

Table 3. Thermal maturity data from Ordovician samples from the subsurface of New York.

API NUMBER	STATE	COUNTY	TOWNSHIP (or 7 1/2' quad)	LATITUDE (N)	LONGITUDE (W)	LEASE NAME	STRATIGRAPHIC UNIT	AGE	SAMPLE TYPE	INTERVAL	SAMPLE MASS (g)	USGS PALEONTOLOGY COLLECTION #	CAI min	CAI max
31-003-04248	New York	Allegany	Hume	42.47043	-78.16017	Wolfer No. 1	Trenton Group	Late Ordovician	cuttings	5930'-6040'	151	11681-CO	2.5	2.5
31-007-05087	New York	Broome	Triangle	42.32346	-75.94786	Richards No. 1	Trenton Group	Middle or Late Ordovician	cuttings	7815'-7850'	167	11682-CO	4	4
31-009-03868	New York	Cattaraugus	Perrysburg	42.45509	-79.03989	Ellis No. 1	Trenton Group	late Middle -Late Ordovician)	cuttings	4996'-5061'	119	11683-CO	2.5	2.5
31-009-03934	New York	Cattaraugus	Perrysburg	42.45998	-79.04021	Conger No. 1	Trenton Group	Middle Ordovician	cuttings	4837'-4932'	114	11684-CO	2.5	2.5
31-011-00478	New York	Cayuga	Ledyard	42.68477	-76.64431	Mahaney No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	5344'-5603'	107	11685-CO	4.5	4.5
31-011-04715	New York	Cayuga	Aurelius	42.92171	-75.94786	Alnutt No. 1	Trenton Group	Middle Ordovician	cuttings	3749'-3877'	149	11686-CO	4.5	4.5
31-011-17508	New York	Cayuga	Cato	43.12899	-76.56174	Hunter No. 1	Trenton Group	Middle Ordovician	cuttings	2850'-2860'	126	11687-CO	3.5	3.5
31-013-3200	New York	Chautauqua	Harmony	42.06821	-79.41556	Morse No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	6501'-6433'	146	11688-CO	2.5	2.5
31-013-04460	New York	Chautauqua	Sheridan	42.52111	-79.26226	Sommers-Tuttle No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	3760'-3800'	170	11689-CO	2	2
31-015-00443	New York	Chemung	Van Etten	42.19857	-76.53807	Kesselring No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	9091'-9230'	133	11690-CO	4.5	4.5
31-015-10335	New York	Chemung	Erin	42.16901	-76.65898	Matejika No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	9595'-9650'	116	11691-CO	4.5	5
31-017-01160	New York	Chenango	Columbus	42.69328	-75.34506	Lobdell No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4417'-4511'	107	11692-CO	4.5	4.5
31-023-04714	New York	Cortland	Freetown	42.51847	-76.00093	Clough No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	6920'-6958'	217	11693-CO	4.5	4.5
31-023-21500	New York	Cortland	Taylor	42.63903	-75.91361	NYSRT No. 6#1	Trenton Group	late Middle -Late Ordovician	cuttings	6290'-6450'	26	11694-CO	4	4.5
31-029-03917	New York	Erie	Tonawanda	43.00044	-78.82458	Fee No. 2	Trenton Group	late Middle -Late Ordovician	cuttings	2492'-2572'	204	11695-CO	2	2
31-029-11002	New York	Erie	Sardinia	42.55748	-78.53568	Brown No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	5340'-5450'	115	11696-CO	2.5	2.5
31-037-9524	New York	Genesee	Alexander	42.90003	-78.24422	Buckenmeyer No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	3385'-3500'	31	11697-CO	2.5	2.5
31-037-13672	New York	Genesee	Leroy	42.99354	-77.95185	Fee No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	3230'-3300'	138	11698-CO	2.5	2.5
31-051-04069	New York	Livingston	York	42.87157	-77.93213	MacDonald No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4031'-4117'	140	11699-CO	2.5	2.5
31-051-13700	New York	Livingston	Mount Morris	42.69719	-77.89195	Hill's No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4710'-4970'	156	11700-CO	2.5	2.5
31-053-03970	New York	Madison	Lebanon	42.8048	-75.65048	Branagan No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4568'-4695'	105	11701-CO	4.5	4.5
31-053-04032	New York	Madison	Brookfield	42.7963	-75.40464	Danisevich No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4042'-4100'	120	11702-CO	4	4
31-055-00672	New York	Monroe	Brighton	43.17023	-77.61864	Rochester Deep Well	Trenton Group	Middle Ordovician	cuttings	2200'-2610'	121	11703-CO	2.5	2.5
31-055-10921	New York	Monroe	Hamilin	43.33336	-77.9529	Kerberle No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	1240' - 1300'	196	11704-CO	2	2
31-063-06667	New York	Niagara	Royalton	43.2075	-78.465	FMC Fee No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	2020'-2230'	121	11705-CO	2	2
31-063-06669	New York	Niagara	Niagara	43.07993	-79.00674	Hooker Fee No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	2400'-2470'	129	11706-CO	2	2
31-067-00886	New York	Onondaga	Camillus	43.01886	-76.30389	Munroe No. 1	Trenton Group	Middle or Late Ordovician	cuttings	3376'-3451'	100	11707-CO	4	4
31-067-12163	New York	Onondaga	Marcellus	42.93688	-76.34586	Harrison No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4120'-4180'	151	11708-CO	4.5	4.5
31-069-04760	New York	Ontario	Farmington	42.98944	-77.27984	Wyman No.1	Trenton Group	late Middle -Late Ordovician	cuttings	2970'-3640'	44	11709-CO	2	2
31-069-06395	New York	Ontario	Gorham	42.81262	-77.20285	Frankish No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4350'-5010'	77	11710-CO	3.5	3.5
31-073-04611	New York	Orleans	Barre	43.19091	-78.25826	Kelley No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	2321'-2406'	174	11711-CO	2	2
31-073-04873	New York	Orleans	Carlton	43.36272	-78.30504	Green No. 1	Trenton Group	late Middle Ordovician	cuttings	1420'-1570'	164	11712-CO	2	2
31-097-19692	New York	Schuyler	Reading	42.43251	-76.97039	Perigo No.21578	Trenton Group	late Middle -Late Ordovician	cuttings	7150'-7440'	92	11713-CO	4	4
31-099-04203	New York	Seneca	Fayette	42.8762	-76.85854	Schafer No. 2	Trenton Group	late Middle -Late Ordovician	cuttings	4000'-4440'	76	11714-CO	4.5	4.5
31-099-10893	New York	Seneca	Waterloo	42.94114	-76.87669	Kinney No. 1	Trenton Group	Middle or Late Ordovician	cuttings	3200'-3700'	96	11715-CO	4.5	4.5

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31-101-03924	New York	Stueben	Woodhull	42.0631	-77.4306	Olin No. 1	Trenton Group	Middle or Late Ordovician	cuttings	9785'-10300'	59	11716-CO	4.5	4.5
31-101-13699	New York	Stueben	Wheeler	42.5372	-77.2157	Columbia NYS Reforestation No. 6	Trenton Group	Middle or Late Ordovician	cuttings	7990'-8100'	680	11717-CO	3.5	4
31-101-21468	New York	Stueben	Avoca	42.41958	-77.45354	Avoca No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	7570'-7620'	143	11718-CO	3.5	3.5
31-109-04130	New York	Tompkins	Enfield	42.44211	-76.5928	Grund No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	7400'-7700'	64	11719-CO	4.5	4.5
31-109-04467	New York	Tompkins	Newfield	42.38417	-76.54083	Richardson Fee No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	7620'-7770'	24	11720-CO	4	4
31-117-05116	New York	Wayne	Arcadia	43.15198	-77.0698	Hammond No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	2590'-2630'	141	11721-CO	2	2
31-121-13278	New York	Wyoming	Arcade	42.53465	-78.39469	George No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	5870'-5970'	166	11722-CO	2.5	2.5
31-121-22042	New York	Wyoming	Middlebury	42.82192	-78.09957	Titus Brothers. No. 1	Trenton Group	late Middle -Late Ordovician	cuttings	4170'-4210'	142	11723-CO	2.5	2.5