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Jones et al., 2019, Sea level, carbonate mineralogy, and early diagenesis controlled δ13C records in Upper Ordovician carbonates.

Geologic Setting

Anticosti Island

The Vaureal and Ellis Bay formations of Anticosti Island were deposited on a storm-dominated tropical carbonate ramp in the Late Ordovician (e.g., Sami and Desrochers, 1992; Long, 2007; Desrochers et al., 2010). The Vaureal is Katian in age, whereas the Ellis Bay is Hirnantian. Carbonate facies in the west of the island represent deep ramp settings, whereas mixed siliciclastic-carbonate facies on the east represent proximal sandy shore environments (Desrochers et al., 2010). The Ellis Bay Formation is completely exposed on the tidal benches on the west end of the island (Desrochers et al., 2010; Mauviel and Desrochers, 2016); the New Associated Consolidated Paper (NACP) drill core (Desrochers et al., 2010; McLaughlin et al., 2016) goes through the entire Ellis Bay and much of the Vaureal, the latter of which is only partially exposed in outcrop. Anticosti was located in the warm tropics of the Southern Hemisphere during the Hirnantian (Jin et al., 2013).

The Laframboise Member of the Ellis Bay Formation was deposited in association with the greatest extent of Hirnantian glaciation; it either represents a brief interglacial (e.g., Ghienne et al., 2014) or the sea level-low (e.g., Finnegan et al., 2011). The Laframboise contains strata with the most elevated carbon isotope values (Long, 1993; Brenchley et al., 1994; Underwood et al., 1997; Desrochers et al., 2010; Young et al., 2010; Jones et al., 2011; Mauviel and Desrochers, 2016). A smaller carbon isotope excursion has been identified in the lower Ellis Bay Formation, near the Katian-Hirnantian boundary (e.g., Desrochers et al., 2010; Mauviel and

Desrochers, 2016). A shallowing event occurs near this level (Copper et al., 2013), but detailed integrated outcrop sedimentology and geochemistry have not yet been carried out.

Great Basin

The Upper Ordovician Ely Springs Dolostone and the Lower Silurian Laketown Dolostone were deposited on a west-dipping (present coordinates) carbonate ramp now exposed in eastern Nevada and western Utah in the Great Basin (Carpenter et al., 1986). These strata represent shallow- to mid-ramp settings and consist predominantly of tidal flat, high-energy shoal, and subtidal bioturbated facies (Harris and Sheehan, 1996, 1997). Correlative limestones of the Hanson Creek Formation crop out in central Nevada and represent the deep-ramp environments (Carpenter et al., 1986); the Hanson Creek at Monitor Range has also been interpreted as a local basin within the outer shelf (Dunham, 1977; Finney et al., 1997). The Great Basin occupied an equatorial position during the Hirnantian (Jin et al., 2013).

The Hirnantian carbon isotope excursion has been documented in the Ely Springs (Jones et al., 2015, 2016) and the Hanson Creek (e.g., Finney et al., 1999; Kump et al., 1999; Holmden et al., 2012) formations, associated with facies evidence for relative sea level fall.

Ordovician and Neogene Isotope δ^{44}Ca Records Compared

The range and magnitude of Ordovician δ^{44}Ca reported here are very similar to the range and magnitude of δ^{44}Ca observed in Neogene carbonate sediments (Higgins et al., 2018) (Fig. DR2), suggesting fundamental similarities in the Neogene and Ordovician calcium cycles. Because the isotopic fractionations during precipitation of new aragonite and calcite are

thermodynamic properties , we infer that $\delta^{44}Ca$ of Ordovician seawater was close to that of the Neogene ocean, 0‰.

Cross-platform $\delta^{44}Ca$ Gradients: Possible Effects of Submarine Groundwater Discharge and Carbonate Saturation

Our study strongly suggests carbonate mineralogy and early marine diagenesis were the dominant factors controlling the carbon and calcium isotope records in the Great Basin and Anticosti. In particular, we interpret the cross-platform calcium isotope gradient observed in the heavily altered Great Basin sections as the product of variable degrees of seawater-buffered early diagenesis. Nevertheless, other processes are known to affect calcium isotope records in ways that can be variable across carbonate platforms, and we briefly consider them here.

Submarine groundwater discharge (SGD) is a potential source of calcium with low $\delta^{44}Ca$ (Holmden et al., 2012). Diagenetic stabilization of platform carbonates under high SGD fluxes could result in a cross-platform $\delta^{44}Ca$ gradient. However, this scenario would predict that lighter $\delta^{44}Ca$ values would be encountered closer to the source of the isotopically light Ca, i.e. closer to the continent. The resulting cross-platform gradient would have low $\delta^{44}Ca$ in onshore settings and higher $\delta^{44}Ca$ offshore. This prediction is opposite to the observed gradient, and we conclude that either SGD did not contribute to the Great Basin system, or the effects of seawater buffering were so large as to overwhelm any SGD signal.

Shao and colleagues (2018) observed a dependence of carbonate $\delta^{44}Ca$ on carbonate saturation state and salinity in a modern hypersaline lagoonal-estuarine system in South Australia. In this system, $\delta^{44}Ca$ increases with increased salinity and carbonate and evaporite

mineral saturation. The South Lagoon is hydrologically restricted and is characterized by elevated $\delta^{44}Ca$, salinity, and carbonate mineral saturation state.

If carbonate oversaturation were responsible for high $\delta^{44}Ca$ in the Great Basin carbonates, a prediction would be that hydrologically restricted tidal flat facies would have elevated $\delta^{44}Ca$ relative to subtidal facies with better hydrological connection. In general, what we observe in the Great Basin, however, is $\delta^{44}Ca$ variability between stratigraphic sections (Fig. 2), with little systematic variability within sections that might be associated with facies. In order to test a possible association between facies and $\delta^{44}Ca$, we coded samples from the Barn Hills section according to their facies. The bioturbated facies (BF) represents a shallow subtidal environment with greater marine connectivity than the cyclic laminate facies (CLF), which represents intratidal to supratidal environments. Of the 60 samples from Barn Hills, 30 are BF and 30 are CLF. The mean $\delta^{44}Ca$ value for the BF is -0.98‰ (SD = 0.15‰), and the mean value for the CLF is -0.91‰ (SD = 0.17‰). A two-tailed t-test of these populations yields a *p*-value of 0.08, indicating that we cannot reject the null hypothesis that the BF and CLF data sets of $\delta^{44}Ca$ come from the same overall distribution of $\delta^{44}Ca$ values. Therefore, we cannot ascribe a significant role to increased carbonate saturation in hydrologically restricted environments to the $\delta^{44}Ca$ record from the Great Basin.

Aragonite Precipitation in Ordovician "Calcite Sea"

We propose that the Hirnantian isotopic carbon excursion (HICE) is largely a record of the geochemistry of shallow water aragonite production during a glacioeustatic sea level nadir. Kimmig and Holmden (2017) also suggested shallow water aragonite production at this time. However, the global ocean has been interpreted as a "calcite sea" for much of the Early

Paleozoic (including the Ordovician), with marine Mg/Ca favoring abiotic precipitation of low-magnesian calcite over aragonite (Sandberg, 1983; Hardie, 1996). While this observation may *prima facie* seem at odds with our inference of aragonite during the Hirnantian, a "calcite sea" state does not preclude the local or regional precipitation of aragonite, or short term variations in dominant carbonate mineralogy (Sandberg, 1983). Furthermore, laboratory experiments have demonstrated that aragonite can precipitate along with calcite in warm (>20°C) waters (Balthasar and Cusack, 2015); clumped isotope paleothermometry shows that such warm temperatures persisted in the tropics throughout the Hirnantian glacial maximum (Finnegan et al., 2011).

Isotope mass balance considerations show that our calcium isotope data are consistent with aragonite precipitation in a calcite sea. The global flux of calcium into the ocean has a mean value of -1.1‰ (Fantle and Tipper, 2014) relative to the seawater value of 0‰. The output fluxes of a steady-state calcium cycle will therefore also carry an integrated mean value of -1.1‰. If calcite were the only output, calcite would have a value of -1.1‰; if aragonite were the only output, aragonite would have a value of -1.1‰. The distribution of our $\delta^{44}Ca$ data (Fig. DR2) therefore suggest that both primary calcite and aragonite were precipitated in the basins we studied.

Locations of Stratigraphic Section Bases and Drill Hole

SECTION	LATITUDE (°N)	LONGITUDE (°W)
Laframboise Point	49°48.350′	64°25.259′
English Head	49°54.072′	64°29.458′
Lousy Cove	49°19.198′	61°51.399′
NACP Drill Hole	49° 37.337'	63° 26.292'

Monitor Range	39° 12.660'	116° 24.257'
Pancake Range	38.61948°	115.85118°
Silver Island Range	40° 58.629'	113° 50.654'
South Egan Range	38.47033°	114.97173°
Barn Hills	38° 58.099'	113° 23.329'

FIGURE AND TABLE CAPTIONS

Fig. DR1. Additional stratigraphic plot of $\delta^{44}Ca$, $\delta^{13}C$, and Sr/Ca vs. lithostratigraphy from Anticosti Island. A) Outcrop data from Lousy Cove. B) Outcrop data from English Head. See main text Figure 1 for locations. Outcrop carbon isotope data from Jones et al. (2011). This NACP well carbon isotope data set is previously unpublished but reproduce comparable published data sets (e.g., Desrochers et al., 2010; McLaughlin et al., 2016).

Fig DR2. Histograms and density plots of $\delta^{44}Ca$ for Neogene and Ordovician carbonates. Neogene data from Higgins et al. (2018); Ordovician data from this work and Holmden et al. (2012).

Table DR1. Geochemical data from Anticosti Island, the Great Basin, and the Bahamas. Bahamas data from Higgins et al. (2018) and Ahm et al. (2018). Monitor Range calcium isotope data from Holmden et al. (2012). Great Basin carbon isotope data from Jones et al. (2015, 2016). Anticosti outcrop data from Jones et al. (2011).

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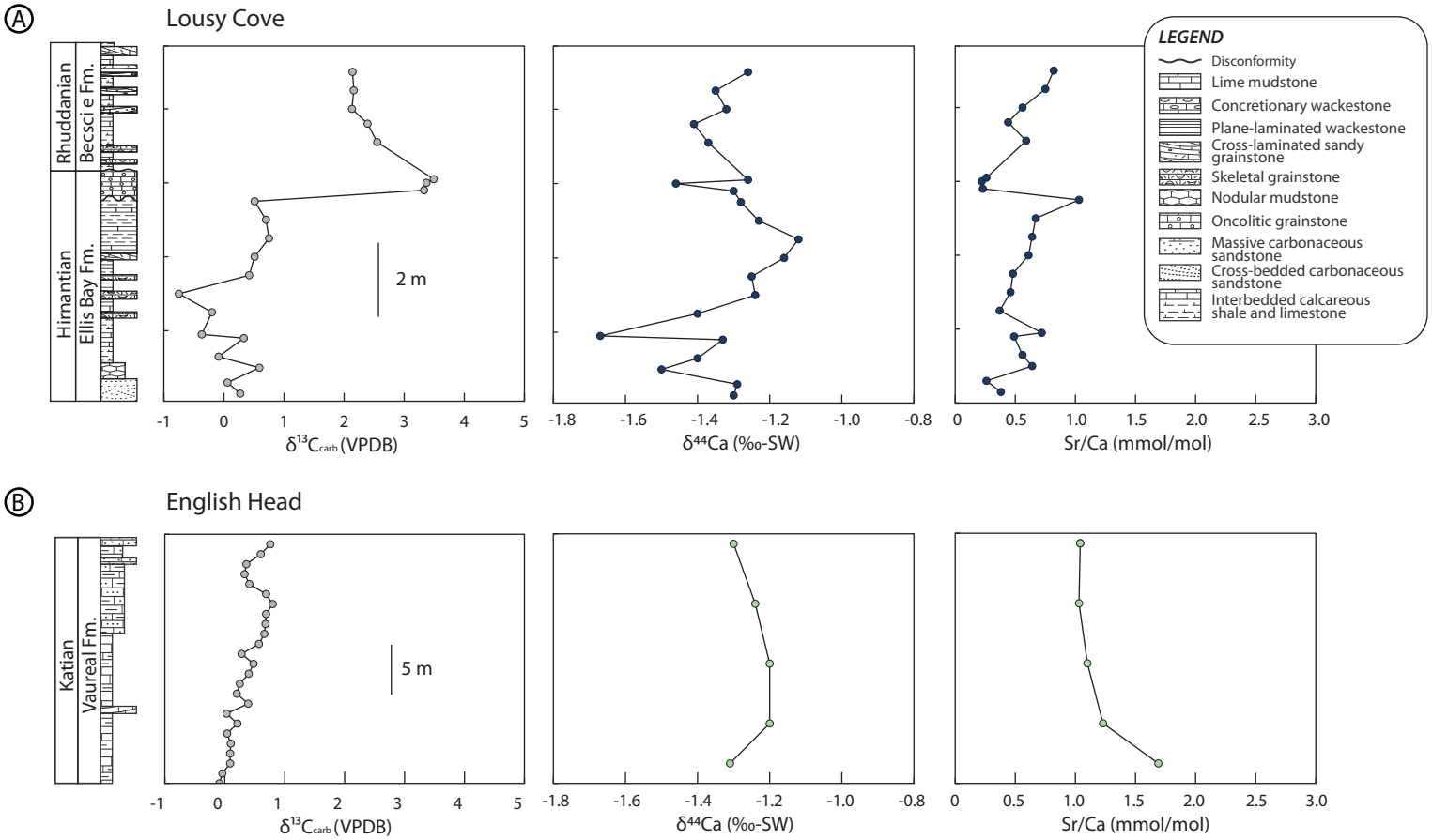

Figure DR1

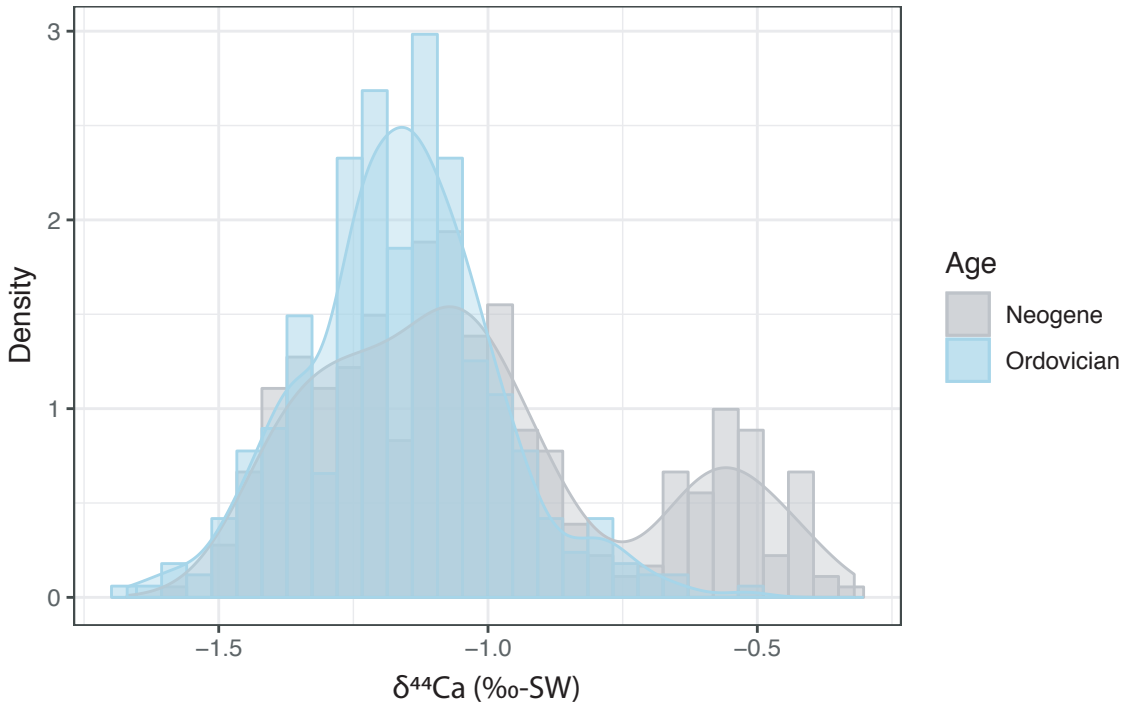

Figure DR2

Section	Basin	Age	Lithology	d4440Ca	Height (m)	d13C (‰-VPDB)	d18O (‰-VPDB)	Mg/Ca (mmol/mol)	Sr/Ca (mmol/mol)
Lousy Cove	Anticosti	Ordovician	ls	-1.46	6.0	3.37	-4.31	5.97	0.22
Lousy Cove	Anticosti	Ordovician	ls	-1.30	5.8	3.33	-5.40	6.64	0.23
Lousy Cove	Anticosti	Ordovician	ls	-1.30	0.3	0.27	-4.72	7.91	0.38
Lousy Cove	Anticosti	Ordovician	ls	-1.26	6.1	3.49	-3.93	8.64	0.26
Lousy Cove	Anticosti	Ordovician	ls	-1.41	7.6	2.39	-4.51	9.64	0.44
Lousy Cove	Anticosti	Ordovician	ls	-1.40	2.5	-0.20	-5.82	10.30	0.37
Lousy Cove	Anticosti	Ordovician	ls	-1.29	0.6	0.06	-5.90	10.89	0.26
Lousy Cove	Anticosti	Ordovician	ls	-1.37	7.1	2.55	-4.41	12.80	0.59
Lousy Cove	Anticosti	Ordovician	ls	-1.16	4.0	0.51	-4.03	12.87	0.61
Lousy Cove	Anticosti	Ordovician	ls	-1.50	1.0	0.59	-4.45	13.64	0.64
Lousy Cove	Anticosti	Ordovician	ls	-1.24	3.0	-0.75	-3.88	14.88	0.46
Lousy Cove	Anticosti	Ordovician	ls	-1.12	4.5	0.75	-5.01	15.69	0.64
Lousy Cove	Anticosti	Ordovician	ls	-1.23	5.0	0.70	-3.29	15.75	0.67
Lousy Cove	Anticosti	Ordovician	ls	-1.28	5.5	0.51	-2.68	16.33	1.03
Lousy Cove	Anticosti	Ordovician	ls	-1.25	3.5	0.42	-4.63	16.46	0.48
Lousy Cove	Anticosti	Ordovician	ls	-1.32	8.0	2.13	-3.73	17.76	0.56
Lousy Cove	Anticosti	Ordovician	ls	-1.33	1.8	0.33	-7.73	17.76	0.49
Lousy Cove	Anticosti	Ordovician	ls	-1.40	1.3	-0.09	-6.14	19.95	0.56
Lousy Cove	Anticosti	Ordovician	ls	-1.26	9.0	2.14	-3.51	33.73	0.82
Lousy Cove	Anticosti	Ordovician	ls	-1.35	8.5	2.16	-4.22	38.27	0.75
Lousy Cove	Anticosti	Ordovician	ls	-1.67	1.9	-0.37	-7.15	45.81	0.72
NACP	Anticosti	Ordovician	ls	-1.15	659.0	-0.11	-3.12	7.79	0.88
NACP	Anticosti	Ordovician	ls	-1.14	100.0	-0.09	-4.47	12.14	0.80
NACP	Anticosti	Ordovician	ls	-1.17	132.0	-0.76	-3.84	14.87	0.89
NACP	Anticosti	Ordovician	ls	-1.25	809.0	0.94	-3.23	14.87	1.18
NACP	Anticosti	Ordovician	ls	-1.05	182.0	-0.53	-4.21	15.05	0.92
NACP	Anticosti	Ordovician	ls	-1.09	155.0	0.08	-4.94	18.35	0.78
NACP	Anticosti	Ordovician	ls	-1.24	959.0	0.48	-4.00	18.52	1.61
NACP	Anticosti	Ordovician	ls	-1.49	1049.0	-0.19	-4.76	19.50	2.38
NACP	Anticosti	Ordovician	ls	-0.99	451.0	1.02	-2.44	24.17	0.47
NACP	Anticosti	Ordovician	ls	-1.37	1019.0	0.70	-3.83	26.35	1.36
NACP	Anticosti	Ordovician	ls	-1.01	689.0	0.35	-3.33	26.77	1.12
NACP	Anticosti	Ordovician	ls	-1.10	377.0	0.51	-2.81	27.11	0.61
NACP	Anticosti	Ordovician	ls	-1.19	864.0	0.60	-4.06	28.99	1.00
NACP	Anticosti	Ordovician	ls	-1.13	232.0	-0.28	-5.48	29.29	0.75
NACP	Anticosti	Ordovician	ls	-1.03	749.0	0.10	-4.28	33.28	0.90
NACP	Anticosti	Ordovician	ls	-0.94	629.0	0.48	-4.21	33.65	0.96
NACP	Anticosti	Ordovician	ls	-1.21	514.0	0.89	-4.27	34.42	0.58
NACP	Anticosti	Ordovician	ls	-1.46	1169.0	0.07	-4.78	35.65	2.64
NACP	Anticosti	Ordovician	ls	-1.18	501.0	1.92	-3.30	36.80	1.33
NACP	Anticosti	Ordovician	ls	-1.24	325.0	4.09	-4.47	37.38	0.49
NACP	Anticosti	Ordovician	ls	-1.14	611.0	0.92	-3.15	37.90	0.53
NACP	Anticosti	Ordovician	ls	-1.19	207.0	-0.21	-5.00	38.32	0.75
NACP	Anticosti	Ordovician	ls	-1.26	332.0	4.07	-3.00	38.71	0.79
NACP	Anticosti	Ordovician	ls	-0.95	438.0	0.11	-2.94	38.73	0.54
NACP	Anticosti	Ordovician	ls	-1.12	315.0	0.89	-3.64	38.88	1.12
NACP	Anticosti	Ordovician	ls	-1.22	478.0	1.70	-2.99	39.24	1.12
NACP	Anticosti	Ordovician	ls	-1.26	283.0	0.79	-3.89	39.66	1.33
NACP	Anticosti	Ordovician	ls	-0.90	456.0	1.03	-2.65	41.55	0.49
NACP	Anticosti	Ordovician	ls	-0.96	574.0	0.06	-3.80	42.87	0.70
NACP	Anticosti	Ordovician	ls	-1.35	984.0	-0.34	-4.93	43.74	2.69
NACP	Anticosti	Ordovician	ls	-1.16	458.0	0.82	-3.29	43.80	0.56
NACP	Anticosti	Ordovician	ls	-1.21	604.0	0.86	-3.70	45.29	0.77
NACP	Anticosti	Ordovician	ls	-1.07	599.0	0.55	-3.54	45.83	0.66
NACP	Anticosti	Ordovician	ls	-1.13	509.0	1.02	-3.41	46.69	0.62
NACP	Anticosti	Ordovician	ls	-1.04	606.0	0.52	-3.97	49.40	0.69
NACP	Anticosti	Ordovician	ls	-1.39	1109.0	-0.02	-4.65	51.31	1.33
NACP	Anticosti	Ordovician	ls	-1.24	524.0	1.29	-4.19	51.55	0.81
NACP	Anticosti	Ordovician	ls	-1.22	314.0	1.17	-3.72	52.01	1.25
NACP	Anticosti	Ordovician	ls	-1.17	320.0	0.92	-3.62	52.35	0.94
NACP	Anticosti	Ordovician	ls	-1.27	534.0	1.43	-3.38	52.50	0.92
NACP	Anticosti	Ordovician	ls	-1.22	409.0	0.91	-3.35	53.02	1.25
NACP	Anticosti	Ordovician	ls	-1.14	299.0	0.54	-4.11	53.51	0.85
NACP	Anticosti	Ordovician	ls	-1.27	391.0	0.60	-3.07	57.62	0.99
NACP	Anticosti	Ordovician	ls	-1.22	337.0	4.07	-3.25	59.17	0.23
NACP	Anticosti	Ordovician	ls	-1.10	416.0	0.90	-3.08	59.88	1.20
NACP	Anticosti	Ordovician	ls	-1.07	300.0	1.05	-3.72	59.90	1.02
NACP	Anticosti	Ordovician	ls	-1.25	589.0	0.80	-2.67	60.04	2.03
NACP	Anticosti	Ordovician	ls	-1.15	382.0	0.02	-4.41	61.20	0.61
NACP	Anticosti	Ordovician	ls	-1.04	484.0	1.73	-2.89	62.07	1.21
NACP	Anticosti	Ordovician	ls	-1.21	304.0	1.22	-3.77	62.34	0.99
NACP	Anticosti	Ordovician	ls	-1.16	476.0	1.96	-2.80	62.88	1.03

NACP	**Anticosti**	**Ordovician**	**ls**	-1.03	556.0	1.53	-2.91	63.50	2.20
NACP	**Anticosti**	**Ordovician**	**ls**	-1.05	260.0	-0.27	-4.42	65.75	0.94
NACP	**Anticosti**	**Ordovician**	**ls**	-1.13	929.0	0.68	-3.97	66.02	1.51
NACP	**Anticosti**	**Ordovician**	**ls**	-1.15	516.0	1.05	-3.49	66.43	0.58
NACP	**Anticosti**	**Ordovician**	**ls**	-1.51	362.0	0.50	-3.73	71.90	1.29
NACP	**Anticosti**	**Ordovician**	**ls**	-1.48	539.0	0.88	-3.69	72.23	1.06
NACP	**Anticosti**	**Ordovician**	**ls**	-1.26	322.0	0.94	-4.07	74.34	0.93
NACP	**Anticosti**	**Ordovician**	**ls**	-1.40	521.0	1.32	-3.49	74.36	0.92
NACP	**Anticosti**	**Ordovician**	**ls**	-1.60	369.0	0.74	-3.45	76.56	1.63
NACP	**Anticosti**	**Ordovician**	**ls**	-1.10	423.0	0.97	-3.38	76.60	0.77
NACP	**Anticosti**	**Ordovician**	**ls**	-0.96	448.0	0.94	-2.74	76.60	0.77
NACP	**Anticosti**	**Ordovician**	**ls**	-1.34	499.0	1.81	-2.91	77.14	1.18
NACP	**Anticosti**	**Ordovician**	**ls**	-0.96	364.0	-0.90	-4.11	78.84	0.50
NACP	**Anticosti**	**Ordovician**	**ls**	-1.43	529.0	1.99	-3.83	78.93	0.77
NACP	**Anticosti**	**Ordovician**	**ls**	-1.23	899.0	0.68	-4.09	85.27	1.40
NACP	**Anticosti**	**Ordovician**	**ls**	-1.07	436.0	-0.55	-3.43	85.94	0.58
NACP	**Anticosti**	**Ordovician**	**ls**	-1.55	359.0	0.59	-3.48	87.56	1.77
NACP	**Anticosti**	**Ordovician**	**ls**	-1.01	614.0	0.65	-4.55	91.45	0.89
NACP	**Anticosti**	**Ordovician**	**ls**	-1.35	1076.0	-0.10	-4.70	97.58	1.71
NACP	**Anticosti**	**Ordovician**	**ls**	-1.39	357.0	0.56	-3.80	102.86	0.97
NACP	**Anticosti**	**Ordovician**	**ls**	-1.33	536.0	0.76	-3.11	109.36	1.24
NACP	**Anticosti**	**Ordovician**	**ls**	-1.16	85.0	0.38	-4.66	109.84	0.98
NACP	**Anticosti**	**Ordovician**	**ls**	-1.32	531.0	1.41	-4.22	112.45	0.70
NACP	**Anticosti**	**Ordovician**	**ls**	-1.44	549.0	1.67	-3.16	112.68	1.32
NACP	**Anticosti**	**Ordovician**	**ls**	-1.18	398.0	0.87	-3.49	116.04	1.19
NACP	**Anticosti**	**Ordovician**	**ls**	-1.36	1199.0	0.35	-4.49	123.80	2.63
NACP	**Anticosti**	**Ordovician**	**ls**	-1.12	352.0	-0.06	-4.39	125.52	0.66
NACP	**Anticosti**	**Ordovician**	**ls**	-1.13	839.0	0.87	-3.91	128.66	1.23
NACP	**Anticosti**	**Ordovician**	**ls**	-1.41	335.0	3.58	-2.90	132.71	0.68
NACP	**Anticosti**	**Ordovician**	**ls**	-1.26	319.0	0.31	-4.40	140.98	0.83
NACP	**Anticosti**	**Ordovician**	**ls**	-1.40	1139.0	0.07	-4.26	158.10	1.96
NACP	**Anticosti**	**Ordovician**	**ls**	-1.24	714.0	0.59	-4.61	167.31	1.16
NACP	**Anticosti**	**Ordovician**	**ls**	-1.14	354.0	-0.03	-4.39	167.74	0.83
NACP	**Anticosti**	**Ordovician**	**ls**	-1.25	779.0	0.95	-4.23	171.78	1.41
NACP	**Anticosti**	**Ordovician**	**ls**	-1.23	624.0	0.70	-4.65	173.53	1.19
NACP	**Anticosti**	**Ordovician**	**ls**	-1.18	344.0	0.90	-4.04	188.75	0.67
NACP	**Anticosti**	**Ordovician**	**ls**	-1.17	609.0	0.69	-3.62	194.71	0.91
NACP	**Anticosti**	**Ordovician**	**ls**	-1.24	616.0	0.72	-4.58	207.28	0.92
NACP	**Anticosti**	**Ordovician**	**ls**	-1.24	584.0	0.79	-4.14	253.95	0.96
NACP	**Anticosti**	**Ordovician**	**ls**	-1.34	511.0	0.86	-4.35	256.89	1.11
NACP	**Anticosti**	**Ordovician**	**ls**	-1.34	302.0	1.59	-2.81	313.79	1.35
NACP	**Anticosti**	**Ordovician**	**ls**	-1.45	340.0	2.36	-3.40	506.27	0.67
NACP	**Anticosti**	**Ordovician**	**dl**	-1.03	601.0				
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.23	16.7	1.60	-3.78	20.74	1.00
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.00	20.0	0.44	-3.41	24.55	0.75
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.08	18.0	0.41	-3.54	28.14	1.12
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.24	0.0	0.11	-3.64	30.49	1.06
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.35	16	4.03	-1.96	30.67	0.62
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.24	17.4	0.98	-4.84	34.13	1.13
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.25	17.9	0.73	-3.52	35.11	0.98
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.18	16.9	1.29	-3.63	35.41	0.95
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.14	17.6	0.90	-3.57	37.59	1.05
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.10	23.0	0.20	-3.82	39.47	1.52
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.29	7.1	0.49	-4.08	39.72	0.99
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.34	2.0	0.60	-3.61	40.65	1.05
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.17	21	0.64	-3.43	41.36	0.94
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-0.99	16.4	1.92	-2.88	41.51	0.48
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.39	1	0.53	-2.97	45.02	1.42
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.37	4	0.29	-3.61	45.38	1.18
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.32	3	0.44	-3.66	45.88	0.70
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.19	19	0.33	-3.78	46.83	1.53
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.10	22	0.16	-3.71	48.31	1.18
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.17	15.0	3.53	-2.95	55.16	0.93
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.23	16.2	3.10	-2.91	57.96	0.77
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.28	14	3.83	-1.87	64.59	0.83
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.39	5	0.96	-3.53	69.38	1.05
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.45	9	0.66	-3.59	80.81	0.72
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.37	12	2.70	-2.61	97.03	0.98
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.42	10	1.70	-1.91	307.27	1.18
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.49	11	2.05	-2.82	333.30	0.96
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.44	13	2.22	-2.98	441.22	0.93
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.34	24.0	0.76	-3.74	23.59	1.04
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.26	24.0	0.76	-3.74	23.59	1.04

Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.24	18.0	0.80	-3.61	24.04	1.03
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.20	12.0	0.48	-3.88	31.08	1.10
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.20	6.0	0.21	-3.87	33.26	1.23
Laframboise Pt	**Anticosti**	**Ordovician**	**ls**	-1.31	2.0	0.09	-4.37	57.58	1.69
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.10	147	0.08		15.72	1.40
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.58	161	7.22		17.33	1.75
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.49	169.5	6.85		19.27	1.18
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.34	137	1.35		19.65	1.70
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.14	197	2.69		24.51	0.54
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.11	146	0.42		24.75	1.55
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.45	167.5	6.97		26.39	1.44
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.58	164.5	6.87		27.03	1.85
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.19	141	1.26		29.33	1.44
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.43	140	1.66		29.85	1.30
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.33	130	1.83		30.40	1.65
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.48	128	2.19		37.04	1.33
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.17	142	1.18		39.68	1.40
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.43	175	6.26		41.49	0.61
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.63	158	6.70		41.67	2.84
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.34	133	1.71		42.74	1.54
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.33	187	4.79		43.48	0.47
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.37	166.5	6.64		47.62	0.87
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.39	180.5	5.74		61.73	0.48
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.38	157	5.18		68.03	1.51
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.39	154	3.65		71.94	1.38
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.22	172.9	1.38		78.74	0.61
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.44	153	3.27		90.09	1.49
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.38	171.5	6.29		109.29	0.60
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.13	193.4	2.58		128.37	0.88
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.28	188.9			146.84	0.44
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.38	168.5	6.47		182.15	0.68
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.29	182.5	4.89		212.31	0.42
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.21	150	1.49		277.78	0.54
Monitor Range	**GreatBasin**	**Ordovician**	**dl**	-1.23	151	1.74		735.29	0.56
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.09	198	0.98			
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.27	206	0.82			
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.27	208	0.05			
Monitor Range	**GreatBasin**	**Ordovician**	**ls**	-1.27	219	-0.18			
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.11	67.9	0.42	-5.53	874.92	0.15
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.15	75.0	-0.02	-4.45	947.42	0.16
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	3.8	0.97	-8.14	947.66	0.12
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-0.99	77.4	0.20	-5.67	948.26	0.11
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.22	90.5	0.95	-4.99	948.49	0.13
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-0.90	17.8	-0.78	-3.51	951.02	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.13	100.3	1.59	-5.64	951.55	0.11
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.16	80.5	0.55	-3.14	952.62	0.16
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.20	93.9	2.44	-5.18	952.93	0.12
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-0.95	64.8	-0.47	-2.61	956.21	0.22
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.08	31.3	-0.69	-1.96	958.75	0.18
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.08	100.3	1.59	-5.64	961.11	0.11
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.06	25.8	-0.84	-2.22	964.85	0.22
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.16	85.5	0.55	-1.41	966.25	0.18
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.06	43.9	-0.63	-3.55	968.35	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	56.8	-0.53	-3.16	969.20	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.26	43.3	-0.73	-4.46	974.65	0.18
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.05	13.2	-0.56	-1.96	975.82	0.20
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.02	25.7	-0.80	-2.48	976.59	0.10
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.18	80.5	0.55	-3.14	976.66	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.29	69.8	0.15	-2.37	979.33	0.09
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.23	79.7	0.21	-4.63	980.58	0.14
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	75.8	0.00	-3.93	983.10	0.16
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.16	37.4	-0.51	-2.58	983.37	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.16	21.7	-0.95	-2.58	983.86	0.19
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.06	44.9	-1.06	-3.63	984.37	0.19
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	96.5	2.59	-7.24	986.96	0.08
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	97.3	1.80	-6.45	987.67	0.10
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.17	17.8	-0.78	-3.51	990.69	0.17
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.16	40.0	-0.43	-3.26	990.83	0.09
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.36	92.5	1.93	-4.80	991.80	0.12
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	29.5	-0.40	-2.56	994.73	0.19
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.15	47.3	-0.73	-2.95	998.53	0.18
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.01	33.7	-0.87	-2.70	999.67	0.18
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	58.0	-0.68	-3.76	1003.62	0.17

Pancake Range	**GreatBasin**	**Ordovician**	**ls**	-1.30	58.9	-0.83	-2.99		0.01
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	70.7	0.26	-3.23	960.08	0.16
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.13	12.3	0.50	-6.24	968.27	0.10
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	25.7	0.67	-6.39	968.39	0.10
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.10	6.8	0.85	-6.46	975.17	0.09
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.15	54.5	0.43	-4.85	980.35	0.10
Pancake Range	**GreatBasin**	**Ordovician**	**dl**	-1.10	73.8				
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.05	63.6	0.08	-2.06	887.58	0.20
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.00	165.8	0.29	-4.68	888.01	0.10
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.04	5.9			894.09	0.14
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.09	139.9	0.03	-3.66	898.41	0.14
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.23	183.6	0.42	-4.74	902.25	0.14
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	77.8	-1.07	-3.70	908.41	0.15
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	21.3	0.69	-3.73	908.90	0.10
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.18	191.6	0.62	-3.72	909.53	0.14
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-0.99	147.4	0.44	-3.90	915.21	0.14
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.18	213.6	0.37	-4.11	915.73	0.15
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	6.3	-0.05	-6.88	916.70	0.09
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.11	122.1	0.10	-5.47	917.16	0.08
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.10	148.4	2.13	-5.81	921.23	0.09
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.28	2.9	0.62	-5.54	922.12	0.06
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.01	147.9	2.78	-4.63	933.49	0.13
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	157.4	0.01	-7.31	935.37	0.06
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	89.3	-0.91	-3.35	936.45	0.13
S. Egan Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	150.1	1.64	-3.08	948.35	0.12
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.09	130.1	3.40	-2.89		0.00
Silver Island Range	**GreatBasin**	**Ordovician**	**ls**	-1.06	6	0.61	-4.99	620.60	0.04
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	136	1.57	-4.27	832.74	0.11
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.08	81	-1.53	-5.10	901.44	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.06	39	-0.73	-5.31	901.59	0.20
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.54	0.6	0.05	-6.19	901.81	0.12
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.34	18.2	0.09	-5.14	902.24	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.24	4	0.67	-4.66	902.77	0.14
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.05	41	-0.15	-4.90	904.46	0.11
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.22	25.8	-0.08	-5.57	908.38	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	66.2	-0.93	-5.13	908.68	0.14
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.03	37	0.61	-6.42	912.16	0.08
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.11	49	-0.31	-5.03	914.70	0.12
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.01	75.1	-0.21	-4.46	914.85	0.10
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.09	8	0.15	-4.46	917.19	0.13
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.22	35	0.57	-5.16	918.18	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-0.93	44.8	0.00	-5.51	918.59	0.08
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	56.9	-1.26	-5.75	920.65	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	55.3	-1.54	-5.38	920.84	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	13.9	-0.55	-5.61	924.72	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.20	73	0.59	-4.62	925.77	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.10	30	-0.36	-5.87	925.87	0.10
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.24	79	-1.15	-4.89	926.28	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.05	12.1	0.63	-5.38	926.67	0.10
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.17	47	0.67	-4.47	927.27	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	59.2	-1.39	-5.68	928.03	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.00	51	-0.57	-5.44	928.71	0.08
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	100.3	-0.59	-5.44	929.52	0.08
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.35	16.5	-0.26	-5.73	930.02	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.05	53	-1.40	-5.71	930.23	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	33	0.56	-4.92	931.20	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.01	28	-0.28	-5.82	932.04	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.27	91	-0.73	-5.75	932.98	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.10	70	-1.08	-4.94	933.69	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.21	24.1	0.21	-5.76	935.26	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	122	-0.42	-3.71	936.10	0.15
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	83	-1.49	-6.11	937.53	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.06	120	0.10	-4.84	939.01	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.11	87	-1.15	-5.61	939.07	0.05
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.28	98.1	-0.58	-5.34	942.31	0.10
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.12	77.3	-1.28	-5.19	943.65	0.05
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.22	89	-1.26	-6.10	944.80	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.26	93.2	-0.87	-5.48	945.96	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.21	96.1	-0.82	-5.66	947.01	0.09
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-0.98	63	-1.33	-5.60	947.84	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.09	84.9	-1.18	-5.46	949.45	0.06
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.01	19.9	0.13	-5.36	955.02	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.42	147.9	0.63	-4.90	967.74	0.14

Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	132	3.82	-2.88	968.64	0.17
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.13	144	1.39	-2.91	974.95	0.18
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	124	-0.50	-4.66	976.62	0.14
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	128	3.18	-2.69	994.02	0.16
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.15	150	0.50	-4.65	996.40	0.08
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.07	61.5	-1.23	-5.37	1001.56	0.07
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.19	140	0.54	-4.36	1003.87	0.11
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-1.14	145.7	0.42	-5.30	1011.22	0.11
Silver Island Range	**GreatBasin**	**Ordovician**	**dl**	-0.75	22	0.22	-5.38		
Barn Hills	**GreatBasin**	**Ordovician**	**ls**	-1.21	40.1	1.29	-1.75	674.01	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.96	4.0	-0.24	-5.29	758.76	0.06
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.02	44.0	0.09	-1.95	784.18	0.13
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.94	60.1	-1.97	-2.97	787.37	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.02	57.0	-2.61	-3.40	806.44	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.95	48.0	1.13	-1.40	812.35	0.10
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.24	0.0	-0.89	-4.99	813.09	0.04
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.76	10.0	-0.06	-5.29	816.77	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.90	51.0	0.90	-1.58	818.20	0.09
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.52	7.0	-0.05	-4.80	820.41	0.14
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.36	29.0	0.99	-1.15	823.62	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.14	19.9	1.92	-1.37	824.84	0.10
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.88	17.0	1.31	-4.22	826.57	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.06	71.9	-1.23	-3.05	826.62	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.98	23.0	1.79	-1.25	830.46	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.03	31.0	0.83	-2.16	830.82	0.09
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.01	74.0	-1.19	-2.76	838.78	0.09
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.84	14.0	1.09	-4.27	846.34	0.08
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.06	69.0	-0.79	-2.34	849.69	0.08
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.82	106.0	0.22	-3.31	894.52	0.17
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.80	131.5	0.03	-5.42	908.43	0.13
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.13	76.0	-1.01	-2.70	915.30	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.81	102.0	-0.02	-2.97	917.95	0.18
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.00	116.1	1.28	-5.98	923.73	0.09
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.27	80.0	-0.95	-2.52	924.59	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.81	95.0	-0.52	-2.25	924.99	0.16
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.77	114.0	0.98	-4.95	925.85	0.13
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.74	112.0	1.11	-5.11	925.86	0.10
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.71	134.0	0.44	-3.84	927.54	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.92	98.9	-0.62	-2.29	928.79	0.15
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.78	145.0	0.07	-5.19	929.43	0.06
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.03	89.3	-0.69	-2.71	929.91	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.89	100.6	0.76	-3.29	930.28	0.23
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.67	132.5	0.19	-5.05	930.97	0.15
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.77	124.0	1.85	-4.72	931.68	0.11
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.94	149.0	-0.21	-4.23	932.83	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.99	138.0	0.32	-4.77	937.77	0.08
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.78	104.0	-1.28	-3.37	938.07	0.16
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.82	108.0	0.69	-2.59	938.17	0.16
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.95	118.0	1.31	-5.11	939.45	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.00	92.1	-0.58	-2.38	939.51	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.98	140.0	0.07	-5.48	939.55	0.06
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.05	153.0	0.05	-4.65	939.72	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.98	142.0	0.21	-5.09	945.50	0.06
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.06	134.4	0.41	-4.97	945.54	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.05	151.0	-0.15	-5.08	946.18	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.63	127.0	0.52	-4.74	950.17	0.12
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.88	119.9	1.28	-4.87	951.22	0.13
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.70	96.8	-0.48	-2.28	955.51	0.17
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.94	122.0	0.80	-4.86	960.01	0.10
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.95	144.0	0.29	-5.14	964.02	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.87	130.6	0.42	-4.49	967.11	0.10
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.94	63.0	-1.91	-3.09	977.00	0.14
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.05	66.0	-1.06	-2.56	988.16	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.02	82.0	-0.92	-2.85	992.56	0.05
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.06	77.9	-1.16	-2.83	1003.12	0.04
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.11	84.0	-0.64	-2.61	1005.69	0.06
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.94	54.0	0.09	-2.02	1006.89	0.03
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-0.84	128.0	0.77	-3.64	1014.29	0.07
Barn Hills	**GreatBasin**	**Ordovician**	**dl**	-1.21	86.0	-0.58	-2.77	1030.80	0.04
Site1131	**Australia**	**Neogene**	**ls**	-1.15	531.5	1.16	2.02	29.05	8.81
Site1131	**Australia**	**Neogene**	**ls**	-1.12	378.3	1.42	1.36	37.50	3.24
Site1131	**Australia**	**Neogene**	**ls**	-1.11	521.5	1.70	1.72	38.50	1.96
Site1131	**Australia**	**Neogene**	**ls**	-1.03	141.85	0.80	1.73	40.55	3.55

Site1131	**Australia**	**Neogene**	**ls**	-1.08	511.3	1.00	1.81	42.70	1.93
Site1131	**Australia**	**Neogene**	**ls**	-1.05	505.25	0.98	1.89	43.90	1.94
Site1131	**Australia**	**Neogene**	**ls**	-1.03	80.25	0.88	1.94	46.10	3.70
Site1131	**Australia**	**Neogene**	**ls**	-1.14	86	0.79	1.95	46.90	3.30
Site1131	**Australia**	**Neogene**	**ls**	-1.23	329.35	0.82	1.48	48.09	4.00
Site1131	**Australia**	**Neogene**	**ls**	-1.18	111.9	1.33	2.42	50.30	3.98
Site1131	**Australia**	**Neogene**	**ls**	-1.05	107	0.76	1.92	54.40	4.22
Site1131	**Australia**	**Neogene**	**ls**	-1.07	32.1	0.96	1.49	56.10	3.35
Site1131	**Australia**	**Neogene**	**ls**	-1.07	40	1.32	1.58	56.10	3.60
Site1131	**Australia**	**Neogene**	**ls**	-1.14	444	0.75	1.12	56.80	2.00
Site1131	**Australia**	**Neogene**	**ls**	-1.17	66.1	0.47	1.30	59.70	4.19
Site1131	**Australia**	**Neogene**	**ls**	-1.21	245.2	0.71	1.54	59.70	4.20
Site1131	**Australia**	**Neogene**	**ls**	-1.14	43.3	1.06	1.43	59.80	3.42
Site1131	**Australia**	**Neogene**	**ls**	-1.18	149.05	0.87	1.83	60.00	4.30
Site1131	**Australia**	**Neogene**	**ls**	-1.12	70	0.76	2.10	60.70	3.75
Site1131	**Australia**	**Neogene**	**ls**	-1.07	406.2	1.70	1.98	61.40	4.36
Site1131	**Australia**	**Neogene**	**ls**	-1.07	167.5	1.39	1.69	61.50	4.04
Site1131	**Australia**	**Neogene**	**ls**	-1.09	179.25	1.30	1.67	61.90	4.43
Site1131	**Australia**	**Neogene**	**ls**	-1.24	191.7	0.86	2.08	64.20	4.45
Site1131	**Australia**	**Neogene**	**ls**	-1.05	488.9	0.95	2.17	64.50	1.78
Site1131	**Australia**	**Neogene**	**ls**	-1.10	122.6	0.85	1.72	64.60	3.10
Site1131	**Australia**	**Neogene**	**ls**	-1.00	62.2	1.11	1.83	65.10	4.30
Site1131	**Australia**	**Neogene**	**ls**	-1.18	309.05	0.55	1.99	67.10	3.33
Site1131	**Australia**	**Neogene**	**ls**	-0.88	160.9	1.26	2.28	68.50	3.48
Site1131	**Australia**	**Neogene**	**ls**	-0.99	130.3	1.03	1.93	71.30	3.82
Site1131	**Australia**	**Neogene**	**ls**	-1.18	220.3	0.67	1.64	72.90	4.17
Site1131	**Australia**	**Neogene**	**ls**	-1.12	272.15	0.62	2.05	73.20	3.97
Site1131	**Australia**	**Neogene**	**ls**	-1.12	95.65	1.04	2.51	74.10	4.18
Site1131	**Australia**	**Neogene**	**ls**	-1.11	134.9	1.30	1.69	74.30	3.76
Site1131	**Australia**	**Neogene**	**ls**	-0.93	21.1	1.82	2.63	75.04	3.57
Site1131	**Australia**	**Neogene**	**ls**	-1.14	58.9	0.88	1.77	76.50	4.27
Site1131	**Australia**	**Neogene**	**ls**	-1.02	26.2	1.22	1.48	78.38	4.08
Site1131	**Australia**	**Neogene**	**ls**	-1.06	298.15	0.81	2.06	82.60	3.95
Site1131	**Australia**	**Neogene**	**ls**	-0.95	8.5	2.04	2.37	85.20	4.13
Site1131	**Australia**	**Neogene**	**ls**	-1.22	414.35	0.92	1.80	86.50	4.43
Site1131	**Australia**	**Neogene**	**ls**	-1.02	52.9	1.08	1.73	86.60	4.24
Site1131	**Australia**	**Neogene**	**ls**	-0.95	13.5	1.99	1.99	87.50	3.70
Site1131	**Australia**	**Neogene**	**ls**	-1.14	227.2	0.67	1.70	90.00	4.00
Site1131	**Australia**	**Neogene**	**ls**	-1.17	154.2	0.83	1.90	94.00	4.39
Site1131	**Australia**	**Neogene**	**ls**	-1.22	346.8	0.44	1.86	133.90	2.72
Andros	**Bahamas**	**Neogene**	**ls**	-1.47	ooids (Joulter Cay)	5.03		5.05	9.95
Andros	**Bahamas**	**Neogene**	**ls**	-1.40	ooids (Joulter Cay)	4.85		5.28	10.47
Andros	**Bahamas**	**Neogene**	**ls**	-1.49	ooids (Joulter Cay)	4.84		5.42	10.10
Andros	**Bahamas**	**Neogene**	**ls**	-1.41	ooids (Joulter Cay)	3.16		6.62	10.19
Andros	**Bahamas**	**Neogene**	**ls**	-1.44	ooids (Joulter Cay)	4.42		7.20	8.98
Andros	**Bahamas**	**Neogene**	**ls**	-1.35	ooids (Joulter Cay)	4.06		7.36	10.72
Andros	**Bahamas**	**Neogene**	**ls**	-1.39	bulk sediment (Triple Goose Creek)	3.53		35.73	8.66
Andros	**Bahamas**	**Neogene**	**ls**	-1.38	bulk sediment (Triple Goose Creek)	3.00		39.64	8.94
Andros	**Bahamas**	**Neogene**	**ls**	-1.20	bulk sediment (Triple Goose Creek)	3.47		39.97	8.89
Andros	**Bahamas**	**Neogene**	**ls**	-1.34	bulk sediment (Triple Goose Creek)	4.11		40.26	8.08
Andros	**Bahamas**	**Neogene**	**ls**	-1.32	bulk sediment (Triple Goose Creek)	3.36		43.50	9.34
Andros	**Bahamas**	**Neogene**	**ls**	-1.42	bulk sediment (Triple Goose Creek)	3.72		43.97	9.10
Andros	**Bahamas**	**Neogene**	**ls**	-1.34	bulk sediment (Triple Goose Creek)	4.03		45.49	8.53
Andros	**Bahamas**	**Neogene**	**ls**	-1.26	bulk sediment (Triple Goose Creek)	3.19		46.13	8.15
Andros	**Bahamas**	**Neogene**	**ls**	-1.34	bulk sediment (Triple Goose Creek)	3.78		48.90	8.95
Andros	**Bahamas**	**Neogene**	**ls**	-1.29	bulk sediment (Triple Goose Creek)	2.54		51.27	8.36
Andros	**Bahamas**	**Neogene**	**ls**	-1.25	bulk sediment (Triple Goose Creek)	3.47		77.84	6.53
Cilno	**Bahamas**	**Neogene**	**ls**	-1.41	305.305	5.10	0.26	19.08	8.15
Cilno	**Bahamas**	**Neogene**	**ls**	-1.39	213.805	4.33	0.22	21.70	4.58
Cilno	**Bahamas**	**Neogene**	**ls**	-1.36	319.945	5.45	0.12	21.82	8.93
Cilno	**Bahamas**	**Neogene**	**ls**	-1.33	335.805	4.95	-0.12	24.20	8.40
Cilno	**Bahamas**	**Neogene**	**ls**	-1.43	295.24	5.32	0.61	24.24	7.30
Cilno	**Bahamas**	**Neogene**	**ls**	-1.39	288.53	4.53	0.48	24.65	6.67
Cilno	**Bahamas**	**Neogene**	**ls**	-1.43	230.275	4.45	1.15	24.80	5.44
Cilno	**Bahamas**	**Neogene**	**ls**	-1.27	276.025	4.22	0.60	30.16	4.75
Cilno	**Bahamas**	**Neogene**	**ls**	-1.38	228.75	4.38	0.78	30.30	2.96
Cilno	**Bahamas**	**Neogene**	**ls**	-1.30	287.005	4.16	0.63	32.10	5.65
Cilno	**Bahamas**	**Neogene**	**ls**	-1.09	261.385	3.25	0.20	32.40	3.93
Cilno	**Bahamas**	**Neogene**	**ls**	-1.35	244	4.83	0.44	33.17	5.86
Cilno	**Bahamas**	**Neogene**	**ls**	-1.24	351.36	3.98	-0.31	38.90	34.40
Cilno	**Bahamas**	**Neogene**	**ls**	-0.95	668.865	3.08	1.32	50.20	1.57
Cilno	**Bahamas**	**Neogene**	**ls**	-1.19	184.525	2.67	1.26	63.40	2.18
Cilno	**Bahamas**	**Neogene**	**ls**	-0.90	428.525	3.80	1.02	63.70	2.30

Cilno	**Bahamas**	**Neogene**	**ls**	-1.08	435.54	3.77	0.75	64.30	2.24
Cilno	**Bahamas**	**Neogene**	**ls**	-0.96	425.78	3.52	0.58	71.90	2.62
Cilno	**Bahamas**	**Neogene**	**ls**	-1.01	456.585	3.25	0.69	76.10	3.04
Cilno	**Bahamas**	**Neogene**	**ls**	-0.89	650.87	2.51	0.54	77.90	1.22
Cilno	**Bahamas**	**Neogene**	**ls**	-0.63	542.108	2.80	1.40	79.47	0.67
Cilno	**Bahamas**	**Neogene**	**ls**	-1.00	487.39	3.04	1.02	80.70	2.35
Cilno	**Bahamas**	**Neogene**	**ls**	-0.95	585.9296	2.70	1.10	81.10	1.70
Cilno	**Bahamas**	**Neogene**	**ls**	-1.11	473.97	3.69	1.38	81.67	3.05
Cilno	**Bahamas**	**Neogene**	**ls**	-1.03	443.775	2.97	0.55	81.80	4.79
Cilno	**Bahamas**	**Neogene**	**ls**	-1.21	411.75	4.11	1.02	83.72	2.86
Cilno	**Bahamas**	**Neogene**	**ls**	-1.04	676.795	2.50	1.40	84.20	1.12
Cilno	**Bahamas**	**Neogene**	**ls**	-1.11	464.82	3.62	1.20	87.10	1.44
Cilno	**Bahamas**	**Neogene**	**ls**	-0.94	656.97	2.98	1.65	87.90	1.71
Cilno	**Bahamas**	**Neogene**	**ls**	-1.14	197.64	3.71	1.05	89.50	3.53
Cilno	**Bahamas**	**Neogene**	**ls**	-0.95	491.355	3.04	0.27	91.30	2.52
Cilno	**Bahamas**	**Neogene**	**ls**	-1.21	418.155	4.03	0.92	96.20	3.01
Cilno	**Bahamas**	**Neogene**	**ls**	-1.18	482.205	3.33	1.16	96.80	9.05
Cilno	**Bahamas**	**Neogene**	**ls**	-1.00	438.285	3.39	0.65	99.50	2.79
Cilno	**Bahamas**	**Neogene**	**ls**	-1.07	646.9576	2.80	1.00	110.70	4.71
Cilno	**Bahamas**	**Neogene**	**ls**	-0.97	494.304	3.00	0.80	115.24	2.56
Cilno	**Bahamas**	**Neogene**	**ls**	-0.96	663.68	2.57	1.21	120.94	1.58
Cilno	**Bahamas**	**Neogene**	**ls**	-0.92	374.4824	3.10	0.90	138.10	3.76
Cilno	**Bahamas**	**Neogene**	**ls**	-1.00	366.016	2.10	1.10	141.79	2.33
Cilno	**Bahamas**	**Neogene**	**ls**	-1.20	401.685	4.05	1.60	158.80	2.65
Cilno	**Bahamas**	**Neogene**	**ls**	-0.90	378.06048			167.90	3.49
Cilno	**Bahamas**	**Neogene**	**ls**	-0.96	377.89632	3.80	2.10	171.50	3.04
Cilno	**Bahamas**	**Neogene**	**ls**	-0.89	573.1616	2.50	1.80	171.50	1.00
Cilno	**Bahamas**	**Neogene**	**ls**	-0.67	546.2272	2.90	1.50	174.44	0.73
Cilno	**Bahamas**	**Neogene**	**ls**	-0.96	569.088	2.80	1.40	192.10	1.38
Cilno	**Bahamas**	**Neogene**	**ls**	-0.64	538.8704	2.80	3.20	212.74	1.51
Cilno	**Bahamas**	**Neogene**	**ls**	-0.91	646.9576	3.50	2.30	214.60	3.72
Cilno	**Bahamas**	**Neogene**	**ls**	-0.91	585.9296	3.30	2.40	217.34	1.64
Cilno	**Bahamas**	**Neogene**	**ls**	-0.42	542.108	3.10	2.60	217.91	0.47
Cilno	**Bahamas**	**Neogene**	**ls**	-0.97	374.4824	3.60	1.70	220.40	3.48
Cilno	**Bahamas**	**Neogene**	**ls**	-1.25	366.016	2.30	1.60	234.70	2.64
Cilno	**Bahamas**	**Neogene**	**ls**	-0.95	566.96	3.00	1.80	240.23	1.26
Cilno	**Bahamas**	**Neogene**	**ls**	-1.01	494.304	3.70	1.70	247.90	2.78
Cilno	**Bahamas**	**Neogene**	**ls**	-0.97	563.008	2.80	2.30	252.68	1.13
Cilno	**Bahamas**	**Neogene**	**ls**	-0.92	573.1616	2.90	2.80	292.83	0.78
Cilno	**Bahamas**	**Neogene**	**ls**	-1.10	368.144	3.50	2.60	341.89	2.87
Cilno	**Bahamas**	**Neogene**	**ls**	-0.87	563.008	3.10	3.00	342.82	1.05
Cilno	**Bahamas**	**Neogene**	**ls**	-0.99	378.06048			361.28	3.50
Cilno	**Bahamas**	**Neogene**	**ls**	-0.93	569.088	3.20	2.80	400.94	1.02
Cilno	**Bahamas**	**Neogene**	**ls**	-0.68	546.2272	3.10	3.00	430.71	0.51
Cilno	**Bahamas**	**Neogene**	**ls**	-1.02	377.89632	4.30	3.10	433.38	3.97
Cilno	**Bahamas**	**Neogene**	**ls**	-0.53	542.108	3.20	3.90	444.40	0.47
Cilno	**Bahamas**	**Neogene**	**ls**	-1.13	368.144	3.80	3.10	495.70	2.60
Cilno	**Bahamas**	**Neogene**	**ls**	-1.04	374.4824	4.20	3.00	502.30	4.31
Cilno	**Bahamas**	**Neogene**	**ls**	-0.52	538.8704	3.10	4.20	511.16	0.68
Cilno	**Bahamas**	**Neogene**	**ls**	-0.90	566.96	3.30	3.00	534.72	1.11
Cilno	**Bahamas**	**Neogene**	**ls**	-1.05	585.9296	3.60	3.60	566.34	1.77
Cilno	**Bahamas**	**Neogene**	**ls**	-1.17	646.9576	4.00	3.60	606.00	6.77
Cilno	**Bahamas**	**Neogene**	**ls**	-1.13	366.016	2.90	3.50	659.76	3.22
Cilno	**Bahamas**	**Neogene**	**ls**	-0.81	546.2272	3.20	4.10	684.13	0.50
Cilno	**Bahamas**	**Neogene**	**ls**	-0.99	573.1616	3.30	4.40	697.50	0.88
Cilno	**Bahamas**	**Neogene**	**dl**	-0.48	538.8704	3.10	4.30	703.43	0.58
Cilno	**Bahamas**	**Neogene**	**dl**	-0.88	569.088	3.40	3.90	703.99	0.94
Cilno	**Bahamas**	**Neogene**	**dl**	-1.03	377.89632	4.50	3.40	713.00	5.44
Cilno	**Bahamas**	**Neogene**	**dl**	-1.09	378.06048			713.80	5.42
Cilno	**Bahamas**	**Neogene**	**dl**	-1.29	494.304	4.50	3.50	717.53	3.94
Cilno	**Bahamas**	**Neogene**	**dl**	-1.30	368.144	4.10	3.80	749.73	2.45
Cilno	**Bahamas**	**Neogene**	**dl**	-0.96	566.96	3.50	4.00	756.60	1.02
LBB	**Bahamas**	**Neogene**	**ls**	-0.57	76	2.40	3.94	640.92	0.23
LBB	**Bahamas**	**Neogene**	**ls**	-0.54	75.696	2.00	3.34	697.05	0.27
LBB	**Bahamas**	**Neogene**	**dl**	-0.65	54.112	1.97	3.34	714.52	0.50
LBB	**Bahamas**	**Neogene**	**dl**	-0.46	57.0912	1.82	2.38	747.49	0.30
LBB	**Bahamas**	**Neogene**	**dl**	-0.67	57.152	1.78	3.42	749.48	0.46
LBB	**Bahamas**	**Neogene**	**dl**	-0.35	58.064	1.52	2.46	769.36	0.34
LBB	**Bahamas**	**Neogene**	**dl**	-0.60	65.664	2.71	3.12	770.36	0.31
LBB	**Bahamas**	**Neogene**	**dl**	-0.55	67.4272	2.09	3.31	774.99	0.37
LBB	**Bahamas**	**Neogene**	**dl**	-0.56	43.168	1.06	3.37	778.38	0.41
LBB	**Bahamas**	**Neogene**	**dl**	-0.56	59.28	1.55	3.25	783.41	0.32
LBB	**Bahamas**	**Neogene**	**dl**	-0.41	85.424	2.24	2.87	790.09	0.31

LBB	**Bahamas**	**Neogene**	**dl**	-0.61	74.176	1.67	3.21	791.88	0.28
LBB	**Bahamas**	**Neogene**	**dl**	-0.51	85.12	1.99	3.41	803.52	0.29
LBB	**Bahamas**	**Neogene**	**dl**	-0.65	32.6496	-1.17	-2.45	807.77	0.28
LBB	**Bahamas**	**Neogene**	**dl**	-0.68	69.9504	2.02	3.63	820.64	0.34
LBB	**Bahamas**	**Neogene**	**dl**	-0.42	74.9664	1.68	3.29	826.81	0.29
LBB	**Bahamas**	**Neogene**	**dl**	-0.43	73.76	1.94	3.18	831.68	0.26
LBB	**Bahamas**	**Neogene**	**dl**	-0.49	78.2192	2.86	3.22	857.99	0.25
LBB	**Bahamas**	**Neogene**	**dl**	-0.60	86.8224	2.57	3.89	907.00	0.24
LBB	**Bahamas**	**Neogene**	**dl**	-0.65	87.9776	2.23	2.34	937.00	0.21
LBB	**Bahamas**	**Neogene**	**dl**	-0.51	86.64	2.43	3.17	944.00	0.17
LBB	**Bahamas**	**Neogene**	**dl**	-0.57	79.648	2.45	3.43	945.32	0.16
LBB	**Bahamas**	**Neogene**	**dl**	-0.52	61.5296	3.10	3.08	946.41	0.17
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.42	38.25	2.20	2.50	700.00	0.50
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.41	132.71	2.80	3.20	711.00	0.37
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.40	40.54	2.70	2.50	719.00	0.44
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.43	37.8	1.67	2.73	729.00	0.45
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.57	41.61	2.50	2.70	732.00	0.50
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.46	54.35	2.70	2.85	782.00	0.40
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.49	110.15	2.40	3.55	787.00	0.35
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.59	54.47			791.00	0.43
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.54	67.15			793.00	0.68
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.32	134.2	2.80	3.20	794.00	0.39
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.55	75.59	2.05	3.00	806.00	0.43
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.62	55.11			807.00	0.42
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.66	55.32			812.00	0.42
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.44	112.17	2.45	3.05	812.00	0.37
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.51	71.78	1.75	3.00	819.00	0.42
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.64	58.8			860.00	0.26
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.39	44.53	1.65	3.00	861.00	0.24
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.68	59.47			866.00	0.27
San Salvador	**Bahamas**	**Neogene**	**dl**		61.08			876.00	0.25
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.78	61.02			884.00	0.25
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.53	59.86			890.00	0.25
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.58	66.2			891.00	0.25
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.75	59.04			897.00	0.30
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.57	60.5	1.90	3.70	906.00	0.23
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.63	57.21	2.20	3.40	908.00	0.26
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.73	64.77			908.00	0.24
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.52	57.94			912.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.87	57.67			913.00	0.22
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.45	58.83			914.00	0.22
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.49	65.78			915.00	0.24
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.57	79.31	2.75	3.70	916.00	0.27
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.54	61.48			917.00	0.22
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.51	62.06			918.00	0.20
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.53	64.98			919.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.67	57.27	2.20	3.45	929.00	0.23
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.61	57.52	2.20	3.55	932.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.55	64.68	2.30	3.70	939.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.61	97.38	2.50	3.90	940.00	0.30
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.52	61.78	2.40	3.75	946.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.58	54.22	1.90	3.40	947.00	0.23
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.62	66.14	2.40	3.75	950.00	0.38
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.57	58.98	2.30	3.60	953.00	0.28
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.61	67.33	2.30	3.50	953.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.53	67.36			954.00	0.38
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.56	66.9	2.30	3.50	964.00	0.19
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.49	91.29	2.60	4.07	968.00	0.24
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.65	62.48	2.20	3.85	972.00	0.21
San Salvador	**Bahamas**	**Neogene**	**dl**	-0.59	62.67	2.18	3.90	980.00	0.17
Site1003	**Bahamas**	**Neogene**	**ls**	-1.31	1100.8	1.79	0.25	10.61	4.01
Site1003	**Bahamas**	**Neogene**	**ls**	-1.27	1273			13.29	3.39
Site1003	**Bahamas**	**Neogene**	**ls**	-1.27	1265.9	2.12	-0.69	16.44	2.96
Site1003	**Bahamas**	**Neogene**	**ls**	-1.51	44.5	4.20	0.12	16.55	10.37
Site1003	**Bahamas**	**Neogene**	**ls**	-1.36	1140.4	1.45	0.31	16.73	3.55
Site1003	**Bahamas**	**Neogene**	**ls**	-1.37	1032.2	2.87	-0.38	17.09	3.52
Site1003	**Bahamas**	**Neogene**	**ls**	-1.37	1050	2.20	-0.78	18.46	4.30
Site1003	**Bahamas**	**Neogene**	**ls**	-1.40	974.5	2.81	-0.80	18.66	5.85
Site1003	**Bahamas**	**Neogene**	**ls**	-1.45	6	4.59	-0.07	23.50	10.22
Site1003	**Bahamas**	**Neogene**	**ls**	-1.29	1003.3	2.58	-0.51	23.84	5.60
Site1003	**Bahamas**	**Neogene**	**ls**	-1.20	1118	1.44	0.44	24.16	3.28
Site1003	**Bahamas**	**Neogene**	**ls**	-1.06	1227.3	2.19	0.91	24.82	3.71
Site1003	**Bahamas**	**Neogene**	**ls**	-1.29	839.5	3.21	0.73	25.01	4.64

Site1003	**Bahamas**	**Neogene**	**ls**	-1.34	1181.3	2.02	0.53	25.05	3.56
Site1003	**Bahamas**	**Neogene**	**ls**	-1.09	549.7	2.70	2.57	25.71	1.24
Site1003	**Bahamas**	**Neogene**	**ls**	-1.23	1284.9	1.36	-0.69	26.49	4.17
Site1003	**Bahamas**	**Neogene**	**ls**	-1.39	1012.7	3.25	0.48	27.01	5.69
Site1003	**Bahamas**	**Neogene**	**ls**	-1.05	123.7	2.61	1.62	27.38	9.86
Site1003	**Bahamas**	**Neogene**	**ls**	-1.09	754	1.65	1.04	27.44	3.20
Site1003	**Bahamas**	**Neogene**	**ls**	-1.00	513	2.91	2.69	27.63	1.21
Site1003	**Bahamas**	**Neogene**	**ls**	-0.98	130.3	2.92	1.71	28.58	4.07
Site1003	**Bahamas**	**Neogene**	**ls**	-1.23	792.9	3.33	0.42	28.62	3.74
Site1003	**Bahamas**	**Neogene**	**ls**	-1.38	1293.4	2.00	-0.63	28.85	3.32
Site1003	**Bahamas**	**Neogene**	**ls**	-1.03	724.2	1.65	1.04	28.88	1.85
Site1003	**Bahamas**	**Neogene**	**ls**	-1.10	339.4	2.94	2.02	28.91	3.99
Site1003	**Bahamas**	**Neogene**	**ls**	-1.34	1084.4	2.24	-0.63	29.47	3.32
Site1003	**Bahamas**	**Neogene**	**ls**	-0.90	140	2.10	1.57	29.74	2.83
Site1003	**Bahamas**	**Neogene**	**ls**	-0.96	283	2.88	1.49	29.83	1.44
Site1003	**Bahamas**	**Neogene**	**ls**	-1.31	1209.1	1.55	-0.47	30.27	3.53
Site1003	**Bahamas**	**Neogene**	**ls**	-1.03	103	2.69	1.21	30.28	7.08
Site1003	**Bahamas**	**Neogene**	**ls**	-1.29	93	5.05	1.43	31.03	10.87
Site1003	**Bahamas**	**Neogene**	**ls**	-0.99	292.9	2.63	2.07	31.82	1.66
Site1003	**Bahamas**	**Neogene**	**ls**	-1.03	310.6	2.73	2.22	31.91	2.29
Site1003	**Bahamas**	**Neogene**	**ls**	-1.22	878.1	2.70	-0.04	32.47	2.94
Site1003	**Bahamas**	**Neogene**	**ls**	-1.10	464.6	2.70	2.37	33.90	2.71
Site1003	**Bahamas**	**Neogene**	**ls**	-1.21	114.1	3.96	1.37	33.91	8.13
Site1003	**Bahamas**	**Neogene**	**ls**	-1.08	406.8	2.96	2.94	34.14	2.51
Site1003	**Bahamas**	**Neogene**	**ls**	-1.06	262.5	2.80	2.06	34.28	1.46
Site1003	**Bahamas**	**Neogene**	**ls**	-0.94	145.9	2.12	1.57	34.57	2.71
Site1003	**Bahamas**	**Neogene**	**ls**	-1.32	86.3	3.80	1.25	34.79	8.61
Site1003	**Bahamas**	**Neogene**	**ls**	-1.30	1070.7	1.95	-0.99	35.51	3.47
Site1003	**Bahamas**	**Neogene**	**ls**	-1.39	9	4.78	-0.02	35.62	9.00
Site1003	**Bahamas**	**Neogene**	**ls**	-1.05	243.3	2.45	1.30	36.18	1.80
Site1003	**Bahamas**	**Neogene**	**ls**	-0.98	118.6	3.16	2.00	36.84	5.63
Site1003	**Bahamas**	**Neogene**	**ls**	-0.99	456	2.70	2.37	37.47	2.47
Site1003	**Bahamas**	**Neogene**	**ls**	-1.20	1197.2	2.19	0.78	38.20	3.59
Site1003	**Bahamas**	**Neogene**	**ls**	-0.98	151.1	2.48	1.34	38.23	2.72
Site1003	**Bahamas**	**Neogene**	**ls**	-1.15	503.9	2.83	2.46	38.87	2.71
Site1003	**Bahamas**	**Neogene**	**ls**	-1.02	329.9	3.02	2.06	39.29	2.56
Site1003	**Bahamas**	**Neogene**	**ls**	-1.04	252.9	2.45	1.30	39.52	1.99
Site1003	**Bahamas**	**Neogene**	**ls**	-1.07	368.2	3.08	2.06	39.72	2.24
Site1003	**Bahamas**	**Neogene**	**ls**	-1.00	358.6	3.00	2.31	40.68	2.22
Site1003	**Bahamas**	**Neogene**	**ls**	-0.85	350.5	3.26	2.63	40.90	1.79
Site1003	**Bahamas**	**Neogene**	**ls**	-1.01	321.5	2.94	1.68	41.82	2.34
Site1003	**Bahamas**	**Neogene**	**ls**	-0.82	207.7	1.63	1.24	42.77	1.57
Site1003	**Bahamas**	**Neogene**	**ls**	-1.10	49.5	3.74	1.41	43.37	5.48
Site1003	**Bahamas**	**Neogene**	**ls**	-0.96	445.3	2.85	2.63	44.49	2.20
Site1003	**Bahamas**	**Neogene**	**ls**	-1.28	857.5	2.97	-0.05	44.56	4.38
Site1003	**Bahamas**	**Neogene**	**ls**	-1.22	655.7	3.20	1.52	45.10	2.18
Site1003	**Bahamas**	**Neogene**	**ls**	-1.14	773.6	3.14	0.76	45.19	3.45
Site1003	**Bahamas**	**Neogene**	**ls**	-1.08	483.9	3.07	2.41	45.31	1.96
Site1003	**Bahamas**	**Neogene**	**ls**	-0.80	194.1	1.45	1.68	46.58	1.43
Site1003	**Bahamas**	**Neogene**	**ls**	-1.10	588.3	2.79	2.08	46.82	2.73
Site1003	**Bahamas**	**Neogene**	**ls**	-1.03	390	3.22	3.18	47.11	2.28
Site1003	**Bahamas**	**Neogene**	**ls**	-1.06	189	1.67	1.83	47.15	1.40
Site1003	**Bahamas**	**Neogene**	**ls**	-0.84	235	2.45	1.30	49.78	1.10
Site1003	**Bahamas**	**Neogene**	**ls**	-0.86	189.8	1.60	1.89	49.96	5.68
Site1003	**Bahamas**	**Neogene**	**ls**	-0.85	160.7	2.41	2.05	50.11	1.51
Site1003	**Bahamas**	**Neogene**	**ls**	-1.35	75	2.88	-0.23	50.42	8.30
Site1003	**Bahamas**	**Neogene**	**ls**	-1.25	24	4.22	1.06	51.20	7.82
Site1003	**Bahamas**	**Neogene**	**ls**	-1.29	907.6	2.73	0.16	51.62	2.87
Site1003	**Bahamas**	**Neogene**	**ls**	-1.01	64	2.82	1.47	52.30	3.74
Site1003	**Bahamas**	**Neogene**	**ls**	-1.02	377.9	3.15	2.83	52.68	2.36
Site1003	**Bahamas**	**Neogene**	**ls**	-1.08	628	2.49	1.53	53.49	1.72
Site1003	**Bahamas**	**Neogene**	**ls**	-1.26	966.3	3.32	1.21	53.97	3.82
Site1003	**Bahamas**	**Neogene**	**ls**	-0.90	238	2.45	1.30	54.38	1.64
Site1003	**Bahamas**	**Neogene**	**ls**	-1.19	68.5	3.02	1.05	55.94	5.47
Site1003	**Bahamas**	**Neogene**	**ls**	-1.44	18	3.84	0.96	56.14	6.72
Site1003	**Bahamas**	**Neogene**	**ls**	-0.83	175.6	1.90	2.01	60.89	1.51
Site1003	**Bahamas**	**Neogene**	**ls**	-1.38	945.6	3.12	-0.59	62.60	4.72
Site1003	**Bahamas**	**Neogene**	**ls**	-0.89	183.1	1.94	2.38	63.41	1.12
Site1003	**Bahamas**	**Neogene**	**ls**	-1.56	12.3	4.64	-0.12	65.99	7.32
Site1003	**Bahamas**	**Neogene**	**ls**	-1.07	426.1	2.77	2.45	67.67	2.75
Site1003	**Bahamas**	**Neogene**	**ls**	-1.31	1	4.40	-0.84	67.70	9.28
Site1003	**Bahamas**	**Neogene**	**ls**	-1.28	926.3	3.31	1.38	72.44	3.80
Site1003	**Bahamas**	**Neogene**	**ls**	-0.99	494	3.12	2.71	74.54	4.10

Site1003	**Bahamas**	**Neogene**		-1.14	533	2.67	2.73		
Site1003	**Bahamas**	**Neogene**		-1.06	686	1.65	1.04		
Site1005	**Bahamas**	**Neogene**		-1.41	0.4	4.09	-0.57		
Site1005	**Bahamas**	**Neogene**		-1.39	1.9	5.03	0.54		
Site1005	**Bahamas**	**Neogene**		-1.47	4.4	4.92	0.48		
Site1005	**Bahamas**	**Neogene**		-1.39	7.4	5.09	0.48		
Site1005	**Bahamas**	**Neogene**		-1.39	19.4	4.26	0.23		
Site1005	**Bahamas**	**Neogene**		-1.37	20.9	4.53	0.12		
Site1005	**Bahamas**	**Neogene**		-1.29	27.4	4.57	0.12		
Site1005	**Bahamas**	**Neogene**		-1.11	34.9	3.41	-0.51		
Site1005	**Bahamas**	**Neogene**		-1.39	38.4	3.94	-0.24		
Site1005	**Bahamas**	**Neogene**		-1.33	44.4	1.71	1.37		
Site1005	**Bahamas**	**Neogene**		-1.44	46.4	4.83	0.14		
Site1005	**Bahamas**	**Neogene**		-1.39	49.4	4.84	0.19		
Site1005	**Bahamas**	**Neogene**		-1.25	52.4	4.52	0.54		
Site1005	**Bahamas**	**Neogene**		-1.30	53.9	4.55	0.54		
Site1005	**Bahamas**	**Neogene**		-1.28	56.92	4.68	0.55		
Site1005	**Bahamas**	**Neogene**		-1.39	58.4	4.97	0.66		
Site1005	**Bahamas**	**Neogene**		-1.13	64.9	4.28	-0.04		
Site1005	**Bahamas**	**Neogene**		-1.26	67.9	3.96	-0.02		
Site1005	**Bahamas**	**Neogene**		-1.34	70.9	4.22	0.03		
Site1007	**Bahamas**	**Neogene**	**ls**	-1.44	79.1	4.98	0.50	11.16	10.87
Site1007	**Bahamas**	**Neogene**	**ls**	-1.50	908	2.30	-1.36	12.04	3.58
Site1007	**Bahamas**	**Neogene**	**ls**	-1.23	879.5	2.61	0.51	12.46	3.55
Site1007	**Bahamas**	**Neogene**	**ls**	-1.45	33.6	3.01	0.20	12.92	8.97
Site1007	**Bahamas**	**Neogene**	**ls**	-1.45	69.5	4.82	0.63	13.20	10.35
Site1007	**Bahamas**	**Neogene**	**ls**	-1.10	513.9	1.69	0.74	13.51	4.58
Site1007	**Bahamas**	**Neogene**	**ls**	-1.31	23.6	4.30	0.73	14.48	8.34
Site1007	**Bahamas**	**Neogene**	**ls**	-1.15	658.2	2.73	0.43	14.59	5.25
Site1007	**Bahamas**	**Neogene**	**ls**	-1.31	524	1.69	0.74	14.60	3.37
Site1007	**Bahamas**	**Neogene**	**ls**	-1.35	87.2	4.98	0.51	15.56	11.19
Site1007	**Bahamas**	**Neogene**	**ls**	-1.36	62.7	4.85	0.81	15.68	10.70
Site1007	**Bahamas**	**Neogene**	**ls**	-1.29	110.6	2.56	2.18	17.08	10.10
Site1007	**Bahamas**	**Neogene**	**ls**	-1.27	725.6	3.17	-0.36	17.72	6.49
Site1007	**Bahamas**	**Neogene**	**ls**	-1.21	93.7	4.78	0.47	18.23	8.65
Site1007	**Bahamas**	**Neogene**	**ls**	-1.25	783.4	2.88	-0.08	19.36	3.00
Site1007	**Bahamas**	**Neogene**	**ls**	-1.14	744.8	3.08	0.17	20.10	5.27
Site1007	**Bahamas**	**Neogene**	**ls**	-1.21	497.4	1.83	1.51	20.79	3.75
Site1007	**Bahamas**	**Neogene**	**ls**	-1.08	368.5			20.91	1.70
Site1007	**Bahamas**	**Neogene**	**ls**	-1.13	341.4	1.46	1.67	20.94	1.71
Site1007	**Bahamas**	**Neogene**	**ls**	-1.04	533.5	1.69	0.74	21.62	3.35
Site1007	**Bahamas**	**Neogene**	**ls**	-1.46	937.3	2.36	0.46	22.68	3.96
Site1007	**Bahamas**	**Neogene**	**ls**	-1.05	359.8	3.08	2.05	22.76	2.00
Site1007	**Bahamas**	**Neogene**	**ls**	-1.26	956.5	1.50	-0.44	22.81	2.87
Site1007	**Bahamas**	**Neogene**	**ls**	-0.93	350.6	1.49	1.77	23.06	2.12
Site1007	**Bahamas**	**Neogene**	**ls**	-1.22	140.4	4.10	0.66	23.20	8.35
Site1007	**Bahamas**	**Neogene**	**ls**	-1.29	860.3	2.56	0.66	23.66	3.17
Site1007	**Bahamas**	**Neogene**	**ls**	-1.26	766.7	2.88	-0.01	23.75	4.50
Site1007	**Bahamas**	**Neogene**	**ls**	-1.14	648.5	2.66	0.76	24.19	3.92
Site1007	**Bahamas**	**Neogene**	**ls**	-1.33	802.6	3.25	0.67	25.18	3.71
Site1007	**Bahamas**	**Neogene**	**ls**	-0.99	238.6	2.59	2.10	25.82	1.48
Site1007	**Bahamas**	**Neogene**	**ls**	-1.21	134.5	4.41	0.38	26.45	5.98
Site1007	**Bahamas**	**Neogene**	**ls**	-1.18	696.7			26.96	4.73
Site1007	**Bahamas**	**Neogene**	**ls**	-1.21	48.2	3.27	1.11	27.05	6.85
Site1007	**Bahamas**	**Neogene**	**ls**	-0.87	332.2	1.18	1.17	27.53	1.87
Site1007	**Bahamas**	**Neogene**	**ls**	-1.22	17.7	2.06	-0.87	27.59	7.73
Site1007	**Bahamas**	**Neogene**	**ls**	-1.17	898.8			27.62	3.14
Site1007	**Bahamas**	**Neogene**	**ls**	-1.33	101.3	4.48	0.67	27.65	9.01
Site1007	**Bahamas**	**Neogene**	**ls**	-1.46	824.5	2.74	-0.01	29.19	3.52
Site1007	**Bahamas**	**Neogene**	**ls**	-1.06	207.1	1.30	1.29	29.59	1.65
Site1007	**Bahamas**	**Neogene**	**ls**	-1.23	687.3	3.03	-0.84	30.06	7.11
Site1007	**Bahamas**	**Neogene**	**ls**	-1.33	754.5	2.89	0.18	31.10	4.78
Site1007	**Bahamas**	**Neogene**	**ls**	-1.12	629.5	2.66	0.76	31.30	3.90
Site1007	**Bahamas**	**Neogene**	**ls**	-1.11	1023.9	1.58	0.03	31.47	3.02
Site1007	**Bahamas**	**Neogene**	**ls**	-1.14	793	3.02	0.51	31.89	3.66
Site1007	**Bahamas**	**Neogene**	**ls**	-1.03	220.4	2.56	2.19	32.04	1.60
Site1007	**Bahamas**	**Neogene**	**ls**	-1.09	975.7	2.34	0.88	32.52	3.79
Site1007	**Bahamas**	**Neogene**	**ls**	-1.27	149.4	4.66	0.67	32.80	8.46
Site1007	**Bahamas**	**Neogene**	**ls**	-1.17	706.4	3.51	1.13	34.25	4.28
Site1007	**Bahamas**	**Neogene**	**ls**	-1.03	229.5	2.27	0.80	34.40	1.76
Site1007	**Bahamas**	**Neogene**	**ls**	-0.80	304.5	1.34	1.00	34.75	1.60
Site1007	**Bahamas**	**Neogene**	**ls**	-0.89	269.7	1.58	0.63	35.80	1.44
Site1007	**Bahamas**	**Neogene**	**ls**	-1.27	995	1.78	0.16	37.06	3.48

Site1007	**Bahamas**	**Neogene**	**ls**	-0.97	254.1	1.67	1.24	38.05	1.27
Site1007	**Bahamas**	**Neogene**	**ls**	-1.16	322.9	1.26	1.46	40.04	1.54
Site1007	**Bahamas**	**Neogene**	**ls**	-0.85	205.1	1.17	1.71	41.61	1.92
Site1007	**Bahamas**	**Neogene**	**ls**	-0.96	184.7	1.26	1.68	42.63	3.15
Site1007	**Bahamas**	**Neogene**	**ls**	-1.24	735.2	2.75	-0.54	42.92	5.02
Site1007	**Bahamas**	**Neogene**	**ls**	-1.22	1016.9	1.80	0.12	44.75	2.74
Site1007	**Bahamas**	**Neogene**	**ls**	-1.02	287	1.86	1.31	45.62	1.65
Site1007	**Bahamas**	**Neogene**	**ls**	-1.37	815	2.80	0.08	49.40	4.44
Site1007	**Bahamas**	**Neogene**	**ls**	-1.35	152.5	4.81	1.04	50.42	9.59
Site1007	**Bahamas**	**Neogene**	**ls**	-1.07	2.5	3.29	-0.06	55.61	5.96
Site1007	**Bahamas**	**Neogene**	**ls**	-0.92	166.2	3.32	2.38	57.64	3.96
Site1007	**Bahamas**	**Neogene**	**ls**	-1.10	716	3.20	-0.31	65.45	3.82
Site1007	**Bahamas**	**Neogene**	**ls**	-1.02	175.5	3.21	2.16	90.04	3.53
Site1007	**Bahamas**	**Neogene**	**ls**	-1.06	841.1	2.74	0.15	127.72	2.94
Site1007	**Bahamas**	**Neogene**	**ls**	-1.06	295.2	1.75	2.18	147.05	1.42
Site1007	**Bahamas**	**Neogene**	**ls**	-1.19	677.5	3.07	-0.06	162.37	3.99
Unda	**Bahamas**	**Neogene**	**ls**	-0.40	291.84	2.01	3.26	352.90	0.72
Unda	**Bahamas**	**Neogene**	**ls**	-0.43	252.7456	1.60	1.20	647.80	0.57
Unda	**Bahamas**	**Neogene**	**dl**	-0.42	267.824	1.90	3.42	776.70	0.42
Unda	**Bahamas**	**Neogene**	**dl**	-0.57	323.456	2.10	3.44	805.40	0.44