QUIPU AS28

Museum identification: No. SA 4031 (University Museum, University
of Pennsylvania)

Main Cord: color LB:W

b 0.0 cm: group of 4 pendant cords (1-4), then space of 0.5 cm

   1.5 cm: group of 5 pendant cords (5-9), then space of 1.0 cm

   3.5 cm: group of 12 pendant cords (10-21), then space of 1.0 cm

   7.0 cm: group of 12 pendant cords (22-33), then space of 0.5 cm

  10.5 cm: pendant cord (34), then space of 0.5 cm

  11.0 cm: pendant cord (35), then space of 0.5 cm

  11.5 cm: group of 9 pendant cords (36-44), then space of 1.0 cm

  14.5 cm: group of 5 pendant cords (45-49)

  16.0 cm: end b

Cord	Knots (no.,type,position)	Length	Color	Value	Subsidiaries (no.,position)
1	8L(17.0)	32.0¢	W	8	1:13.0
1s1	3L(5.5)	9.5¢	LB	3	
2	3L(15.0)	41.5¢	LB:W	3	
3	2L(16.0)	38.0¢	W	2	
4	--	4.5b	LB	?	
5	--	39.0	W	0	
6	3L(16.5)	37.5	W	3	
7	--	29.0¢	W	0	
8	--	26.0¢	LB	0	

Cord	Knots (no.,type,position)	Length	Color	Value	Subsidiaries (no.,position)
9	1s(19.0)	40.0¢	W	1	
10	3L(14.5);4L(19.5)	27.5¢	W	34	2:0.5
10s1	3L(14.0)	39.0¢	LB	30	
10s2	1s(14.0)	39.0¢	LB:W	10	
11	2L(14.0)	34.5¢	W	20	1:0.5
11s1	1s(12.5)	25.5	LB	10	
12	1s(13.0)	33.5¢	GG:W	10	
13	1s(13.0)	26.0¢	GG:W	10	
14	1s(15.0)	32.0¢	W	10	
15	4L(14.5)	29.5¢	W	40	
16	4L(13.5)	36.5¢	W	40	
17	3L(13.5)	30.5¢	W	30	
18	6L(14.5)	34.5¢	W	60	
19	--	35.0¢	W	0	
20	--	35.0¢	W	0	
21	--	36.0¢	W	0	
22	1s(5.0);1s(12.0)	33.0¢	LB	110	
23	1s(12.0)	33.0¢	LB	10	1:0.5
23s1	3L(11.0)	26.0¢	W	30	
24	1s(10.5)	26.5¢	GG:W	10	
25	--	31.0¢	GG:W	0	
26	--	36.5¢	LB	0	
27	--	39.0¢	LB	0	
28	1s(11.0)	31.0¢	LB	10	
29	--	36.5¢	LB	0	

Cord	Knots (no.,type,position)	Length	Color	Value	Subsidiaries (no.,position)
30	3L(11.0)	26.0¢	LB	30	
31	--	39.0	LB	0	
32	--	40.0¢	LB	0	
33	--	39.0¢	LB	0	
34	3s(7.5);4L(17.5)	33.0¢	W	304	
35	1s(7.0);8L(18.0);1s(21.0)	30.0¢	LB	1081	
36	--	34.0¢	W	0	
37	--	30.0¢	W	0	
38	1s(10.0)	30.0¢	W	10	
39	3L(5.0);1s(10.0);1s(14.5); 2L(17.5)	20.5¢	W	3112	
40	2L(4.0);2L(9.0);2L(14.0); 3L(19.0)	31.0¢	W	2223	1:0.5
40s1	1s(10.0)	24.0¢	GG:W	100	
41	2L(10.0);2L(19.0)	35.5¢	LB:W	202	
42	3L(9.0);7L(17.5)	22.0¢	W	307	
43	--	36.0¢	W	0	
44	--	35.5¢	W	0	1:3.5
44s1	1s(9.0)	26.0	LB	10	
45	--	0.5b	LB	?	
46	--	0.5b	LB	?	
47	2L(9.5)	37.5¢	LB	200	
48	--	19.0b	LB	0	
49	2L(9.0);1s(16.0)	32.0¢	W	201	

Observations

1. Long knots appear in thousands, hundreds, tens, and units positions and single knots are used for the digit 1. Placement of knots along the cords are variable. Hence, numerical interpretation is difficult.

2. Colors of subsidiaries all differ from color of pendants to which they are attached.

3. There are 7 groups by spacing. The first and last are incomplete due to breakage of the main cord.

4. Groups 3 and 4 have the same number of pendants and similar color patterning. The colors of the 12 pendants in group 3 are 2W, 2GG:W, 8W while in group 4 there are 2LB, 2GG:W, 8LB.

5. Group 5 can be a sum group. The first cord in it (pendant 34) is related to the color of group 3 and its value is the sum of group 3. The second cord in it (pendant 35) is related to the color of group 4. If the value of pendant 22 is 101 instead of 110 and the value of pendant 35 is 181 instead of 1081, pendant 35 is the sum of group 4. (See comment 1 above.)