

Data Repository

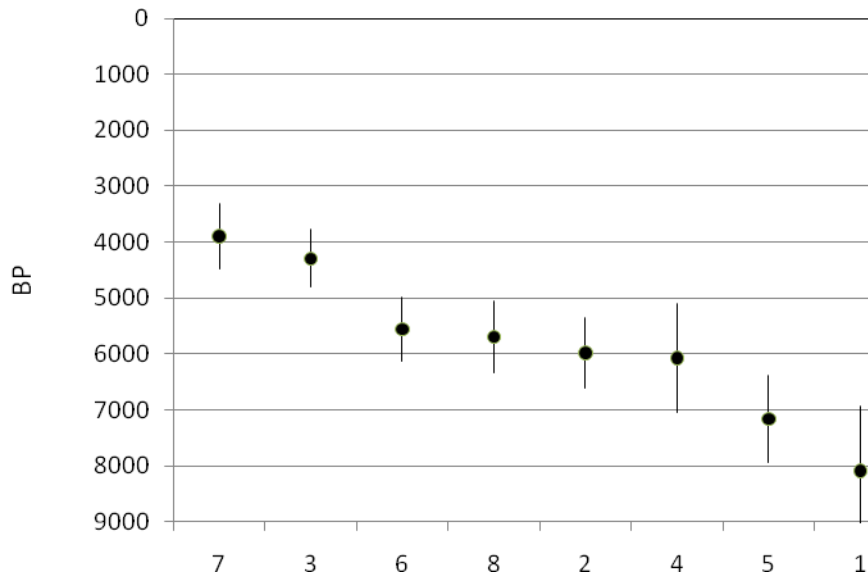
1. OSL Dating

(1) PB2.16.06-3B fine sand T2 (LB561)

aliquot number	BP	Error (+/-)
1	21433	3948
2	11262	1221

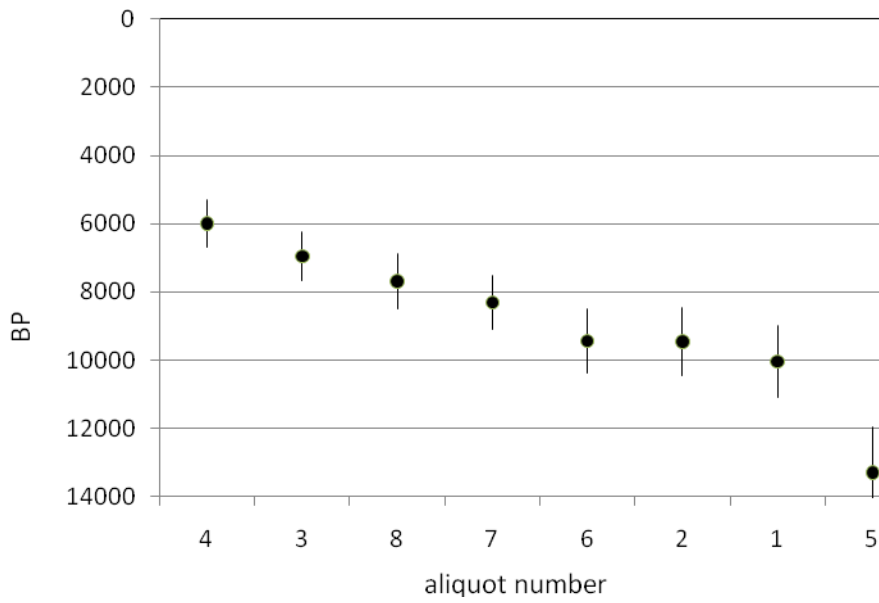
(2) PB2.16.06-3C medium to fine sand T2 (LB562)

aliquot number	BP	Error(+/-)
7	3894	585
3	4291	517
6	5553	567
8	5697	644
2	5984	623
4	6076	979
5	7160	785
1	8094	1165



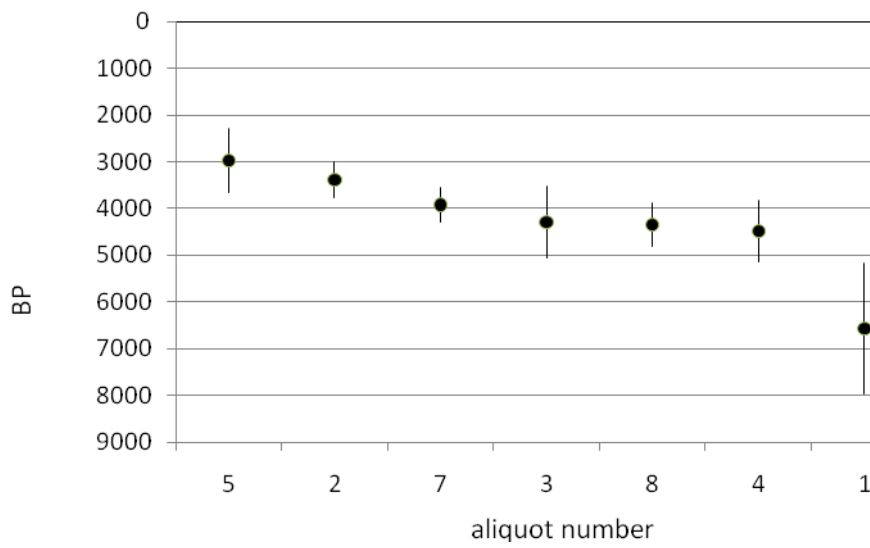
(3) PB2.14.06-1B medium to fine sand T2 (LB563)

aliquot number	BP	error(+/-)
4	5995	699
3	6946	706
8	7688	811
7	8310	805
6	9439	943
2	9463	1011
1	10034	1048
5	13306	1341



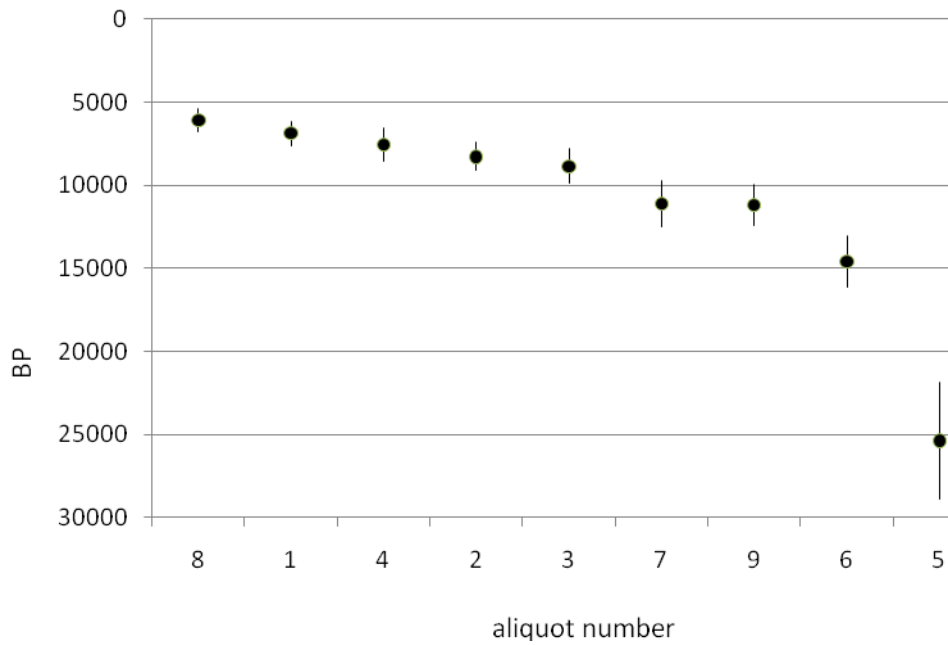
(4) PB2.13.06-3B medium to fine sand T4 (LB564)

aliquot number	BP	error(+/-)
5	2978	695
2	3382	381
7	3923	375
3	4294	777
8	4342	459
4	4480	660
1	6570	1399



(5) PB 2.13.06-4B medium to fine sand T2 (LB565)

aliquot number	BP	error(+/-)
8	6069	711
1	6868	718
4	7532	1026
2	8274	846
3	8849	1044
7	11127	1397
9	11180	1251
6	14595	1567
5	25382	3544



ID	Cat#	#	paleodose		BC/AD	DATE	DATE(error)	BP	DATE(error)	2 SIGM
			ED (Gy)	ED (Gy)error						
LB561	3B PB2.16.06 fine sand T2	1	84.32226663	14.76233181	BC	19422	3948	21433	3948	
LB561	3B PB2.16.06 fine sand T2	2	44.30857778	4.079065368	BC	9251	1221	11262	1221	
average					BC	14336.5	2584.5	16347.5	2584.5	
LB562	3C PB2.16.06 midium to fine sand T2	7	15.97125752	2.208106744	BC	1883	585	3894	585	>2 SIGMA
LB562	3C PB2.16.06 midium to fine sand T2	3	17.60054016	1.854380906	BC	2280	517	4291	517	>2 SIGMA
LB562	3C PB2.16.06 midium to fine sand T2	6	22.77780015	1.90797573	BC	3542	567	5553	567	
LB562	3C PB2.16.06 midium to fine sand T2	8	23.36734321	2.261701568	BC	3686	644	5697	644	
LB562	3C PB2.16.06 midium to fine sand T2	2	24.54642934	2.111636061	BC	3973	623	5984	623	
LB562	3C PB2.16.06 midium to fine sand T2	4	24.92159311	3.740918707	BC	4065	979	6076	979	
LB562	3C PB2.16.06 midium to fine sand T2	5	29.36996349	2.722617053	BC	5149	785	7160	785	
LB562	3B PB2.16.06 midium to fine sand T2	1	33.20106172	4.364609858	BC	6083	1165	8094	1165	>2 SIGMA
average					BC	3832.625	733.125	5843.625	733.125	
average excet >2 sigma					BC	4083	719.6	6094	719.6	
LB563	1B PB2.14.06 medium to fine sand T2	4	26.75453608	2.733336018	BC	3984	699	5995	699	>2 SIGMA
LB563	1B PB2.14.06 medium to fine sand T2	3	30.99924614	2.62614637	BC	4935	706	6946	706	>2 SIGMA
LB563	1B PB2.14.06 medium to fine sand T2	8	34.31140625	3.065623926	BC	5677	811	7688	811	
LB563	1B PB2.14.06 medium to fine sand T2	7	37.08761813	2.926277384	BC	6299	805	8310	805	
LB563	1B PB2.14.06 medium to fine sand T2	6	42.12553158	3.483663553	BC	7428	943	9439	943	
LB563	1B PB2.14.06 medium to fine sand T2	2	42.23272122	3.83738939	BC	7452	1011	9463	1011	
LB563	1B PB2.14.06 medium to fine sand T2	1	44.78282744	3.94637943	BC	8023	1048	10034	1048	
LB563	1B PB2.14.06 medium to fine sand T2	5	59.38306487	4.973599657	BC	11295	1341	13306	1341	>2 SIGMA
average					BC	6886.625	920.5	8897.625	920.5	
average excet >2 sigma					BC	6975.8	923.6	8986.8	923.6	
LB564	3B PB2.13.06 medium to fine sand T4	5	10.80768281	2.442172132	BC	967	695	2978	695	>2 SIGMA
LB564	3B PB2.13.06 medium to fine sand T4	2	12.27512835	1.178240941	BC	1371	381	3382	381	
LB564	3B PB2.13.06 medium to fine sand T4	7	14.23857666	1.070569674	BC	1912	375	3923	375	
LB564	3B PB2.13.06 medium to fine sand T4	3	15.58491426	2.667109039	BC	2283	777	4294	777	
LB564	3B PB2.13.06 medium to fine sand T4	8	15.7587856	1.381034879	BC	2331	459	4342	459	
LB564	3B PB2.13.06 medium to fine sand T4	4	16.2490137	2.195812662	BC	2469	660	4480	660	
LB564	3B PB2.13.06 medium to fine sand T4	1	23.84985829	4.879355001	BC	4559	1399	6570	1399	>2 SIGMA
average					BC	2270.285714	678	4281.285714	678	
average excet >2 sigma					BC	2073.2	530.4	4084.2	530.4	
LB565	4B PB 2.13.06 medium to fine sand T2	8	32.92004003	3.169919274	BC	4058	711	6069	711	>2 SIGMA
LB565	4B PB 2.13.06 medium to fine sand T2	1	37.25467972	2.991956144	BC	4857	718	6868	718	>2 SIGMA
LB565	4B PB 2.13.06 medium to fine sand T2	4	40.8555474	4.851261591	BC	5521	1026	7532	1026	>2 SIGMA
LB565	4B PB 2.13.06 medium to fine sand T2	2	44.88220161	3.480485689	BC	6263	846	8274	846	>2 SIGMA
LB565	4B PB 2.13.06 medium to fine sand T2	3	47.99857495	4.669205417	BC	6838	1044	8849	1044	
LB565	4B PB 2.13.06 medium to fine sand T2	7	60.35697644	6.414802855	BC	9116	1397	11127	1397	

LB565	4B PB 2.13.06 medium to fine sand T2	9	60.64612448	5.440266862	BC	9169	1251	11180	1251	
LB565	4B PB 2.13.06 medium to fine sand T2	6	79.17301754	6.650404963	BC	12584	1567	14595	1567	>2 SIGMA
LB565	4B PB 2.13.06 medium to fine sand T2	5	137.6880139	16.8776783	BC	23371	3544	25382	3544	>2 SIGMA
average					BC	9086.333333	1344.888889	11097.33333	1344.888889	
average excet >2 sigma					BC	8374.333333	1230.666667	10385.33333	1230.666667	

dosimetry (ppm)										
K (XRF)	TH (ICP)	U (ICP)	date of analysis	beta calibration	days after	Disc#	N.Signal	BG.signal	Test_Signal	
21113.05491	13.14960467	1.44801623	9_4_10	0.107911782	2293	5	31824	11292	11993	
21113.05491	13.14960467	1.44801623	9_17_10	0.107911782	2293	6	115046	42041	48549	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	16	78105	15683	26548	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	12	21398	6283	8169	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	15	123635	24827	35277	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	17	98710	19895	29576	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	11	165608	36901	55130	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	13	120503	22232	39253	
21959.34971	14.50302722	1.31281944	12_30_10	0.107189648	2396	14	80411	18390	25193	
21959.34971	14.50302722	1.31281944	12_23_10	0.107238571	2389	1	119930	20466	32390	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	20	37468	9294	12465	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	19	56961	14735	19442	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	24	39187	10340	13790	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	23	54111	12337	17188	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	22	58417	12997	17088	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	18	89493	19402	23446	
23258.79655	12.3075078	2.70085372	12_23_10	0.107238571	2389	2	46628	11121	14697	
23258.79655	12.3075078	2.70085372	12_30_10	0.107189648	2396	21	59359	13011	17607	
19182.69	12.98616926	1.12025173	1_10_11	0.107112813	2407	28	48775	15956	28681	
19182.69	12.98616926	1.12025173	1_10_11	0.107112813	2407	25	77313	25599	40438	
19182.69	12.98616926	1.12025173	1_18_11	0.107056967	2415	30	67845	16740	28682	
19182.69	12.98616926	1.12025173	1_10_11	0.107112813	2407	26	66082	22808	35129	
19182.69	12.98616926	1.12025173	1_18_11	0.107056967	2415	31	30656	6562	12540	
19182.69	12.98616926	1.12025173	1_10_11	0.107112813	2407	27	34204	11225	17384	
19182.69	12.98616926	1.12025173	12_23_10	0.107238571	2389	3	77313	25310	38758	
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	38	20423	3832	5619	
22461.22	22.24231801	2.87551939	12_23_10	0.107238571	2389	4	181454	23261	33647	
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	34	26661	5265	6512	
22461.22	22.24231801	2.87551939	1_12_11	0.107091867	2410	32	90557	16456	21234	
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	33	47748	9388	11682	
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	37	59777	13913	16314	

22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	39	64289	7555	9865
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	36	106871	13855	17165
22461.22	22.24231801	2.87551939	1_13_11	0.107091867	2410	35	79136	5741	6949

UCIAMS #	Sample Number	UC Irvine Keck AMS age Error (\pm yrs)		Fairbanks 0107 Curve Age	Error (\pm yrs)
		^{14}C Age yrs. BP	Std. Dev. (1σ)	Cal. ^{14}C Age yrs. BP	Std. Dev. (1σ)
Sample Run 1 (4.30.06)					
24526	AY 02-21-06	645	15	618	37
24531	PB 02-15-06-(2)	1285	15	1237	29
24532	PB 02-16-06-(3)a	990	15	922	11
24535	PB 02-24-06-(4)	955	15	883	38
Sample Run 2 (12.29.06)					
31783	PB 02-13-06-(3)a (same location as AY 02-21-06)	715	15	668	5
31789	PB 02-15-06-(2)	3465	15	3721	38
31791	PB 02-16-06-(3)a	970	15	906	28
31796	PB 02-24-06-(4)	955	15	883	38
31797	PB 02-24-06-(6)a	135	20	124	95