

Williams Outcrop Palaeocurrent measurements taken using Pro3D

Set	Dip	Dip Azimuth	Strike
0	10.69493445	90.40138693	0.401386926
0	10.46672277	79.95093809	349.9509381
0	13.96424563	90.85086355	0.850863552
0	13.78435285	93.26842128	3.268421275
0	13.13309418	86.88889571	356.8888957
0	11.27632638	68.8884153	338.8884153
0	10.56984555	74.58489398	344.584894
0	10.3298739	75.76261092	345.7626109
0	14.69390094	88.87161002	358.87161
0	17.49630883	91.56431769	1.564317686
0	14.57776468	85.84518367	355.8451837
0	11.36134175	67.6845164	337.6845164
0	12.34317552	78.9582278	348.9582278
0	16.75102962	92.58664944	2.586649435
0	14.41040963	91.2201474	1.220147403
0	13.71527541	77.95461886	347.9546189
0	10.50882092	51.37268004	321.37268
0	12.90950313	76.32804391	346.3280439
0	14.36298643	82.10774127	352.1077413
0	10.58099074	60.15857353	330.1585735
0	12.80377056	77.62160144	347.6216014
0	15.10878485	87.40419385	357.4041939
0	16.33810303	92.82134193	2.821341932
0	15.43546665	78.23771689	348.2377169
0	14.77316531	86.70189628	356.7018963
0	16.89402438	87.07337353	357.0733735
0	17.08779837	86.8132333	356.8132333
0	16.29036489	83.50438078	353.5043808
0	17.0326176	86.86440138	356.8644014
0	14.55849572	79.20258309	349.2025831
0	18.6976076	96.37453369	6.374533693
0	14.66621746	86.08431401	356.084314
0	11.83986057	76.71493711	346.7149371
0	12.18716234	77.38483365	347.3848336
0	13.24933226	80.51269041	350.5126904
0	15.42797571	78.82511439	348.8251144
0	20.40793454	99.85364459	9.853644594
0	15.81032525	82.77207368	352.7720737
0	27.45081158	97.64159574	7.641595743
0	13.82322034	75.82208953	345.8220895
0	9.749345976	57.59790577	327.5979058
0	11.84152207	76.33996605	346.3399661
0	10.84818279	31.5146553	301.5146553
0	10.19654381	20.19738353	290.1973835
0	7.469093525	63.20707168	333.2070717
0	6.501641677	77.41519459	347.4151946
0	7.857817249	30.36853667	300.3685367
0	15.76312224	108.6251609	18.62516089

0	21.43513407	115.5063535	25.50635347
0	17.07115686	113.2521844	23.25218438
0	15.48875608	109.9307787	19.93077868
0	17.72475928	116.9723059	26.9723059
0	12.64060648	131.6129647	41.61296472
0	16.83784758	97.35664956	7.356649561
0	21.19698511	104.5330845	14.53308453
0	12.84832894	76.45251434	346.4525143
0	13.29538776	82.31346512	352.3134651
1	9.234590896	94.75939466	4.759394657
1	10.70472622	104.5177327	14.51773269
1	5.703938302	102.6997092	12.69970925
1	17.75104623	106.1392597	16.13925965
1	3.320706898	72.60270927	342.6027093
1	7.049342119	93.92940285	3.929402852
1	6.939017697	118.4867822	28.48678224
1	9.508472181	118.2246395	28.22463951
1	11.37896907	119.906209	29.90620904
1	7.126348544	125.5676084	35.56760838
1	8.74450623	113.3844053	23.38440532
1	14.51378842	125.0254108	35.02541078
1	9.597056336	101.3599849	11.35998486
1	19.07932208	119.0394616	29.03946157
1	11.28799469	135.3799399	45.37993987
1	20.7941284	110.0610721	20.06107212
1	4.370465448	42.60065842	312.6006584
1	2.559721081	66.53546974	336.5354697
1	8.109925236	97.17417575	7.174175746
1	12.08573234	105.6412696	15.64126964
1	10.7893738	100.1200578	10.12005776
1	6.324710791	98.19633788	8.196337883
1	12.75758985	87.68661295	357.6866129
1	11.34567359	130.1798823	40.17988234
1	5.47402389	109.4553854	19.45538541
1	5.166719181	127.6487108	37.64871083
1	3.982056511	49.31868014	319.3186801
1	8.669332858	68.21702754	338.2170275
1	12.39929451	88.11952654	358.1195265
1	8.478950685	26.37694257	296.3769426
1	5.396210893	134.2372811	44.2372811
1	6.562655407	136.5409373	46.54093725
1	10.29675931	119.2776315	29.27763154
1	9.57884157	115.0329363	25.03293625
1	8.265324558	35.33654606	305.3365461
2	19.88184819	49.62562247	319.6256225
2	17.0198226	56.99842849	326.9984285
2	17.59130954	47.41382959	317.4138296
2	17.57922225	53.51786787	323.5178679
2	13.83296178	62.14981143	332.1498114
2	21.23550994	58.06122873	328.0612287

2	18.70701157	49.20276175	319.2027617
2	20.70646004	60.92086584	330.9208658
2	12.72530227	45.45097631	315.4509763
2	6.466254218	37.8430523	307.8430523
2	18.49076572	51.21645457	321.2164546
2	18.31292502	50.89384924	320.8938492
2	21.36938928	55.77605387	325.7760539
2	19.20516587	56.80193717	326.8019372
2	24.54217375	63.15028332	333.1502833
2	16.23366374	46.30593048	316.3059305
2	15.0551051	27.81195035	297.8119504
2	19.97871322	53.33210311	323.3321031
2	16.82329751	49.91437587	319.9143759
2	21.38485608	55.44575873	325.4457587
2	23.92426678	50.4265524	320.4265524
2	18.05681355	36.80409686	306.8040969
2	13.4690602	18.83159761	288.8315976
2	22.6147245	57.52870708	327.5287071
2	19.38780914	39.68578224	309.6857822
2	25.24741846	60.68699338	330.6869934
2	18.48160257	49.24172475	319.2417248
2	11.02824733	54.73633464	324.7363346
2	4.075349016	27.19585624	297.1958562
2	13.36258784	72.07607814	342.0760781
2	12.22554821	35.75428805	305.7542881
2	17.15864828	62.23076336	332.2307634
2	20.8186821	60.55697991	330.5569799
2	24.14221985	64.20052271	334.2005227
2	14.00258817	32.0604578	302.0604578
2	20.88483437	57.42429773	327.4242977
2	21.37503254	48.29591118	318.2959112
2	30.83638581	61.76518179	331.7651818
2	17.23452203	37.71551331	307.7155133
2	18.49076738	43.51837525	313.5183753
2	18.28130239	40.38224522	310.3822452
2	19.53337175	55.91124419	325.9112442
2	14.93539485	42.77532101	312.775321
2	18.06962244	62.31714475	332.3171448
2	19.41190705	69.86496104	339.864961
2	23.66988657	66.47105838	336.4710584
2	22.61994783	72.59214332	342.5921433
2	18.74245339	63.6847628	333.6847628
2	24.34516511	73.74332643	343.7433264
2	21.96545789	63.49683619	333.4968362
2	22.38622528	63.24190625	333.2419062
2	21.60172675	72.3630969	342.3630969
2	28.26263417	76.41495755	346.4149575
2	21.04944557	60.63777169	330.6377717
2	26.26349191	62.37445576	332.3744558
2	23.77393303	61.86216998	331.86217

2	11.92916114	18.73698153	288.7369815
2	18.18715521	84.02628987	354.0262899
2	15.46669413	40.84426431	310.8442643
2	12.26489643	51.58232265	321.5823226
2	13.01457122	54.85150201	324.851502
2	10.87726891	54.31834923	324.3183492
2	12.4611291	50.60955621	320.6095562
2	21.23242648	71.06086364	341.0608636
2	22.77506109	75.29718771	345.2971877
2	16.80939616	45.39642728	315.3964273
2	16.85133632	47.25152031	317.2515203
2	16.78350487	38.17078173	308.1707817
2	13.44276494	48.38908244	318.3890824
2	14.21249166	54.33206904	324.332069
2	8.45377113	30.80197746	300.8019775
2	12.07626224	59.34501576	329.3450158
2	4.046799455	54.72532062	324.7253206
2	13.13419305	24.8719612	294.8719612
2	3.829592508	40.06214367	310.0621437
2	17.33533831	64.25299174	334.2529917
2	12.40770485	37.93123703	307.931237
2	13.3497603	48.31110574	318.3111057
2	9.900603185	37.15350683	307.1535068
2	18.5413628	61.31055695	331.310557
2	16.27428956	54.83743869	324.8374387
2	11.7838367	67.95163376	337.9516338
2	31.50707553	84.45416604	354.454166
2	24.15619338	61.59087179	331.5908718
2	27.74369696	63.07253113	333.0725311
2	21.14509379	68.28613941	338.2861394
2	15.82819329	46.31688624	316.3168862
2	16.6586608	69.71863525	339.7186353
2	15.88797377	78.88312821	348.8831282
2	18.93065759	47.53069653	317.5306965
2	19.7415295	49.96825724	319.9682572
2	20.49934543	50.78366009	320.7836601
2	16.93173212	43.48738328	313.4873833
2	24.24003921	57.22251941	327.2225194
2	16.37549593	55.33081541	325.3308154
2	14.32240436	52.94314379	322.9431438
2	25.07691939	77.1501581	347.1501581
2	11.46605886	27.91503915	297.9150392
2	19.9046973	55.46895249	325.4689525
2	14.27914855	73.29982279	343.2998228
2	21.66053017	63.15272588	333.1527259
2	12.64788708	331.6073568	241.6073568
2	11.52475924	354.7008544	264.7008544
2	23.5030369	331.9415854	241.9415854
2	18.78513234	16.83580911	286.8358091
2	16.7744394	327.398915	237.398915

2	18.69883734	315.3212157	225.3212157
2	17.45038635	336.3025927	246.3025927
2	11.44859775	2.028728669	272.0287287
2	10.3168749	42.67610537	312.6761054
2	13.21312459	45.60811443	315.6081144
2	19.65235184	64.28905436	334.2890544
2	19.09416584	328.4340204	238.4340204
2	20.27015034	76.31801365	346.3180136
2	13.46513683	51.13359825	321.1335983
2	30.61918401	83.93109303	353.931093
2	14.09056153	51.41477943	321.4147794
2	18.56858062	68.05515145	338.0551515
2	18.36135448	46.99605284	316.9960528
2	16.90032757	35.93869051	305.9386905
2	19.33787875	61.62121013	331.6212101
2	37.19272175	87.58459234	357.5845923
2	13.94020442	27.44830275	297.4483027
2	14.33134422	15.48737725	285.4873773
2	19.67832339	57.15005404	327.150054
2	26.76524389	76.26308193	346.2630819
2	10.70223494	39.21271858	309.2127186
2	8.212960421	10.89062165	280.8906216
2	12.38014163	59.18906165	329.1890616
2	25.87508409	74.19555739	344.1955574
2	11.58397779	359.5755657	269.5755657
2	13.69776697	355.9152006	265.9152006
2	13.90009988	2.196855423	272.1968554
2	10.87278254	64.07460179	334.0746018
2	12.20260005	87.52909348	357.5290935
2	23.11774266	351.4071368	261.4071368
2	12.53587827	19.52160383	289.5216038
2	14.12710907	28.28087311	298.2808731
2	12.88431507	1.723987748	271.7239877
2	20.577695	353.371129	263.371129
2	13.14571739	72.90522362	342.9052236
3	16.40570592	63.49625336	333.4962534
3	14.39954784	56.74248164	326.7424816
3	14.09629182	54.94400113	324.9440011
3	14.00353777	61.61415472	331.6141547
3	13.01445097	46.11272516	316.1127252
3	14.20314191	51.42170692	321.4217069
3	14.19714927	59.18688483	329.1868848
3	14.00673952	56.66454491	326.6645449
3	14.65857521	58.51913894	328.5191389
3	12.49894338	54.90296645	324.9029665
3	17.08070838	64.65030374	334.6503037
3	17.86993849	64.08549296	334.085493
3	13.1205959	53.34540509	323.3454051
3	12.68326516	55.77559615	325.7755961
3	12.42721966	56.13468006	326.1346801

3	13.14350119	70.60785443	340.6078544
3	16.91517804	69.700796	339.700796
3	19.45288091	76.88820692	346.8882069
3	12.26068053	51.86945152	321.8694515
3	14.7172098	58.18123748	328.1812375
3	14.73364205	54.53467059	324.5346706
3	13.59015671	39.48801442	309.4880144
3	13.18647211	48.70602146	318.7060215
3	13.09496266	53.87198578	323.8719858
3	13.53318387	53.67488496	323.674885
3	13.78727791	56.62711362	326.6271136
3	14.14391321	64.88306779	334.8830678
3	11.85627142	43.32546931	313.3254693
3	10.0482951	50.70798708	320.7079871
3	16.36261096	51.04792332	321.0479233
3	12.14882457	47.49191246	317.4919125
3	14.48176881	62.62051078	332.6205108
3	13.14567667	56.62514822	326.6251482
3	14.25263198	59.32160569	329.3216057
3	13.40645243	60.60330757	330.6033076
3	12.06988348	53.70802082	323.7080208
3	13.20746969	63.155186	333.155186
3	14.43709861	60.02277205	330.0227721
3	12.69720976	51.8405791	321.8405791
3	6.653889669	71.98064181	341.9806418
3	10.35583533	59.8187167	329.8187167
3	13.63194253	66.98374858	336.9837486
3	10.57780478	67.4074864	337.4074864
3	17.67896759	66.20695885	336.2069588
3	22.10250973	78.58494521	348.5849452
3	11.54478182	108.2961413	18.29614128
3	9.614778384	54.47765171	324.4776517
3	4.345061889	43.51853599	313.518536
3	5.527155255	70.30770016	340.3077002
3	6.873409695	52.31768018	322.3176802
3	7.355168493	4.737410576	274.7374106
3	9.583304708	27.79610315	297.7961031
3	7.497626099	64.05331315	334.0533132
3	6.026672919	48.58405145	318.5840515
3	2.924856501	76.11689588	346.1168959
3	10.3210021	31.99346232	301.9934623
3	11.04987616	81.78981457	351.7898146
3	14.69008878	66.30878292	336.3087829
3	15.73616317	54.83768521	324.8376852
3	11.51948216	63.35614459	333.3561446
3	7.96358677	75.01354127	345.0135413
3	4.438122805	60.74729649	330.7472965
3	13.53702332	87.57928896	357.579289
3	8.172698962	64.05751015	334.0575102
3	18.43076278	85.87804707	355.8780471

3	21.36183328	79.98646948	349.9864695
3	20.77391854	85.69156752	355.6915675
3	16.48197927	64.45006817	334.4500682
3	11.80846719	35.88844641	305.8884464
3	14.54448701	70.58053355	340.5805336
3	13.93834668	75.94567942	345.9456794
3	12.48837123	82.4172407	352.4172407
3	11.8863022	74.11057713	344.1105771
3	12.34495862	83.68207283	353.6820728
3	10.80413217	73.31274809	343.3127481
3	10.45565642	35.64722565	305.6472256
3	15.80524499	86.46049326	356.4604933
3	10.31539751	45.78141418	315.7814142
3	15.60990357	46.11916403	316.119164
3	7.414911007	71.24592621	341.2459262
3	9.58515197	43.32147333	313.3214733
4	14.69603671	73.58289008	343.5828901
4	10.287488	3.154828064	273.1548281
4	9.230858454	40.35120202	310.351202
4	8.215773101	40.05420796	310.054208
4	5.650086533	11.3959751	281.3959751
4	5.299338334	14.57632238	284.5763224
4	10.97166821	354.6581777	264.6581777
4	8.130458698	35.51512043	305.5151204
4	5.585020593	331.6876961	241.6876961
4	8.633191933	11.6797807	281.6797807
4	5.968066503	1.322053795	271.3220538
4	4.559454331	351.463568	261.463568
4	3.139188631	311.4367649	221.4367649
4	6.043473015	328.0814487	238.0814487
4	6.155366762	301.6955419	211.6955419
4	3.980467996	312.4105946	222.4105946
4	6.385188714	357.3962395	267.3962395
4	8.684348852	352.5546575	262.5546575
4	6.391567324	8.650993455	278.6509935
4	5.145905683	45.52395394	315.5239539
4	5.056674929	19.86210069	289.8621007
5	8.563945111	355.3500574	265.3500574
5	12.68802571	10.61332392	280.6133239
5	2.817024256	21.6575966	291.6575966
5	9.311759095	305.0950707	215.0950707
5	12.99999845	34.25499085	304.2549908
5	12.85123351	48.91451286	318.9145129
5	11.40998133	50.10500102	320.105001
5	12.1693344	61.8268676	331.8268676
5	6.863111404	352.8727593	262.8727593
5	15.16461403	72.05135565	342.0513557
5	13.73106449	46.31425608	316.3142561
5	11.55969476	38.40200989	308.4020099