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A landscape approach to the archaeology of the Vredefort Dome

Byrne, Patrick Joseph

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Median

Type	Total Area m^2	Inner Area m^2	Living Area m^2	Living Area to Inner Area	Perimeter Length m	Inter Length m	Percentage
Group 1a	2343.63	335.59	1518.80	4.34	195.29	130.79	18.71
Group 1b	5631.29	768.97	4862.32	6.23	297.89	342.29	14.27
Group 1c	2414.17	573.52	1822.12	4.34	200.66	159.66	18.71
Group 3	2128.41	449.58	1412.06	4.32	173.43	142.78	18.81
Group 4	2414.17	573.52	1822.12	4.34	200.66	159.66	18.71
Group 5	2271.29	511.55	1617.09	4.33	187.05	151.22	18.76

Std Dev

Type	Total Area m^2	Inner Area m^2	Living Area m^2	Living Area to Inner Area	Perimeter Length m	Inter Length m	Percentage
Group 1a	1940.264795	382.820828	1678.696696	5.731984072	81.09541236	112.5374054	10.2607717
Group 1b	1946.468597	76.73902113	1869.729575	1.809463071	18.40841161	189.4299595	3.57057972
Group 1c	1915.462914	399.2116746	1651.995324	5.754327329	78.89478641	114.5882611	10.4497686
Group 3	2119.520729	378.5959124	1861.140324	7.079124785	87.89941145	113.612479	11.685315
Group 4	4.386750043	216.4325212	135.0806442	2.773641199	44.32640332	54.37124643	4.73068009
Group 5	21.92432832	228.0226	153.9613656	2.789440268	42.77032579	52.92107245	4.86432112

Wall Density	Slope Degrees	Slope Perce	Aspect	Aspect Direction	ALTITUDE
0.13	8.29	7.53	116.02		1461.50
0.13	4.61	6.54	149.87		1496.50
0.14	8.29	6.95	105.62		1462.75
0.14	7.47	9.04	136.07		1485.36
0.13	8.29	6.95	116.02		1462.75
0.14	7.88	7.99	120.84		1474.05

Wall Density	Slope Degrees	Slope Perce	Aspect	Aspect Direction	ALTITUDE
0.030379779	3.750459546	4.605511	100.8964		40.73783
0.081043345	0.256807041	0.246087	127.7267		86.69129
0.03034756	3.618649248	4.644904	101.0657		40.0631
0.035599277	3.699891377	4.24386	100.5802		47.19532
0.035824552	2.470385377	3.082578	18.97184		32.49401
0.035847334	2.377181422	3.110433	18.85218		32.97111

SiteName	SiteType	Type	SiteID	Total Area m^2	Inner Area m^2	Living Area m^2	Percentage	Living Area to Inner Area	Perimeter Length m	Inter Length m	Percentage	Wall Density	Slope Degrees	Slope Percentage	Aspect	Aspect Direction	ALTITUDE	Features	NEAR_DIST Perenial	NEAR_DIST Non Perenial	semi perm water
BFK SWS 03	1	Group 1a	3	1469.87	171.69	1298.18	11.68	7.56	170.54	79.92	11.68	0.17	11.17	3.98	210.00	SW	1431.00	4.00	1977.80733167000	90.83466314840	90.83466314840
BFK SWS 09	1	Group 1a	9	2551.03	261.01	2290.02	10.23	8.77	261.17	79.73	10.23	0.13	9.49	5.65	90.34	E	1460.00	3.00	1805.09185089000	55.73099376270	332.95050455000
BFK SWS 15	1	Group 1a	15	1783.24	264.44	1518.80	14.83	5.74	160.22	102.09	14.83	0.15	10.81	19.55	13.39	N	1449.50	3.00	1984.73129560000	118.79940225200	118.79940225200
BFK SWS 19	1	Group 1a	19	888.98	114.66	774.31	12.90	6.75	96.76	58.27	12.90	0.17	9.00	9.08	88.45	E	1548.00	2.00	1937.70927293000	79.97491023550	680.91878136200
BFK SWS 20	1	Group 1a	20	2343.63	146.71	2196.92	6.26	14.97	176.59	70.59	6.26	0.11	9.49	2.22	66.92	NE	1544.33	3.00	1629.49558562000	114.99099509600	541.00785796800
BFK SWS 21	1	Group 1a	21	1321.12	41.31	1279.81	3.13	30.98	164.57	27.43	3.13	0.15	2.88	4.76	96.72	E	1552.00	1.00	2166.67404036000	174.19403825200	812.05156295400
BFK SWS 29	1	Group 1a	29	2657.02	206.03	2450.99	7.75	11.90	204.84	93.84	7.75	0.11	14.12	12.45	310.89	NW	1434.00	2.00	1401.02747699000	70.09721212820	308.76734383300
Excludes			median	1783.24	171.69	1518.80	10.23	8.77	170.54	79.73	10.23	0.15	9.49	5.65	90.34		1460.00	3.00	1937.71	90.83	332.95
			Stdev	625.42	74.29	583.78	3.77	8.15	45.94	22.91	3.77	0.02	3.16	5.60	93.31		52.51	0.90	237.35	36.68	254.96
			Average	1859.27	172.27	1687.00	9.54	12.38	176.38	73.13	9.54	0.14	9.56	8.24	125.24		1488.40	2.57	1843.22	100.66	412.19

SiteName	SiteType	Type	SIteID	Total Area m^2	Inner Area m^2	Living Area m^2	Percentage	Living/Inner	Perimeter Length m	Inter Length n	Percentage	Wall Density	Slope Degrees	Slope	Aspect	Aspect	ALTITUDE	Features	NEAR_DIST Perenial	NEAR_DIST Non Perenial	semi perm water
BFK SWS 01	2	Group 1b	1	4254.93	714.71	3540.22	16.80	4.95	310.90	476.23	16.80	0.18	4.79	6.37	59.56	NE	1435.20	10	1750.42820854000	231.66180635100	241.09137682700
BFK SWS 22	2	Group 1b	22	7007.65	823.23	6184.41	11.75	7.51	284.87	208.34	11.75	0.07	4.43	6.72	240.19	SW	1557.80	4	1922.43904462000	60.22086923580	1031.00544655000
			Median	5631.29	768.97	4862.32	14.27	6.23	297.89	342.29	14.27	0.13	4.61	6.54	149.87		1496.50	7.00	1836.43	145.94	636.05
			STD Dev	1376.361144	54.26268222	1322.098462	2.524781134	1.279483608	13.01671268	133.947209	2.52478113	0.057306299	0.18159	0.174	90.3164		61.3	3	86.00541804	85.72046856	394.9570349
			Average	5631.29	768.97	4862.32	14.27	6.23	297.89	342.29	14.27	0.13	4.61	6.54	149.87		1496.50	7.00	1836.43	145.94	636.05

SiteName	SiteType	Type	SIteID	Total Area m^2	Inner Area m^2	Living Area m^2	Percentage	Living/Inner	Perimeter Length m	Inter Length m	Percentage	Wall Density	Slope	Slope	Aspect	Aspect	ALTITUDE	Features	NEAR_DIST Perenial	NEAR_DIST Non Perenia	semi perm water
BFK SWS 02	3	Group 1c	2	4069.97	1263.23	2806.75	31.04	2.22	305.32	320.40	31.04	0.15	5.96	4.68	105.62	E	1462.75	11	1945.85094293000	309.46625665100	309.46625665100
BFK SWS 12	3	Group 1c	12	4949.70	1262.31	3687.39	25.50	2.92	350.71	239.19	25.50	0.12	9.71	9.93	47.24	NE	1432.67	9	1947.92266322000	92.37381171320	118.28048863000
BFK SWS 14	3	Group 1c	14	3824.89	1052.95	2771.94	27.53	2.63	246.66	211.53	27.53	0.12	7.88	8.61	64.27	NE	1461.50	6	1989.09917434000	133.53600649700	190.21883388500
BFK SWS 28	3	Group 1c	28	4842.35	835.44	4006.91	17.25	4.80	300.01	346.27	17.25	0.13	15.16	4.03	21.68	N	1448.63	8	974.95197866600	185.42635351200	726.14745370200
BFK SWS 30	3	Group 1c	30	4468.78	680.32	3788.46	15.22	5.57	295.74	220.26	15.22	0.12	7.76	16.00	116.02	SE	1433.40	7	1315.05870811000	99.58787430120	417.88701588700
BFK SWS 26 +	3	Group 1c	26 + 27	8441.00	1673.00	6768.00	19.82	4.29	454.00	572.00	19.82	0.11	3.29	6.95	37.58	NE	1485.71	18	1233.63459215000	173.75129965100	435.44078920600
			Median	4655.56	1157.63	3737.93	22.66	3.61	302.67	279.80	22.66	0.12	7.82	7.78	55.76		1455.07	8.50	1630.45	153.64	363.68
			STD Dev	1545.777195	322.7467978	1337.378725	5.694256442	1.222355025	64.9441005	124.110746	5.694256442	0.014430022	3.654243817	3.98246115	34.63226824		18.46812479	3.975620147	406.5960716	72.92090917	196.9264528
			Average	5099.45	1127.87	3971.57	22.73	3.74	325.41	318.28	22.73	0.13	8.29	8.37	65.40		1454.11	9.83	1567.75	165.69	366.24

SiteName	SiteType	Type	SIteID	Total Area m^2	Inner Area m^2	Living Area m^2	Living/Inner	Perimeter Length m	Inter Length m	Percentage	Wall Density	Slope	Slope	Aspect	Aspect	ALTITUDE	Features	NEAR_DIST Perenial	NEAR_DIST Non Pere	semi perm water
BFK SWS 16	5	Group 3	16	1913.19	869.10	1044.08	1.20	132.09	170.65	45.43	0.16	9.62	7.53	100.18	E	1453.67	5	2135.43548213000	78.33730573790	140.07977957400
BFK SWS 25	5	Group 3	25	3333.43	1033.94	2299.49	2.22	276.03	198.85	31.02	0.14	5.89	9.01	195.16	S	1488.67	5	1267.29876661000	83.02549961220	422.88744657900
BFK SWS 32	5	Group 3	32	1362.69	493.18	869.51	1.76	140.06	129.75	36.19	0.20	9.83	16.20	159.78	S	1441.50	5	1167.22909274000	51.64291467450	440.99638158400
BFK SWS 33	5	Group 3	33	1443.00	405.99	1037.01	2.55	140.60	154.77	28.14	0.20	5.93	14.18	148.28	SE	1427.33	5	1334.70532381000	26.94101042890	616.88410568200
			Median	1678.09	681.14	1040.55	1.99	140.33	162.71	33.60	0.18	7.78	11.59	154.03		1447.59	5.00	1301.00	64.99	431.94
			STD Dev	790.7771917	259.4859411	574.0931312	0.508640778	60.04311712	25.08019123	6.576150427	0.026207121	1.910678694	3.572194401	33.9760043		22.71466748	0	385.2644893	22.52314016	170.8018721
			Average	2013.08	700.55	1312.53	1.94	172.19	163.51	35.19	0.18	7.82	11.73	150.85		1452.79	5.00	1476.17	59.99	405.21

Type	SIteID	Total Area m^2	Inner Area m^2	Living Area m^2	Living/Inner	Perimeter Length m	Inter Length m	Percentage	Wall Density	Slope	Slope	Aspect	Aspect	ALTITUDE	Features	NEAR_DIST Perenial	NEAR_DIST Non Perenial	semi perm water
Group 4	4	2808.90	986.78	1822.12	1.85	215.91	239.98	35.13	0.16	8.81	1.37	247.18	SW	1444.00	6	1913.55072664000	182.47554950400	182.47554950400
Group 4	6	1176.76	335.59	841.17	2.51	146.50	82.44	28.52	0.19	6.35	5.94	270.00	W	1464.00	4	1954.85602900000	252.44846182600	252.44846182600
Group 4	7	6608.68	839.96	5768.72	6.87	243.97	407.61	12.71	0.10	5.98	8.58	118.40	SE	1468.38	11	1969.76521324000	232.03256904400	232.03256904400
Group 4	13	2949.56	573.52	2376.04	4.14	200.66	180.44	19.44	0.13	16.56	5.27	24.37	NE	1438.67	2	2030.73728050000	141.37761494900	141.37761494900
	Median	2879.23	706.74	2099.08	3.32	208.29	210.21	23.98	0.15	7.58	5.61	182.79		1454.00	5.00	1962.31	207.25	207.25
	STD Dev	1986.8267	249.7996776	1853.906523	1.93724309	35.48550287	118.1658474	8.551473316	0.035888229	4.262185582	2.580800257	99.65877764		12.66459311	3.344772	42.0540768	43.31065781	43.31065781
	Average	3385.97	683.96	2702.01	3.84	201.76	227.61	23.95	0.15	9.43	5.29	164.99		1453.76	5.75	1967.23	202.08	202.08

SiteName	SiteType	Type	SIteID	Total Area m^2	Inner Area m^2	Living Area m^2	Living/Inner	Perimeter Length m	Inter Length m	Percentage	Wall Density	Slope	Slope	Aspect	Aspect	ALTITUDE	features	NEAR_DIST Perenia	NEAR_DIST Non Perenial	semi perm water
BFK SWS 08	7	Group 5	8	1692.31	207.62	1484.69	7.15	216.62	0.00	12.27	0.13	15.15	17.78	147.89	SE	1464.00	1	1897.47245605000	160.63890667500	160.63890667500
BFK SWS 24	7	Group 5	24	1165.58	234.36	931.22	3.97	170.28	0.00	20.11	0.15	8.29	9.51	321.82	NW	1496.00	1	1291.21637668000	123.11342254000	424.00276941100
			Median	1428.95	220.99	1207.95	5.56	193.45	0.00	16.19	0.14	11.72	13.64	234.85		1480.00	1.00	1594.34	141.88	
			STD Dev	263.3666561	13.36988334	276.7365395	1.588732494	23.17268463	0	3.919211232	0.009042258	3.43003	4.136475	86.968		16	0	303.1280397	18.76274207	
			Average	1428.95	220.99	1207.95	5.56	193.45	0.00	16.19	0.14	11.72	13.64	234.85		1480.00	1.00	1594.34	141.88	