

Deep-sea sands - Valloni									
	Q	F	L	Qm	F	Lt	C/Q	P/F	Lv/L
<b>Lamont-Doherty piston cores</b>									
V19-284	0.5	7	92.5	0.5	7	92.5	0	0	0.98
V19-285 (35)	73.2	26.1	0.7	70.272	26.1	3.628	0.04	0.44	0
V19-285 (80)	56.6	40.9	2.5	52.6	40.9	6.5	0.07	0.43	0
V19-286	68.8	28.1	3.1	66.0	28.1	5.9	0.04	0.47	0
V23-15	63.6	26.5	9.9	57.2	26.5	16.3	0.1	0.65	0
V23-8	60	30.2	9.8	58.2	30.2	11.6	0.03	0.69	0
V24-128	19.2	37.8	43	14.6	37.8	47.6	0.24	0.8	1
V24-129	8	35.2	56.8	8.0	35.2	56.8	0	0.86	0.98
V24-131	4.1	41.3	54.6	4.1	41.3	54.6	0	0.93	0.97
V24-137	1.2	53.5	45.3	1.2	53.5	45.3	0	0.99	1
V24-153	0.3	35.2	64.5	0.3	35.2	64.5	0	0.97	1
V24-258	77.6	17	5.4	70.6	17.0	12.4	0.09	0.16	0
V24-260	88.3	9.7	2	83.0	9.7	7.3	0.06	0	0
V27-3	53.2	16.6	30.2	40.4	16.6	43.0	0.24	0.13	0.01
V27-8	47.1	31.8	21.8	42.4	31.8	26.5	0.1	0.3	0
V27-9	89.3	9.5	1.2	86.6	9.5	3.9	0.03	0	0
V27-14	55.8	27.8	16.4	47.4	27.8	24.8	0.15	0.16	0.02
V27-93	64.8	29.1	6.1	61.6	29.1	9.3	0.05	0.28	0
V27-98	50.4	29	20.6	46.4	29.0	24.6	0.08	0.57	0.78
V27-130	86.8	9.4	3.8	77.3	9.4	13.3	0.11	0	0
V28-257 (>100)	0.05	7.6	92.4	0.1	7.6	92.4	0	0	1
V28-257 (100)	0.05	5.9	94.1	0.1	5.9	94.1	0	0	1
V28-258	0.8	5.5	93.7	0.8	5.5	93.7	0	0	1
V28-264	0.2	1	98.8	0.2	1.0	98.8	0	0	1
V28-271	1.7	8.3	90	1.7	8.3	90.0	0	0	0.98
V28-272	13.1	41.6	45.4	7.7	41.6	50.8	0.41	0.73	0.98
V28-273	19.8	46.9	33.3	13.9	46.9	39.2	0.3	0.68	0.95
V28-283	3.8	18.3	77.9	3.8	18.3	77.9	0	0.9	0.99
V28-327	1.9	8.8	89.3	1.9	8.8	89.3	0	0	1
V28-357	54.8	35.4	9.8	45.5	35.4	19.1	0.17	0.47	0
V29-1	2.7	19.7	77.6	2.7	19.7	77.6	0	0.96	1
V29-19	45.1	32.3	22.6	36.1	32.3	31.6	0.2	0.4	0.01
V29-20	64	33.6	2.4	62.7	33.6	3.7	0.02	0.27	0
V29-22	54.4	35.6	10	41.3	35.6	23.1	0.24	0.37	0
RC10-84	1.7	43.9	54.4	1.7	43.9	54.4	0	0.93	0.99
RC10-87	10.1	74.6	15.3	6.9	74.6	18.5	0.32	0.78	0.99
RC12-24	22.5	39.9	37.6	12.6	39.9	47.5	0.44	0.85	0.86
RC12-25	76.6	16.2	7.2	74.3	16.2	9.5	0.03	0.68	0
RC12-41 (100)	7.4	62.8	29.8	7.4	62.8	29.8	0	0.84	0.99
RC12-41 (.146)	5.4	52.6	42	5.4	52.6	42.0	0	0.85	1
RC12-41 (210)	13.9	60.9	25.2	9.3	60.9	29.8	0.3	0.7	1.0
RC12-41 (375)	9.9	59.6	30.5	9.9	59.6	30.5	0.0	0.6	1.0
RC12-44	5.8	63.2	31.0	5.8	63.2	31.0	0.0	0.7	1.0

	Q	F	L	Qm	F	Lt	C/Q	P/F	Lv/L
<b>Lamont-Doherty piston cores</b>									
RC12-242	19.9	47.5	32.6	15.9	47.5	36.6	0.2	0.7	1.0
RC12-243	21.3	47.8	30.9	18.1	47.8	34.1	0.2	0.7	1.0
RC12-245	27.3	46.4	26.3	23.8	46.4	29.8	0.1	0.8	1.0
RC12-368	57.5	34.2	8.3	51.2	34.2	14.6	0.1	0.4	0.0
RC12-371	47.7	49.8	2.5	41.5	49.8	8.7	0.1	0.3	0.0
RC12-374	52.9	37.9	9.2	39.1	37.9	23.0	0.3	0.2	0.0
RC13-220	47.3	50.8	1.9	40.7	50.8	8.5	0.1	0.3	0.0
RC13-222	62.5	36.1	1.4	54.4	36.1	9.5	0.1	0.3	0.0
RC14-114	0.1	9.4	90.6	0.1	9.4	90.6	0.0	0.0	1.0
RC14-117	6.6	38.5	54.9	6.6	38.5	54.9	0.0	0.9	1.0
RC14-122	22.3	41.7	36.0	15.8	41.7	42.5	0.3	0.8	0.9
RC14-123	13.3	42.6	44.1	10.2	42.6	47.2	0.2	0.8	0.8
RC14-132	11.8	31.7	56.5	7.3	31.7	61.0	0.4	0.8	0.9
RC14-134	22.9	29.3	47.8	14.0	29.3	56.7	0.4	0.7	0.8
RC14-141	2.3	28.7	69.0	2.3	28.7	69.0	0.0	0.9	1.0
RC14-151	0.1	19.7	80.3	0.1	19.7	80.3	0.0	1.0	1.0
RG14-154	43.0	46.5	10.5	31.0	46.5	22.5	0.3	0.5	0.5
RC14-160	36.3	46.2	17.5	22.5	46.2	31.3	0.4	0.4	0.2
RC15-2	30.0	24.7	45.3	23.4	24.7	51.9	0.2	0.6	1.0
RC15-26	20.6	22.3	57.1	15.0	22.3	62.7	0.3	0.7	1.0
RC15-67	25.0	29.2	45.8	22.0	29.2	48.8	0.1	0.4	0.9
RC15-77	28.0	31.8	40.2	24.6	31.8	43.6	0.1	0.4	1.0
RC15-79	76.1	19.1	4.8	67.0	19.1	13.9	0.1	0.1	0.0
RC15-128	11.8	43.7	45.4	7.1	43.7	50.1	0.4	0.5	1.0
RC15-129	19.0	41.2	39.8	13.5	41.2	45.3	0.3	0.6	1.0
RC15-132	15.6	48.1	36.3	7.6	48.1	44.3	0.5	0.5	1.0
<b>DSDP Samples</b>									
87-1-2	18.3	57.8	23.9	13.5	57.8	28.7	0.26	0.67	0.89
118-2-6	75.5	20.5	4	67.2	20.5	12.3	0.11	0.21	0
131A-4-2-(10-11)	83.1	11.8	5.1	70.6	11.8	17.6	0.15	0.45	0
131A-4-2(78-79)	81.9	17	1.1	73.7	17.0	9.3	0.1	0.25	0
131A-5-2	63.2	27.7	9.1	60.7	27.7	11.6	0.04	0.27	0
173-11-3	30.2	8	61.8	13.3	8.0	78.7	0.56	0	0
174A-16-3	26.5	55.9	17.6	23.3	55.9	20.8	0.12	0.7	0.52
191-14-2-(77-78)	5.3	38.9	55.8	5.3	38.9	55.8	0	0.76	0.99
191-14-2-(118-119)	10.9	27.8	61.3	8.9	27.8	63.3	0.18	0.64	0.91
299-16-4	16.50	27.01	56.48	12.7	27.0	60.3	0.23	0.7	0.9

Valloni, R. and Maynard, J.B., 1981

Detrital modes of recent deep sea sands and their relation to tectonic setting: a first approximation.  
*Sedimentology*, 28(1), pp.75-83.A61

Maynard, J.B., Valloni, R. and Yu, H.S., 1982.

Composition of modern deep-sea sands from arc-related basins.  
*Geological Society, London, Special Publications*, 10(1), pp.551-561.

	Q	F	R	Sand Type	Basin Type
<b>Lamont-Doherty piston cores</b>					
V19-284	0.5	5	94.5	Vv	TE
V19-285 (35)	72.3	25.4	2.3	F	TE
V19-285 (80)	53.9	40.1	6	F	TE
V19-286	66.8	27.8	5.4	F	TE
V23-15	58.9	24.3	16.8	F	TE
V23-8	57.8	27	15.2	F	TE
V24-128	14.4	31.7	53.9	Vp	BA
V24-129	6.5	29.9	63.6	Vp	BA
V24-131	2.4	35.7	61.9	Vp	BA
V24-137	0.8	36.6	62.6	Vp	BA
V24-153	0.05	21.8	78.2	Vp	FA
V24-258	72.9	16.4	10.7	Q	TE
V24-260	84.3	9.6	6.1	Q	TE
V27-3	47	15.7	37.3	Lk	TE
V27-8	42.4	31.7	25.9	Lk	TE
V27-9	88.7	9.4	1.9	Q	TE
V27-14	48.5	27.5	24	Lk	TE
V27-93	61.7	24.5	13.8	F	TE
V27-98	48	23.7	28.3	Lp	TE
V27-130	81.5	8.1	10.4	Q	TE
V28-257 (>100)	0.05	3.2	96.8	Vv	FA
V28-257 (100)	0.05	2.3	97.7	Vv	FA
V28-258	0.8	4.4	94.8	Vv	FA
V28-264	0.2	1	98.8	Vv	BA
V28-271	1	6.7	92.3	Vv	BA
V28-272	7.7	38.8	53.5	Vk	BA
V28-273	10.6	40	49.4	Vk	BA
V28-283	2.6	15.7	81.7	Vv	FA
V28-327	0.9	8.8	90.3	Vv	BA
V28-357	48.2	30.5	21.3	F	CA
V29-1	0.05	19.7	80.3	Vv	CA
V29-19	38.1	28.2	33.7	Lk	TE
V29-20	63	33	4	F	TE
V29-22	44.7	29.9	25.4	Lk	TE
RC10-84	0.6	31.8	67.6	Vp	CA
RC10-87	6.9	69.7	23.4	Vk	CA
RC12-24	14.7	36.8	48.5	Lp	BA
RC12-25	74.5	14.5	11	Q	BA
RC12-41 (100)	5.9	54.1	40	Vp	CA
RC12-41 (146)	3.3	46.3	50.4	Vp	CA
RC12-41 (210)	10.0	53.4	36.6	Vk	CA
RC12-41 (375)	6.5	54.9	38.6	Vk	CA
RC12-44	3.5	52.9	43.6	Vk	SS

	Q	F	R	Sand Type	Basin Type
<b>Lamont-Doherty piston cores</b>					
RC12-242	15.9	44.4	39.7	Vk	BA
RC12-243	18.0	42.4	39.6	Vk	BA
RC12-245	23.7	38.2	38.1	Vk	BA
RC12-368	51.7	31.9	16.4	F	TE
RC12-371	41.4	47.6	11.0	F	TE
RC12-374	39.4	37.0	23.6	F	BA
RC13-220	40.5	47.9	11.6	F	TE
RC13-222	54.6	33.8	11.6	F	TE
RC14-114	0.1	9.0	91.0	Vv	FA
RC14-117	3.9	26.2	89.9	Vp	BA
RC14-122	17.8	37.3	44.9	Vk	BA
RC14-123	10.3	39.1	50.6	Lp	BA
RC14-132	5.2	26.5	68.3	Vk	BA
RC14-134	11.3	27.0	61.7	Lp	BA
RC14-141	0.8	19.0	80.2	Vp	BA
RC14-151	0.1	14.6	85.4	Vv	FA
RG14-154	31.6	41.2	27.2	Lp	LE
RC14-160	22.6	41.4	36.0	Lk	LE
RC15-2	23.5	21.3	55.2	Vk	LE
RC15-26	15.1	17.9	67.0	Vk	FA
RC15-67	22.0	26.2	51.8	Vk	TE
RC15-77	24.6	29.7	45.7	Vk	CA
RC15-79	72.8	16.9	10.3	Q	TE
RC15-128	6.9	38.8	54.3	Vk	BA
RC15-129	13.5	34.3	52.2	Vk	BA
RC15-132	6.3	41.7	52.0	Vk	BA
<b>DSDP Samples</b>					
87-1-2	13.5	49.8	36.7	Vk	TE
118-2-6	71.2	20.5	8.3	Q	TE
131A-4-2-(10-11	78.1	10	11.9	Q	TE
131A-4-2(78-79)	79.8	16.5	3.7	Q	TE
131A-5-2	62.8	27.3	9.9	F	TE
173-11-3	16.4	8	75.6	Lk	SS
174A-16-3	23.5	52.1	24.4	Lp	SS
191-14-2-(77-78)	3	36.9	60.1	Vk	BA
191-14-2-(118-11	8.9	25.2	65.9	Vk	BA
299-16-4	12.8	23.5	63.7	Vk	BA

Cascade sand petrology

		Q	F	L	Px-Am-Bt
Mt Rainier sands					
<b>SC4456</b>	Nisqually R	1	22.5	74	2.5
<b>SC4480</b>	<b>Tahoma Cr</b>	1	34	57.5	7.5
<b>SC4481</b>	Mashel R	2	28	66.5	3.5
<b>SC4482</b>	Kapowsin Cr	3	31	61.5	4.5
<b>SC4483</b>	Puyallup R	1.5	25	67.5	6
<b>SC4484</b>	Brooks Cr	0.5	30.5	65.5	3.5
<b>SC4485</b>	Carbon R	3	38	55	4
<b>sc4486</b>	S Prairie Cr	3	28.5	66.5	2
<b>SC4487</b>	White R	0.5	25	68.5	6
SC4488	W Twin Cr	3	19	75	3
<b>SC4489</b>	<b>White R</b>	0.5	31.5	64.5	3.5
<b>SC4492</b>	White R	1	30	66.5	2.5
SC4490	Nisqually R				
SC4491	Puyallup R				
Hood1	Bull Run	1	40	59	
<b>Hood3</b>	Zig-Zag R	2	47	44	7
<b>Hood4</b>	Sandy R	3	37	39	21
<b>Hood5</b>	Polalie Cr	1	47	33	19
<b>Hood6</b>	E Fork Hood R	0.5	45.5	40	14
<b>Helens1</b>	Skookumchuck	4	33	59	4
<b>Helens2</b>	Toutle down	2	51	35.5	11.5
<b>Helens3</b>	Toutle up	2.5	48.5	37.5	11.5
<b>Helens4</b>	Lewis R down	1	33.5	56	9.5
<b>Helens5</b>	Toutle R mouth	1	55.5	31	12.5
<b>Helens6</b>	Lahar N Fork Toutle	2	41	49.5	7.5
<b>Helens7</b>	Toutle up	3	49.5	40	7.5
<b>Helens8</b>	S Fork Toutle	1	45	40	14
<b>Helens15</b>	<b>Cowlitz below conf</b>	1	44	37	18
<b>Helens50</b>	Lewis R up	2	37	35	26

Zero values for QFL have been replaced by 0.5 (half the detection limit) to enable log calculations

PAB = pyroxene+amphibole+biotite

	Lfels	Llath	Lmicro	Lvitr
<b>SC4456</b>	29	35	19	17
<b>SC4480</b>	31	40	9	20
<b>SC4481</b>	25	14	18	33
<b>SC4482</b>	26	40	11	23
<b>SC4483</b>	11	55	10	24
<b>SC4484</b>	26	35	16	23
<b>SC4485</b>	21	55	11	13
<b>sc4486</b>	40	30	16	14
<b>SC4487</b>	7	46	9	38
SC4488	17	32	16	35
<b>SC4489</b>	1	1	47	51
<b>SC4492</b>	39	18	22	21
SC4490				
SC4491				
Hood1		32	20	48
<b>Hood3</b>	40	19	26	15
<b>Hood4</b>	26	24	20	30
<b>Hood5</b>	32	21	22	25
<b>Hood6</b>	38	30	22	10
<b>Helens1</b>	20	12	28	40
<b>Helens2</b>	37	18	21	24
<b>Helens3</b>	38	17	23	22
<b>Helens4</b>	45	16	19	20
<b>Helens5</b>	33	13	25	29
<b>Helens6</b>	57	12	5	26
<b>Helens7</b>	38	17	9	36
<b>Helens8</b>	45	14	13	27
<b>Helens15</b>	55	22	3	20
<b>Helens50</b>	40	30	6	24

## Data of Marsaglia and Ingersoll 1992 GSA Bull 104:1637-1649

Site	age	category	n	Q	F	L	Qm	K	P
184	Plioc	BA	8	5	17	78	10	1	89
184	Mioc	BA	5	1	31	68	2	0	98
185	Plioc	BA	2	2	14	84	8	3	89
185	Mioc	BA	1	0	10	90	4	0	96
290	Olig	BA	2	0	4	96	0	0	100
296	Olig	BA	11	0	20	80	2	5	93
299	Quat	BA	9	13	25	62	28	22	50
447	Olig	BA	1	0	1	99	0	0	100
448	Olig	BA	4	0	16	84	2	0	98
450	Mioc	BA	11	0	12	88	1	0	99
451	Mioc	BA	30	0	20	80	2	0	98
453	Plioc	BA	7	1	14	85	5	0	95
457	Quat	BA	2	0	24	76	1	0	99
154	Plioc	CA	10	18	38	44	27	3	70
173	Plioc	CA	1	18	23	59	41	6	53
434	Plioc	CA	2	4	18	78	22	6	72
435	Quat	CA	3	5	49	46	13	0	87
438	Quat	CA	6	5	29	66	13	7	80
438	Plioc	CA	6	4	30	66	12	3	85
438	Mioc	CA	1	6	31	63	16	9	75
440	Quat	CA	5	7	33	60	20	4	76
494	Quat	CA	3	6	39	55	10	6	84
494	Cret	CA	1	2	11	87	12	6	82
497	Quat	CA	1	6	36	58	8	4	88
497	Plioc	CA	1	5	40	55	9	6	85
498	Mioc	CA	1	7	32	61	13	19	68
499	Quat	CA	8	5	41	54	8	4	88
500	Quat	CA	6	6	42	52	12	5	83
565	Plioc	CA	2	0	19	81	2	0	98
566	Mioc	CA	2	4	30	66	10	3	87
567	Quat	CA	3	5	34	61	11	6	83
568	Quat	CA	1	1	27	72	2	2	96
569	Quat	CA	1	1	45	54	3	1	96
569	Mioc	CA	2	9	19	72	16	5	79
570	Quat	CA	3	4	24	72	19	11	70
570	Plioc	CA	1	2	53	45	3	3	94
570	Mioc	CA	2	10	39	51	18	11	71
570	Eoc	CA	2	6	42	52	11	11	78
584	Plioc	CA	1	8	43	49	15	1	84
584	Mioc	CA	2	7	21	72	21	7	72

Site	age	category	n	Q	F	L	Qm	K	P
186	Quat	FA	5	4	22	74	9	2	89
286	Eoc	FA	8	0	27	73	1	0	99
455	Quat	FA	8	0	26	74	0	0	100
458	Mioc	FA	1	0	7	93	3	0	97
459	Mioc	FA	9	0	15	85	2	0	98
459	Olig	FA	2	0	21	79	2	0	98
32	Quat	SS	4	28	40	32	41	12	47
32	Plioc	SS	4	21	35	44	37	10	53
34	Quat	SS	1	24	38	38	37	10	53
34	Plioc	SS	6	20	31	49	38	10	52
174	Quat	SS	22	36	40	24	46	14	40
174	Plioc	SS	3	21	27	52	29	9	62
177	Plioc	SS	15	29	58	13	33	9	58
178	Plioc	SS	9	32	42	26	44	7	49
179	Quat	SS	5	25	40	35	37	10	53
179	Plioc	SS	3	16	28	56	25	8	67
180	Quat	SS	4	43	40	17	51	5	44
181	Quat	SS	4	26	38	36	39	7	54
182	Quat	SS	1	33	38	29	44	8	48
297	Plioc	SS	7	44	26	30	57	12	31
298	Quat	SS	6	33	23	44	52	8	40
486	Quat	SS	7	54	34	12	59	15	26
488	Quat	SS	9	57	37	6	59	14	27
490	Plioc	SS	6	42	39	19	59	12	29
491	Plioc	SS	21	55	40	5	57	13	30
492	Mioc	SS	6	48	47	5	49	17	34
493	Mioc	SS	18	39	52	9	41	25	34
493	Quat	SS	1	48	47	5	49	11	40



## Data of Marsaglia and Ingersoll 1992 GSA Bull 104:1637-1649

		Lm	Lv	Ls	felsitic Lvf	microlitic Lvmi	lathwork Lvl
184 Plioc	BA	5	91	4.00	5.000	83.0	12.0
184 Mioc	BA	0	97	3.00	1.000	47.0	52.0
185 Plioc	BA	1	99	0.25	1.000	92.0	7.0
185 Mioc	BA	0	100	0.25	3.000	95.0	2.0
290 Olig	BA	0	98	2.00	0.250	45.0	55.0
296 Olig	BA	0	100	0.25	0.250	81.0	19.0
299 Quat	BA	7	81	12.00	6.000	87.0	7.0
447 Olig	BA	0	100	0.25	0.250	62.0	38.0
448 Olig	BA	1	98	1.00	1.000	97.0	2.0
450 Mioc	BA	0	100	0.25	2.000	92.0	6.0
451 Mioc	BA	0	99	1.00	1.000	87.0	12.0
453 Plioc	BA	1	99	0.25	1.000	94.0	5.0
457 Quat	BA	1	98	1.00	1.000	82.0	17.0
154 Plioc	CA	7	90	3	1	79	20
173 Plioc	CA	18	11	71	27	20	53
434 Plioc	CA	2	22	76	16	56	28
435 Quat	CA	0	90	10	14	50	36
438 Quat	CA	3	91	6	12	69	19
438 Plioc	CA	3	90	7	9	68	23
438 Mioc	CA	2	95	3	0	86	14
440 Quat	CA	5	82	13	9	59	32
494 Quat	CA	0	100	0	6	81	13
494 Cret	CA	0	99	1	1	87	12
497 Quat	CA	0	100	0	19	77	4
497 Plioc	CA	3	96	1	7	88	5
498 Mioc	CA	5	94	1	34	52	14
499 Quat	CA	1	99	0	15	77	8
500 Quat	CA	1	97	2	7	82	11
565 Plioc	CA	0	100	0	0	100	0
566 Mioc	CA	5	64	31	2	76	22
567 Quat	CA	2	97	1	3	85	12
568 Quat	CA	1	99	0	0	96	4
569 Quat	CA	1	99	0	3	96	1
569 Mioc	CA	1	99	0	13	87	0
570 Quat	CA	0	100	0	8	91	1
570 Plioc	CA	0	100	0	0	100	0
570 Mioc	CA	4	93	3	9	81	10
570 Eoc	CA	6	93	1	3	89	8
584 Plioc	CA	0	96	4	15	45	40
584 Mioc	CA	14	66	20	15	77	8

		Lm	Lv	Ls	felsitic Lv <sub>f</sub>	microlitic Lv <sub>mi</sub>	lathwork Lv <sub>l</sub>	
186	Quat	FA	4	95	1	2	87	11
286	Eoc	FA	0	100	0	0.25	81	19
455	Quat	FA	0	94	6	4	86	10
458	Mioc	FA	0	100	0	4	94	2
459	Mioc	FA	0	100	0	2	94	4
459	Olig	FA	0	100	0	2	94	4
32	Quat	SS	43	28	29	17	19.0	64.0
32	Plioc	SS	38	23	39	18	14.0	68.0
34	Quat	SS	63	15	22	26	16.0	58.0
34	Plioc	SS	35	29	36	11	10.0	79.0
174	Quat	SS	30	47	23	24	46.0	30.0
174	Plioc	SS	25	69	6	10	48.0	42.0
177	Plioc	SS	27	25	48	38	19.0	43.0
178	Plioc	SS	45	19	36	26	20.0	54.0
179	Quat	SS	24	33	43	20	55.0	25.0
179	Plioc	SS	12	70	18	8	47.0	45.0
180	Quat	SS	44	29	27	30	36.0	34.0
181	Quat	SS	41	30	29	22	47.0	31.0
182	Quat	SS	30	23	47	26	26.0	48.0
297	Plioc	SS	31	43	26	33	63.0	4.0
298	Quat	SS	39	38	23	9	70.0	21.0
486	Quat	SS	75	21	4	33	59.0	8.0
488	Quat	SS	62	33	5	32	64.0	4.0
490	Plioc	SS	66	34	0	71	29.0	0.3
491	Plioc	SS	57	41	2	27	66.0	7.0
492	Mioc	SS	60	40	0	50	50.0	0.3
493	Mioc	SS	66	34	0	51	43.0	6.0
493	Quat	SS	22	78	0	0.25	100.0	0.3

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