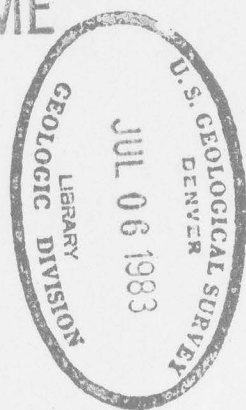


PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME



12609
7672
No. 551-1

TEI 551

BERYL IN NEW HAMPSHIRE PEGMATITES^{1/}

Table 2

FOR OFFICIAL USE ONLY

County	Property	Type of deposit ^{2/}	Size of beryl-bearing deposits (feet)			Shape of deposit	Beryl in rock (percent)	Basis	Size of crystals (inches)	Percent hand-cobbable	Tons of beryl ^{3/} Indicated and Inferred	Percent BeO in beryl	Associated industrial minerals (Not in order of abundance)
			Thickness Range	Av.	Length Depth								
Carroll	Millard Chandler Weeks	Core-margin zone Wall zone	-	-	-	Cylindrical Cylindrical	0.10 .50	Min. meas. ^{4/} Prod. data ^{7/}	Av. 7.37 sq. in. Max. 6 x 23	80 85	17.0 40.0	13.5-13.7	K spar ^{5/} , Na spar ^{6/} , scrap mica. K and Na spar, scrap mica, columbite.
Cheshire	Allen	?	-	-	-	-	-	-	-	-	-	-	K and Na spar, scrap mica.
	Beauregard - Main peg. ^{8/}	Wall zone and core Dumps	-	-	-	Cylindrical	.30 .09	Min. meas. Do	Av. 2.24 sq. in. Av. 2.46 sq. in.	50 50	8.0 4.0	-	K and Na spar, scrap and sheet mica.
	- Other pegs.	Core margin(W ^{9/} ; wall(E) Mainly in core (NE)	-	-	-	Cylindrical	.05	Estimate	Max. 8 x 36 (W) Av. 23.5 sq. in.	50 90	30.0 25.0	-	K spar, sheet and scrap mica, Na spar. Sheet and scrap mica, K and Na spar.
	Big Blister	Core and biotite unit	-	150	400	Lenticular	.02	Min. meas. of local area	Av. 1 sq. in.	15	10.0	-	K and Na spar, scrap mica.
	Britton - N peg.	Core	-	20	40	+ 35 ^{10/}	1.7	Estimate	Max. 13 x 26	80	20.0	-	Na and K spar, scrap mica.
	Burroughs	Dumps	-	-	-	-	-	-	-	-	-	-	Na and K spar, scrap mica.
	Chickering	Border and wall zones Core-margin zone	-	50 10	550 200	+ 30 + 40	.016 .11	Min. meas. of entire peg. Min. meas.	Av. 1.54 sq. in. Av. 10.6 sq. in.	25 75	30.0 10.0	12.4-13.1	K and Na spar, scrap mica. Lith. minerals (minor)
	Colony	Dumps	-	-	-	-	.11	Estimate	-	-	-	-	K and Na spar, scrap mica.
	Cory	Core margin?	-	50	450	+150	.41	Min. meas. of local area	Max. 12 x 36	90	15.0	-	K and Na spar, scrap mica.
	Eames	Core margin?	-	-	-	Cylindrical?	-	Estimate	Max. 6 x 6	-	5.0	-	Sheet mica.
	French	Dumps	-	-	-	-	-	Do	-	-	2.0	-	K and Na spar, scrap mica
	Howe Ledge - N peg.	Wall zone ^{12/}	-	-	-	Cylindrical	.125	Min. meas. of local area	-	-	-	-	Sheet and scrap mica, Na and K spar.
	S peg.	Peg. with BB FC bodies ^{13/}	-	70	500	25	.09	Min. meas.	Av. 3.6 sq. in.	50	27.0	-	Na and K spar, scrap mica.
	Isham	Peg. with BB FC bodies	-	80	400	20	.007	Do	-	50	.5	-	Na and K spar, scrap mica.
	Island	Core margin?	-	-	-	Cylindrical?	Tr	Estimate	Max. 12 x 15	90	-	-	Na and K spar, scrap and sheet mica.
	Kidder	Wall zone (HW) ^{14/}	-	20	30	20	.83	Min. meas.	Av. 14.1 sq. in.	90	18.0	-	Na spar, scrap and sheet mica
	Kirk No. 1	Dumps	-	-	-	-	-	Estimate	-	-	2.0	-	K and Na spar, scrap mica
	Nichols	Disseminated	-	-	-	-	Tr	Do	-	-	-	-	K and Na spar, scrap mica
	Nims	Core	-	-	-	Lenticular	-	Estimate	Max. 12 x 30	-	1.0	-	K and Na spar, sheet and scrap mica.
	Porter, George	Wall and int. ^{15/} zones	-	-	450	100	-	Do	Av. 1 x 1 1/2	20	2.0	-	Sheet and scrap mica, K and Na spar.
	Price	Core	-	8	40	+ 10	.5	Estimate of local area	Max. 1 x 1 1/2	10	1.0	-	Na and K spar, scrap mica.
	Surry Dam	Wall zone	-	5	100	+ 10	.35	Min. meas.	Av. 1.9 sq. in.	30	11.5	-	Na spar, scrap and sheet mica, tantalite reported.
	White, High	Core-margin zone	-	15	40	+ 10	.025	Estimate	Max. 1 x 1 1/2	10	?	-	Na and K spar, scrap and sheet mica.
	White, Jehial	Core?	-	-	-	Lenticular	-	Do	Max. 4 x 12	90	?	-	Na and K spar, scrap mica.
		Peg. with core margin?	-	25	100	+ 20	.2	Min. meas.	Av. 2 x 5	80	8.0	-	K and Na spar, scrap mica.
		Disseminated	2-8	5	100	+ 20	Tr	Estimate	-	-	-	-	Na and K spar, sheet and scrap mica.
Grafton	African	Disseminated	-	-	-	Very irregular	Tr	Do	-	-	-	-	Scrap and sheet mica.
	Alger No. 1	Core or core margin?	-	20	40	+ 20	.25	Do	-	75	8.0	-	K and Na spar, sheet and scrap mica.
	Atwood	Int. zone	-	-	-	Cylindrical	Tr	Do	1-2 x 4-6	-	-	-	Sheet and scrap mica, Na and K spar.
	Bennett	Int. zone	-	-	-	Cylindrical	Tr	Do	Only one 2 x 4 1/2	-	-	-	K and Na spar, scrap and sheet mica.
	Brasley Hill	Core margin (pods)	-	-	-	Lenticular	Tr	Do	Av. 11.5 sq. in.	70	3.0	-	K and Na spar, scrap and sheet mica.
	Burgess	FC bodies	-	4 1/2	28	-	-	Do	Max. 9 x 3	40	2.0	-	K and Na spar, scrap mica.
	Carpenter	Disseminated?	-	-	-	-	Tr	Do	-	-	-	-	K and Na spar, scrap and sheet mica.
	Clement (S)	Disseminated	-	3	85	+ 10	.07	Prod. data	Max. 3 x 8	40	.5	-	K and Na spar, scrap mica.
	Davis, Charles	Core	-	-	-	Lenticular	Tr	Estimate	-	-	-	-	K and Na spar, sheet and scrap mica.
	DeMott	Core-margin and wall zones	-	-	-	Cylindrical	-	Do	-	-	-	-	K and Na spar, scrap and sheet mica.
	Diamond Ledge	Core	-	-	-	Lenticular	-	Do	Max. 12	-	-	-	K and Na spar, scrap mica.
	Eight-ball	Core-margin zone	3-4	-	120	+ 20	-	Do	5 x 4-6	-	2.0	-	Na and K spar, sheet and scrap mica.
	Evans - Main peg.	Dumps	-	-	-	-	-	Do	-	50	3.0	-	Na and K spar, scrap mica.
	Fallows	Core	-	4	100	+ 20	.32	Min. meas.	Max. 11 x 10	90	5.0	-	Na and K spar, scrap mica.
	Fletcher	Core (qtz-rich parts)	2-6	-	-	Lenticular?	Tr	Estimate	Max. 2 x 2 x 8	50	1.0	-	Na and K spar, scrap and sheet mica.
	Ford, Harry	Core-margin	-	-	-	Cylindrical	Tr	Do	-	-	-	-	Scrap mica, Na and K spar.
	Hobart Hill	Int. zone	-	-	-	-	-	Do	-	-	-	-	spodumene (minor).
	Hutchins Hill	Core-margin zone	-	5	10	10	Tr	Do	-	-	-	-	Na and K spar, scrap and sheet mica.
	Keniston	Int. zone	4-60	30	560	+ 20	.01	Do	-	-	5.0	-	K and Na spar, sheet and scrap mica.
	Keyes No. 1	Disseminated	-	-	-	Very irregular	.01	Do	-	-	1.0	-	K and Na spar, scrap and sheet mica.
		Wall zone	3-4	-	240	+ 20	.01	Do	-	-	1.5	-	K and Na spar, scrap and sheet mica.
		Int. zone	1-2	-	Do	Do	.01	Do	Max. 5 x 12	-	.5	-	K and Na spar, sheet and scrap mica.
		Dumps	-	-	-	-	.01	Do	-	-	1.0	-	Na and K spar, scrap mica.
	Keyes No. 2	Core-margin zone	-	-	-	Cylindrical	-	Do	Max. 8 x 20	-	-	-	Na and K spar, scrap mica.
	Kilton	Int. zone	-	-	-	Cylindrical?	-	Do	Max. 2 x 8	-	-	-	Na and K spar, scrap and sheet mica.
	McGinnis	Core-margin zone	-	1	20	+ 20	-	Do	Max. 3 x 12	-	-	-	K and Na spar, sheet and scrap mica.
	Marston	Core? (W)	-	-	-	Lenticular?	-	Do	-	-	-	-	K and Na spar, sheet and scrap mica.
	Mud	Wall zones	-	2	+450	+170	.01	Estimate	-	-	5.0	-	Na and K spar, scrap and sheet mica.
	New Gove	Core (pods)	-	5	Do	Do	.01	Do	-	-	5.0	-	Scrap mica.
	Palermo No. 1	Core-margin zone	10-20	-	300	40	Tr	Do	Max. 1 1/2 x 3	-	-	-	K and Na spar, scrap and sheet mica.
		Dumps	-	-	-	-	1.5	Min. meas.	Av. 7.5 sq. in. on W. wall	95	300.0	13.3-13.5	phosphates.
	Palermo No. 2	Int. zone	-	-	-	-	.02	Estimate	-	-	20.0	-	K and Na spar, scrap and sheet mica.
	Palermo No. 3	Wall zone	-	-	-	Cylindrical	-	Do	-	-	5.0	-	K and Na spar, sheet and scrap mica.
	Rice-Palermo Peg. No. 29	Core (pods)	-	-	-	Lenticular?	-	Do	-	-	1.0	-	K and Na spar, scrap and sheet mica.
	Pattuc	Core	3-4	15	2-12	+ 20	.3	Estimate	Max. 24 x 60	-	30.0	-	K and Na spar, scrap and sheet mica.
	Rogers	Core	-	-	-	Lenticular	.05	Prod. data	-	-	-	-	columbite.
	Ruggles	Core-margin zone	-	-	-	Cylindrical	.05	Estimate	-	-	-	-	K and Na spar, scrap mica.
	Saunders	Core-margin zone	-	-	-	Cylindrical	-	Do	Max. 24 x 60	90	10.0	-	K and Na spar, scrap and sheet mica.
	Smith, E. E. - Upper	Core-margin zone	-	1	+ 40	+ 60	.6	Min. meas.	Max. 4 x 4 x 12	90	8.5	-	K and Na spar, scrap and sheet mica.
	- Middle	Peg. with BB int. zone	-	30	100	+ 20	-	Do	Max. 4 x 14	80	4.5	-	K and Na spar, scrap mica.
	Standard	Wall zone	200-350	-	950	+ 20	.034	Do	Max. 6 x 6	25	10.0	-	Na and K spar, scrap and sheet mica.
	Valencia	Wall zone	-	70	200	+ 10	.01	Estimate	Max. 3	-	-	-	Na and K spar, sheet and scrap mica.
	Wadhams-Tucker	Core	6-10	-	-	Lenticular	.30	Min. meas. of local area	Av. 1.6 sq. in.	30	1.0	-	K and Na spar, scrap and sheet mica.
	West Branch peg.	Core-margin zone	-	-	-	Cylindrical?	.05	Prod. data	Max. 2 x 8	35	20.0	-	Na and K spar, scrap and sheet mica.
	Williams	Disseminated	10-90	-	250	+ 20	.05	Do	-	-	-	-	Na and K spar, scrap and sheet mica.
Merrimack	Bog Mountain	-	-	-	-	-	Tr	Estimate	Max. 1 1/2 x 1 1/2	-	-	-	Scrap mica.
	Currier	Core-margin zone	2-3	-	30	+ 20	-	Do	Max. 3/4 x 3	-	-	-	K and Na spar, scrap mica.
	Danbury	Core-margin zone	-	-	-	Cylindrical	Tr	Estimate	Max. 8 x 4 x 4	-	-	-	K and Na spar, scrap and sheet mica.
	Elkins	Core-margin zone	-	-	-	Cylindrical	Tr	Do	Max. 2 x 5	-	-	-	K and Na spar, scrap and sheet mica.
	Mica Queen (E)	Core-margin zone	-	-	-	Cylindrical	Tr	Do	Av. 2.7 sq. in.	40	-	-	K and Na spar, scrap and sheet mica.
	Pickwick	Peg. with BB wall zone and core	-	80	300	+ 20	.005	Min. meas.	Max. 1 x 2 x 2	-	5.0	-	K and Na spar, scrap and sheet mica.
	Stewart Hill	Core-margin zone	-	-	-	Cylindrical	Tr	Estimate	Max. 1 x 2 x 2	-	-	-	K and Na spar, scrap and sheet mica.
	Wild Meadows	Core-margin and core	-	-	-	Lenticular	Tr	Do	Max. 1/2 x 3 in core	10	-	-	Na and K spar, scrap and sheet mica.
	Wilnot No. 2	Wall and core-margin?	-	-	-	Cylindrical	-	Do	Max. 5 x 8	-	10.0	-	K and Na spar, scrap and sheet mica.
Rockingham	Corson	Core-margin zone	-	-	-	-	.15	Min. meas.	Av. 1.25 sq. in.	25	7.0	-	K and Na spar, scrap mica.
	McGall	Core	-	2	60	20	.74	Do	Av. 19.3 sq. in.	90	3.5	-	K and Na spar, scrap mica.
	McMullan	Wall zone	-	Do	Do	Do	.74	Do	Av. 19.3 sq. in.	90	-	-	K and Na spar, scrap and sheet mica.
	Vatcher	3 pegmatites	-	-	-	Lenticular	.08	Do	Av. 0.14 sq. in.	5	10.0	-	spodumene, columbite.
	No. 4	Peg. with BB core and FC bodies	-	75	400	+ 40	.38	Do	Av. 20.8 sq. in.	75	68.0	-	K and Na spar, scrap and sheet mica.
		Wall and border zones	3-20	-	100	+ 20	.01	Do	Av. 0.9 sq. in.				