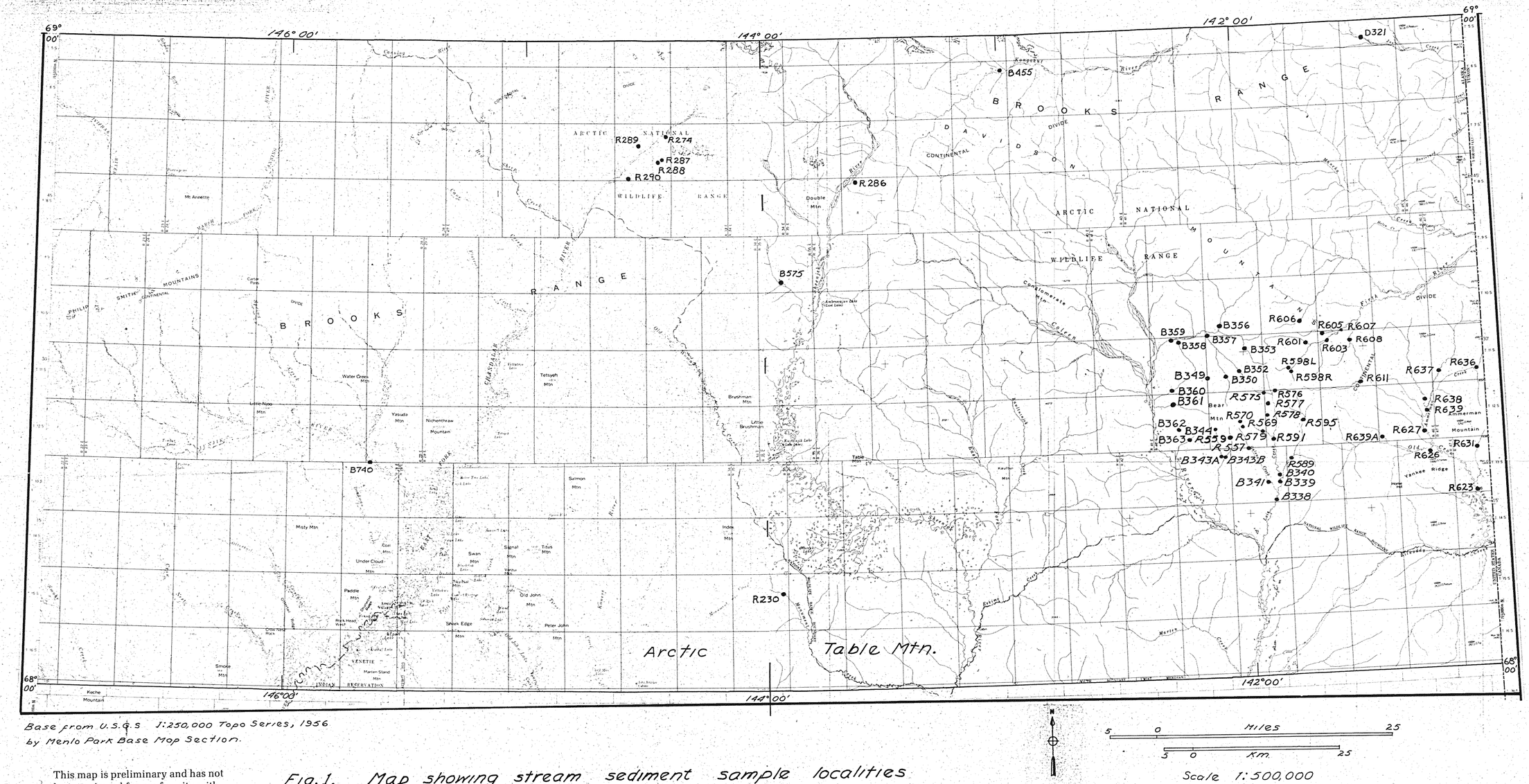
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE MAP
77 – 29



Base from U.S.G.S. 1:250,000 Topo Series, 1956
by Menlo Park Base Map Section.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

Fig. 1. Map showing stream sediment sample localities in Table Mountain and Arctic quadrangles, Alaska.

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1977

O.F. 77-29

Table 1. Analyses of stream sediment samples from Table Mountain and Arctic quadrangles, Alaska.

Sample number	Quad.	Lat North ° ′ ″	Long West ° ′ ″	Fe % (.05)	Mg % (.02)	Ca % (.05)	Ti % (.002)	Mn (10)	Ag (.5)	As (200)	Au (10)	B (10)	Ba (20)	Be (1)	Bi (10)	Cd (20)	Co (5)	Cr (10)	Cu (5)	La (20)	Mo (5)	Nb (10)	Ni (5)	Pb (10)	Sb (100)	Sc (5)	Sn (10)	Sr (50)	V (10)	W (50)	Y (5)	Zn (200)	Zr (10)	AA Au (.02)	AA Ag (.2)	AS (10)	AA Zn (25)	PC U (20)	B-δ eU%	Sample number on map
60ABe 575	T	68 26 15	141 55 05	1.5	.3	10	.2	500	*L	X	X	20	500	*L	L	X	7	100	15	*L	L	X	20	30	*L	10	L	300	70	*L	20	L	150	N	1.6	20	50	X	X	B575
60ABe 740	A	68 21 08	145 38 45	1	.3	15	.15	150	*L	X	X	20	300	*L	L	X	5	100	10	*L	L	X	15	10	*L	*L	L	500	70	*L	10	L	100	N	2.2	10	75	X	X	B740
67ABe 338	T	16 48	141 53 10	7	.7	1	.7	2000	N	N	N	70	500	5	N	N	20	50	20	100	5	100	30	70	N	15	N	100	150	N	50	L	300	L	.5	N	160	N	.003	B338
339		17 56	141 52 25	5	.5	.5	.5	1500	N			50	500	5			10	30	20	100	7	100	30	70		7		100	100	N	30	200	500		.3	N	140	N	.003	B339
340		18 26	141 52 20	7	.7	.7	.7	2000	N			70	500	7			20	50	30	150	5	100	30	100		10		N	150	N	50	300	500		.5	L	180	N	.003	B340
341		17 48	141 54 35	10	1.5	1.5	.7	1500	L			100	500	3			20	70	30	50	N	20	50	100		15		N	150	N	30	200	200		.4	L	160	X	X	B341
343A		20 15	142 06 15	10	1.5	2	1	1500	N			100	500	3			20	70	20	200	200	70	50	150		15		100	150	50	50	300	500		.4	10	240			B343A
343B		20 15	142 05 25	7	1.5	2	1	2000	N			100	500	2			20	70	30	50	N	20	50	200		15	N	100	150	N	30	300	200		.7	L	300			B343B
344		22 55	142 08 00	15	.7	.1	.7	1500	L			100	300	3			10	50	50	150	1000	100	15	200		10	L	N	150	200	30	N	300		.4	20	80			B344
349		27 42	142 08 30	7	.3	.2	.7	1000	L			100	500	3			15	30	100	50	N	20	30	30		10	N	N	150	N	30	N	300		.5	10	100			B349
350		27 48	142 04 40	7	.5	.1	1	1500	N			70	200	2			20	30	30	30		20	30	20		10		N	100		20	L	300		.5	10	100			B350
352		28 20	142 01 25	7	.2	.7	.5	1500	N			70	300	1.5			20	20	15	30		20	20	10		7		N	70		20	N	200		.6	L	170			B352
353		30 27	141 59 50	1.5	.5	15	.15	100	L			30	150	1.5			5	30	10	30		10	20	15		5		100	70		20	N	70		1.0	N	56			B353
356		32 30	142 05 35	3	2	15	.2	300	L			70	200	1			7	50	15	20		10	30	10		5		150	100		15	N	50		1.2	N	90			B356
357		31 48	08 50	5	.3	.3	.7	1500	N			100	300	2			20	30	20	30		20	30	30		10		N	100		50	L	300		.5	L	140			B357
358		31 13	16 00	1.5	.5	1.5	.2	150	L			100	200	1			5	70	10	20		10	20	L		5		N	100		15	L	30		.7	N	130			B358
359		31 20	17 45	3	.7	10	.3	500	L			100	300	2			10	50	20	30		15	30	20		7		100	150		20	L	100		1.0	N	130			B359
360		26 45	17 55	3	.2	.2	.5	1000	L			100	300	2			15	30	20	30		20	20	20		7		N	100		20	L	150		.3	L	120			B360
361		25 25	18 00	5	1	.5	.7	1000	N			100	300	2			15	30	30	20		20	30	70		10		N	150		50	N	500		.5	L	150			B361
362		23 10	17 20	7	1	.2	.7	1000	N			100	500	3			20	50	30	20		20	50	20		15		N	150		30	N	200		.7	20	130			B362
67ABe 363	T	22 05	142 14 20	7	1.5	.3	.7	1500	L			100	500	3	N		20	50	30	30		20	50	200		10		N	150		30	500	300		.4	L	260			B363
67ARR 557	T	21 05	141 59 45	10	2	2	1	1000	N			100	500	3	L		20	70	30	30		20	70	150		15		100	150		30	300	500		.5	N	240			R557
559		22 12	142 04 15	10	2	2	.5	1000	.5			100	500	5	N		20	70	70	50	N	20	50	500		15		100	150		20	300	300		1.2	L	380			R559
569		23 05	142 01 05	10	1.5	2	.7	1500	.5			150	700	3			20	70	150	50	5	20	50	1500		15		100	200		30	700	200		1.0	10	560			R569
570		23 45	142 01 30	15	2	1	1	2000	N			100	500	5			30	150	100	50	N	20	100	300		20		N	200		30	200	300		.7	N	190			R570
575		26 12	141 55 10	7	.5	.2	.5	1500				70	300	5			20	30	120	70	5	30	30	100		10		N	150		30	200	300		.6	L	160	X	X	R575
576		26 18	141 52 30	5	.7	.2	.5	1500				50	300	7			5	20	15	150	15	150	20	100		7		N	100		50	200	700		.4	L	130	N	.004	R576
577		25 18	54 15	10	.7	.15	.7	1500				70	300	3			15	30	30	70	N	50	20	100		10		N	100		30	200	500		.4	L	120	X	X	R577
578		24 12	54 25	7	1	.3	.5	2000				50	500	5			10	30	30	100	10	50	20	100		7		100	100		30	200	500		.6	L	130			R578
579		22 42	55 40	10	1.5	1	.7	2000				100	500	5	N		15	50	70	20	5	20	50	300		10		N	150		30	500	300		.8	30	340			R579
589		20 05	49 20	2	.3	.5	.5	1000				20	500	2	L		7	30	7	100	L	50	15	20		7		N	70		30	N	500		.5	N	140			R589
591		22 04	53 10	2	.3	.3	.3	2000				20	500	5	L		10	30	7	100	L	30	20	30		7		N	70		30	N	200		.5	L	190	X	X	R591
595		23 45	45 25	3	.5	.2	.5	700				10	700	2	L		5	20	3	150	L	100	5	30		7		100	50		50	N	500		.4	N	120	N	.004	R595
598R		28 10	48 00	3	.2	.3	.2	500	N			10	300	1.5	N		L	20	2	70	N	50	7	20		5		N	20		20	N	200		.5	L	120	X	X	R598R
598L		28 15	48 30	2	.2	.5	.2	300	L			30	300	3	N		5	30	3	50		15	10	10		7		N	50		20	N	100		.4	L	110			R598L
601		30 36	44 10	3	.3	.5	.3	500				100	500	L	L		10	150	10	L		10	50	15		10		N	100		20	L	200		.4	L	180			R601
603		30 36	39 15	2	.2	.3	.2	200				50	300	L	N		7	50	3	L		10	20	L		7		N	70		15	N	150		.5	20	150			R603
605		31 22	40 00	2	.5	1.5	.3	300				50	500	L	N		7	150	10	L		10	20	10		7		N	70		20	N	150		.8	N	120			R605
606		32 40	45 20	1	.5	10	.1	200				15	150	L	N		5	50	3	N		L	20	L		5		200	30		10	N	70		.2	N	92			R606
607		31 40	35 15	2	.2	2	.2	300				30	200	1	L		7	50	3	20		15	30	10		7		N	70		20	N	150		.9	20	140			R607
608		30 45	33 15	3	.2	.3	.2	700	L			30	300	1	N		7	30	7	20		15	30	L		7		N	70		15	N	500		.7	L	180			R608
611		26 50	31 15	2	.2	.5	.3	500	N			20	300	L			7	50	5	20	N	20	30	L		7		N	70		20	L	150		1.0	L	200			R611
623		16 10	03 30	2	.2	3	.2	150	L			30	300				7	50	5	L	L	L	20	15		7		70	70		20	N	100		1.5	10	140			R623
626		20 10	14 40	2	.2	2	.2	200				30	300				7	50	3	L	N	10	30	10		7		N	70		15		100		1.0	10	170			R626
627		21 55	15 35	2	.5	2	.3	200				50	300				7	50	5	N		10	30	10		7		N	70		20		100		.6	L	130			R627
631		20 12	03 00	3	.2	1	.3	300				15	300			N	5	20	3	100		10	10	20		7		N	30		20		150		.5	10	88			R631
636		27 25	02 15	1	.2	3	.15	70				15	150	L	L		N	20	3	N		L	10	L		L		N	30		10		100		1.0	N	84			R636
637		27 25	11 25	3	.5	1.5	.3	100				100	500	1	N		10	100	7	L		10	30	10		10		N	100		20		100		.8	N	130			R637
638		24 48	15 08	1.5	.2	3	.2	100	L			30	200	L			5	50	5	N		L	20	L		5		100	50		15		100		.8	L	100			R638
639		23 55	15 10	2	.2	1.5	.2	150	N			50	300	L			7	30	5	L		10	20	L		7		N	70		15		100		.7	L	150			R639
67ARR 639A		21 40	141 26 00	1.5	.2	10	.2	300	L			20	150	L			L	50	3	L		L	15	10		L		N	50		15		70		2.9	N	100			R639A
71ADt 321		58 20	141 26 05	3	1.5	20	.15	200	N			50	150	N			L	100	10	N	N	N	30	L		7		500	70		10		30		X	10	110			D321
71ABe 455		56 40	142 58 50	7	.2	3	.3	700				100	300	1			10	150	50	20	L	L	70	20		15		150	150		20		150	L	X	L	190			B455
72ARR 230	T	08 50	143 26 30	5	.7	.2	.5	1000				50	300	1			20	70	30	20	N	*L	30	20		15		100	100		30		150	*N	*N	10	100			R230
274	A	51 20	144 24 40	3	.7	.07	.3	1000				10	1500	1.5			N	15	10	70	L		5	100		7		*L	50		30		150			10	120			R274
286	T	46 45	143 36 30	5	1.5	10	.3	700				50	300	1			20	100	70	20	L		50	20		10		300	150		20		100			L	130			R286
287	A	49 00	144 26 20	5	1.5	.7	.3	500				30	1500	1			15	30	50	70	N		30	30		15		100	100		30		150			10	130			R287
288		48 55	144 26 30	7	.7	.1	.3	1500				70	500	1.5			20	100	150	50	N		50	50		10		*L	100		20		150			L	120			R288
289		68 50 15	144 31 10	5	.5	.05	.3	1000				50	700	1.5			15	50	20	70	L		30	30		10		*L	70		20		200			20	100			R289
72ARR 290	A	68 47 10	144 34 00	5	1	.2	.3	1000	N	N	N	30	700	2	N	N	20	150	20	70	5	*L	50	100	N	15	N	*L	100	N	50	N	150	*N	*N	60	130	X	X	R290