.99	1186.9	67.1	1200.6	44.2	1225.2	19.8	1225.2	19.8
05FAU01-93	69	5838	3.4	2.67047	4.7	0.22974	4.0	0.85	1333.1	48.4	1320.3	35.1	1299.6	48.9	1299.6	48.9
05FAU01-58	583	12324	1.1	2.51220	5.5	0.21586	4.9	0.90	1260.0	56.6	1275.6	39.8	1301.9	45.4	1301.9	45.4
05FAU01-68	295	10901	1.7	2.82451	1.9	0.23287	1.2	0.66	1349.5	15.0	1362.1	13.9	1381.8	26.6	1381.8	26.6
05FAU01-55	34	2590	1.0	3.05884	3.4	0.24207	3.0	0.88	1397.4	37.5	1422.4	26.0	1460.1	30.6	1460.1	30.6
05FAU01-52	44	3665	0.7	3.80218	2.0	0.28106	1.6	0.78	1596.7	22.3	1593.2	16.3	1588.5	23.6	1588.5	23.6
05FAU01-60	311	15227	3.1	3.76017	2.7	0.27024	1.5	0.54	1542.0	20.0	1584.3	21.6	1641.0	42.0	1641.0	42.0
05FAU01-85	898	8103	2.5	3.27941	5.8	0.23409	5.3	0.91	1355.9	65.0	1476.2	45.3	1653.6	43.8	1653.6	43.8
05FAU01-21	165	11351	1.2	4.19856	2.3	0.29402	1.2	0.51	1661.6	17.6	1673.7	19.1	1689.0	37.0	1689.0	37.0
05FAU01-79	103	7073	0.5	4.31894	3.9	0.30208	3.6	0.91	1701.6	53.2	1697.0	32.2	1691.3	29.9	1691.3	29.9
05FAU01-15	78	8371	2.1	4.91789	6.3	0.32983	4.8	0.76	1837.6	76.4	1805.3	53.2	1768.3	75.2	1768.3	75.2
05FAU01-19	151	13578	1.1	4.78490	2.3	0.31907	1.2	0.55	1785.2	19.3	1782.3	18.9	1778.8	34.3	1778.8	34.3
05FAU01-13	390	46328	2.5	4.87595	2.5	0.32317	1.8	0.71	1805.2	27.7	1798.1	21.0	1789.9	32.2	1789.9	32.2
05FAU01-5	188	19590	2.0	4.90849	2.8	0.32357	2.5	0.89	1807.1	39.2	1803.7	23.7	1799.7	23.7	1799.7	23.7
05FAU01-8	121	16134	1.5	5.17474	3.4	0.33316	3.0	0.90	1853.7	49.0	1848.5	28.8	1842.6	27.0	1842.6	27.0
05FAU01-24	829	99461	3.1	9.89853	4.0	0.45627	3.7	0.92	2423.1	74.3	2425.4	37.0	2427.3	27.1	2427.3	27.1

#### Upper Sandstone Member of Cañon del Tule Formation (05FAU02)

05FAU02-20	180	579	1.6	0.08215	29.9	0.01103	6.4	0.22	70.7	4.5	80.2	23.0	371.6	669.8	70.7	4.5
05FAU02-96	314	2120	1.8	0.08106	9.5	0.01121	7.1									

05FAU02-60	193	330	1.2	0.12689	15.2	0.01662	6.2	0.41	106.3	6.5	121.3	17.3	427.4	309.9	106.3	6.5
05FAU02-98	1316	5647	1.9	0.11359	2.0	0.01686	1.1	0.55	107.8	1.2	109.2	2.1	141.6	39.3	107.8	1.2
05FAU02-1	371	884	1.3	0.12061	6.6	0.01692	4.0	0.61	108.1	4.3	115.6	7.2	272.7	120.2	108.1	4.3
05FAU02-75	372	1623	1.3	0.12237	4.2	0.01856	2.0	0.48	118.6	2.4	117.2	4.7	90.2	88.1	118.6	2.4
05FAU02-66	166	1468	1.2	0.13518	8.8	0.01935	3.8	0.44	123.5	4.7	128.7	10.6	226.3	182.4	123.5	4.7
05FAU02-97	128	1130	2.4	0.14392	12.6	0.02091	3.4	0.27	133.4	4.5	136.5	16.1	190.8	283.1	133.4	4.5
05FAU02-52	624	5348	1.2	0.14985	3.8	0.02126	2.6	0.68	135.6	3.5	141.8	5.1	246.4	65.0	135.6	3.5
05FAU02-63	150	1194	1.3	0.13870	7.0	0.02144	2.8	0.40	136.7	3.8	131.9	8.6	45.7	152.5	136.7	3.8
05FAU02-87	92	840	1.2	0.16535	12.8	0.02287	5.7	0.44	145.7	8.2	155.4	18.4	304.8	261.1	145.7	8.2
05FAU02-65	141	1104	0.9	0.14756	10.2	0.02361	5.5	0.53	150.4	8.1	139.8	13.4	-37.9	210.1	150.4	8.1
05FAU02-49	855	5520	1.5	0.16157	3.6	0.02367	2.0	0.55	150.8	3.0	152.1	5.1	171.8	71.1	150.8	3.0
05FAU02-53	267	2709	1.8	0.16275	5.6	0.02413	2.7	0.48	153.7	4.0	153.1	7.9	144.3	114.8	153.7	4.0
05FAU02-69	252	2000	1.1	0.17142	5.6	0.02433	3.2	0.57	155.0	4.9	160.7	8.3	245.1	106.6	155.0	4.9
05FAU02-7	253	927	1.4	0.16033	13.9	0.02446	5.5	0.39	155.8	8.4	151.0	19.6	76.3	306.0	155.8	8.4
05FAU02-32	185	1886	2.5	0.17130	8.5	0.02463	5.7	0.67	156.8	8.8	160.5	12.6	215.6	144.9	156.8	8.8
05FAU02-37	108	563	0.5	0.18870	11.9	0.02497	6.2	0.52	159.0	9.8	175.5	19.2	404.5	227.7	159.0	9.8
05FAU02-34	495	2465	1.4	0.17012	3.5	0.02500	2.1	0.61	159.2	3.3	159.5	5.2	164.7	65.1	159.2	3.3
05FAU02-15	216	650	1.2	0.19046	19.7	0.02501	8.5	0.43	159.2	13.4	177.0	32.0	421.8	399.3	159.2	13.4
05FAU02-77	71	497	0.7	0.17431	10.9	0.02512	3.7	0.34	159.9	5.9	163.2	16.4	210.2	237.7	159.9	5.9
05FAU02-24	912	3368	4.0	0.17915	5.9	0.02566	1.8	0.31	163.4	2.9	167.3	9.1	223.9	130.0	163.4	2.9
05FAU02-62	599	4301	1.0	0.17966	2.8	0.02568	1.7	0.61	163.4	2.7	167.8	4.3	229.1	51.6	163.4	2.7
05FAU02-46	399	1244	1.9	0.17100	6.1	0.02644	2.4	0.40	168.2	4.0	160.3	9.1	44.3	134.2	168.2	4.0
05FAU02-33	516	6300	3.6	0.18838	3.7	0.02705	3.0	0.80	172.0	5.0	175.2	6.0	218.8	51.4	172.0	5.0
05FAU02-14	353	3949	1.1	0.20259	8.3	0.02865	7.2	0.86	182.1	12.9	187.3	14.2	253.3	96.2	182.1	12.9
05FAU02-54	273	1074	0.5	0.20069	9.8	0.03033	5.4	0.55	192.6	10.2	185.7	16.6	98.9	194.1	192.6	10.2
05FAU02-68	64	844	1.4	0.27227	8.4	0.03344	4.6	0.54	212.1	9.6	244.5	18.3	568.7	154.2	212.1	9.6
05FAU02-19	345	4265	2.6	0.26214	3.5	0.03735	1.0	0.30	236.4	2.4	236.4	7.4	236.1	77.7	236.4	2.4
05FAU02-57	543	6425	1.0	0.27365	3.8	0.03903	1.4	0.37	246.8	3.5	245.6	8.4	233.8	82.3	246.8	3.5
05FAU02-79	113	1817	1.0	0.29725	9.3	0.04003	5.2	0.56	253.0	13.0	264.3	21.7	364.9	173.6	253.0	13.0
05FAU02-83	481	4787	0.9	0.29957	3.9	0.04197	3.1	0.79	265.0	8.1	266.1	9.2	275.1	54.9	265.0	8.1
05FAU02-12	201	3788	1.5	0.35197	3.8	0.04551	3.1	0.81	286.9	8.8	306.2	10.2	456.0	49.5	286.9	8.8
05FAU02-95	183	3589	7.5	0.46176	3.5	0.05836	2.6	0.75	365.6	9.3	385.5	11.2	506.5	50.9	365.6	9.3
05FAU02-100	352	5628	1.0	0.52847	2.1	0.06884	1.7	0.82	429.2	7.0	430.8	7.2	439.4	26.1	429.2	7.0
05FAU02-43	84	1991	0.7	0.54211	7.3	0.06898	3.6	0.49	430.0	14.9	439.8	26.0	491.5	140.3	430.0	14.9
05FAU02-74	401	7399	3.4	0.54192	2.8	0.06973	1.9	0.67	434.5	8.0	439.7	10.1	466.9	46.6	434.5	8.0
05FAU02-4	32	1020	1.4	0.56555	8.2	0.07039	3.9	0.47	438.5	16.4	455.1	30.1	539.9	158.6	438.5	16.4
05FAU02-88	123	2982	1.2	0.57732	3.8	0.07299	2.3	0.60	454.2	10.0	462.7	14.0	505.5	66.1	454.2	10.0
05FAU02-36	223	8238	1.8	0.58955	3.5	0.07317	2.6	0.75	455.2	11.6	470.6	13.1	546.3	49.9	455.2	11.6
05FAU02-30	83	2272	1.5	0.60794	5.0	0.07332	2.4	0.48	456.1	10.6	482.3	19.2	608.4	94.9	456.1	10.6
05FAU02-72	217	7420	1.4	0.64864	2.2	0.07981	1.4	0.67	495.0	6.8	507.6	8.6	565.0	34.9	495.0	6.8
05FAU02-29	80	2081	0.7	0.72956	6.8	0.08665	5.8	0.85	535.7	29.8	556.3	29.3	641.5	77.9	535.7	29.8
05FAU02-47	249	8314	1.5	0.74746	2.7	0.09054	2.0	0.74	558.7	10.9	566.7	11.9	599.0	39.8	558.7	10.9
05FAU02-45	66	1644	0.6	1.04643	4.2	0.11260	2.9	0.69	687.8	19.1	727.1	21.9	850.2	63.2	687.8	19.1
05FAU02-38	277	11541	1.3	1.33416	3.0	0.14548	1.6	0.53	875.6	13.3	860.7	17.6	822.6	53.6	875.6	13.3
05FAU02-10	123	6391	1.9	1.66560	2.8	0.16691	2.5	0.88	995.1	23.0	995.5	18.0	996.4	27.2	995.1	23.0
05FAU02-67	24	1530	0.7	1.71702	4.4	0.16788	2.0	0.45	1000.4	18.3	1014.9	28.1	1046.3	78.8	1000.4	18.3
05FAU02-6	155	6899	2.2	1.68866	2.8	0.16972	2.4	0.85	1010.6	22.1	1004.3	17.8	990.5	30.1	1010.6	22.1
05FAU02-41	67	4261	2.1	1.79035	3.1	0.17335	2.4	0.79	1030.5	23.0	1042.0	20.0	1065.9	37.8	1030.5	23.0
05FAU02-90	404	7828	1.9	1.92432	5.1	0.17389	4.8	0.94	1033.5	45.7	1089.6	34.0	1203.4	33.7	1033.5	45.7
05FAU02-9	88	4811	2.3	1.75618	3.5	0.17422	3.2	0.92	1035.3	30.8	1029.4	22.6	1017.0	27.5	1035.3	30.8
05FAU02-64	118	6483	1.5	1.84018	2.7	0.17856	2.1	0.77	1059.1	20.7	1059.9	18.1	1061.5	35.3	1059.1	20.7
05FAU02-3	626	14916	2.7	2.11849	5.1	0.17934	5.0	0.98	1063.4	49.1	1154.8	35.4	1330.8	21.1	1063.4	49.1
05FAU02-48	62	4642	2.4	1.98637	2.7	0.18290	2.1	0.78	1082.8	21.2	1110.9	18.3	1166.2	33.3	1082.8	21.2
05FAU02-8	116	3867	1.0	2.31913	10.2	0.19304	10.0	0.98	1137.8	104.5	1218.2	72.5	1363.3	36.5	1137.8	104.5
05FAU02-78	32	1993	0.8	2.12956	4.8	0.19426	3.4	0.71	1144.4	35.2	1158.4	32.9	1184.7	66.6	1144.4	35.2
05FAU02-89	395	21282	5.8	2.15511	2.6	0.19880	1.4	0.52	1168.9	14.6	1166.7	18.1	1162.7	44.3	1168.9	14.6
05FAU02-40	229	15955	3.3	2.66837	2.9	0.22733	2.2	0.77	1320.5	26.4	1319.7	21.3	1318.5	35.8	1318.5	35.8
05FAU02-17	885	26346	4.7	2.94364	6.8	0.24128	6.4	0.95	1393.3	80.6	1393.2	51.4	1393.0	40.9	1393.0	40.9
05FAU02-58	108	9671	1.2	3.13854	3.1	0.25267	1.7	0.55	1452.3	22.2	1442.2	23.8	1427.4	49.1	1427.4	49.1
05FAU02-2	279	4738	0.9	3.13220	3.1	0.24937	2.3	0.76	1435.2	29.7	1440.6	23.5	1448.6	38.0	1448.6	38.0
05FAU02-18	47	5639	1.4	3.38424	2.5	0.26250	1.9	0.78	1502.6	25.7	1500.8	19.4	1498.1	29.4	1498.1	29.4
05FAU02-35	313	14749	1.6	3.61258	5.6	0.27676	4.6	0.82	1575.0	64.6	1552.3	44.7	1521.5	60.1	1521.5	60.1
05FAU02-39	266	15105	1.3	3.61783	6.0	0.27536	5.2	0.87	1567.9	72.9	1553.5	47.6	1533.8	54.6	1533.8	54.6
05FAU02-22	228	10298	0.9	3.10995	7.3	0.23338	6.8	0.93	1352.2	82.7	1435.2	56.3	1560.3	52.1	1560.3	52.1
05FAU02-85	357	3719	1.4	4.07502	7.5	0.29536	6.9	0.92	1668.3	100.7	1649.3	60.9	1625.3	54.7	1625.3	54.7
05FAU02-73	241	20084	2.2	4.01945	3.7	0.28662										

05FAU03-24	414	3182	1.6	0.06393	6.3	0.01108	2.0	0.32	71.0	1.4	62.9	3.9	-235.9	151.9	71.0	1.4
05FAU03-47	1548	6464	1.1	0.07367	4.4	0.01113	2.3	0.53	71.3	1.7	72.2	3.0	100.5	87.3	71.3	1.7
05FAU03-12	305	2377	1.8	0.06638	7.4	0.01116	3.7	0.50	71.6	2.6	65.3	4.7	-159.8	159.2	71.6	2.6
05FAU03-90	248	1927	0.7	0.06460	9.7	0.01118	2.3	0.24	71.7	1.7	63.6	6.0	-232.7	238.2	71.7	1.7
05FAU03-20	361	2638	1.3	0.06666	5.7	0.01124	2.5	0.44	72.1	1.8	65.5	3.6	-167.4	128.1	72.1	1.8
05FAU03-92	269	1674	1.2	0.06489	9.8	0.01124	4.4	0.45	72.1	3.1	63.8	6.1	-235.3	221.6	72.1	3.1
05FAU03-21	179	1196	1.2	0.06116	14.7	0.01128	3.0	0.21	72.3	2.2	60.3	8.6	-394.6	375.8	72.3	2.2
05FAU03-68	447	2779	1.7	0.06811	5.7	0.01134	3.1	0.54	72.7	2.2	66.9	3.7	-136.2	118.6	72.7	2.2
05FAU03-85	1397	9885	1.6	0.07187	5.9	0.01142	2.6	0.45	73.2	1.9	70.5	4.0	-20.5	127.8	73.2	1.9
05FAU03-74	394	1736	2.0	0.07085	18.3	0.01149	2.9	0.16	73.6	2.1	69.5	12.3	-70.7	443.1	73.6	2.1
05FAU03-1	218	1694	1.2	0.07285	7.4	0.01152	3.4	0.46	73.9	2.5	71.4	5.1	-10.4	159.6	73.9	2.5
05FAU03-48	554	7381	1.8	0.07220	6.2	0.01156	2.1	0.34	74.1	1.6	70.8	4.2	-40.3	141.2	74.1	1.6
05FAU03-75	430	2114	1.6	0.07462	6.4	0.01203	4.0	0.62	77.1	3.0	73.1	4.5	-56.3	121.2	77.1	3.0
05FAU03-41	580	6032	1.7	0.07572	5.1	0.01224	2.3	0.46	78.4	1.8	74.1	3.6	-62.9	110.7	78.4	1.8
05FAU03-46	771	8017	3.1	0.08140	2.4	0.01231	1.9	0.76	78.9	1.5	79.5	1.9	96.5	37.0	78.9	1.5
05FAU03-83	980	5887	2.1	0.07997	3.9	0.01276	1.8	0.47	81.8	1.5	78.1	2.9	-31.8	83.9	81.8	1.5
05FAU03-80	826	6006	2.0	0.08006	5.1	0.01284	2.4	0.47	82.2	2.0	78.2	3.8	-43.5	109.0	82.2	2.0
05FAU03-35	204	2132	1.8	0.07532	9.0	0.01285	3.8	0.42	82.3	3.1	73.7	6.4	-195.8	203.5	82.3	3.1
05FAU03-52	206	2015	2.8	0.07552	9.9	0.01300	2.5	0.26	83.3	2.1	73.9	7.1	-219.5	242.0	83.3	2.1
05FAU03-5	239	1387	1.7	0.07502	10.0	0.01351	3.9	0.39	86.5	3.3	73.4	7.1	-333.0	238.8	86.5	3.3
05FAU03-4	388	3381	1.4	0.07907	7.1	0.01356	2.9	0.41	86.8	2.5	77.3	5.3	-208.9	163.9	86.8	2.5
05FAU03-11	310	2580	1.6	0.08339	7.1	0.01359	2.3	0.32	87.0	1.9	81.3	5.5	-82.0	164.4	87.0	1.9
05FAU03-55	455	5277	2.8	0.08442	5.7	0.01371	2.5	0.44	87.8	2.2	82.3	4.5	-74.9	125.2	87.8	2.2
05FAU03-39	317	3497	1.3	0.08413	5.3	0.01384	3.6	0.68	88.6	3.2	82.0	4.2	-106.4	95.9	88.6	3.2
05FAU03-44	154	1943	2.5	0.08177	7.2	0.01407	3.7	0.51	90.1	3.3	79.8	5.5	-218.0	156.2	90.1	3.3
05FAU03-9	968	2945	1.3	0.10615	9.0	0.01490	1.4	0.16	95.3	1.3	102.4	8.8	-270.9	204.8	95.3	1.3
05FAU03-67	181	1820	2.6	0.07897	9.0	0.01494	2.9	0.33	95.6	2.8	77.2	6.7	-461.8	225.4	95.6	2.8
05FAU03-99	206	848	2.7	0.12263	30.1	0.01504	5.8	0.19	96.3	5.5	117.5	33.4	571.6	655.6	96.3	5.5
05FAU03-33	259	2392	2.4	0.10399	11.0	0.01516	3.7	0.34	97.0	3.6	100.5	10.5	183.4	241.5	97.0	3.6
05FAU03-23	148	1654	1.0	0.07338	9.4	0.01534	4.0	0.43	98.1	3.9	71.9	6.5	-732.4	238.1	98.1	3.9
05FAU03-63	189	2087	1.7	0.08719	9.2	0.01544	2.8	0.31	98.8	2.8	84.9	7.5	-289.9	223.6	98.8	2.8
05FAU03-2	215	3688	3.1	0.09612	9.2	0.01597	2.9	0.31	102.1	2.9	93.2	8.2	-130.5	216.8	102.1	2.9
05FAU03-70	177	1624	2.3	0.11112	8.2	0.01726	3.3	0.41	110.3	3.6	107.0	8.3	-33.1	180.0	110.3	3.6
05FAU03-17	301	4013	2.3	0.12584	6.2	0.02027	3.5	0.56	129.4	4.5	120.4	7.0	-54.5	124.7	129.4	4.5
05FAU03-32	528	5469	0.8	0.14049	2.9	0.02050	1.8	0.61	130.8	2.3	133.5	3.6	181.6	53.7	130.8	2.3
05FAU03-26	500	9019	3.4	0.13643	3.7	0.02086	2.7	0.72	133.1	3.5	129.9	4.5	71.5	62.0	133.1	3.5
05FAU03-27	972	17204	1.5	0.13843	3.7	0.02092	2.8	0.78	133.5	3.8	131.6	4.5	98.3	54.7	133.5	3.8
05FAU03-53	504	9822	2.6	0.14073	2.4	0.02112	1.1	0.45	134.8	1.5	133.7	3.1	114.9	51.4	134.8	1.5
05FAU03-40	163	2984	1.4	0.12904	9.4	0.02131	3.2	0.34	135.9	4.2	123.2	10.9	-114.9	218.7	135.9	4.2
05FAU03-42	379	7014	1.6	0.15097	4.2	0.02380	2.7	0.65	151.6	4.1	142.8	5.6	-2.0	76.5	151.6	4.1
05FAU03-88	89	1370	2.3	0.11829	9.4	0.02418	2.7	0.29	154.0	4.1	113.5	10.1	-670.5	248.1	154.0	4.1
05FAU03-84	80	1303	2.0	0.13158	11.8	0.02452	4.3	0.37	156.1	6.7	125.5	13.9	-421.7	288.7	156.1	6.7
05FAU03-54	402	5907	2.4	0.15571	2.7	0.02469	1.1	0.41	157.2	1.8	146.9	3.8	-16.2	60.5	157.2	1.8
05FAU03-89	514	7497	3.8	0.16965	6.6	0.02470	5.3	0.80	157.3	8.2	159.1	9.7	186.8	91.3	157.3	8.2
05FAU03-95	443	7389	2.6	0.15596	4.3	0.02477	3.1	0.72	157.7	4.9	147.2	5.9	-19.7	71.9	157.7	4.9
05FAU03-60	164	3007	1.8	0.14736	4.7	0.02486	2.2	0.47	158.3	3.5	139.6	6.2	-168.7	103.7	158.3	3.5
05FAU03-100	540	11416	1.1	0.17238	2.0	0.02570	1.3	0.66	163.6	2.1	161.5	3.0	130.7	35.1	163.6	2.1
05FAU03-43	343	7657	2.4	0.16735	3.4	0.02588	2.0	0.61	164.7	3.3	157.1	4.9	43.8	63.7	164.7	3.3
05FAU03-86	949	9177	2.3	0.18636	3.2	0.02597	1.7	0.52	165.2	2.7	173.5	5.2	287.8	63.3	165.2	2.7
05FAU03-64	1170	19963	2.7	0.17806	2.4	0.02598	1.4	0.59	165.3	2.3	166.4	3.7	181.7	45.1	165.3	2.3
05FAU03-78	219	3101	1.4	0.17701	4.5	0.02636	2.5	0.57	167.7	4.2	165.5	6.8	133.9	86.4	167.7	4.2
05FAU03-87	509	7178	1.2	0.17984	7.1	0.02636	4.1	0.59	167.7	6.9	167.9	11.0	170.6	134.3	167.7	6.9
05FAU03-19	874	16639	3.1	0.23043	2.4	0.03369	1.4	0.58	213.6	2.9	210.6	4.5	176.7	45.2	213.6	2.9
05FAU03-82	206	3817	1.4	0.21660	4.7	0.03377	2.1	0.44	214.1	4.3	199.1	8.5	24.9	101.5	214.1	4.3
05FAU03-93	536	13046	1.0	0.28646	2.4	0.04066	1.1	0.47	256.9	2.8	255.8	5.3	245.1	48.0	256.9	2.8
05FAU03-50	996	27947	1.3	0.28523	1.6	0.04075	1.3	0.77	257.5	3.2	254.8	3.7	229.9	24.3	257.5	3.2
05FAU03-79	405	9004	2.5	0.30419	4.5	0.04298	1.9	0.42	271.3	5.0	269.7	10.6	255.9	93.6	271.3	5.0
05FAU03-98	407	17373	1.2	0.44856	2.2	0.05918	1.3	0.61	370.6	4.7	376.3	6.8	411.2	38.3	370.6	4.7
05FAU03-38	776	12879	2.0	0.52811	7.0	0.06593	6.6	0.94	411.6	26.2	430.6	24.5	533.5	51.0	411.6	26.2
05FAU03-66	559	7099	1.0	0.54369	10.9	0.06742	3.7	0.34	420.6	15.2	440.9	38.9	548.0	223.7	420.6	15.2
05FAU03-94	103	4975	1.4	0.56201	6.9	0.07374	2.6	0.38	458.6	11.6	452.8	25.2	423.5	142.3	458.6	11.6
05FAU03-22	301	15980	1.6	0.63006	3.0	0.08006	2.1	0.72	496.5	10.2	496.1	11.8	494.6	46.1	496.5	10.2
05FAU03-18	514	18375	3.0	0.66541	2.8	0.08308	1.6	0.58	514.5	7.9	517.9	11.2	533.1	49.4	514.5	7.9
05FAU03-76	691	46096	6.4	0.77133	3.7	0.09387	3.3	0.89	578.4	18.1	580.5	16.2	588.9	36.1	578.4	18.1
05FAU03-13	340	22171	7.1	0.79726	6.7	0.09643	4.4	0.66	593.5	24.8	595.3	30.1	602.2	109.1	593.5	24.8
05FAU03-25	117	13132	1.0	1.40838	2.3	0.14893	1.7	0.73	894.9	14.0	892.5	13.6	886.3	32.3	886.3	32.3
05FAU03-36	132	12779	0.6	1.38892	1.9	0.14555	0.8	0.40	876.0	6.3	884.2	11.3	904.9	36.		

05FAU03-49	106	18935	1.2	5.98276	3.0	0.32897	2.1	0.72	1833.4	34.1	1973.3	25.9	2123.4	36.5	2123.4	36.5
05FAU03-97	280	48437	1.3	10.87021	2.6	0.46523	2.3	0.88	2462.6	47.0	2512.1	24.1	2552.3	20.3	2552.3	20.3

- Notes:
1. All uncertainties are reported at the 1-sigma level, and include only measurement errors. Systematic errors would increase age uncertainties by 1-2%.
  2. U concentration and U/Th are calibrated relative to NIST SRM 610 and are accurate to ~20%.
  3. Common Pb correction is from  $^{204}\text{Pb}$ , with composition interpreted from Stacey and Kramers (1975) and uncertainties of 1.0 for  $^{206}\text{Pb}/^{204}\text{Pb}$ , and 0.3 for  $^{207}\text{Pb}/^{204}\text{Pb}$ .
  4. U/Pb and  $^{206}\text{Pb}/^{207}\text{Pb}$  fractionation is calibrated relative to fragments of a large Sri Lanka zircon of  $563.5 \pm 3.2$  Ma (2-sigma).
  5. U decay constants and composition as follows:  $^{238}\text{U} = 9.8485 \times 10^{-10}$ ,  $^{235}\text{U} = 1.55125 \times 10^{-10}$ ,  $^{238}\text{U}/^{235}\text{U} = 137.88$
  6. "Best age" column indicates interpreted age of grain by inspection of data, generally using ~1.1 Ga as the cross-over value for 206Pb/238U and 207Pb/206Pb ages.