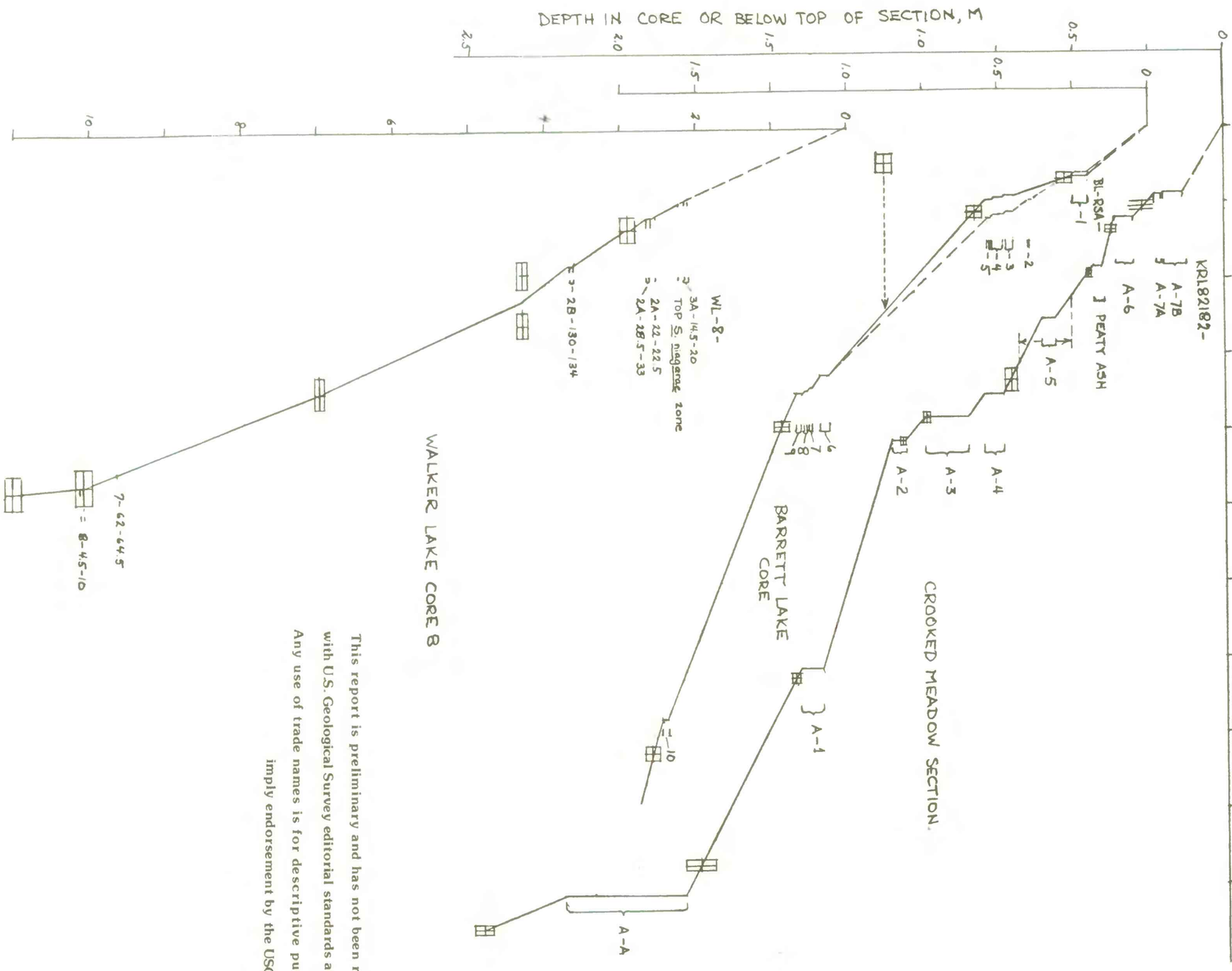

Figure 6

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Table 1 (continued).

Sample number	Depth[1] (m)	Eruptive[2] source	SiO_2	Al_2O_3	Fe_2O_3	MgO	MnO	CaO	TiO_2	Na_2O	K_2O	Total[3]	Comments
Ash layers in the Negit "causeway"(Scrape II)													
KRL71082-F	__	MC?	76.59	13.26	0.86	0.05	0.05	0.71	0.07	3.59	4.82	96.23	Ash bed (= lower Wilson Cr. ash beds, or older?)
KRL71082 (II-3)	__	MM	72.65	14.86	1.27	0.12	0.00	0.49	0.24	5.26	5.11	64.11	Ash bed from Mammoth Mt. (>40; 50-150 Ka)
KRL71082 (II-4)	__	MC?	76.44	13.18	0.88	0.05	0.00	0.70	0.07	3.69	4.98	96.78	Ash bed from Mono Craters? (>40; 50-150 Ka)
KRL71082 (II-5)	__	MM	72.51	14.72	1.33	0.15	0.00	0.59	0.29	5.03	5.38	96.05	Ash bed from Mammoth Mt. (>40; 50-150 Ka)
KRL71082 (II-8)	__	MC?	76.09	13.39	0.90	0.08	0.03	0.83	0.09	3.74	4.85	96.68	Ash bed from Mono Craters? (>40; 50-150 Ka)
Paoha Island tephra layers													
PAOH-3(III)	__	Unk.	72.80	14.98	2.20	0.40	0.03	2.08	0.27	4.24	3.00	94.77	Orange ash bed, 2.5 cm thick
PAOH-1(II)	__	Unk.	72.87	14.91	2.28	0.15	0.07	1.00	0.19	5.56	2.97	94.51	Whole sample, Gray-black-white ash bed
PAOH-1(II), GBW-W	--	Unk.	74.09	14.09	2.33	0.17	0.08	1.00	0.18	5.08	3.02	94.03	White layer, Gray-black-white ash bed
PAOH-1(II), GBW-B	--	Unk.	74.19	13.95	2.29	0.18	0.08	0.99	0.22	5.08	3.02	93.69	Black layer, Gray-black-white ash bed
PAOH-1(II), GBW-G	--	Unk.	74.26	13.90	2.31	0.17	0.09	0.99	0.19	5.07	3.02	94.02	Gray layer, Gray-black-white ash bed
PAOH-2(I)(1)	__	Unk.	69.14	15.06	3.84	0.67	0.08	2.22	0.70	5.43	2.86	96.19	Orange ash bed, 21 cm thick
PAOH-2(I)(2)	__	Unk.	68.95	15.43	3.81	0.64	0.09	2.29	0.65	5.32	2.82	95.25	Do.
Tephra layers at other sites in western conterminous United States that are correlative with tephra layers in Walker Lake cores													
Summer Lake, Ore., tephra layers (Davis, 1985)													
DR-30W	__	Unk.	73.27	14.45	2.27	0.16	0.05	0.96	0.20	5.62	3.01	96.4	Ash bed JJ, clear glass
DR-33	__	Unk.	62.79	16.28	6.19	1.98	0.11	4.73	0.98	4.82	2.11	101.0	Ash bed KK
DR-70	__	Unk.	69.70	15.07	3.79	0.67	0.09	2.16	0.68	5.12	2.71	98.9	Ash bed NN
Tephra layers from Tulelake, Calif., cores													
T2023	53.07	Unk.	63.50	16.03	5.97	2.02	0.10	4.61	0.98	4.70	2.09	96.90	Ash bed from core 5 at Tulealke, Ca.
T1228	53.13	Unk.	62.57	16.40	6.16	2.35	0.14	4.94	0.97	4.40	2.08	97.97	Ash bed from core 2 at Tulelake, Ca.

[1]Depth to base of tephra layer from sediment surface.
[2]BP - Black Point, Mono Basin; IC - Inyo Craters; LV - Long Valley caldera - Glass Mountain volcanic complex; MC - Mono Craters; MM - Mammoth Mountain, Long Valley Caldera; Unk. - source area unknown or mixture of two of more shard types from different eruptive sources.
[3]Total before recalculation to 100 percent. Difference between this total and 100 percent generally roughly represents volatile fluid content in the glass, particularly water of hydration.
[4]Difference in depth due to difference in depth registration before and after core was moved.
[5]Core segment was displaced downward below actual level in lake sediments due to coring malfunction.
[6]Total anomalously low.
[7]Depth below lake surface is original datum. Water-sediment interface was at approximatyely 8 m.
[8]Height (m) above base of measured section.

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