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Late Cenozoic evolution of the Lunggar extensional basin, Tibet: Implications for basin growth and exhumation in hinterland plateaus

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Supplemental data for sedimentary lithofacies, sandstone point-count, U-Pb, and (U-Th)/He analyses

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Table DR1. Lithofacies descriptions and interpretations

Facies Code	Description	Interpretation
Gcb	Clast supported, massive (structureless), cobble to boulder breccia, 1.0-10.0 m	Debris flow, dry-rock avalanche
Gcm	Clast-supported, massive (structureless), cobble to boulder conglomerate, local poor normal grading, 1.0-10.0 m	Clast-rich debris flow
Gmm	Matrix-supported, massive (structureless), cobble to boulder conglomerate, local poor normal grading, 1.0-10.0 m	Matrix-rich debris flow
Gh	Normally graded, sandy pebble to cobble conglomerate, poor horizontal stratification, 0.5-2.0 m	Hyperconcentrated flow
Gi	Clast-supported, imbricated, normally graded, pebble to cobble conglomerate, 0.1-1.0 m	Traction bedload, fluvial gravel bar
Gt	Trough cross-stratified sandy pebble conglomerate, 0.5-2.0 m	3D dune migration
St	Trough cross-stratified, medium- to coarse- grained sandstone, 0.1-2.0 m	3D dune migration
Sr	Ripple cross-stratified fine- to medium-grained sandstone, 0.1-0.5 m	2D to 3D ripple migration
Ss	Medium- to very coarse (local granule to pebble) sandstone filling broad, shallow scours, 0.1-0.5 m	Scour fill
Fl	Siltstone to very fine-grained sandstone, massive (structureless) with faint laminations and/or ripples	Waning flood flow in overbank fluvial setting
Fm	Massive (structureless) mudstone to siltstone, with organic material on bedding planes, 0.1-1.0 m	Suspension fallout in lacustrine setting

Table DR2. Sandstone point count parameters

Symbol	Grain	Calculated Parameters
Q	quartz	
Qm	monocrystalline quartz	Q-F-L:
Qmu	monocrystalline quartz, unstrained	$Q = Qm + Qp$
Qms	monocrystalline quartz, strained	$F = Fu + Fk$
Qp	polycrystalline quartz	$L = Lm + Lv + Ls$
F	feldspar	
Fu	feldspar (undifferentiated)	
Fk	potassium feldspar	
L	lithic fragments	Lm-Lv-Ls:
Lm	metamorphic lithic fragments	$Lm = Lm$
Lie	volcanic lithic fragments	$Lv = Lie + Lii$
Lii	intrusive igneous lithic fragments	$Ls = Lch + Lss + Lsc + Lsm$
Lch	chert lithic fragments	
Lsc	carbonate lithic fragments	
Lss	sandstone lithic fragments	
Lsm	mudstone/claystone lithic fragments	
Ama	accessory mineral: amphibole	
Amb	accessory mineral: biotite	
Amc	accessory mineral: chlorite	
Ame	accessory mineral: epidote	
Amm	accessory mineral: muscovite	
Amo	accessory mineral: other	
Ox	opaque oxides	
Cc	cement: carbonate	
Ch	cement: hematite	

Table DR3. Sandstone Q-F-L and Lm-Lv-Ls relative percentages

Sample	Level (m)	Section/unit	Q-F-L %			Lm-Lv-Ls%		
			Q	F	L	Lm	Lv	Ls
WW082209-06	~100	fluvial unit	39.7	15.2	45.2	7.3	0.7	92.0
WW082209-05	base	fluvial unit	18.7	6.8	74.5	1.2	1.2	97.6
WW082409-02	~100	lacustrine unit	44.5	26.1	29.3	7.0	3.5	89.5
WW082509-05	base	lacustrine unit	39.6	17.8	42.6	47.6	11.0	41.4
WW082609-05	635	section C	23.4	10.4	66.2	91.7	8.3	0.0
WW082609-03	540	section C	20.5	51.5	28.0	73.1	3.8	23.1
WW082609-01	424	section C	33.6	43.7	22.7	60.7	0.0	39.3
WW082309-07	273	section C	38.0	26.5	35.5	76.7	4.3	19.0
WW082309-03	103	section C	28.6	42.9	28.6	92.5	7.5	0.0
WW082309-01	4	section C	27.3	58.3	14.4	16.1	30.4	53.6
WW082509-02	105	section E	18.3	14.3	67.4	0.5	0.5	99.1
WW082109-03	0	section E	12.5	2.7	84.8	32.3	1.2	66.5
BH082509-07	380	section N2	30.1	35.5	34.4	11.2	3.2	85.6
BH082509-06	180	section N2	33.3	14.6	52.1	18.9	8.0	73.1
BH082509-04	90	section N2	19.1	19.7	61.2	24.8	9.3	65.9

Table DR4. Detrital zircon U-Pb results

Analysis	U (ppm)	Isotopic ratios									Apparent ages (Ma)							
		$^{206}\text{Pb}/^{204}\text{Pb}$	U/Th	$^{206}\text{Pb}^*/^{207}\text{Pb}^*$ ± (%)	$^{207}\text{Pb}^*/^{235}\text{U}^*$ ± (%)	$^{206}\text{Pb}^*/^{238}\text{U}$ ± (%)	error corr.	$^{206}\text{Pb}^*/^{238}\text{U}^*$ ± (Ma)	$^{207}\text{Pb}^*/^{235}\text{U}$	± (%)	$^{206}\text{Pb}^*/^{207}\text{Pb}^*$ ± (Ma)	Preferred Age (Ma)	± (Ma)					
WW082209-05: Fluvial unit (base), 31°43.360'N 83°41.526'E																		
20	494	1250	1.1	24.8127	67.2	0.0142	67.4	0.0026	5.6	0.08	16.5	0.9	14.3	9.6	-331.6	1942.4	16.5	0.9
21	1873	1539	0.5	21.0829	18.6	0.0217	18.8	0.0033	2.9	0.16	21.3	0.6	21.8	4.0	71.0	444.7	21.3	0.6
23	508	4707	8.2	22.1356	21.0	0.0450	21.3	0.0072	3.6	0.17	46.4	1.7	44.6	9.3	-46.1	514.4	46.4	1.7
17	417	6224	1.2	30.5127	35.0	0.0334	35.6	0.0074	6.6	0.18	47.5	3.1	33.4	11.7	-895.2	1039.7	47.5	3.1
82	516	5535	1.4	23.4031	14.5	0.0438	15.6	0.0074	5.7	0.36	47.8	2.7	43.6	6.7	-183.3	364.7	47.8	2.7
14	151	1245	0.9	26.2853	51.3	0.0392	52.2	0.0075	9.5	0.18	48.0	4.5	39.0	20.0	-482.1	1445.4	48.0	4.5
38	246	3864	1.1	28.7574	52.5	0.0360	52.8	0.0075	5.4	0.10	48.2	2.6	35.9	18.6	-726.7	1558.7	48.2	2.6
41	223	3195	0.8	21.8209	23.7	0.0476	24.5	0.0075	6.4	0.26	48.3	3.1	47.2	11.3	-11.4	579.0	48.3	3.1
70	248	5056	0.9	27.6322	28.1	0.0378	30.7	0.0076	12.3	0.40	48.6	6.0	37.7	11.4	-616.5	780.2	48.6	6.0
63	387	6725	0.7	23.2473	30.9	0.0450	31.2	0.0076	3.9	0.12	48.7	1.9	44.7	13.6	-166.7	785.9	48.7	1.9
56	178	3311	0.9	18.2594	38.5	0.0574	39.1	0.0076	6.6	0.17	48.8	3.2	56.7	21.5	402.7	893.5	48.8	3.2
88	689	16959	0.9	21.2148	14.2	0.0497	14.6	0.0076	3.3	0.22	49.1	1.6	49.2	7.0	56.2	340.0	49.1	1.6
91	1096	12806	1.4	21.4436	7.2	0.0492	7.5	0.0077	1.8	0.24	49.1	0.9	48.8	3.6	30.5	173.9	49.1	0.9
8	325	2963	0.8	21.9537	34.7	0.0489	35.2	0.0078	6.0	0.17	50.0	3.0	48.5	16.7	-26.1	863.8	50.0	3.0
18	841	14714	1.4	20.8081	10.0	0.0518	10.3	0.0078	2.8	0.27	50.2	1.4	51.3	5.2	102.1	235.9	50.2	1.4
48	214	2947	1.2	20.6575	35.8	0.0523	38.0	0.0078	12.7	0.33	50.4	6.4	51.8	19.2	119.3	869.5	50.4	6.4
57	128	1408	0.9	14.6386	44.2	0.0760	46.7	0.0081	14.9	0.32	51.8	7.7	74.4	33.5	878.1	962.3	51.8	7.7
29	803	5301	1.8	19.4422	13.8	0.0575	13.9	0.0081	1.8	0.13	52.0	0.9	56.8	7.7	260.4	318.3	52.0	0.9
64	124	1684	0.9	98.5588	233.2	0.0126	233.6	0.0090	14.3	0.06	57.6	8.2	12.7	29.4	0.0	0.0	57.6	8.2
79	175	1974	1.7	18.4248	20.3	0.0743	21.4	0.0099	6.9	0.32	63.7	4.4	72.8	15.0	382.4	460.3	63.7	4.4
40	189	1667	0.9	24.9360	21.3	0.0557	25.1	0.0101	13.4	0.53	64.6	8.6	55.0	13.5	-344.3	554.5	64.6	8.6
32	321	4522	0.5	20.1701	14.6	0.0799	16.0	0.0117	6.5	0.41	74.9	4.8	78.0	12.0	175.2	343.0	74.9	4.8
85	143	726	0.7	13.9500	34.5	0.1292	37.6	0.0131	14.9	0.40	83.7	12.4	123.4	43.7	977.0	724.5	83.7	12.4
2	993	31708	6.8	22.0837	6.0	0.0824	6.2	0.0132	1.7	0.28	84.6	1.4	80.4	4.8	-40.4	144.7	84.6	1.4
36	111	2861	1.4	21.2172	37.8	0.0859	38.5	0.0132	7.4	0.19	84.6	6.2	83.6	30.9	55.9	931.4	84.6	6.2
43	64	1330	1.5	22.9263	75.3	0.0888	76.5	0.0148	13.3	0.17	94.5	12.5	86.4	63.4	-132.2	2197.3	94.5	12.5
69	231	4504	1.0	21.8892	8.7	0.0977	9.8	0.0155	4.5	0.46	99.2	4.5	94.7	8.8	-19.0	209.7	99.2	4.5
25	349	7511	0.8	23.7380	16.2	0.0918	16.3	0.0158	2.3	0.14	101.1	2.3	89.2	14.0	-218.9	409.1	101.1	2.3
59	602	11198	1.5	21.5551	7.7	0.1011	8.7	0.0158	4.2	0.48	101.1	4.2	97.8	8.1	18.1	184.6	101.1	4.2
86	285	8504	1.6	20.4324	10.6	0.1068	11.6	0.0158	4.7	0.41	101.2	4.7	103.0	11.4	145.0	249.3	101.2	4.7
22	133	6053	2.1	20.6054	22.6	0.1078	23.2	0.0161	5.4	0.23	103.0	5.5	103.9	22.9	125.2	537.1	103.0	5.5
84	465	13930	0.7	21.2733	11.6	0.1131	13.1	0.0175	6.0	0.46	111.5	6.6	108.8	13.5	49.6	277.8	111.5	6.6
26	269	7649	1.0	22.3376	14.0	0.1266	14.4	0.0205	3.2	0.22	130.9	4.1	121.0	16.4	-68.3	344.1	130.9	4.1
47	102	3437	1.2	17.9221	23.5	0.1598	24.6	0.0208	7.2	0.29	132.5	9.4	150.5	34.4	444.3	529.4	132.5	9.4
44	536	13951	1.0	21.8942	7.0	0.1347	7.1	0.0214	1.1	0.15	136.4	1.4	128.3	8.5	-19.5	169.5	136.4	1.4
37	319	10592	1.6	20.8278	9.1	0.1420	9.3	0.0215	2.1	0.22	136.8	2.8	134.8	11.8	99.9	215.1	136.8	2.8
30	261	8603	1.2	19.5678	13.7	0.1518	14.0	0.0215	3.1	0.22	137.4	4.2	143.5	18.8	245.5	315.8	137.4	4.2
35	156	6379	1.2	22.8974	27.7	0.1303	28.0	0.0216	4.1	0.15	138.1	5.6	124.4	32.8	-129.1	696.8	138.1	5.6
1	426	11559	1.4	20.6747	5.3	0.1461	5.6	0.0219	1.8	0.31	139.7	2.4	138.5	7.3	117.3	125.8	139.7	2.4
4	855	35601	24.0	20.0728	4.0	0.1513	4.3	0.0220	1.5	0.35	140.4	2.1	143.0	5.7	186.5	92.8	140.4	2.1
7	102	4378	1.4	16.0207	22.2	0.1896	22.8	0.0220	5.5	0.24	140.5	7.6	176.3	37.0	688.5	478.5	140.5	7.6
15	159	6320	1.3	23.2307	33.3	0.1320	33.4	0.0222	2.1	0.06	141.8	2.9	125.9	39.5	-164.9	848.9	141.8	2.9
31	426	16257	1.2	20.4915	6.3	0.1520	6.6	0.0226	1.8	0.27	144.0	2.6	143.6	8.8	138.3	148.4	144.0	2.6
93	262	7136	1.0	21.7854	21.3	0.1449	21.6	0.0229	3.5	0.16	145.9	5.1	137.4	27.7	-7.5	518.5	145.9	5.1
51	154	3597	1.4	20.1909	16.8	0.1590	17.8	0.0233	5.9	0.33	148.4	8.7	149.8	24.8	172.8	394.3	148.4	8.7
94	731	15773	0.7	20.2022	4.2	0.1595	4.7	0.0234	2.2	0.47	148.9	3.3	150.2	6.6	171.5	97.0	148.9	3.3
49	466	12869	0.7	20.9825	5.4	0.1536	6.3	0.0234	3.2	0.51	149.0	4.7	145.1	8.5	82.3	128.0	149.0	4.7
33	312	8547	1.2	20.5022	12.3	0.1580	12.5	0.0235	2.0	0.16	149.7	2.9	149.0	17.3	137.1	290.4	149.7	2.9
50	295	19578	0.9	20.4730	7.6	0.1586	8.0	0.0236	2.6	0.32	150.1	3.8	149.5	11.1	140.4	177.5	150.1	3.8
74	369	6518	0.9	21.8922	13.2	0.1488	13.7	0.0236	3.4	0.25	150.5	5.1	140.8	18.0	-19.3	321.1	150.5	5.1
78	571	4479	0.6	21.7512	6.5	0.1501	6.9	0.0237	2.2	0.33	150.9	3.3	142.0	9.1	-3.7	156.9	150.9	3.3
27	329	11577	1.3	21.1094	16.0	0.1548	16.8	0.0237	5.2	0.31	151.0	7.7	146.1	22.8	68.1	382.1	151.0	7.7
12	364	10781	1.1	20.8021	6.1	0.1573	9.4	0.0237	7.1	0.76	151.2	10.6	148.3	12.9	102.8	144.8	151.2	10.6
77	391	10880	1.2	20.7749	6.6	0.1576	7.3	0.0237	3.1	0.43	151.3	4.7	148.6	10.2	105.9	157.1	151.3	4.7
42	1482	65480	3.0	20.3477	1.5	0.1614	2.2	0.0238	1.6	0.73	151.7	2.4	151.9	3.1	154.8	34.9	151.7	2.4
13	243	8695	1.3	23.0545	13.6	0.1425	14.0	0.0238	3.6	0.25	151.8	5.3	135.2	17.7	-146.0	337.4	151.8	5.3
3	196	7855	1.2	19.9694	20.8	0.1646	21.5	0.0238	5.6	0.26	151.9	8.4	154.7	30.9	198			

61	253	7144	1.0	22.8528	16.3	0.1476	16.5	0.0245	2.4	0.15	155.8	3.7	139.8	21.5	-124.2	404.8	155.8	3.7
34	162	1668	1.3	26.5194	14.3	0.1289	15.0	0.0248	4.6	0.31	157.9	7.1	123.1	17.4	-505.7	382.3	157.9	7.1
81	380	15767	0.9	20.3166	9.4	0.1683	9.8	0.0248	3.0	0.31	157.9	4.7	157.9	14.4	158.4	219.6	157.9	4.7
28	171	6970	1.0	21.8983	25.9	0.1580	26.4	0.0251	5.1	0.19	159.8	8.1	148.9	36.6	-20.0	635.7	159.8	8.1
89	974	80783	1.2	19.8407	1.3	0.1757	1.8	0.0253	1.2	0.69	160.9	1.9	164.3	2.7	213.6	29.2	160.9	1.9
5	422	14214	1.0	19.7873	6.7	0.1763	6.8	0.0253	1.1	0.16	161.1	1.7	164.9	10.3	219.8	155.4	161.1	1.7
24	395	9904	1.2	20.2848	9.6	0.1734	10.0	0.0255	2.7	0.27	162.4	4.3	162.4	15.0	162.0	225.0	162.4	4.3
72	454	16582	4.6	15.2282	3.2	0.4234	4.1	0.0468	2.5	0.62	294.6	7.2	358.5	12.3	795.8	66.9	294.6	7.2
39	163	13271	1.6	17.7839	4.0	0.5745	4.7	0.0741	2.5	0.53	460.8	11.0	460.9	17.3	461.5	87.7	460.8	11.0
67	1117	65779	77.9	16.1942	0.6	0.7800	2.1	0.0916	2.0	0.95	565.1	10.8	585.5	9.4	665.5	13.7	565.1	10.8
46	447	82328	3.1	14.5237	1.4	1.1083	7.2	0.1167	7.1	0.98	711.8	47.6	757.4	38.5	894.4	29.2	711.8	47.6
19	1402	257999	6.7	13.9850	0.4	1.2715	3.1	0.1290	3.1	0.99	782.0	22.6	833.1	17.6	971.9	9.0	782.0	22.6
58	85	20223	2.2	14.1506	5.0	1.5357	6.2	0.1576	3.6	0.58	943.5	31.2	944.8	37.8	947.8	102.8	947.8	102.8
10	244	60760	1.6	13.8523	1.5	1.7336	3.0	0.1742	2.5	0.86	1035.0	24.1	1021.1	19.0	991.3	31.1	991.3	31.1
6	85	20493	1.8	13.3885	3.3	1.7211	9.1	0.1671	8.5	0.93	996.2	78.7	1016.4	58.8	1060.2	66.1	1060.2	66.1
80	286	133868	1.7	9.1908	0.5	4.5034	3.3	0.3002	3.3	0.99	1692.2	48.6	1731.6	27.5	1779.5	10.0	1779.5	10.0
95	136	2788	1.0	6.1050	435.7	0.2229	435.9	0.0099	13.6	0.03	63.3	8.6	204.4	1100.6	2495.3	550.3	2495.3	550.3

WWV082409-02: Lacustrine unit (top), 31°39.918'N 83°39.638'E

95	78	944	1.5	13.9721	45.8	0.1554	46.9	0.0157	10.0	0.21	100.7	10.0	146.7	64.1	973.8	986.0	100.7	10.0
59	355	4911	0.7	20.7196	14.1	0.1052	14.3	0.0158	2.0	0.14	101.2	2.0	101.6	13.8	112.2	334.9	101.2	2.0
100	404	14189	0.8	21.2834	13.2	0.1049	13.4	0.0162	1.9	0.14	103.5	1.9	101.3	12.9	48.5	317.3	103.5	1.9
87	919	20031	1.2	21.9978	3.2	0.1045	3.6	0.0167	1.6	0.44	106.6	1.7	100.9	3.5	-31.0	78.1	106.6	1.7
40	562	9074	8.9	19.8390	7.8	0.1599	8.1	0.0230	2.2	0.27	146.6	3.2	150.6	11.3	213.8	180.0	146.6	3.2
51	1222	29370	0.5	20.3204	1.6	0.1560	2.0	0.0230	1.2	0.60	146.6	1.7	147.2	2.7	157.9	37.5	146.6	1.7
45	201	6722	0.8	23.2213	15.3	0.1375	17.1	0.0232	7.7	0.45	147.6	11.2	130.8	21.0	-163.9	383.1	147.6	11.2
16	177	6247	1.1	21.0915	14.8	0.1521	17.6	0.0233	9.4	0.54	148.2	13.8	143.7	23.5	70.0	354.0	148.2	13.8
6	250	10047	1.0	20.8299	9.8	0.1552	10.2	0.0234	2.8	0.27	149.4	4.1	146.5	13.9	99.6	232.1	149.4	4.1
31	145	3458	0.9	24.2447	28.4	0.1335	32.0	0.0235	14.8	0.46	149.6	21.9	127.3	38.3	-272.3	733.6	149.6	21.9
47	154	5011	1.0	21.1990	18.8	0.1540	19.0	0.0237	3.0	0.16	150.9	4.4	145.5	25.7	57.9	450.5	150.9	4.4
92	714	14035	0.6	20.7298	4.4	0.1575	4.5	0.0237	1.1	0.25	150.9	1.7	148.5	6.3	111.0	104.0	150.9	1.7
57	407	4027	0.7	21.4382	8.9	0.1524	11.2	0.0237	6.8	0.60	151.0	10.1	144.1	15.1	31.1	214.7	151.0	10.1
69	240	4527	0.8	22.6752	12.4	0.1442	12.8	0.0237	2.9	0.23	151.1	4.4	136.8	16.4	-105.0	307.2	151.1	4.4
55	152	3723	1.1	21.4243	18.7	0.1529	19.5	0.0238	5.5	0.28	151.4	8.3	144.5	26.3	32.7	452.3	151.4	8.3
12	165	3886	1.2	20.7934	11.0	0.1578	12.7	0.0238	6.2	0.49	151.6	9.4	148.7	17.6	103.8	261.8	151.6	9.4
25	332	8430	0.7	20.6639	8.7	0.1588	9.1	0.0238	2.9	0.32	151.6	4.3	149.7	12.7	118.6	204.7	151.6	4.3
67	758	10425	1.2	19.7646	5.2	0.1660	5.4	0.0238	1.4	0.26	151.6	2.1	155.9	7.8	222.4	121.0	151.6	2.1
19	283	3820	0.8	19.2578	5.9	0.1706	6.4	0.0238	2.3	0.36	151.8	3.4	160.0	9.4	282.2	136.0	151.8	3.4
86	482	14032	0.7	19.2122	7.6	0.1710	7.8	0.0238	2.0	0.26	151.8	3.0	160.3	11.6	287.6	173.4	151.8	3.0
11	655	15560	0.7	20.1579	4.6	0.1633	5.4	0.0239	2.9	0.53	152.0	4.3	153.5	7.7	176.7	107.0	152.0	4.3
52	160	8284	1.2	20.3888	18.2	0.1614	18.9	0.0239	5.1	0.27	152.0	7.7	151.9	26.7	150.0	430.8	152.0	7.7
10	128	2993	1.1	25.3694	24.8	0.1298	25.1	0.0239	3.8	0.15	152.1	5.7	123.9	29.3	-389.0	653.6	152.1	5.7
58	233	7307	0.9	21.8541	13.2	0.1508	13.6	0.0239	3.2	0.23	152.2	4.8	142.6	18.1	-15.1	320.2	152.2	4.8
26	174	3131	1.0	23.7203	12.3	0.1391	12.5	0.0239	2.3	0.18	152.5	3.5	132.3	15.5	-217.1	310.4	152.5	3.5
89	778	23011	1.2	20.3089	3.1	0.1625	3.3	0.0239	1.1	0.34	152.5	1.7	152.9	4.7	159.2	73.0	152.5	1.7
91	268	8647	1.3	20.9369	9.2	0.1576	9.9	0.0239	3.5	0.36	152.5	5.3	148.6	13.7	87.5	219.1	152.5	5.3
28	153	8088	0.9	21.4654	19.9	0.1539	20.0	0.0240	2.6	0.13	152.6	4.0	145.4	27.1	28.1	480.0	152.6	4.0
14	171	4606	1.1	23.1894	24.5	0.1425	25.1	0.0240	5.7	0.23	152.7	8.6	135.3	31.8	-160.5	616.1	152.7	8.6
62	337	7166	1.1	21.9586	10.0	0.1507	11.2	0.0240	5.0	0.45	152.9	7.6	142.5	14.9	-26.6	243.5	152.9	7.6
70	225	5745	1.3	21.1106	9.1	0.1567	9.6	0.0240	3.1	0.32	152.9	4.7	147.8	13.2	67.9	216.0	152.9	4.7
72	407	5839	0.8	19.5956	7.0	0.1689	7.9	0.0240	3.8	0.48	152.9	5.7	158.4	11.6	242.3	160.4	152.9	5.7
65	1105	14469	0.8	20.3999	3.5	0.1623	3.8	0.0240	1.5	0.41	153.0	2.3	152.7	5.4	148.8	81.3	153.0	2.3
2	168	3967	1.2	18.2417	15.5	0.1817	15.8	0.0240	3.2	0.20	153.1	4.9	169.5	24.6	404.8	347.8	153.1	4.9
4	214	5516	1.1	26.6364	8.0	0.1247	8.5	0.0241	2.9	0.34	153.4	4.4	119.3	9.6	-517.5	214.0	153.4	4.4
5	261	6728	1.1	21.2322	9.9	0.1564	10.1	0.0241	1.9	0.19	153.4	2.9	147.5	13.8	54.2	236.2	153.4	2.9
23	131	4318	1.0	18.3043	18.0	0.1814	18.3	0.0241	3.3	0.18	153.4	5.1	169.3	28.5	397.2	406.1	153.4	5.1
98	231	7447	0.9	22.3992	12.5	0.1483	13.8	0.0241	5.8	0.42	153.5	8.8	140.4	18.1	-75.0	307.8	153.5	8.8
99	295	11272	1.1	21.5180	10.7	0.1544	11.1	0.0241	3.0	0.27	153.5	4.6	145.8	15.1	22.2	257.3	153.5	4.6
21	281	8341	1.0	21.0497	12.0	0.1581	12.2	0.0241	2.3	0.19	153.8	3.5	149.1	16.9	74.8	286.1	153.8	3.5
63	211	3814	0.9	21.0816	12.3	0.1579	12.9	0.0241	4.0	0.31	153.8	6.0	148.8	17.9	71.1	293.9	153.8	6.0
9	280	7991	0.8	20.9113	5.9	0.1596	6.3	0.0242	2.2	0.35								

82	240	8368	1.0	21.9545	18.5	0.1544	18.6	0.0246	1.2	0.07	156.6	1.9	145.8	25.3	-26.2	452.5	156.6	1.9
27	112	3564	1.0	24.5624	20.6	0.1382	21.2	0.0246	4.8	0.23	156.8	7.5	131.5	26.1	-305.5	531.9	156.8	7.5
34	108	2636	1.2	21.4819	18.5	0.1580	20.5	0.0246	8.8	0.43	156.8	13.7	149.0	28.5	26.2	448.1	156.8	13.7
22	201	7835	0.8	18.9624	11.6	0.1793	12.2	0.0247	3.6	0.29	157.0	5.5	167.4	18.8	317.4	265.0	157.0	5.5
30	244	6649	1.0	22.7791	14.1	0.1492	14.2	0.0246	1.8	0.12	157.0	2.7	141.2	18.8	-116.3	349.4	157.0	2.7
66	169	2442	1.2	22.1335	18.9	0.1538	19.6	0.0247	5.0	0.26	157.2	7.8	145.2	26.5	-45.9	462.8	157.2	7.8
80	282	7120	0.8	20.4213	12.4	0.1667	12.8	0.0247	3.1	0.24	157.2	4.8	156.5	18.5	146.3	291.4	157.2	4.8
85	573	7087	1.1	20.6381	5.8	0.1651	6.0	0.0247	1.4	0.23	157.4	2.2	155.2	8.6	121.5	137.5	157.4	2.2
78	295	8796	0.9	21.9111	17.8	0.1558	17.9	0.0248	2.1	0.12	157.6	3.2	147.0	24.5	-21.4	433.4	157.6	3.2
1	338	6238	0.9	20.7301	12.6	0.1648	12.7	0.0248	1.6	0.13	157.8	2.5	154.9	18.2	111.0	297.8	157.8	2.5
8	198	5208	0.7	20.9991	11.5	0.1627	11.9	0.0248	2.9	0.25	157.8	4.6	153.1	16.9	80.5	274.2	157.8	4.6
94	250	6969	0.8	19.8640	11.7	0.1720	11.8	0.0248	1.5	0.13	157.8	2.4	161.2	17.6	210.9	272.0	157.8	2.4
61	231	3728	1.1	24.4076	15.5	0.1400	16.4	0.0248	5.5	0.33	157.9	8.5	133.1	20.5	-289.4	396.8	157.9	8.5
90	268	7162	1.0	23.2505	11.6	0.1471	11.7	0.0248	1.9	0.16	157.9	2.9	139.3	15.3	-167.0	288.7	157.9	2.9
50	250	9840	1.0	20.8632	8.0	0.1641	8.7	0.0248	3.4	0.39	158.1	5.3	154.3	12.4	95.9	188.7	158.1	5.3
60	274	8502	1.1	19.3848	14.0	0.1765	14.2	0.0248	2.2	0.15	158.1	3.4	165.1	21.6	267.2	323.0	158.1	3.4
29	166	4377	1.1	22.3979	13.6	0.1531	14.4	0.0249	4.7	0.33	158.3	7.4	144.6	19.4	-74.9	333.7	158.3	7.4
73	230	4589	0.8	21.4941	10.0	0.1595	11.3	0.0249	5.3	0.47	158.3	8.3	150.2	15.8	24.9	239.5	158.3	8.3
37	348	11796	0.9	21.1714	11.2	0.1622	12.1	0.0249	4.4	0.36	158.6	6.8	152.6	17.1	61.0	268.5	158.6	6.8
43	220	7152	1.0	20.4935	10.9	0.1676	11.2	0.0249	2.7	0.24	158.6	4.3	157.3	16.3	138.0	256.0	158.6	4.3
36	209	5675	0.8	21.5403	14.8	0.1599	15.2	0.0250	3.6	0.24	159.1	5.7	150.6	21.3	19.7	355.9	159.1	5.7
44	226	11664	0.9	21.3572	10.8	0.1614	11.1	0.0250	2.5	0.23	159.2	3.9	151.9	15.6	40.2	258.6	159.2	3.9
81	525	8625	1.0	21.2895	10.3	0.1619	10.5	0.0250	2.2	0.21	159.2	3.5	152.4	14.9	47.8	246.7	159.2	3.5
93	178	2761	1.2	24.1119	17.5	0.1431	17.7	0.0250	2.3	0.13	159.4	3.6	135.8	22.5	-258.4	447.5	159.4	3.6
96	352	10751	1.0	20.8043	9.6	0.1660	9.8	0.0251	1.7	0.17	159.5	2.6	156.0	14.1	102.6	228.0	159.5	2.6
77	295	4627	1.1	22.7560	9.0	0.1521	9.5	0.0251	2.9	0.31	159.8	4.6	143.7	12.7	-113.8	222.3	159.8	4.6
88	534	16257	2.1	20.8446	5.3	0.1663	5.5	0.0251	1.5	0.27	160.1	2.4	156.2	8.0	98.0	125.5	160.1	2.4
38	232	4081	1.0	25.6739	15.3	0.1352	15.4	0.0252	2.2	0.14	160.3	3.5	128.8	18.7	-420.1	401.8	160.3	3.5
54	99	3776	1.3	20.8381	26.0	0.1679	27.0	0.0254	7.4	0.27	161.6	11.7	157.6	39.4	98.7	623.1	161.6	11.7
83	275	8829	0.8	19.3760	11.9	0.1829	12.5	0.0257	4.0	0.32	163.6	6.4	170.6	19.7	268.2	273.1	163.6	6.4
71	591	6414	0.7	20.8772	6.5	0.1719	7.8	0.0260	4.3	0.56	165.7	7.1	161.1	11.6	94.3	153.3	165.7	7.1
49	1238	87903	1.3	17.5858	1.0	0.3921	1.6	0.0500	1.3	0.79	314.6	4.0	335.9	4.7	486.3	22.3	314.6	4.0
84	513	36993	2.8	13.6987	0.9	1.6321	2.1	0.1622	1.9	0.90	968.7	17.3	982.7	13.4	1013.9	18.6	1013.9	18.6
33	140	41347	1.5	13.1685	1.9	1.7582	4.3	0.1679	3.8	0.90	1000.7	35.6	1030.2	27.7	1093.5	37.8	1093.5	37.8

WW082509-05: Lacustrine unit (base), 31°39.934'N 83°39.828'E

20	665	8148	1.3	23.3943	28.4	0.0231	29.3	0.0039	7.5	0.25	25.2	1.9	23.2	6.7	-182.4	720.6	25.2	1.9
34	934	21781	1.3	21.9199	12.3	0.0463	13.8	0.0074	6.3	0.46	47.2	3.0	45.9	6.2	-22.4	299.1	47.2	3.0
41	910	12175	0.6	20.5405	10.6	0.0529	11.9	0.0079	5.4	0.46	50.6	2.7	52.4	6.1	132.6	249.5	50.6	2.7
12	233	12154	0.9	23.8712	29.3	0.0813	30.6	0.0141	9.0	0.29	90.1	8.1	79.4	23.4	-233.0	751.7	90.1	8.1
6	211	11370	1.3	19.2541	23.3	0.1068	24.4	0.0149	7.1	0.29	95.4	6.7	103.0	23.9	282.7	540.2	95.4	6.7
10	790	24456	0.7	20.9516	5.6	0.1032	6.3	0.0157	2.9	0.46	100.3	2.9	99.7	6.0	85.9	133.4	100.3	2.9
24	1781	86961	1.2	21.1363	2.4	0.1030	4.0	0.0158	3.2	0.79	101.0	3.2	99.5	3.8	65.0	58.3	101.0	3.2
88	622	21637	0.8	19.3661	6.4	0.1168	8.8	0.0164	6.0	0.69	104.9	6.3	112.2	9.3	269.3	145.9	104.9	6.3
37	79	2976	0.7	12.4176	53.5	0.2045	56.3	0.0184	17.3	0.31	117.6	20.2	188.9	9.7	1210.0	1142.0	117.6	20.2
90	222	2226	0.9	16.4628	18.7	0.1603	19.4	0.0191	5.0	0.26	122.2	6.0	151.0	27.2	630.2	407.0	122.2	6.0
87	265	10547	0.9	21.9200	13.0	0.1206	15.6	0.0192	8.6	0.55	122.5	10.5	115.6	17.1	-22.4	316.5	122.5	10.5
45	1022	21581	0.5	19.2334	5.5	0.1421	20.2	0.0198	19.5	0.96	126.5	24.4	134.9	25.6	285.1	127.0	126.5	24.4
80	196	8845	1.2	27.5184	60.9	0.0994	61.2	0.0198	6.1	0.10	126.6	7.6	96.2	56.2	-605.3	1810.2	126.6	7.6
50	214	18429	0.8	19.1503	14.3	0.1457	15.5	0.0202	6.1	0.39	129.1	7.7	138.1	20.0	295.0	326.8	129.1	7.7
42	105	6938	0.7	20.3671	48.1	0.1397	48.7	0.0206	7.6	0.16	131.7	9.9	132.8	60.7	152.6	1190.4	131.7	9.9
63	124	3931	0.5	19.1387	41.8	0.1493	42.4	0.0207	7.2	0.17	132.2	9.5	141.3	55.9	296.4	992.9	132.2	9.5
61	320	22639	1.1	20.3265	10.5	0.1448	11.9	0.0213	5.6	0.47	136.1	7.5	137.3	15.2	245.7	136.1	7.5	137.3
69	424	22561	0.7	21.4147	9.2	0.1441	9.7	0.0224	3.0	0.31	142.7	4.3	136.7	12.4	33.8	220.4	142.7	4.3
68	248	11327	1.2	19.1386	12.2	0.1621	13.5	0.0225	5.9	0.43	143.4	8.3	152.5	19.2	296.4	278.8	143.4	8.3
72	2433	34726	0.7	20.1615	1.4	0.1546	2.9	0.0226	2.5	0.88	144.1	3.6	146.0	3.9	176.2	32.3	144.1	3.6
27	250	12485	0.9	18.6907	11.4	0.1678	11.6	0.0227	2.2	0.19	145.0	3.2	157.5	17.0	350.2	258.4	145.0	3.2
3	1544	53257	0.7	19.8302	2.2	0.1587	2.7	0.0228	1.6	0.59	145.4	2.3	149.5	3.8	214.8	51.2	145.4	2.3
4	1799	15146	0.8	19.4609	4.8	0.1617	14.5	0.0228	13.7	0.94	145.4	19.6	152.2	20.5	258.1	110.1	145.4	19.6
14	1505	55307	0.8	19.7048	4.6	0.1600	5.9	0.0229	3.7	0.62	145.7	5.3	150.7	8.2	229.4	105.7	145.7	5.3
40	688	16521	1.3	20.4731	4.2	0.1541	4.6	0.0229	1.7	0.38	145							

98	445	28313	1.3	21.1003	6.5	0.1542	7.5	0.0236	3.8	0.51	150.4	5.7	145.6	10.2	69.0	153.8	150.4	5.7
32	747	38924	0.8	20.0457	5.2	0.1625	6.5	0.0236	3.9	0.60	150.5	5.8	152.9	9.3	189.7	122.0	150.5	5.8
79	672	39820	0.8	20.0797	4.5	0.1622	5.1	0.0236	2.4	0.48	150.5	3.6	152.6	7.2	185.7	104.5	150.5	3.6
17	355	21607	0.8	20.9336	12.2	0.1558	13.5	0.0236	5.7	0.42	150.7	8.4	147.0	18.4	87.9	290.7	150.7	8.4
83	893	3485	0.9	19.5558	9.7	0.1668	9.9	0.0237	2.1	0.21	150.7	3.1	156.7	14.4	247.0	222.9	150.7	3.1
2	193	17236	1.1	20.2223	14.4	0.1614	15.3	0.0237	5.0	0.33	150.8	7.5	151.9	21.6	169.2	338.6	150.8	7.5
59	674	7969	0.6	19.5224	10.1	0.1672	12.1	0.0237	6.7	0.55	150.8	10.0	156.9	17.7	250.9	233.9	150.8	10.0
57	505	17561	1.0	21.2908	10.8	0.1533	12.4	0.0237	6.2	0.50	150.9	9.2	144.9	16.8	47.6	258.7	150.9	9.2
81	429	28316	0.7	20.5201	7.7	0.1591	8.0	0.0237	2.5	0.31	150.9	3.7	149.9	11.2	135.0	180.0	150.9	3.7
35	436	4440	1.0	20.4926	5.3	0.1594	6.4	0.0237	3.5	0.56	151.0	5.3	150.2	8.9	138.1	124.3	151.0	5.3
21	497	26321	1.1	20.4844	7.4	0.1600	8.4	0.0238	3.8	0.46	151.4	5.7	150.7	11.7	139.1	174.9	151.4	5.7
52	664	53621	0.9	19.7108	5.3	0.1666	7.0	0.0238	4.6	0.65	151.7	6.8	156.4	10.1	228.7	121.8	151.7	6.8
94	738	85884	0.9	19.6497	5.1	0.1670	7.0	0.0238	4.8	0.68	151.7	7.2	156.8	10.2	235.9	118.6	151.7	7.2
75	361	28866	1.3	20.8943	7.5	0.1572	8.0	0.0238	3.0	0.37	151.8	4.4	148.3	11.1	92.4	177.0	151.8	4.4
65	323	14934	1.1	20.4184	9.1	0.1610	9.4	0.0238	2.5	0.26	151.9	3.7	151.5	13.3	146.7	214.0	151.9	3.7
28	1367	17134	1.0	20.1684	2.1	0.1632	3.0	0.0239	2.1	0.72	152.1	3.2	153.5	4.2	175.4	48.0	152.1	3.2
73	475	51387	1.2	21.3239	8.5	0.1545	9.1	0.0239	3.4	0.37	152.2	5.1	145.9	12.4	43.9	202.5	152.2	5.1
25	360	2882	1.2	19.5512	15.9	0.1688	16.5	0.0239	4.5	0.27	152.4	6.7	158.3	24.2	247.5	368.0	152.4	6.7
47	271	20491	0.9	21.6943	20.7	0.1523	21.3	0.0240	5.0	0.24	152.6	7.6	143.9	28.6	2.6	503.6	152.6	7.6
58	398	1297	1.0	18.3850	12.6	0.1797	13.3	0.0240	4.3	0.32	152.6	6.5	167.8	20.6	387.3	284.9	152.6	6.5
89	359	21197	1.2	20.0716	12.1	0.1647	12.5	0.0240	2.8	0.23	152.7	4.3	154.8	17.9	186.7	283.2	152.7	4.3
44	443	2612	1.2	18.9929	9.7	0.1741	9.8	0.0240	1.0	0.11	152.8	1.6	163.0	14.7	313.8	221.5	152.8	1.6
23	1525	56381	0.9	20.2690	2.4	0.1633	4.2	0.0240	3.5	0.83	152.9	5.3	153.6	6.0	163.8	55.0	152.9	5.3
54	325	16930	1.1	19.4663	11.2	0.1701	12.0	0.0240	4.2	0.35	152.9	6.3	159.5	17.7	257.5	258.6	152.9	6.3
95	223	9619	0.8	22.8448	19.3	0.1449	20.6	0.0240	7.4	0.36	152.9	11.2	137.4	26.5	-123.4	479.1	152.9	11.2
26	262	11871	1.1	21.4508	14.6	0.1544	14.9	0.0240	3.0	0.20	153.0	4.5	145.8	20.3	29.7	351.9	153.0	4.5
7	520	5821	1.2	20.6164	5.3	0.1609	5.8	0.0241	2.3	0.40	153.3	3.5	151.5	8.1	123.9	124.6	153.3	3.5
18	361	16505	0.7	21.1831	5.4	0.1566	6.1	0.0241	2.9	0.47	153.3	4.4	147.8	8.4	59.8	128.4	153.3	4.4
8	732	49488	1.1	21.0116	2.6	0.1582	4.4	0.0241	3.5	0.80	153.5	5.3	149.1	6.0	79.0	61.8	153.5	5.3
60	575	20516	0.8	20.1232	4.4	0.1653	7.7	0.0241	6.4	0.82	153.7	9.6	155.3	11.1	180.7	102.7	153.7	9.6
13	275	11361	1.1	23.0227	12.2	0.1448	15.5	0.0242	9.6	0.62	154.0	14.7	137.3	19.9	-142.6	302.3	154.0	14.7
16	346	18918	0.9	22.1805	8.3	0.1502	8.8	0.0242	2.9	0.34	154.0	4.5	142.1	11.6	-51.1	201.3	154.0	4.5
49	366	1762	0.9	20.5536	12.5	0.1624	12.7	0.0242	2.5	0.20	154.2	3.8	152.8	18.0	131.1	294.0	154.2	3.8
15	430	20920	1.1	19.5249	10.0	0.1711	10.8	0.0242	4.0	0.37	154.3	6.2	160.4	16.0	250.6	231.4	154.3	6.2
82	978	42614	0.8	19.9555	3.9	0.1678	5.8	0.0243	4.3	0.75	154.7	6.6	157.5	8.4	200.2	89.5	154.7	6.6
53	452	22560	1.2	19.5046	7.6	0.1718	9.2	0.0243	5.3	0.57	154.8	8.1	161.0	13.7	253.0	174.0	154.8	8.1
5	468	26534	0.5	20.0516	6.4	0.1672	7.6	0.0243	4.2	0.55	154.9	6.4	157.0	11.0	189.0	147.9	154.9	6.4
66	2331	185069	0.9	20.0493	1.3	0.1673	2.7	0.0243	2.4	0.88	154.9	3.7	157.1	4.0	189.2	30.7	154.9	3.7
51	397	74086	1.0	21.0281	7.1	0.1598	8.9	0.0244	5.4	0.61	155.2	8.3	150.5	12.5	77.2	168.2	155.2	8.3
11	703	6380	1.8	18.1962	7.5	0.1852	8.5	0.0244	4.0	0.47	155.7	6.2	172.5	13.5	410.4	167.9	155.7	6.2
55	231	21116	0.9	23.8533	17.0	0.1418	17.6	0.0245	4.5	0.25	156.2	6.9	134.6	22.2	-231.1	432.0	156.2	6.9
19	679	72625	1.0	20.6710	5.5	0.1641	6.2	0.0246	3.0	0.48	156.7	4.6	154.3	8.9	117.8	128.6	156.7	4.6
91	200	21666	1.2	18.9412	24.3	0.1809	24.4	0.0249	1.9	0.08	158.3	3.0	168.9	37.9	320.0	559.0	158.3	3.0
74	805	39261	0.8	20.1682	5.4	0.1749	7.1	0.0256	4.6	0.65	162.8	7.4	163.6	10.7	175.5	125.6	162.8	7.4
39	601	29396	1.0	20.2535	8.1	0.1747	9.1	0.0257	4.1	0.45	163.4	6.7	163.5	13.7	165.6	189.5	163.4	6.7
86	715	69091	0.8	19.9596	5.2	0.1783	6.8	0.0258	4.5	0.65	164.3	7.2	166.6	10.5	199.7	120.4	164.3	7.2
1	583	129608	13.6	16.4463	4.2	0.8918	5.3	0.1064	3.2	0.60	651.6	19.8	647.3	25.4	632.3	91.3	651.6	19.8
93	325	132318	5.9	13.4951	1.7	1.4989	11.3	0.1467	11.2	0.99	882.5	92.2	929.9	69.0	1044.2	33.6	1044.2	33.6
36	454	861169	1.3	6.0226	0.6	10.2724	2.2	0.4487	2.1	0.96	2389.5	41.2	2459.6	19.9	2518.1	10.2	2518.1	10.2

WW082609-05: Section C (635m), 31°36.727'N 83°32.864'E

22	1034	5174	0.7	23.9844	37.8	0.0155	38.4	0.0027	6.4	0.17	17.3	1.1	15.6	5.9	-245.0	987.0	17.3	1.1
62	948	24579	0.7	20.3184	8.5	0.1019	9.2	0.0150	3.7	0.40	96.0	3.5	98.5	8.6	158.2	198.1	96.0	3.5
59	106	3415	0.8	20.2224	103.5	0.1029	104.4	0.0151	13.2	0.13	96.5	12.7	99.4	99.2	169.2	930.7	96.5	12.7
66	158	776	1.4	20.1878	37.2	0.1032	37.6	0.0151	5.6	0.15	96.7	5.4	99.7	35.8	173.2	896.6	96.7	5.4
26	4923	10356	0.7	20.6052	2.5	0.1016	14.7	0.0152	14.4	0.99	97.2	13.9	98.3	13.7	125.2	59.0	97.2	13.9
3	173	4699	1.5	18.9872	28.5	0.1127	30.6	0.0155	11.1	0.36	99.3	10.9	108.4	31.5	314.5	661.0	99.3	10.9
32	103	5397	1.3	14.1329	9.2	0.1516	9.3	0.0155	11.5	0.12	99.4	11.4	143.3	125.8	950.4	290.0	99.4	11.4
82	401	28765	0.9	18.8260	15.8	0.1140	16.4	0.0156	4.6	0.28	99.6	4.6	109.7	17.1	333.8	359.2	99.6	4.6
52	838	27936	0.8	21.0545	8.7	0.1022	9.0	0.0156	1.9	0.22	99.8	1.9	98.8	8.4	74.2	208.1	99.8	1.9
27	316	6692	0.9	22.9623	26.6	0.0938	27.1	0.0156	4.9	0.18	100.0	4.9						

28	332	4102	0.8	21.4277	12.8	0.1435	13.2	0.0223	2.8	0.21	142.1	4.0	136.1	16.8	32.3	308.9	142.1	4.0
29	573	21656	0.7	20.8544	8.3	0.1475	9.9	0.0223	5.3	0.54	142.3	7.5	139.7	12.9	96.9	197.6	142.3	7.5
80	1030	89381	3.0	20.2439	4.1	0.1526	8.3	0.0224	7.2	0.87	142.8	10.2	144.2	11.2	166.7	96.8	142.8	10.2
39	502	19226	0.5	21.5410	9.4	0.1448	10.2	0.0226	4.0	0.39	144.2	5.6	137.3	13.1	19.6	226.4	144.2	5.6
67	509	9715	0.7	20.4459	11.6	0.1538	11.9	0.0228	2.8	0.24	145.3	4.1	145.2	16.1	143.5	272.7	145.3	4.1
9	2311	169432	14.6	19.9853	3.1	0.1575	3.5	0.0228	1.8	0.50	145.6	2.6	148.6	4.9	196.7	70.9	145.6	2.6
14	957	63684	0.4	20.1568	5.1	0.1576	5.4	0.0230	1.7	0.32	146.8	2.5	148.6	7.4	176.8	119.0	146.8	2.5
47	2903	172497	0.6	20.4162	1.2	0.1560	2.1	0.0231	1.8	0.84	147.2	2.6	147.2	2.9	146.9	27.0	147.2	2.6
51	340	42125	0.7	20.3513	11.0	0.1567	11.6	0.0231	3.5	0.30	147.4	5.0	147.8	15.9	154.3	259.0	147.4	5.0
13	293	10973	1.0	26.2360	23.7	0.1223	24.0	0.0233	3.7	0.15	148.3	5.4	117.2	26.6	-477.2	635.2	148.3	5.4
6	413	31971	0.8	20.4482	14.3	0.1572	15.4	0.0233	5.7	0.37	148.5	8.3	148.2	21.3	143.2	337.6	148.5	8.3
15	430	24826	0.6	20.2033	9.8	0.1598	10.1	0.0234	2.7	0.26	149.2	3.9	150.5	14.2	171.4	228.6	149.2	3.9
53	661	36388	0.6	19.3864	6.9	0.1666	7.1	0.0234	1.8	0.25	149.3	2.6	156.5	10.3	267.0	158.2	149.3	2.6
10	454	20562	0.8	21.5022	9.0	0.1503	9.3	0.0234	2.6	0.28	149.4	3.9	142.2	12.4	24.0	215.4	149.4	3.9
57	1041	76312	0.7	20.1619	4.6	0.1607	4.9	0.0235	1.6	0.34	149.7	2.4	151.3	6.8	176.2	106.9	149.7	2.4
58	1162	7156	0.7	19.4303	4.0	0.1667	4.8	0.0235	2.5	0.53	149.7	3.7	156.5	6.9	261.8	93.0	149.7	3.7
48	384	19231	0.5	21.4515	18.5	0.1511	19.0	0.0235	4.5	0.23	149.8	6.6	142.9	25.4	29.7	446.8	149.8	6.6
25	1695	99964	0.4	20.4109	1.7	0.1590	2.2	0.0235	1.5	0.66	150.0	2.2	149.9	3.1	147.5	39.6	150.0	2.2
34	830	32119	3.7	20.4105	4.0	0.1592	4.7	0.0236	2.4	0.52	150.1	3.6	150.0	6.6	147.6	94.6	150.1	3.6
30	483	19574	0.7	21.9442	7.9	0.1481	8.2	0.0236	2.4	0.29	150.2	3.6	140.3	10.8	-25.0	191.2	150.2	3.6
78	271	8435	0.8	23.1108	21.8	0.1410	22.4	0.0236	5.3	0.24	150.5	7.9	133.9	28.2	-152.0	546.6	150.5	7.9
17	471	28016	0.8	20.2655	11.4	0.1609	11.5	0.0236	1.9	0.17	150.7	2.9	151.5	16.2	164.2	266.2	150.7	2.9
54	438	7876	0.9	21.2296	9.9	0.1537	10.4	0.0237	3.2	0.31	150.8	4.7	145.2	14.0	54.5	235.5	150.8	4.7
5	312	23216	0.9	22.3166	9.6	0.1464	10.9	0.0237	5.1	0.47	151.0	7.6	138.7	14.1	-66.0	234.8	151.0	7.6
11	2618	282418	0.6	20.3493	2.3	0.1606	3.5	0.0237	2.7	0.77	151.0	4.0	151.3	5.0	154.6	53.2	151.0	4.0
16	323	27116	1.1	20.6078	11.0	0.1588	12.2	0.0237	5.2	0.43	151.2	7.8	149.7	17.0	124.9	259.6	151.2	7.8
19	532	15149	0.8	21.0621	9.4	0.1555	9.5	0.0238	1.3	0.14	151.4	2.0	146.8	13.0	73.4	225.0	151.4	2.0
70	757	102441	1.0	19.6970	5.7	0.1663	6.5	0.0238	3.0	0.47	151.4	4.5	156.2	9.4	230.3	132.2	151.4	4.5
4	900	129770	1.0	20.1841	4.7	0.1626	5.8	0.0238	3.4	0.59	151.6	5.1	152.9	8.2	173.6	109.3	151.6	5.1
38	994	27944	1.2	20.3438	4.3	0.1614	4.8	0.0238	2.0	0.42	151.7	3.0	152.0	6.7	155.3	101.6	151.7	3.0
63	371	22931	0.7	20.2844	9.4	0.1619	9.9	0.0238	3.2	0.33	151.7	4.9	152.3	14.1	162.1	220.4	151.7	4.9
75	857	13850	0.8	19.7246	7.6	0.1668	19.2	0.0239	17.7	0.92	152.0	26.5	156.6	27.9	227.1	175.6	152.0	26.5
45	1019	51299	0.5	20.3258	5.9	0.1621	6.6	0.0239	3.0	0.45	152.3	4.5	152.6	9.4	157.3	138.3	152.3	4.5
42	370	16915	1.0	21.7661	11.3	0.1517	11.5	0.0239	2.0	0.17	152.6	3.0	143.4	15.3	-5.3	273.2	152.6	3.0
69	823	25093	1.3	19.8743	3.3	0.1663	4.3	0.0240	2.8	0.64	152.7	4.2	156.2	6.2	209.6	77.0	152.7	4.2
71	461	17973	0.7	21.5478	16.1	0.1534	16.8	0.0240	4.6	0.27	152.7	6.9	144.9	22.6	18.9	389.4	152.7	6.9
50	160	10266	1.2	22.2272	22.9	0.1490	23.0	0.0240	2.0	0.09	153.0	3.0	141.0	30.3	-56.2	565.2	153.0	3.0
73	533	23204	0.7	21.0010	12.5	0.1577	12.8	0.0240	2.6	0.20	153.0	3.9	148.7	17.7	80.3	298.1	153.0	3.9
81	315	20847	0.8	19.9265	13.5	0.1667	13.8	0.0241	2.8	0.20	153.5	4.3	156.6	20.1	203.6	315.7	153.5	4.3
31	326	17126	1.2	19.9647	11.2	0.1668	12.0	0.0242	4.2	0.35	153.8	6.3	156.6	17.3	199.1	260.9	153.8	6.3
83	568	2867	0.4	19.2946	14.5	0.1726	15.3	0.0242	4.8	0.31	153.9	7.3	161.7	22.9	277.9	334.2	153.9	7.3
41	191	14690	1.0	19.5798	25.1	0.1704	25.6	0.0242	5.0	0.20	154.1	7.7	159.8	37.8	244.1	585.6	154.1	7.7
35	379	17804	1.0	20.6713	4.3	0.1624	5.9	0.0243	4.0	0.68	155.1	6.1	152.8	8.3	117.7	101.3	155.1	6.1
2	465	24081	1.0	20.3792	9.2	0.1648	9.9	0.0244	3.6	0.37	155.2	5.5	154.9	14.2	151.1	215.7	155.2	5.5
1	546	48162	0.8	19.7313	2.8	0.1704	5.5	0.0244	4.7	0.86	155.3	7.2	159.7	8.1	226.3	65.0	155.3	7.2
86	1435	78326	0.8	20.2349	3.8	0.1668	5.2	0.0245	3.5	0.68	155.9	5.4	156.6	7.6	167.8	89.3	155.9	5.4
88	341	27950	0.8	19.7714	12.1	0.1710	12.7	0.0245	3.9	0.31	156.1	6.0	160.3	18.9	221.6	281.5	156.1	6.0
36	210	12608	0.8	22.1604	16.0	0.1534	17.6	0.0246	7.2	0.41	157.0	11.1	144.9	23.7	-48.9	391.9	157.0	11.1
79	302	3262	1.0	19.4258	15.6	0.1750	16.6	0.0247	5.5	0.33	157.0	8.5	163.8	25.1	262.3	361.2	157.0	8.5
20	392	15405	1.0	22.3874	10.6	0.1521	11.3	0.0247	3.9	0.34	157.3	6.0	143.8	15.1	-73.7	259.4	157.3	6.0
37	908	4392	0.7	19.8816	6.7	0.1727	7.6	0.0249	3.5	0.46	158.5	5.4	161.7	11.3	208.8	156.4	158.5	5.4
33	702	16962	0.9	18.6893	10.5	0.1929	14.1	0.0262	9.4	0.67	166.4	15.5	179.1	23.2	350.4	237.7	166.4	15.5
77	406	70053	11.1	16.7307	2.9	0.3285	7.2	0.0399	6.6	0.92	252.0	16.3	288.4	18.0	595.3	62.2	252.0	16.3
44	454	110990	4.6	16.7159	1.5	0.7785	2.5	0.0944	2.0	0.79	581.4	11.1	584.6	11.2	597.2	33.3	581.4	11.1
65	431	127231	2.1	14.9181	1.9	1.1390	5.0	0.1232	4.6	0.92	749.2	32.6	772.0	27.0	838.8	39.6	749.2	32.6

WW082309-01: Section C (4m), 31°36.885'N 83°33.737'E

12	416	12184	1.2	19.0191	14.3	0.0564	15.0	0.0078	4.4	0.29	50.0	2.2	55.8	8.1	310.7	327.0	50.0	2.2
15	740	23871	1.0	20.0294	6.2	0.1028	6.5	0.0149	2.0	0.31	95.6	1.9	99.4	6.2	191.6	143.8	95.6	1.9
58	447	4880	1.1	19.8988	12.4	0.1050	13.0	0.0152	4.1	0.32	97.0	4.0	101.4	12.6	206.8	287.5	97.0	4.0
26	1276	27687	0.7	20.6886	2.5	0.1031	3.1	0.0155	1.9	0.61	99.0							

53	1085	20244	0.7	20.1564	2.9	0.1558	8.0	0.0228	7.4	0.93	145.1	10.7	147.0	10.9	176.8	66.7	145.1	10.7
65	380	39245	1.5	19.6658	9.1	0.1596	9.5	0.0228	2.5	0.26	145.1	3.6	150.3	13.3	234.0	211.5	145.1	3.6
68	631	16124	0.6	20.0662	5.0	0.1571	5.9	0.0229	3.2	0.54	145.7	4.6	148.2	8.2	187.3	116.0	145.7	4.6
63	1545	109553	3.0	20.3404	1.2	0.1556	5.3	0.0230	5.2	0.98	146.3	7.5	146.8	7.2	155.6	27.5	146.3	7.5
33	401	1537	1.0	19.9967	9.4	0.1590	10.0	0.0231	3.2	0.32	146.9	4.6	149.8	13.9	195.4	219.9	146.9	4.6
39	1716	68731	1.4	20.3582	1.1	0.1568	2.5	0.0232	2.3	0.91	147.6	3.4	147.9	3.5	153.6	24.6	147.6	3.4
22	511	27675	1.0	20.0985	3.9	0.1591	5.0	0.0232	3.2	0.64	147.8	4.6	149.9	7.0	183.5	89.8	147.8	4.6
70	370	39594	0.9	19.8482	7.3	0.1611	7.9	0.0232	3.2	0.40	147.8	4.7	151.7	11.2	212.7	168.4	147.8	4.7
4	537	22562	5.0	20.2977	8.0	0.1578	8.2	0.0232	2.0	0.25	148.0	3.0	148.7	11.4	160.5	186.8	148.0	3.0
64	327	6925	1.1	19.5297	10.7	0.1642	10.9	0.0233	2.1	0.19	148.2	3.1	154.4	15.7	250.0	247.4	148.2	3.1
20	501	22769	0.9	18.7616	8.6	0.1718	10.2	0.0234	5.4	0.53	148.9	7.9	161.0	15.1	341.6	195.7	148.9	7.9
69	502	11999	0.8	20.2698	7.7	0.1592	8.2	0.0234	2.9	0.35	149.2	4.3	150.0	11.4	163.7	179.3	149.2	4.3
86	470	28495	0.7	20.6242	4.3	0.1566	4.6	0.0234	1.5	0.32	149.2	2.2	147.7	6.3	123.1	102.1	149.2	2.2
41	582	4854	1.1	19.4066	4.6	0.1666	5.7	0.0235	3.4	0.59	149.4	5.0	156.5	8.3	264.6	106.3	149.4	5.0
47	645	38894	1.0	19.9746	5.9	0.1619	6.1	0.0235	1.6	0.26	149.5	2.3	152.4	8.6	197.9	136.3	149.5	2.3
5	851	20081	0.9	20.1615	3.5	0.1609	4.8	0.0235	3.2	0.67	149.9	4.8	151.5	6.7	176.2	82.6	149.9	4.8
82	995	65598	0.7	19.9173	2.1	0.1629	3.4	0.0235	2.7	0.79	149.9	4.0	153.2	4.9	204.6	48.4	149.9	4.0
23	285	9738	1.7	19.9368	10.1	0.1628	10.8	0.0235	4.0	0.37	150.0	5.9	153.2	15.4	202.3	234.5	150.0	5.9
35	422	6533	1.6	18.2877	12.6	0.1775	13.2	0.0235	4.0	0.30	150.0	6.0	165.9	20.2	399.2	282.3	150.0	6.0
38	1167	9207	0.6	20.5587	2.6	0.1590	4.0	0.0237	3.0	0.75	151.0	4.4	149.8	5.5	130.6	62.0	151.0	4.4
25	815	7621	0.7	20.1745	3.5	0.1621	4.6	0.0237	3.1	0.67	151.1	4.6	152.5	6.6	174.7	80.5	151.1	4.6
40	341	15245	0.8	20.1063	5.5	0.1627	5.6	0.0237	1.0	0.18	151.2	1.5	153.1	7.9	182.6	127.5	151.2	1.5
32	1140	37688	0.7	19.9930	2.9	0.1637	4.8	0.0237	3.8	0.80	151.3	5.7	154.0	6.8	195.8	67.0	151.3	5.7
34	350	16520	1.5	18.4382	8.0	0.1776	9.1	0.0238	4.1	0.46	151.3	6.2	166.0	13.9	380.8	181.1	151.3	6.2
16	606	37379	1.0	20.8588	3.0	0.1573	5.2	0.0238	4.2	0.81	151.6	6.4	148.3	7.2	96.4	72.0	151.6	6.4
60	237	39273	0.6	20.1743	6.5	0.1627	7.0	0.0238	2.5	0.37	151.7	3.8	153.1	9.9	174.8	151.0	151.7	3.8
11	505	38743	1.2	19.8548	4.1	0.1656	4.7	0.0238	2.2	0.48	151.9	3.4	155.6	6.7	211.9	94.8	151.9	3.4
57	717	71276	1.1	20.4621	2.6	0.1606	3.5	0.0238	2.5	0.69	151.9	3.7	151.3	5.0	141.7	60.0	151.9	3.7
44	280	12474	1.0	20.7457	13.3	0.1587	14.1	0.0239	4.7	0.34	152.2	7.1	149.6	19.6	109.2	314.9	152.2	7.1
48	429	20851	1.4	19.3986	6.7	0.1701	7.0	0.0239	2.1	0.30	152.5	3.2	159.5	10.4	265.5	154.0	152.5	3.2
21	1379	18060	1.1	20.0721	2.2	0.1647	3.1	0.0240	2.1	0.69	152.7	3.2	154.8	4.4	186.6	51.2	152.7	3.2
52	661	22474	0.6	20.2949	5.4	0.1628	6.1	0.0240	2.8	0.46	152.7	4.2	153.2	8.7	160.9	127.5	152.7	4.2
66	276	18390	0.9	19.8681	9.8	0.1665	10.2	0.0240	2.8	0.28	152.9	4.3	156.4	14.8	210.3	227.9	152.9	4.3
71	600	18729	0.9	20.6363	3.1	0.1606	4.3	0.0240	3.0	0.69	153.1	4.5	151.2	6.1	121.7	74.0	153.1	4.5
59	728	23641	1.1	19.5254	5.0	0.1701	5.8	0.0241	2.9	0.50	153.5	4.4	159.5	8.6	250.5	116.2	153.5	4.4
62	588	83445	1.1	19.8074	5.5	0.1684	5.7	0.0242	1.4	0.24	154.1	2.1	158.0	8.3	217.4	127.6	154.1	2.1
81	259	7209	0.9	20.7994	5.1	0.1610	5.5	0.0243	2.0	0.37	154.7	3.1	151.6	7.8	103.1	121.7	154.7	3.1
88	597	63268	1.1	19.9310	3.6	0.1681	4.6	0.0243	2.9	0.63	154.8	4.4	157.8	6.7	203.0	83.1	154.8	4.4
37	485	3730	1.0	19.8869	9.0	0.1687	9.3	0.0243	2.4	0.26	155.0	3.7	158.3	13.7	208.1	209.4	155.0	3.7
9	340	19276	1.4	19.4784	9.5	0.1731	10.5	0.0244	4.6	0.43	155.7	7.0	162.1	15.7	256.0	217.8	155.7	7.0
75	801	8488	0.6	19.2665	6.6	0.1748	8.0	0.0244	4.4	0.56	155.7	6.8	163.6	12.0	278.8	151.8	155.7	6.8
89	977	33563	0.8	20.1950	1.8	0.1677	3.4	0.0246	2.9	0.84	156.4	4.5	157.4	5.0	172.4	42.8	156.4	4.5
61	393	21534	1.1	20.2419	9.7	0.1676	10.0	0.0246	2.3	0.23	156.7	3.5	157.3	14.6	167.0	228.1	156.7	3.5
10	616	167429	1.1	20.3505	5.2	0.1669	6.1	0.0246	3.1	0.52	156.9	4.9	156.8	8.9	154.4	122.5	156.9	4.9
79	1790	113795	1.1	20.0783	1.6	0.1706	2.4	0.0248	1.8	0.75	158.2	2.8	159.9	3.6	185.9	37.2	158.2	2.8
2	315	14096	0.6	20.2816	6.8	0.1697	8.6	0.0250	5.4	0.62	158.9	8.4	159.1	12.7	162.4	158.8	158.9	8.4
29	732	39754	0.8	19.6757	3.5	0.1753	5.4	0.0250	4.1	0.75	159.3	6.4	164.0	8.1	232.8	81.5	159.3	6.4
77	498	8558	0.9	20.4407	6.0	0.1687	6.1	0.0250	1.3	0.21	159.3	2.0	158.3	9.0	144.1	140.5	159.3	2.0
67	385	16492	0.7	20.2019	5.6	0.1714	5.8	0.0251	1.5	0.26	159.9	2.4	160.6	8.7	171.6	131.8	159.9	2.4
28	1117	23105	1.2	20.0656	2.5	0.1729	7.5	0.0252	7.0	0.94	160.2	11.1	161.9	11.2	187.3	58.8	160.2	11.1
56	594	5147	0.9	17.1397	18.3	0.2038	19.0	0.0253	5.1	0.27	161.3	8.1	188.3	32.7	542.7	403.0	161.3	8.1
1	904	36814	5.4	20.2746	4.9	0.1725	5.9	0.0254	3.3	0.56	161.5	5.3	161.6	8.8	163.2	114.7	161.5	5.3
24	1153	6069	1.6	19.6985	4.7	0.1796	7.9	0.0257	6.3	0.81	163.4	10.2	167.8	12.2	230.2	107.7	163.4	10.2
84	1125	32290	0.7	20.3533	3.1	0.1745	3.8	0.0258	2.3	0.61	164.0	3.8	163.4	5.8	154.1	71.5	164.0	3.8
87	619	4732	1.1	19.3883	4.1	0.1833	5.9	0.0258	4.2	0.71	164.1	6.8	170.9	9.3	266.7	94.6	164.1	6.8
49	323	18546	1.3	20.9945	7.8	0.1714	10.0	0.0261	6.2	0.62	166.1	10.2	160.7	14.9	81.0	185.8	166.1	10.2
8	354	63467	1.1	19.9459	9.2	0.1805	10.4	0.0261	4.8	0.46	166.2	7.9	168.5	16.2	201.3	214.8	166.2	7.9
76	920	32683	1.6	20.1159	3.2	0.1816	7.1	0.0265	6.3	0.89	168.5	10.5	169.4	11.0	181.5	75.6	168.5	10.5
7	557	35351	1.1	20.2101	5.9	0.1907	6.3	0.0280	2.3	0.36	177.8	4.0	177.3	10.3	170.6	137.4	177.8	4.0
3	947	27382	1.7	19.8833	2.9	0.2000	9.8	0.0288	9.3	0.96	183.3	16.9	185.1	16.5	208.6	66.5	183.3	16.9
43	696	88991	1.0	19.2574	3.3	0.2093	4.4	0.0292	2.9	0.67	185.7	5.3	192.9	7.7	282.3	74.5	185.7	5.3

BH082509-07: Section N2 (380m), 31°44.264'N 83°35.774'E

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52	447	14232	1.3	20.7539	6.7	0.1538	8.3	0.0232	5.0	0.60	147.6	7.2	145.3	11.3	108.3	157.7	147.6	7.2
19	241	19092	1.8	22.1384	8.8	0.1458	9.9	0.0234	4.5	0.45	149.2	6.6	138.2	12.8	-46.4	214.8	149.2	6.6
43	313	49830	1.9	20.9251	11.6	0.1544	12.3	0.0234	3.9	0.32	149.3	5.7	145.8	16.7	88.9	276.6	149.3	5.7
63	441	28357	1.9	20.2992	11.5	0.1593	11.8	0.0235	2.5	0.22	149.4	3.7	150.1	16.5	160.4	270.1	149.4	3.7
58	387	3546	1.8	17.0797	22.0	0.1899	23.5	0.0235	8.3	0.35	149.9	12.3	176.5	38.1	550.4	485.2	149.9	12.3
59	532	10090	1.3	20.0095	8.3	0.1630	9.7	0.0237	5.0	0.52	150.7	7.5	153.4	13.8	193.9	192.3	150.7	7.5
15	252	12815	1.6	18.6190	5.3	0.1754	11.2	0.0237	9.9	0.88	150.9	14.8	164.1	17.0	358.8	120.2	150.9	14.8
80	649	24136	1.7	19.4236	6.0	0.1682	14.1	0.0237	12.8	0.90	151.0	19.1	157.9	20.6	262.5	138.2	151.0	19.1
61	756	21824	1.0	20.6674	6.5	0.1583	10.4	0.0237	8.1	0.78	151.2	12.1	149.2	14.4	118.1	153.3	151.2	12.1
70	464	33958	1.1	19.7233	7.3	0.1659	8.8	0.0237	4.8	0.55	151.2	7.2	155.9	12.7	227.3	169.8	151.2	7.2
21	680	14437	1.5	19.1651	4.8	0.1710	5.6	0.0238	2.9	0.52	151.4	4.4	160.3	8.3	293.2	109.7	151.4	4.4
27	679	37409	2.7	20.3408	3.5	0.1613	3.8	0.0238	1.4	0.37	151.6	2.1	151.9	5.3	155.6	82.2	151.6	2.1
30	439	16858	1.7	20.0485	7.8	0.1639	8.3	0.0238	3.0	0.36	151.9	4.5	154.2	11.9	189.3	180.9	151.9	4.5
9	309	29773	2.2	19.1611	15.6	0.1717	15.9	0.0239	3.1	0.20	152.0	4.7	160.9	23.7	293.7	358.1	152.0	4.7
18	291	21255	1.6	21.7441	11.9	0.1516	12.3	0.0239	3.3	0.27	152.3	4.9	143.4	16.5	-2.9	287.2	152.3	4.9
88	326	23660	2.1	21.0242	10.1	0.1569	10.5	0.0239	2.8	0.27	152.4	4.2	148.0	14.5	77.6	241.0	152.4	4.2
6	301	2069	1.6	20.0149	10.3	0.1651	11.1	0.0240	4.2	0.38	152.7	6.4	155.1	16.0	193.3	240.3	152.7	6.4
37	328	8230	2.4	21.7904	8.7	0.1516	10.5	0.0240	5.8	0.56	152.7	8.8	143.3	14.0	-8.0	210.7	152.7	8.8
78	242	14042	1.9	20.7445	10.5	0.1593	11.4	0.0240	4.5	0.40	152.7	6.8	150.1	15.9	109.3	247.9	152.7	6.8
40	243	22343	1.6	21.0138	12.1	0.1582	14.9	0.0241	8.7	0.58	153.5	13.1	149.1	20.7	78.8	288.9	153.5	13.1
8	1050	40818	3.9	20.3754	2.9	0.1633	4.0	0.0241	2.7	0.68	153.7	4.1	153.6	5.7	151.6	68.8	153.7	4.1
31	664	33378	2.0	20.2689	4.6	0.1644	5.7	0.0242	3.4	0.60	153.9	5.2	154.6	8.2	163.8	106.4	153.9	5.2
64	210	11540	1.9	17.7486	19.2	0.1878	19.7	0.0242	4.4	0.23	154.0	6.7	174.7	31.6	465.9	428.0	154.0	6.7
79	202	20697	1.8	20.9275	19.5	0.1595	20.3	0.0242	5.5	0.27	154.2	8.4	150.3	28.3	88.6	466.0	154.2	8.4
73	237	12229	1.7	22.8790	14.4	0.1461	15.4	0.0242	5.5	0.36	154.4	8.4	138.4	19.9	-127.1	356.2	154.4	8.4
3	238	11454	2.3	23.0847	14.6	0.1455	15.3	0.0244	4.5	0.29	155.1	6.9	137.9	19.7	-149.2	364.2	155.1	6.9
86	333	22436	1.5	18.8482	6.9	0.1782	10.0	0.0244	7.2	0.72	155.1	11.0	166.5	15.3	331.2	157.5	155.1	11.0
50	176	11497	1.7	21.1712	17.7	0.1591	18.3	0.0244	4.6	0.25	155.6	7.0	149.9	25.5	61.1	424.0	155.6	7.0
33	303	8956	1.7	17.4331	16.8	0.1936	19.4	0.0245	9.7	0.50	155.9	14.9	179.7	32.0	505.5	372.9	155.9	14.9
36	1587	79109	1.4	20.2611	2.9	0.1667	3.4	0.0245	1.8	0.53	156.0	2.8	156.6	5.0	164.7	67.8	156.0	2.8
29	187	9051	2.0	20.2621	16.6	0.1669	17.5	0.0245	5.6	0.32	156.2	8.6	156.8	25.4	164.6	389.9	156.2	8.6
53	206	22530	1.6	18.7455	18.9	0.1806	19.3	0.0246	4.1	0.21	156.4	6.4	168.6	30.0	343.5	430.7	156.4	6.4
89	275	23829	2.1	21.6658	18.4	0.1567	19.0	0.0246	4.4	0.23	156.8	6.8	147.8	26.1	5.7	447.2	156.8	6.8
5	602	58432	2.1	19.9989	7.3	0.1699	7.7	0.0246	2.7	0.34	156.9	4.1	159.3	11.4	195.1	168.8	156.9	4.1
34	676	41914	79.0	20.2331	4.3	0.1679	6.2	0.0246	4.4	0.72	156.9	6.9	157.6	9.0	168.0	100.2	156.9	6.9
66	672	36633	1.9	19.8023	4.2	0.1722	6.8	0.0247	5.4	0.79	157.5	8.3	161.4	10.1	218.1	96.8	157.5	8.3
51	192	27228	1.7	22.8966	25.0	0.1497	25.3	0.0249	4.0	0.16	158.3	6.3	141.6	33.4	-129.0	624.7	158.3	6.3
72	406	39740	1.5	19.0670	9.3	0.1798	9.6	0.0249	2.4	0.26	158.3	3.8	167.9	14.8	304.9	211.7	158.3	3.8
48	501	11490	1.6	19.8456	6.8	0.1738	8.1	0.0250	4.4	0.54	159.3	7.0	162.7	12.2	213.0	158.0	159.3	7.0
24	1207	41631	2.1	20.6677	4.0	0.1670	6.5	0.0250	5.1	0.79	159.4	8.0	156.8	9.4	118.1	94.4	159.4	8.0
22	161	17896	1.4	18.5680	14.2	0.1867	15.7	0.0251	6.6	0.42	160.1	10.4	173.8	25.0	365.0	322.0	160.1	10.4
32	367	17118	1.4	20.7967	12.6	0.1731	13.6	0.0261	5.1	0.38	166.2	8.4	162.1	20.4	103.5	299.6	166.2	8.4
44	420	101192	1.6	17.6247	2.5	0.6642	3.3	0.0849	2.2	0.65	525.3	10.9	517.2	13.4	481.4	55.3	525.3	10.9
11	335	110406	2.7	17.2964	2.2	0.6996	5.2	0.0878	4.8	0.91	542.3	24.8	538.6	21.9	522.8	47.9	542.3	24.8
41	962	192498	1.2	17.0892	1.0	0.7323	3.2	0.0908	3.0	0.95	560.0	16.3	557.9	13.7	549.2	21.5	560.0	16.3
28	670	216145	15.1	16.8725	0.9	0.7736	3.4	0.0947	3.3	0.96	583.1	18.2	581.8	15.0	577.0	19.4	583.1	18.2
65	209	57901	0.8	16.6748	3.4	0.8217	3.9	0.0994	2.0	0.51	610.7	11.5	609.0	17.8	602.5	72.6	610.7	11.5
13	1382	288850	12.5	16.4527	0.8	0.8336	2.0	0.0995	1.8	0.90	611.3	10.4	615.6	9.1	631.5	18.3	611.3	10.4
25	569	141911	19.1	14.9970	2.7	1.1521	5.2	0.1253	4.5	0.86	761.0	32.0	778.2	28.2	827.8	55.5	761.0	32.0
39	1345	894189	11.1	13.4190	2.9	1.6028	7.3	0.1560	6.7	0.92	934.5	58.2	971.3	45.5	1055.6	57.7	1055.6	57.7
49	969	376242	12.9	13.2434	0.6	1.7976	1.9	0.1727	1.8	0.94	1026.8	17.0	1044.6	12.4	1082.1	12.8	1082.1	12.8
74	507	140868	3.0	13.2021	1.0	1.8181	2.1	0.1741	1.9	0.89	1034.6	18.0	1052.0	13.9	1088.3	19.1	1088.3	19.1
74	39579	1.6	12.9956	4.8	1.9745	6.7	0.1861	4.7	0.70	1100.2	47.7	1106.9	45.4	1119.9	95.9	1119.9	95.9	
68	103	78298	2.9	12.8064	3.2	2.1578	4.1	0.2004	2.5	0.60	1177.6	26.5	1167.6	28.3	1149.1	64.4	1149.1	64.4
90	195	134252	1.0	12.7473	1.9	2.1236	5.8	0.1963	5.4	0.94	1155.6	57.5	1156.5	39.7	1158.2	37.3	1158.2	37.3
54	173	159535	3.1	12.6454	1.1	2.2701	2.2	0.2082	1.9	0.86	1219.2	20.8	1203.1	15.3	1174.2	21.7	1174.2	21.7
23	422	185470	3.9	12.6045	0.8	2.1891	2.9	0.2001	2.8	0.96	1176.0	29.9	1177.6	20.2	1180.6	15.5	1180.6	15.5
83	40	19109	1.9	12.5343	6.9	2.0345	7.4	0.1850	2.5	0.35	1094.0	25.7	1127.1	50.1	1191.6	136.3	1191.6	136.3
38	323	113168	175	12.4840	1.3	2.1897	2.0	0.1983	1.6	0.78	1166.0	17.1	1177.8	14.3	1199.5	25.2	1199.5	25.2
35	208	64146	2.6	12.4223	1.7	2.2630	3.7	0.2039	3.3	0.89	1196.1	36.2	1200.8	26.1	1209.3	32.5	1209.3	32.5
2	108	90413	0.8	12.3227	3.3	2.3079	4.2	0.2063	2.7	0.63	1208.9	29.2	1214.7	30.0	1			

44	246	15794	1.1	21.1008	15.1	0.1522	16.2	0.0233	5.9	0.36	148.5	8.6	143.9	21.7	69.0	359.8	148.5	8.6
94	264	18063	1.3	18.7032	8.8	0.1718	9.0	0.0233	1.9	0.21	148.5	2.8	160.9	13.4	348.7	199.7	148.5	2.8
83	252	21184	1.1	20.8196	14.4	0.1557	15.2	0.0235	4.8	0.32	149.8	7.1	146.9	20.8	100.8	343.0	149.8	7.1
2	222	24265	1.1	21.3965	12.7	0.1518	13.7	0.0236	4.9	0.36	150.1	7.3	143.5	18.3	35.8	306.0	150.1	7.3
86	196	12025	1.3	20.6338	17.6	0.1575	17.8	0.0236	2.7	0.15	150.2	4.0	148.5	24.6	122.0	417.6	150.2	4.0
96	344	16304	1.0	20.3467	6.6	0.1600	7.2	0.0236	2.7	0.37	150.4	4.0	150.7	10.0	154.9	155.7	150.4	4.0
65	485	112152	1.3	20.5409	6.7	0.1586	9.0	0.0236	6.0	0.67	150.6	8.9	149.5	12.5	132.6	158.0	150.6	8.9
88	198	16036	1.3	25.6502	19.3	0.1270	19.7	0.0236	4.1	0.21	150.6	6.1	121.4	22.6	-417.7	508.8	150.6	6.1
79	241	15251	1.3	21.9325	17.5	0.1489	17.8	0.0237	3.0	0.17	150.9	4.5	141.0	23.4	-23.8	427.6	150.9	4.5
81	339	13799	1.4	20.4966	6.6	0.1593	7.5	0.0237	3.4	0.46	150.9	5.1	150.1	10.4	137.7	156.2	150.9	5.1
73	297	31061	0.9	20.7238	19.0	0.1577	19.0	0.0237	1.9	0.10	151.0	2.9	148.7	26.3	111.7	450.8	151.0	2.9
75	305	13979	1.0	23.8995	21.0	0.1367	21.2	0.0237	2.4	0.12	151.0	3.6	130.1	25.9	-236.0	536.0	151.0	3.6
62	218	17937	1.2	23.5758	25.9	0.1390	26.4	0.0238	4.7	0.18	151.4	7.1	132.1	32.7	-201.7	659.7	151.4	7.1
15	230	9458	1.3	20.8396	15.2	0.1574	15.7	0.0238	4.1	0.26	151.6	6.1	148.5	21.7	98.6	361.7	151.6	6.1
70	289	11967	1.4	21.5773	10.3	0.1520	10.5	0.0238	1.8	0.18	151.6	2.8	143.7	14.0	15.6	248.1	151.6	2.8
92	311	30158	1.1	18.4541	9.1	0.1782	9.8	0.0238	3.8	0.38	151.9	5.6	166.5	15.1	378.9	204.6	151.9	5.6
12	349	15621	0.8	19.9168	7.6	0.1654	9.2	0.0239	5.2	0.56	152.2	7.8	155.4	13.3	204.7	176.9	152.2	7.8
85	188	7782	1.1	22.5038	17.7	0.1464	18.0	0.0239	3.4	0.19	152.2	5.1	138.7	23.3	-86.4	435.5	152.2	5.1
66	304	47892	1.3	20.9915	5.9	0.1571	7.8	0.0239	5.1	0.66	152.4	7.7	148.2	10.8	81.3	140.2	152.4	7.7
9	772	29864	1.1	19.9914	7.4	0.1652	7.6	0.0239	1.9	0.24	152.5	2.8	155.2	11.0	196.0	172.2	152.5	2.8
76	197	8718	1.2	20.2808	20.2	0.1627	20.6	0.0239	3.7	0.18	152.5	5.6	153.1	29.2	162.5	477.4	152.5	5.6
93	345	23993	1.3	20.1536	4.5	0.1640	5.7	0.0240	3.5	0.62	152.7	5.3	154.2	8.2	177.2	104.7	152.7	5.3
72	199	9993	1.1	24.1259	16.1	0.1371	17.1	0.0240	5.7	0.33	152.8	8.6	130.4	20.9	-259.9	411.0	152.8	8.6
34	225	9816	1.3	19.8288	21.6	0.1669	21.9	0.0240	3.9	0.18	152.9	5.9	156.7	31.8	215.0	504.7	152.9	5.9
1	319	13084	0.8	21.0091	10.2	0.1578	10.4	0.0240	1.9	0.19	153.1	2.9	148.7	14.4	79.3	243.1	153.1	2.9
67	213	11256	1.4	19.4773	16.7	0.1703	17.0	0.0241	3.3	0.20	153.3	5.0	159.7	25.2	256.2	386.6	153.3	5.0
59	670	22855	1.4	18.6768	10.7	0.1777	11.8	0.0241	4.9	0.42	153.4	7.5	166.1	18.1	351.9	242.5	153.4	7.5
74	151	11627	1.1	22.9734	26.0	0.1446	26.3	0.0241	3.9	0.15	153.4	5.9	137.1	33.8	-137.3	653.3	153.4	5.9
80	239	6892	1.0	22.5377	14.8	0.1475	14.9	0.0241	2.2	0.15	153.5	3.4	139.7	19.5	-90.1	363.4	153.5	3.4
3	187	16782	1.3	21.3517	20.6	0.1560	20.9	0.0242	3.9	0.19	153.8	6.0	147.2	28.7	40.8	496.5	153.8	6.0
4	266	14737	1.2	21.7160	10.4	0.1533	11.7	0.0241	5.5	0.46	153.8	8.3	144.8	15.9	0.2	251.4	153.8	8.3
38	208	19640	1.3	18.8802	17.2	0.1766	17.5	0.0242	3.3	0.19	154.0	5.0	165.1	26.7	327.3	393.7	154.0	5.0
55	496	36904	0.9	19.6631	8.0	0.1699	8.7	0.0242	3.4	0.40	154.3	5.2	159.3	12.8	234.4	184.2	154.3	5.2
50	310	22518	1.2	20.6592	14.5	0.1618	14.7	0.0242	2.6	0.18	154.4	4.0	152.3	20.9	119.1	343.4	154.4	4.0
47	191	12477	1.0	20.9898	14.9	0.1596	15.0	0.0243	2.3	0.15	154.7	3.5	150.3	21.0	81.5	354.7	154.7	3.5
69	408	38079	1.2	21.3185	8.7	0.1571	9.1	0.0243	2.5	0.28	154.8	3.9	148.2	12.5	44.5	208.1	154.8	3.9
21	373	24100	1.3	21.7969	7.9	0.1539	8.2	0.0243	2.1	0.26	154.9	3.2	145.3	11.1	-8.8	191.9	154.9	3.2
63	265	11658	1.2	18.5259	7.0	0.1813	7.6	0.0244	2.9	0.38	155.2	4.4	169.2	11.9	370.1	158.6	155.2	4.4
37	172	14435	1.2	27.3251	36.6	0.1322	36.9	0.0244	4.9	0.13	155.5	7.5	117.9	41.1	-586.2	1019.5	155.5	7.5
51	184	21014	1.1	21.6086	16.6	0.1560	18.4	0.0244	8.0	0.43	155.7	12.3	147.2	25.2	12.1	401.2	155.7	12.3
89	207	13898	1.3	21.5689	24.8	0.1565	25.6	0.0245	6.3	0.25	155.9	9.8	147.6	35.1	16.5	603.1	155.9	9.8
6	223	13139	1.2	23.8793	21.9	0.1415	22.3	0.0245	4.1	0.18	156.0	6.3	134.4	28.1	-233.9	558.9	156.0	6.3
29	272	16130	1.2	21.4504	13.0	0.1576	13.2	0.0245	2.4	0.18	156.2	3.8	148.6	18.2	29.8	311.9	156.2	3.8
30	150	7819	1.1	25.1160	25.9	0.1346	26.5	0.0245	5.7	0.22	156.2	8.8	128.2	31.9	-362.9	679.0	156.2	8.8
27	216	8779	1.2	19.4863	16.4	0.1740	16.9	0.0246	4.0	0.24	156.6	6.2	162.9	25.4	255.1	378.9	156.6	6.2
68	233	14574	1.0	20.4975	20.9	0.1656	21.1	0.0246	3.1	0.15	156.8	4.8	155.6	30.4	137.6	494.5	156.8	4.8
7	450	40989	1.1	21.2830	5.8	0.1597	6.3	0.0246	2.4	0.38	157.0	3.7	150.4	8.8	48.5	138.1	157.0	3.7
41	180	6959	1.2	19.3455	9.2	0.1761	9.5	0.0247	2.5	0.26	157.4	3.9	164.7	14.5	271.8	211.2	157.4	3.9
20	222	25579	1.4	21.0767	18.5	0.1619	19.1	0.0247	4.9	0.25	157.6	7.6	152.4	27.0	71.7	442.1	157.6	7.6
61	194	19522	1.4	20.2559	22.3	0.1685	22.5	0.0247	3.1	0.14	157.6	4.9	158.1	32.9	165.3	525.7	157.6	4.9
13	705	124544	0.9	19.5208	7.6	0.1750	10.3	0.0248	6.9	0.67	157.8	10.8	163.8	15.6	251.1	175.4	157.8	10.8
26	245	9916	1.2	21.3474	30.0	0.1602	30.3	0.0248	4.1	0.13	158.0	6.4	150.9	42.5	41.3	732.0	158.0	6.4
45	252	23553	1.2	19.2226	14.8	0.1780	15.6	0.0248	5.0	0.32	158.1	7.8	166.4	24.0	286.4	340.0	158.1	7.8
22	300	10885	0.8	21.6706	9.3	0.1581	10.4	0.0248	4.7	0.45	158.2	7.3	149.0	14.5	5.2	225.4	158.2	7.3
32	264	13622	1.3	21.7457	17.9	0.1575	18.2	0.0248	3.1	0.17	158.2	4.8	148.5	25.1	-3.1	435.2	158.2	4.8
60	257	21024	1.4	19.7037	10.5	0.1738	11.7	0.0248	5.1	0.43	158.2	7.9	162.7	17.6	229.6	244.0	158.2	7.9
52	146	5365	1.2	18.9094	26.8	0.1818	27.0	0.0249	3.8	0.14	158.7	6.0	169.6	42.3	323.8	617.9	158.7	6.0
39	248	20874	0.9	23.3955	17.4	0.1469	18.0	0.0249	4.7	0.26	158.8	7.3	139.2	23.4	-182.5	436.5	158.8	7.3
31	2886	207300	1.3	20.1160	1.1	0.1711	2.9	0.0250	2.6	0.92	158.9	4.1	160.3	4.2	181.5	25.4	158.9	4.1
18	354	41056	1.2	20.8545	11.4	0.1653	11.8	0.0250	2.9	0.25	159.2	4.6	155.4	17.0	96.9	271.4	159.2	4.6
36	185	13151	0.8	22.1511	17.1	0.1557	17.6	0.0250	4.2	0.24	159.2	6.6	146.9	24.1	-47.8	418.3	159.2	6.6
49	262	1821																

Table DR5. Apatite (U-Th)/He results for granitic clasts from boulder conglomerates

Sample	Section	Level (m)	Age (Ma)	\pm (Ma)	U (ppm)	Th (ppm)	Sm (ppm)	Th/U	He (nmol/g)	mass (μg)	Ft
BH082509-09: Range-front section N2, 31°44.432'N 83°35.651'E											
BH082509-09-1	N2	555	7.5	0.4	20.1	62.0	64.9	3.1	0.97	2.8	0.68
BH082509-09-2	N2	555	13.4	0.8	21.1	80.1	74.8	3.8	1.92	4.3	0.65
BH082509-09-3	N2	555	7.3	0.4	22.3	69.9	67.5	3.1	0.98	3.8	0.63
BH082809-01: Range-front section N1, 31°42.935'N 83°35.428'E											
BH082809-01-1	N1	230	16.4	1.0	10.9	46.0	92.4	4.2	1.31	4.6	0.66
BH082809-01-2	N1	230	25.9	1.6	17.9	47.0	75.8	2.6	2.60	3.4	0.63
BH082809-01-3	N1	230	40.0	2.4	19.2	47.8	86.5	2.5	4.58	5.5	0.68
BH082809-05: Range-front section N1, 31°43.453'N 83°34.961'E											
BH082809-05-1	N1	650	13.2	0.8	10.5	10.1	30.2	1.0	0.66	3.2	0.71
BH082809-05-2	N1	650	9.3	0.6	22.8	24.6	42.3	1.1	0.91	3.0	0.63
BH082809-05-3	N1	650	8.7	0.5	22.6	68.3	66.1	3.0	1.16	3.8	0.63
WW082309-02: Range-front section C, 31°36.842'N 83°33.681'E											
WW082309-02-1	C	25	7.1	0.4	50.6	54.4	71.9	1.1	1.90	8.6	0.78
WW082309-02-2	C	25	4.3	0.3	111.2	125.0	92.5	1.1	2.40	10.1	0.74
WW082309-02-3	C	25	3.1	0.2	107.4	85.7	63.9	0.8	1.54	9.3	0.73
WW082309-06: Range-front section C, 31°36.768'N 83°33.448'E											
WW082309-06-1*	C	250	25.9	0.17	52.9	67.9	41.8	1.28	6.9	8.58	0.71
WW082309-06-2	C	250	8.6	0.06	60.1	65.1	43.4	1.08	2.3	4.83	0.67
WW082609-02: Range-front section C, 31°36.763'N 83°33.219'E											
WW082609-02-1*	C	425	29.3	0.19	51.5	138.3	52.2	2.68	8.6	4.16	0.64
WW082609-02-2	C	425	2.8	0.02	55.9	94.4	59.5	1.69	0.8	3.70	0.70
WW082609-06: Range-front section C, 31°36.727'N 83°32.864'E											
WW082609-06-1	C	647	2.9	0.2	72.2	111.2	13.3	1.5	1.15	6.0	0.75
WW082609-06-2	C	647	2.1	0.1	76.4	105.0	12.9	1.4	0.76	5.7	0.68
WW082609-06-3	C	647	2.5	0.1	73.5	93.5	14.5	1.3	0.88	5.5	0.69

Notes: Sample locations for sections C, N1, N2 (see Figures 2 and 4)

*omitted outlier (possible inclusion)

**lost grain

Table DR6. Zircon (U-Th)/He results for sandstones and granitic clasts (section C)

Sample	Level (m)	Sample Type	Age (Ma)	\pm (Ma)	U (ppm)	Th (ppm)	Sm (ppm)	Th/U	He (nmol/g)	mass (ug)	Ft
zWW082309-01-1	4	sandstone	9.6	0.8	330.0	225.8	0.6	0.68	16.6	21.47	0.83
zWW082309-01-2	4	sandstone	7.8	0.6	699.2	207.3	0.3	0.30	25.8	11.77	0.82
zWW082309-01-3	4	sandstone	9.8	0.8	655.4	253.7	0.5	0.39	29.5	6.46	0.78
zWW082309-01-4*	4	sandstone	46.5	3.7	127.7	64.8	0.1	0.51	27.7	6.51	0.77
zWW082309-01-5	4	sandstone	8.9	0.7	557.8	174.6	0.2	0.31	23.4	11.16	0.81
zWW082309-01-6	4	sandstone	8.5	0.7	179.0	138.6	0.5	0.77	7.6	7.28	0.78
zWW082309-02-1	25	clast	11.2	0.9	723.2	210.0	0.2	0.29	37.9	10.35	0.81
zWW082309-02-2**	25	clast	-4.2	-0.3	0.4	0.4	0.0	1.05	0.0	6.16	0.77
zWW082309-02-3	25	clast	8.5	0.7	867.1	208.3	0.3	0.24	33.3	7.33	0.79
zWW082309-02-4	25	clast	8.7	0.5	966.2	368.3	0.5	0.38	39.2	8.23	0.80
zWW082309-06-1	250	clast	9.7	0.8	1321.2	830.7	0.8	0.63	62.8	7.92	0.79
zWW082309-06-2**	250	clast	-0.4	0.0	0.2	0.4	0.0	1.87	0.0	11.75	0.81
zWW082309-06-3	250	clast	8.1	0.6	1054.3	419.6	0.6	0.40	39.7	7.59	0.79
zWW082309-06-4	250	clast	9.4	0.6	536.6	250.7	0.4	0.47	24.9	12.34	0.82
zWW082309-07-1	273	sandstone	7.5	0.6	694.6	247.4	0.9	0.36	24.6	9.87	0.81
zWW082309-07-2	273	sandstone	8.2	0.7	497.9	218.2	1.2	0.44	19.0	7.66	0.79
zWW082309-07-3	273	sandstone	9.4	0.8	235.9	157.8	0.5	0.67	10.9	7.90	0.79
zWW082309-07-4	273	sandstone	8.2	0.7	1367.2	361.9	0.4	0.26	50.1	6.11	0.78
zWW082309-07-5	273	sandstone	8.5	0.7	345.1	105.0	0.2	0.30	13.6	8.62	0.80
zWW082309-07-6	273	sandstone	8.9	0.7	251.9	171.7	0.6	0.68	10.7	5.43	0.76
zWW082609-01-1	424	sandstone	7.8	0.6	265.0	168.5	0.9	0.64	10.1	9.41	0.79
zWW082609-01-2	424	sandstone	7.8	0.6	316.2	118.2	0.2	0.37	11.5	7.71	0.79
zWW082609-01-3	424	sandstone	9.5	0.6	577.6	382.3	0.8	0.66	28.2	13.52	0.82
zWW082609-01-4	424	sandstone	7.6	0.5	383.9	158.1	0.5	0.41	13.9	12.06	0.81
zWW082609-01-5	424	sandstone	8.1	0.5	882.0	317.0	0.6	0.36	33.0	8.37	0.79
zWW082609-01-6	424	sandstone	7.8	0.5	283.6	185.5	0.5	0.65	11.2	11.90	0.81
zWW082609-02-1	425	clast	7.7	0.6	505.2	173.3	0.3	0.34	19.0	16.37	0.84
zWW082609-02-2	425	clast	7.5	0.6	780.2	281.2	0.5	0.36	27.2	9.10	0.79
zWW082609-02-3	425	clast	8.2	0.7	747.6	226.8	0.4	0.30	28.2	9.33	0.80
zWW082609-05-1	635	sandstone	7.2	0.4	424.8	193.2	0.3	0.45	14.0	5.52	0.77
zWW082609-05-2	635	sandstone	7.9	0.5	459.2	261.1	1.0	0.57	17.0	6.11	0.77
zWW082609-05-3	635	sandstone	7.2	0.4	1169.8	262.1	0.5	0.22	35.8	4.26	0.75
zWW082609-05-4	635	sandstone	8.8	0.5	1000.9	403.4	0.4	0.40	42.7	13.38	0.82
zWW082609-05-5	635	sandstone	6.8	0.4	849.7	143.5	0.3	0.17	25.4	6.14	0.79
zWW082609-05-6	635	sandstone	7.2	0.4	291.2	135.3	0.3	0.46	9.3	3.82	0.74
zWW082609-06-1	647	clast	7.5	0.6	227.6	119.4	0.2	0.52	8.2	8.93	0.79
zWW082609-06-2	647	clast	9.1	0.7	122.0	79.3	0.3	0.65	5.3	5.84	0.77
zWW082609-06-3	647	clast	7.8	0.6	113.9	81.1	0.4	0.71	4.4	8.04	0.79

Notes: Sample locations for section C (see Figures 2 and 4): 31°36.885'N 83°33.737'E (base), 31°36.727'N 83°32.864'E (top)

*omitted outlier (possible inclusion)

**lost grain