

Dates Spectral Data Collected

8-29-78	9-12-78
8-31-78	9-14-78
9-02-78	9-15-78
9-05-78	10-20-78
9-07-78	3-01-79
9-08-78	4-12-79

LARSPEC Identification Record Codes

1. Experimenter Parameters

Experimenter parameter 01: Code for soil See Table 5.

Table 5. Description of Experimenter Parameter 1 Code

Experiment Parameter 01 Value(s)	Soil Series	State	County
001, 002	Abbot	Utah	Millard
003, 004	(none)	-	-
005, 006	Absarokee	Montana	Yellowstone
007, 008	Acton	New Hampshire	Hillsboro
009, 010	Acuff	Texas	Lubbock
011, 012	Adams	New York	Lewis
013, 014	(none)	-	-
015, 016	Agawam	Massachusetts	Hampden
017, 018	Alford	Indiana	Knox
019, 020	Alliance	Nebraska	Dawes
021, 022	Amarillo	Texas	Lamb
023, 024	Angelica	Michigan	Delta
025, 026	Anoka	Minnesota	Isanti
027, 028	Antigo	Wisconsin	Langlade
029, 030	Apishapa	Colorado	Crowley
031, 032	Appian	Nevada	Churchill
033, 034	Appling	North Carolina	Alamance
035, 036	Astoria	Oregon	Tillamook
037, 038	Basinger	Florida	Pasco
039, 040	Beota	South Dakota	Brown
041, 042	Berkshire	Massachusetts	Franklin
043, 044	Bethany	Oklahoma	Oklahoma
045, 046	Betts	South Dakota	Davison
047, 048	Bitterspring	Nevada	Clark
049, 050	Blackhawk	Nevada	Pershing
051, 052	Blacklock	Oregon	Curry
053, 054	Blakeland	Colorado	Douglas
055, 056	Bloor	Nevada	Humboldt
057, 058	Bodine	Tennessee	Humphreys
059, 060	Boyd	South Dakota	Gregory
061, 062	Brackett	Texas	Bell
063, 064	Brenner	Oregon	Tillamook
065, 066	Bresser	Colorado	Arapahoe
067, 068	Buse	Minnesota	Ottertail
069, 070	Calhoun	Louisiana	East Baton Rouge
071, 072	Calico	Nevada	Clark
073, 074	Campia	Wisconsin	Polk
075, 076	Canadian	Oklahoma	Oklahoma
077, 078	Canfield	Ohio	Wayne
079, 080	Canisteo	Minnesota	Steele
081, 082	Caribou	Maine	Aroostook
083, 084	Carson	Nevada	Churchill
085, 086	(none)	-	-
087, 088	Cecil	North Carolina	Catawba
089, 090	Charlton	Connecticut	New Haven

Table 5. Description of Experimenter Parameter 1 Code con't.

Experiment Parameter 01 Value(s)	Soil Series	State	County
091, 092	Chinook	Montana	Hill
093, 094	Cincinnati	Ohio	Highland
095, 096	Clareville	Texas	Jim Wells
097, 098	Colby	Kansas	Hamilton
099, 100	(none)	-	-
101, 102	Commerce	Louisiana	Tensas
103, 104	Continental	Arizona	Santa Cruz
105, 106	Cordova	Minnesota	Waseca
107, 108	Cormant	Minnesota	Lake of the Woods
109, 110	Cortez	Nevada	Elko, Eureka
111, 112	Craven	North Carolina	Craven
113, 114	Crofton	Nebraska	Thurston
115, 116	Cumberland	Tennessee	Rutherford
117, 118	Cushing	Wisconsin	Polk
119, 120	Darnell	Oklahoma	Payne
121, 122	Denton	Texas	Coryell
123, 124	Dia	Nevada	Churchill
125, 126	Dickson	Tennessee	Coffee
127, 128	Dill	Oklahoma	Walshita
129, 130	Divide	North Dakota	Wells
131, 132	Door	Indiana	Porter
133, 134	Dougherty	Oklahoma	Payne
135, 136	Downs	Iowa	Clayton
137, 138	Drummer	Illinois	Champaign
139, 140	Dubuque	Iowa	Dubuque
141, 142	Duffield	Pennsylvania	Lancaster
143, 144	Edgemont	Pennsylvania	Lancaster
145, 146	Ekalaka Desert	North Dakota	Bowman
147, 148	(none)	-	-
149, 150	Elliber	Pennsylvania	Perry
151, 152	Elloam	Montana	Hill
153, 154	Elrose	Texas	Anderson
155, 156	Emmet	Michigan	Emmett
157, 158	Enders	Arkansas	Franklin
159, 160	Ethridge	Montana	Liberty
161, 162	Exline	South Dakota	Brown
163, 164	Fenwood	Wisconsin	Marathon
165, 166	Flanagan	Illinois	Champaign
167, 168	Flom	Minnesota	Stevens
169, 170	Foard	Oklahoma	Cotton
171, 172	Fondis	Colorado	Arapahoe
173, 174	Fordville	South Dakota	Codington
175, 176	Fortwingate	New Mexico	McKinley
177, 178	Fox	Wisconsin	Ozaukee
179, 180	Frederick	Virginia	Rockingham
181, 182	Frio	Texas	Coryell
183, 184	Genesee	Indiana	Fayette

Table 5. Description of Experiment Parameter 1 Code, con't.

Experiment Parameter 01 Value(s)	Soil Series	State	County
185, 186	Gibbon	Nebraska	Webster
187, 188	Gila	Arizona	Graham
189, 190	Glenberg	Colorado	Crowley
191, 192	Glencoe	Minnesota	Steele
193, 194	Glendale	Arizona	Graham
195, 196	Goessel	Kansas	McPherson
197, 198	Goodman	Wisconsin	Price
199, 200	Grayling	Michigan	Delta
201, 202	Greenough	Montana	Missoula
203, 204	Grenada	Mississippi	Grenada
205, 206	Grygla	Minnesota	Kittson
207, 208	Hadley	Massachusetts	Hampshire
209, 210	Harding	Utah	Millard
211, 212	Hastings	Nebraska	Clay
213, 214	Haverson	Colorado	Powers
215, 216	Hayden	Minnesota	Rice
217, 218	Haymond	Indiana	Clark
219, 220	Haynie	Iowa	Monona
221, 222	Hebo	Oregon	Tillamook
223, 224	Hedville	Kansas	Cloud
225, 226	(none)	-	-
227, 228	Hidalgo	Texas	Hidalgo
229, 230	Hillsdale	Michigan	Jackson
231, 232	Hinckley	Massachusetts	Worcester
233, 234	Hodgins	Texas	Pecos
235, 236	Hollis	Connecticut	Tollan
237, 238	Holly	Ohio	Summit
239, 240	Hord	Nebraska	Buffalo
241, 242	Humboldt	Nevada	Valmy
243, 244	Ida	Iowa	Crawford
245, 246	Indian Creek	Nevada	Douglass
247, 248	Iron River	Michigan	Baraga
249, 250	Irwin	Kansas	Geary
251, 252	Iva	Indiana	Vigo
253, 254	Jal	New Mexico	Lea
255, 256	Jansen	Nebraska	Holt
257, 258	Joplin	Montana	Toole
259, 260	Keene	Ohio	Tuscarawas
261, 262	Keiser	Montana	Yellowstone
263, 264	Kenner	Louisiana	Jefferson
265, 266	Kilwinning	Missouri	Scotland
267, 268	Kimbrough	New Mexico	Lea
269, 270	Kirvin	Texas	Smith
271, 272	Kornman	Colorado	Prowers
273, 274	Kutch	Colorado	Elbert

Table 5. Description of Experiment Parameter 1 Code con't.

Experiment Parameter 01 Value(s)	Soil Series	State	County
369, 370	Pirouette	Nevada	Churchill
371, 372	Placeritos	Nevada	Pershing
373, 374	Plaisted	Maine	Aroostook
375, 376	Pompano	Florida	Lee
377, 378	Ponzer	North Carolina	Hyde
379, 380	Port	Oklahoma	Grady
381, 382	Portales	New Mexico	Roosevelt
383, 384	Pratt	Kansas	Pratt
385, 386	Rains	South Carolina	Florence
387, 388	Reagan	Texas	Upton
389, 390	Red Bay	Alabama	Houston
391, 392	Redby	Minnesota	Kittson
393, 394	Renfrow	Oklahoma	Hay
395, 396	Reno	Nevada	Douglass
397, 398	Renshaw	South Dakota	Codington
399, 400	Richfield	Kansas	Grant
401, 402	Ridgebury	Massachusetts	Hampden
403, 404	Ridgeville	Illinois	Iroquios
405, 406	Rifle	Michigan	Delta
407, 408	Rilla	Louisiana	Ouachita
409, 410	Rio King	Nevada	Rio King
411, 412	Rocky Ford	Colorado	Prowers
413, 414	Roliss	Minnesota	Grant
415, 416	Russell	Indiana	Decatur
417, 418	Ruston	Louisiana	Union
419, 420	Ryepatch	Nevada	Pershing
421, 422	Sac	Iowa	Clay
423, 424	Saffell	Arkansas	Ouachita
425, 426	Sarita	Texas	Hidalgo
427, 428	Sherm	Texas	Sherman
429, 430	Sonoma	Nevada	Pershing
431, 432	St. Paul	Oklahoma	Roger Mills
433, 434	Stickney	South Dakota	Davison
435, 436	Sudbury	Massachusetts	Essex
437, 438	Superstition	Arizona	Yuma
439, 440	Susquehanna	Mississippi	George
441, 442	Svea	North Dakota	La Moure
443, 444	Talbott	Tennessee	Rutherford
445, 446	Tarkio	Montana	Missoula
447, 448	Tarrant	Texas	Menard
449, 450	Taylor	Minnesota	Lake-of-the Woods
451, 452	Terra Ceia	Florida	Palm Beach
453, 454	Tetonka	South Dakota	Davison
455, 456	Toiyabe	Nevada	Douglass

Table 5. Description of Experimenter Parameter 1 Code con't.

Experiment Parameter 01 Value(s)	Soil Series	State	County
275, 276	La Jara	Colorado	Alamosa
277, 278	Lancaster	Kansas	Saline
279, 280	Land	Nevada	Clark
281, 282	Langhei	Minnesota	Pope
283, 284	Leon	Florida	Bay
285, 286	Lihen	Montana	Roosevelt
287, 288	Linker	Arkansas	Pope
289, 290	Loup	Nebraska	Thomas
291, 292	Lovelock	Nevada	Pershing
283, 294	Marias	Montana	Valley
295, 296	McCarran	Nevada	Clark
297, 298	Meclenburg	North Carolina	Cabarrus
299, 300	Midland	Louisiana	Acadia
301, 302	(none)	-	-
303, 304	Minnequa	Colorado	Prowers
305, 306	Monona	Iowa	Harrison
307, 308	Montell	Texas	Kinney
309, 310	Morman Mesa	Nevado	Clark
311, 312	Mosca	Colorado	Alamosa
313, 314	Mottsville	Nevada	Douglas
315, 316	Mountview	Tennessee	Coffee
317, 318	Munising	Michigan	Baraga
319, 320	Murrill	West Virginia	Munroe
321, 322	Myakka	Florida	Lee
323, 324	Nehalem	Oregon	Tillamook
325, 326	Newark	Kentucky	Daviess
327, 328	Newtonia	Oklahoma	Tulsa
329, 330	Nicollet	Minnesota	Martin
331, 332	Ninch	Nevada	Humboldt
333, 334	Ninigret	Connecticut	New London
335, 336	Norwich	New York	Chenango
337, 338	Ocilla	Georgia	Irwin
339, 340	Onaway	Michigan	Delta
341, 342	Ontonagon	Michigan	Ontonagon
343, 344	Ophir	Nevada	Douglas
345, 346	Orford	Oregon	Curry
347, 348	Ormsby	Nevada	Douglas
349, 350	Overton	Nevada	Clark
351, 352	Pacolet	South Carolina	Sportanburg
353, 354	Palisade	Utah	Millard
355, 356	Paola	Florida	Martin
357, 358	Patricia	Texas	Lynn
359, 360	Peever	South Dakota	Roberts
361, 362	Pence	Wisconsin	Florence
363, 364	Pharo	Utah	Millard
365, 366	Pickford	Michigan	Chippewa
367, 368	Pima	Arizona	Santa Cruz

Table 5. Description of Experimenter Parameter 1 Code

Experiment Parameter 01 Value(s)	Soil Series	State	County
457, 458	Tonka	North Dakota	Ransom
459, 460	Toquop	Nevada	Clark
461, 462	Trinity	Texas	Kaufman
463, 464	Triomas	Texas	Andrews
465, 466	Turria	Nevada	Douglas
467, 468	Tuthill	South Dakota	Todd
469, 470	Union	Missouri	Moniteau
471, 472	Uvalde	Texas	Zavala
473, 474	Valmy	Nevada	Humboldt
475, 476	Vasquez	Colorado	Boulder
477, 478	Verdigras	Kansas	Montgomery
479, 480	Victoria	Texas	Nueces
481, 482	Vilas	Wisconsin	Bayfield
483, 484	Virgin River	Nevada	Clark
485, 486	Vona	Colorado	Morgan
487, 488	Wabasso	Florida	Hernando
489, 490	Wagram	North Carolina	Scotland
491, 492	Warba	Minnesota	Cass
493, 494	Waukee	Iowa	Howard
495, 496	White House	Arizona	Santa Cruz
497, 498	Whitley	Kentucky	Laural
499, 500	Wiley	Colorado	Prowers
501, 502	Willacy	Texas	Cameron
503, 504	Windthorst	Texas	Parker
505, 506	Winooski	Massachusetts	Franklin
507, 508	Zaneis	Oklahoma	Oklahoma
509 - 520	(See next page)	-	-
521, 522	Chalmers	Indiana	Tippecanoe
523, 524	?	-	-
525,	Cecil	North Carolina	Catawba
526	Fincastle	Indiana	Tippecanoe
527, 528	Brookston	Indiana	Tippecanoe
529 - 532	Martinsville	Indiana	Tippecanoe
533	Montmorenci	Indiana	?
534, 535	Morely	Indiana	?
536 - 543	Russell		Tippecanoe
544 - 551	Corwin		Tippecanoe
552 - 559	Russell		Tippecanoe
560 - 567	Corwin		Tippecanoe
568, 569	Fincastle		Tippecanoe

Table 5. Description of Experimenter Parameter 1 Code

Experiment Parameter 01 Value(s)	Soil Series	State	County
570 - 598	(See next page)	-	-
599	Williams	?	?
600 - 619	Fincastle	Indiana	Tippecanoe
620 - 699	(none)	-	-
700	...Kaolinite clay...		
701	...Bentonite clay...		

Table 5. Description of Experimenter Parameter 1 Code (con't.)

Soils from outside of United States

Experimenter Parameter 01 Value(s)	Location
509, 510	Near Municipio of Cascavel, Brazil
511, 512	Near Municipio of Pato Branco, Brazil
513, 514	Near Municipio of Guarapuava, Brazil
515, 516	Near Municipio of Londrina, Brazil
570	Jordan-J2
571	Jordan-J3
572	Jordan-J4
573	Jordan-J13
574	Sudan-005
575	Sudan-006
576	Sudan-010
577	Sudan-011A
578	Sudan-011B
579	Sudan-012
580	Sudan-013
581	Sudan-018
582	Sudan-022
583	Sudan-024
584	Sudan-029
585	Spain-3
586	Spain-7
587	Spain-8
588	Spain-18
589	Spain-24
590	Spain-26
591	Spain-27
592	Spain-28
593	Spain-32
594	Spain-36
595	Spain-E3
596	Spain-E14
597	Spain-E19
598	Spain-E20