

**INTEGRATED REMOTE SENSING AND VISUALIZATION (IRSV)
SYSTEM FOR TRANSPORTATION INFRASTRUCTURE OPERATIONS
AND MANAGEMENT:
PHASE TWO**

VOLUME 5 SUPPLEMENT

Aerial Bridge Deck Imaging data collection and software revision

By

**Shen-en Chen, Meenu Natarajan and William E. Martin
Department of Civil and Environmental Engineering**

**Center for Transportation Policy Studies
University of North Carolina at Charlotte**

Picture-12

Table 1: Total Cracks

Major Axis Length	Minor Axis Length	Area
6.435544	3.766689	16
4.618802	2.309401	8
22.33042	12.71238	162
10.93705	3.396677	28
4.618802	2.309401	8
664.8346	66.7542	13322
8.304792	4.53022	27
25.72514	24.82369	260
5.66476	2.564597	10
9.671875	4.626505	31
10.17176	6.974585	43
13.4048	5.518023	45
18.05156	14.21415	181
4.888755	2.892531	10
3.435909	1.691507	4
8.839366	3.958318	25
8.924936	6.232349	40
9.529057	5.108044	34
2.309401	1.154701	2
204.8063	25.83401	2614
10.21905	3.360992	23
2.581989	1.763834	3
13.46012	2.670321	24
5.605675	2.890361	12
8.041559	3.91578	24
2.309401	1.154701	2
1.154701	1.154701	1
6.748755	3.086929	14
4.312826	2.228038	7
3.306559	2.129163	5
3.333333	2.581989	6
10.4777	4.547187	34
2.309401	1.154701	2
4.163332	2.496256	7
3.306559	2.129163	5
3.879126	2.429972	7
6.590423	3.44314	15

4.085748	3.306559	10
2.309401	2.309401	4
2.581989	1.763834	3
105.8205	19.51147	1325
1.154701	1.154701	1
7.427233	2.76878	14
3.306559	2.129163	5
4.455913	2.64098	7
1.154701	1.154701	1
6.364413	5.979089	29
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
4.053691	3.024539	9
1.154701	1.154701	1
7.357536	7.101643	40
3.05505	2.081666	4
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
11.67284	5.643505	49
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
3.236694	3.028212	7
5.489384	2.476557	10
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
4.053691	3.024539	9
2.581989	1.763834	3
3.464102	1.154701	3
1.154701	1.154701	1
293.9863	43.2995	5175
3.464102	1.154701	3
2.309401	2.309401	4
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1

3.827022	2.75906	7
2.309401	1.154701	2
2.581989	1.763834	3
3.464102	1.154701	3
3.236694	3.028212	7
4.053691	3.024539	9
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	3.05505	8
6.68684	2.749964	13
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
4.881412	3.862657	14
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4

6.190321	5.767401	27
4.279143	2.665633	8
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	2.972092	8
1.154701	1.154701	1
2.309401	2.309401	4
3.763583	2.727798	7
3.306559	2.129163	5
4	2.211083	6
1.154701	1.154701	1
5.435641	2.348517	9
4.658001	3.171846	11
1.154701	1.154701	1
3.651484	3.05505	8
3.333333	2.581989	6
3.651484	3.05505	8
5.186141	2.926431	11
6.457891	4.40994	21
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
3.763583	2.727798	7
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
7.579923	4.789885	23
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
4.580689	3.817439	12
6.90296	4.87177	23
6.60352	4.452025	22
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
3.651484	1.825742	4
9.548805	4.527701	29

2.780887	2.780887	5
9.421095	4.97016	27
2.309401	1.154701	2
7.049009	5.637337	29
41.40859	9.590343	212
1.154701	1.154701	1
1.154701	1.154701	1
3.05505	2.081666	4
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
4.760952	2.619961	9
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
5.565527	2.532109	10
2.581989	1.763834	3
5.998154	3.040456	12
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	2.309401	4
5.8363	2.686231	11
2.581989	1.763834	3
7.816768	3.400707	20
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
7.300121	3.980457	18
2.309401	1.154701	2
96.05216	12.75704	724
9.312529	2.264267	13
6.126268	3.650069	16
2.309401	2.309401	4
3.651484	2.972092	8
1.154701	1.154701	1
5.449267	3.486521	14
2.581989	1.763834	3
2.581989	1.763834	3
5.499389	3.208304	13
3.464102	1.154701	3
8.2872	2.954566	17

2.309401	1.154701	2
2.309401	2.309401	4
3.05505	2.081666	4
3.306559	2.129163	5
4.760952	4.22269	15
3.435909	1.691507	4
6.07205	4.631653	21
4.971715	3.628726	13
1.154701	1.154701	1
4.728438	3.393398	11
1.154701	1.154701	1
13.43288	6.920095	56
2.309401	2.309401	4
2.309401	1.154701	2
5.66476	2.564597	10
2.309401	1.154701	2
3.05505	2.081666	4
9.616215	4.40868	29
5.642925	5.099636	15
1.154701	1.154701	1
5.34166	2.780887	10
3.763583	2.727798	7
2.309401	2.309401	4
3.05505	2.081666	4
18.00236	2.870266	31
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
43.95574	13.41815	352
8.675696	3.253686	16
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
7.101772	5.498568	27
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
4.163332	3.656008	11
4.179851	3.11277	9
11.42519	6.642334	38
2.309401	1.154701	2

4	2.211083	6
3.05505	2.081666	4
2.581989	1.763834	3
4.163332	1.8037	5
47.90899	11.47126	221
2.581989	1.763834	3
3.333333	2.581989	6
2.309401	2.309401	4
2.309401	2.309401	4
663.7711	42.1625	7312
8.973203	2.416734	13
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
5.531495	2.840639	10
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
2.309401	2.309401	4
2.309401	1.154701	2
4.658001	3.171846	11
3.05505	2.081666	4
8.291111	2.483754	14
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	1.154701	2
8.654696	7.143029	41
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
5.316397	2.872948	11
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	2.081666	4
3.464102	1.154701	3
4.890968	4.682786	17

2.581989	1.763834	3
2.309401	1.154701	2
3.265986	2.905933	6
3.306559	2.129163	5
2.309401	1.154701	2
9.697959	6.286805	45
2.309401	1.154701	2
2.309401	1.154701	2
4.085748	3.306559	10
5.689991	4.771862	20
3.333333	2.581989	6
2.309401	1.154701	2
3.651484	2.972092	8
4.898979	3.527668	12
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
7.033499	4.941203	26
2.309401	2.309401	4
3.464102	1.154701	3
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.464102	1.154701	3
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
3.879126	2.429972	7
1.154701	1.154701	1
6.006154	4.55991	20
2.309401	1.154701	2
3.651484	2.972092	8
1.154701	1.154701	1
3.464102	1.154701	3
3.236694	3.028212	7

2.309401	1.154701	2
5.205709	3.199051	12
5.172572	4.195076	16
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
3.333333	2.581989	6
3.306559	2.129163	5
3.651484	1.825742	4
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
5.323477	2.81319	11
4.745688	2.990837	10
1.154701	1.154701	1
8.996128	8.614377	59
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
5.053159	3.567896	13
4.258325	3.208323	10
2.309401	1.154701	2
2.581989	1.763834	3
5.082604	3.856762	14
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
6.671181	4.466221	22
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
4.312826	2.228038	7
1.154701	1.154701	1
4.053691	3.024539	9
6.093009	3.259808	15
6.910639	1.913044	8
5.338891	4.805586	19
4.633571	2.587796	8
1.154701	1.154701	1

1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
1.154701	1.154701	1
5.074878	5.031021	19
2.309401	1.154701	2
8.235344	4.930042	27
5.053159	3.567896	13
3.306559	2.129163	5
4.260095	2.741945	8
10.04325	3.435745	21
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	1.154701	2
2.581989	1.763834	3
3.879126	2.429972	7
1.154701	1.154701	1
3.651484	2.972092	8
7.2487	4.19899	23
4.820546	1.558527	4
9.69743	6.735692	49
3.333333	2.581989	6
2.309401	2.309401	4
5.041736	3.476751	13
4.531372	2.921187	10
6.619732	3.359064	16
4.053691	3.024539	9
3.306559	2.129163	5
10.50903	7.232331	53
2.309401	1.154701	2
9.319447	5.986043	42
4.359157	3.391816	10
5.053159	3.567896	13
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
4.163332	2.496256	7
2.309401	2.309401	4
2.581989	1.763834	3
5.489384	2.476557	10
4.163332	2.496256	7
1.154701	1.154701	1

2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
5.109174	2.136119	8
3.464102	1.154701	3
2.309401	1.154701	2
4.163332	1.8037	5
5.053159	3.567896	13
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
5.45139	3.141989	13
3.236694	3.028212	7
3.464102	1.154701	3
5.021028	3.831505	14
2.309401	1.154701	2
3.464102	1.154701	3
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3
3.435909	1.691507	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
6.189799	5.065433	24
2.309401	1.154701	2
1.154701	1.154701	1
12.29825	7.321157	67
2.581989	1.763834	3
3.236694	3.028212	7
4.653433	2.400464	8
1.154701	1.154701	1
3.464102	1.154701	3
2.581989	1.763834	3
3.05505	1.154701	2
6.433893	2.496071	11

6.028901	2.806167	12
2.309401	1.154701	2
1.154701	1.154701	1
5.89502	5.434633	22
6.041493	3.265588	13
2.309401	1.154701	2
1.154701	1.154701	1
4.618802	1.154701	4
2.309401	1.154701	2
3.464102	1.154701	3
4.658001	3.171846	11
2.780887	2.780887	5
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
5.435641	2.348517	9
3.306559	2.129163	5
2.309401	1.154701	2
2.780887	2.780887	5
3.333333	2.581989	6
2.309401	1.154701	2
5.142416	3.265986	12
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4.258325	3.208323	10
2.309401	1.154701	2
8.341549	6.091204	37
4.260095	2.741945	8
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	2.309401	4
3.05505	1.154701	2
7.269795	6.957218	35
7.547836	4.567104	25
3.05505	2.081666	4
3.879126	2.429972	7

8.361794	6.861351	42
20.67269	9.622988	137
1.154701	1.154701	1
154.1142	14.44481	1083
8.424114	3.456572	18
155.6192	7.503589	575
2.309401	1.154701	2
2.581989	1.763834	3
7.441746	2.69946	12
11.868	3.467166	21
1.154701	1.154701	1
3.333333	2.581989	6
1.154701	1.154701	1
11.65648	6.694982	52
7.135318	3.021408	16
7.306744	3.954511	20
4.006661	2.129163	5
5.499389	3.208304	13
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2

Table 2: Major Cracks

Major Axis Length	Minor Axis Length	Area
6.435544	3.766689	16
4.618802	2.309401	8
22.33042	12.71238	162
10.93705	3.396677	28
4.618802	2.309401	8
664.8845	66.74879	13320
8.304792	4.53022	27
25.72514	24.82369	260
5.66476	2.564597	10
9.671875	4.626505	31
10.17176	6.974585	43
13.4048	5.518023	45
18.05156	14.21415	181

4.888755	2.892531	10
3.435909	1.691507	4
8.839366	3.958318	25
8.924936	6.232349	40
9.529057	5.108044	34
2.309401	1.154701	2
204.8063	25.83401	2614
10.21905	3.360992	23
2.581989	1.763834	3
13.46012	2.670321	24
5.605675	2.890361	12
8.041559	3.91578	24
2.309401	1.154701	2
6.748755	3.086929	14
3.306559	2.129163	5
3.333333	2.581989	6
10.4777	4.547187	34
2.309401	1.154701	2
4.163332	2.496256	7
3.306559	2.129163	5
3.879126	2.429972	7
6.590423	3.44314	15
4.085748	3.306559	10
2.581989	1.763834	3
105.8205	19.51147	1325
3.306559	2.129163	5
4.455913	2.64098	7
6.364413	5.979089	29
3.306559	2.129163	5
2.581989	1.763834	3
4.053691	3.024539	9
1.154701	1.154701	1
7.357536	7.101643	40
3.05505	2.081666	4
2.309401	1.154701	2
11.67284	5.643505	49
2.581989	1.763834	3
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
4.053691	3.024539	9
2.581989	1.763834	3

1.154701	1.154701	1
293.9863	43.2995	5175
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
3.827022	2.75906	7
2.581989	1.763834	3
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.780887	2.780887	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	3.05505	8
6.68684	2.749964	13
4.881412	3.862657	14
2.309401	1.154701	2
3.05505	2.081666	4
6.190321	5.767401	27
4.279143	2.665633	8
3.306559	2.129163	5
1.154701	1.154701	1
3.651484	2.972092	8
1.154701	1.154701	1
3.763583	2.727798	7
3.306559	2.129163	5
1.154701	1.154701	1
4.658001	3.171846	11
1.154701	1.154701	1
3.651484	3.05505	8
3.333333	2.581989	6
3.651484	3.05505	8

5.186141	2.926431	11
6.457891	4.40994	21
2.309401	2.309401	4
1.154701	1.154701	1
3.763583	2.727798	7
2.309401	1.154701	2
2.309401	1.154701	2
7.579923	4.789885	23
2.309401	2.309401	4
1.154701	1.154701	1
4.580689	3.817439	12
6.90296	4.87177	23
6.60352	4.452025	22
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
9.548805	4.527701	29
9.421095	4.97016	27
7.049009	5.637337	29
41.40859	9.590343	212
1.154701	1.154701	1
3.05505	2.081666	4
1.154701	1.154701	1
4.760952	2.619961	9
5.565527	2.532109	10
2.581989	1.763834	3
5.998154	3.040456	12
2.309401	2.309401	4
5.8363	2.686231	11
7.816768	3.400707	20
2.309401	1.154701	2
7.300121	3.980457	18
96.05216	12.75704	724
9.312529	2.264267	13
6.126268	3.650069	16
2.309401	2.309401	4
3.651484	2.972092	8
5.449267	3.486521	14
2.581989	1.763834	3
5.499389	3.208304	13

8.2872	2.954566	17
2.309401	1.154701	2
3.05505	2.081666	4
3.306559	2.129163	5
4.760952	4.22269	15
6.07205	4.631653	21
4.971715	3.628726	13
4.728438	3.393398	11
1.154701	1.154701	1
13.43288	6.920095	56
2.309401	2.309401	4
2.309401	1.154701	2
5.66476	2.564597	10
2.309401	1.154701	2
3.05505	2.081666	4
9.616215	4.40868	29
5.642925	5.099636	15
3.763583	2.727798	7
18.00236	2.870266	31
3.464102	2.309401	6
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
43.95574	13.41815	352
8.675696	3.253686	16
2.309401	1.154701	2
2.309401	1.154701	2
7.101772	5.498568	27
4.163332	3.656008	11
4.179851	3.11277	9
11.42519	6.642334	38
2.309401	1.154701	2
4	2.211083	6
3.05505	2.081666	4
2.581989	1.763834	3
4.163332	1.8037	5
47.90899	11.47126	221
2.581989	1.763834	3
3.333333	2.581989	6
2.309401	2.309401	4
663.7382	42.16368	7311
8.973203	2.416734	13
2.309401	1.154701	2

2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
8.291111	2.483754	14
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
5.316397	2.872948	11
2.309401	1.154701	2
3.05505	2.081666	4
3.464102	1.154701	3
4.890968	4.682786	17
2.581989	1.763834	3
3.265986	2.905933	6
3.306559	2.129163	5
2.309401	1.154701	2
9.697959	6.286805	45
2.309401	1.154701	2
2.309401	1.154701	2
4.085748	3.306559	10
5.689991	4.771862	20
3.651484	2.972092	8
4.898979	3.527668	12
2.309401	1.154701	2
7.033499	4.941203	26
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.464102	1.154701	3
3.464102	2.309401	6
3.879126	2.429972	7
1.154701	1.154701	1
6.006154	4.55991	20
3.651484	2.972092	8
1.154701	1.154701	1
3.464102	1.154701	3
3.236694	3.028212	7
2.309401	1.154701	2
5.205709	3.199051	12
5.172572	4.195076	16

2.309401	1.154701	2
1.154701	1.154701	1
3.333333	2.581989	6
3.306559	2.129163	5
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
5.323477	2.81319	11
4.745688	2.990837	10
1.154701	1.154701	1
8.996128	8.614377	59
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
5.053159	3.567896	13
4.258325	3.208323	10
2.309401	1.154701	2
2.581989	1.763834	3
5.082604	3.856762	14
2.309401	1.154701	2
2.309401	1.154701	2
6.671181	4.466221	22
2.309401	1.154701	2
4.312826	2.228038	7
4.053691	3.024539	9
6.093009	3.259808	15
6.910639	1.913044	8
5.338891	4.805586	19
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
1.154701	1.154701	1
5.074878	5.031021	19
8.235344	4.930042	27
5.053159	3.567896	13
3.306559	2.129163	5
4.260095	2.741945	8
10.04325	3.435745	21
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	1.154701	2
2.581989	1.763834	3

1.154701	1.154701	1
3.651484	2.972092	8
7.2487	4.19899	23
9.69743	6.735692	49
2.309401	2.309401	4
4.531372	2.921187	10
6.619732	3.359064	16
4.053691	3.024539	9
3.306559	2.129163	5
10.50903	7.232331	53
2.309401	1.154701	2
9.319447	5.986043	42
4.359157	3.391816	10
5.053159	3.567896	13
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
4.163332	2.496256	7
5.489384	2.476557	10
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
5.109174	2.136119	8
3.464102	1.154701	3
4.163332	1.8037	5
5.053159	3.567896	13
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
5.45139	3.141989	13
3.236694	3.028212	7
3.464102	1.154701	3
5.021028	3.831505	14
3.464102	1.154701	3
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3

1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
6.189799	5.065433	24
1.154701	1.154701	1
12.29825	7.321157	67
4.653433	2.400464	8
1.154701	1.154701	1
3.464102	1.154701	3
2.581989	1.763834	3
3.05505	1.154701	2
6.433893	2.496071	11
6.028901	2.806167	12
5.89502	5.434633	22
6.041493	3.265588	13
2.309401	1.154701	2
1.154701	1.154701	1
4.618802	1.154701	4
2.309401	1.154701	2
4.658001	3.171846	11
2.780887	2.780887	5
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.780887	2.780887	5
5.142416	3.265986	12
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
4.258325	3.208323	10
2.309401	1.154701	2
8.341549	6.091204	37
4.260095	2.741945	8
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	2.309401	4
3.05505	1.154701	2
7.269795	6.957218	35
7.547836	4.567104	25
3.05505	2.081666	4

3.879126	2.429972	7
8.361794	6.861351	42
20.67269	9.622988	137
1.154701	1.154701	1
154.0035	14.45096	1080
8.424114	3.456572	18
155.6192	7.503589	575
2.309401	1.154701	2
2.581989	1.763834	3
7.441746	2.69946	12
11.868	3.467166	21
1.154701	1.154701	1
3.333333	2.581989	6
1.154701	1.154701	1
11.65648	6.694982	52
7.135318	3.021408	16
7.306744	3.954511	20
4.006661	2.129163	5
5.499389	3.208304	13
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
6.55614	3.052744	15
9.66109	3.513461	25
1.154701	1.154701	1
2.309401	1.154701	2

Table 3: Minor Cracks

Major Axis Length	Minor Axis Length	Area
1.154701	1.154701	1
4.312826	2.228038	7
2.309401	2.309401	4
1.154701	1.154701	1
7.427233	2.76878	14
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1

2.309401	1.154701	2
3.236694	3.028212	7
5.489384	2.476557	10
1.154701	1.154701	1
3.464102	1.154701	3
3.464102	1.154701	3
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	1.154701	3
3.236694	3.028212	7
3.464102	1.154701	3
3.651484	3.05505	8
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
4	2.211083	6
5.435641	2.348517	9
2.309401	2.309401	4
2.309401	1.154701	2
3.651484	1.825742	4
2.780887	2.780887	5
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1

2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
3.464102	1.154701	3
2.309401	2.309401	4
3.435909	1.691507	4
1.154701	1.154701	1
1.154701	1.154701	1
5.34166	2.780887	10
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
5.531495	2.840639	10
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
2.309401	1.154701	2
4.658001	3.171846	11
3.05505	2.081666	4
2.309401	1.154701	2
8.654696	7.143029	41
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2

3.333333	2.581989	6
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	2.309401	4
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
3.651484	1.825742	4
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
4.633571	2.587796	8
1.154701	1.154701	1
2.309401	1.154701	2
3.879126	2.429972	7
4.820546	1.558527	4
3.333333	2.581989	6
5.041736	3.476751	13
2.309401	2.309401	4
2.581989	1.763834	3
4.163332	2.496256	7
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.435909	1.691507	4
2.309401	1.154701	2
2.581989	1.763834	3
3.236694	3.028212	7

2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
5.435641	2.348517	9
3.306559	2.129163	5
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	2.309401	4

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Table4: Total Cracks

Major Axis Length	Minor Axis Length	Area
4.39915	3.315742	10
3.333333	2.581989	6
3.236694	3.028212	7
18.52876	16.67558	114
4.053691	3.024539	9
4.728438	3.393398	11
2.309401	1.154701	2
3.333333	2.581989	6
9.505114	4.325172	29
2.309401	2.309401	4
7.357528	4.518656	25
4.053691	3.024539	9
3.464102	2.309401	6
292.9303	28.43907	3197
4.745688	2.990837	10
3.306559	2.129163	5
5.449267	3.486521	14
16.82354	5.763068	60
7.023769	3.05505	16
2.581989	1.763834	3

4.364358	4.27936	14
149.8489	10.015	641
4.496908	3.2775	11
10.65354	4.486897	31
3.651484	1.825742	4
2.581989	1.763834	3
6.958827	2.975506	14
2.309401	2.309401	4
5.989203	3.106969	14
3.306559	2.129163	5
4.864662	2.960022	10
8.144248	6.658012	37
3.265986	2.905933	6
2.309401	1.154701	2
8.211334	3.155427	18
3.435909	1.691507	4
3.651484	3.05505	8
110.2314	4.921818	348
2.309401	1.154701	2
8.13568	4.691267	28
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
7.953175	4.029904	22
2.581989	1.763834	3
9.296649	3.085925	18
350.764	53.32579	1959
8.129183	3.165526	16
5.34166	2.780887	10
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6.821747	2.76286	13
2.309401	1.154701	2
2.581989	1.763834	3
3.651484	3.05505	8
30.50564	6.068035	96
15.80177	4.668007	48
3.879126	2.429972	7
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6.643199	3.469089	16
7.091812	3.112623	15
25.09364	5.33278	88

3.52985	2.359413	5
13.24567	7.82723	75
39.57131	8.157768	210
10.0526	4.651837	34
8.299359	4.291656	27
9.361996	6.255054	43
1.154701	1.154701	1
20.52428	9.030258	128
10.45254	4.620525	36
6.446542	3.189894	15
8.98152	5.049238	29
3.651484	1.825742	4
2.309401	1.154701	2
13.21863	7.040604	60
31.74131	6.547781	113
3.306559	2.129163	5
3.333333	2.581989	6
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2.581989	1.763834	3
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2.309401	1.154701	2
7.86772	3.965169	21
2.309401	2.309401	4
23.01944	9.523214	144
15.39725	4.897993	49
2.309401	1.154701	2
10.56901	6.490204	40
11.3772	4.022789	33
4.053691	3.024539	9
2.309401	1.154701	2
4.136643	2.881814	8
5.31346	2.689574	10
3.435909	1.691507	4
4.875449	4.025268	14
2.309401	1.154701	2
6.686134	3.382786	17
3.306559	2.129163	5
3.306559	2.129163	5
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4.653433	2.400464	8
20.47497	5.041614	68
2.309401	1.154701	2
117.3712	37.90251	1836

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160.7769	82.96791	2870
57.53002	7.697539	226
11.68482	5.601716	46
3.651484	3.05505	8
4.760952	2.619961	9
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3.879126	2.429972	7
7.864041	4.90138	25
3.306559	2.129163	5
2.309401	1.154701	2
4.053691	3.024539	9
12.22937	4.503975	41
8.824775	2.813232	13
2.309401	1.154701	2
6.80932	3.645201	18
3.05505	2.081666	4
2.309401	2.309401	4
10.35107	4.947207	38
11.5026	6.561929	53
9.1234	5.218964	35
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1.154701	1.154701	1
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1.154701	1.154701	1
1.154701	1.154701	1

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2.309401	2.309401	4
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2.581989	1.763834	3
74.28918	25.24955	984
5.323477	2.81319	11
33.21875	15.74706	316
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2.309401	2.309401	4
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2.309401	2.309401	4
26.10044	12.37226	170
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2.309401	1.154701	2
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23.58311	8.637586	123
9.053917	4.267932	29
2.581989	1.763834	3
4.912539	3.738726	12
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2.309401	1.154701	2
2.309401	1.154701	2
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10.9328	3.884215	30
4.260095	2.741945	8
3.306559	2.129163	5
6.93244	4.570441	22
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9.450897	4.161663	24
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4.396969	2.708013	8
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5.837554	2.780309	11
3.265986	2.905933	6
3.05505	2.081666	4
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2.309401	1.154701	2
23.38586	3.552512	56
7.032698	3.600126	18
3.651484	1.825742	4
416.1114	39.48461	3667
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3.306559	2.129163	5
5.45139	3.141989	13
2.309401	1.154701	2
36.98329	5.069168	123
6.215727	1.559295	5
3.333333	2.581989	6
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162.1683	14.27665	943
3.464102	1.154701	3

6.491897	3.243755	16
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9.470888	4.661908	30
2.581989	1.763834	3
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2.309401	1.154701	2
3.435909	1.691507	4
4.511923	3.930052	13
3.306559	2.129163	5
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3.435909	1.691507	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
10.5348	5.569789	42
2.309401	1.154701	2
9.878119	7.675358	54
3.306559	2.129163	5
3.464102	2.309401	6
3.651484	2.972092	8
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2.780887	2.780887	5
2.309401	1.154701	2
4.053691	3.024539	9
3.763583	2.727798	7
19.50974	11.01608	149
2.309401	1.154701	2
11.32529	4.563365	36
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14.78232	8.664789	95
9.693408	7.422725	49
24.02988	12.46553	208
21.9868	7.130704	86
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3.05505	2.081666	4
3.829708	2.403701	6
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1.154701	1.154701	1
2.309401	2.309401	4
15.73664	4.296815	42
2.309401	1.154701	2
15.95811	6.894545	68

36.34651	5.30827	118
2.309401	2.309401	4
2.309401	1.154701	2
8.954751	3.412267	23
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1.154701	1.154701	1
1.154701	1.154701	1
3.651484	2.972092	8
7.031536	5.790197	30
2.309401	1.154701	2
2.309401	1.154701	2
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24.60831	6.356286	109
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.651484	2.972092	8
4.531372	2.921187	10
10.82699	4.076137	32
3.05505	1.154701	2
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27.62906	12.04583	224
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
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3.651484	1.825742	4
4.678064	3.225246	11
1.154701	1.154701	1
302.8425	37.44107	5690
2.780887	2.780887	5
3.306559	2.129163	5
2.309401	1.154701	2
77.96412	42.01573	1662
12.7687	4.730217	38
2.309401	1.154701	2
21.1898	11.71821	133
29.35804	9.346301	199
1.154701	1.154701	1
4.513541	2.018017	6
6.268883	4.260157	19
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1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
4	2.211083	6
31.8137	17.36631	269
5.276769	3.789479	15
2.309401	2.309401	4
7.074572	4.845431	24
3.651484	3.05505	8
5.186141	2.926431	11
2.309401	1.154701	2
18.00659	3.590197	40
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6.051607	2.764908	10
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2.309401	1.154701	2
4.470371	3.856397	13
7.77079	4.969674	29
6.056681	2.413148	10
2.309401	2.309401	4
14.70189	10.26649	95
2.309401	1.154701	2
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2.309401	1.154701	2
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3.651484	3.05505	8
2.309401	1.154701	2
28.45126	14.38571	230
1.154701	1.154701	1
1.154701	1.154701	1
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4.312826	2.228038	7
11.21731	3.658268	26
10.7114	6.254002	40
4.531372	2.921187	10
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2.309401	1.154701	2

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5.499389	3.208304	13
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4.253087	1.943686	5
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2.309401	2.309401	4
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2.309401	1.154701	2
7.568346	6.535711	34
2.581989	1.763834	3
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17.16384	5.465255	66
2.309401	1.154701	2
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4.513541	2.018017	6
15.4719	11.53653	83
2.309401	1.154701	2
2.309401	2.309401	4
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2.309401	1.154701	2
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1.154701	1.154701	1
2.780887	2.780887	5
6.764315	3.811619	19
13.14304	4.338172	22
2.581989	1.763834	3
3.236694	3.028212	7
2.309401	1.154701	2
8.555703	3.417566	21
4.990359	3.397169	12
2.581989	1.763834	3
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6.282692	3.846997	18
3.464102	1.154701	3
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2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1

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2.309401	1.154701	2
43.66158	23.91097	636
197.4286	95.82073	2658
5.801931	2.75968	11
52.70521	12.22562	444
2.309401	2.309401	4
2.581989	1.763834	3
218.0433	33.02526	3650
14.92557	5.708687	62
3.05505	2.081666	4
4.163332	2.411086	5
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2.581989	1.763834	3
3.435909	1.691507	4
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4.258325	3.208323	10
2.780887	2.780887	5
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4.312826	2.228038	7
2.309401	1.154701	2
83.31453	14.36067	432
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2.581989	1.763834	3
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2.309401	2.309401	4
54.526	13.55867	475
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2.309401	1.154701	2
2.309401	2.309401	4
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14.3015	7.758658	82
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2.309401	1.154701	2
15.5033	9.851652	113
2.309401	1.154701	2

3.651484	1.825742	4
3.464102	2.309401	6
2.581989	1.763834	3
3.435909	1.691507	4
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4.618802	2.309401	8
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2.581989	1.763834	3
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26.26382	4.685624	48
7.038218	2.835736	13
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7.459354	5.544141	31
2.581989	1.763834	3
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5.710492	4.384014	17
2.309401	2.309401	4
9.861297	3.726165	22
2.309401	1.154701	2
15.14358	8.37803	59
3.879126	2.429972	7
2.309401	1.154701	2
26.97928	8.934121	144
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3.464102	2.309401	6
4.163332	3.656008	11
2.581989	1.763834	3
2.309401	1.154701	2
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4.085748	3.306559	10
5.021028	3.831505	14
3.265986	2.905933	6
6.308318	5.330127	26
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3.306559	2.129163	5
3.05505	2.081666	4
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2.309401	1.154701	2
2.309401	1.154701	2
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2.309401	1.154701	2
35.60094	10.45825	264
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21.64776	3.766108	45
2.309401	1.154701	2
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46.48973	10.95593	270
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8.251532	3.080985	18
3.306559	2.129163	5
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2.309401	1.154701	2
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2.309401	1.154701	2
7.281678	4.03999	22
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3.954101	3.336243	9
7.175112	4.337501	23
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2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
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4.566475	3.564107	12
4.253087	1.943686	5
5.534538	3.759433	15
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65.61662	21.52415	993
3.464102	2.309401	6
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10.60879	4.15729	29
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2.581989	1.763834	3
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
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33.11329	17.54172	264
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2.309401	2.309401	4
3.306559	2.129163	5
5.188911	3.790658	13
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3.464102	2.309401	6
1.154701	1.154701	1

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10.54789	2.15396	13
3.306559	2.129163	5
5.134278	1.848505	6
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5.266245	2.780887	10
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2.309401	1.154701	2
6.207344	1.921224	6
4.300534	2.887099	7
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64.08351	11.0309	507
3.879126	2.429972	7
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2.581989	1.763834	3
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12.96068	5.965461	52

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3.236694	3.028212	7
7.783799	4.177504	23
73.91724	36.46793	1153
3.306559	2.129163	5
2.309401	2.309401	4
3.265986	2.905933	6
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5.944753	3.412708	10
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34.22535	12.79336	204
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13.91959	4.974441	41
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91.44769	36.98257	2190
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4.973096	4.322613	16
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2.309401	1.154701	2
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7.435705	6.362795	29

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3.306559	2.129163	5
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6.965929	2.345318	9
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2.309401	1.154701	2
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23.351	14.8637	216
6.671181	4.466221	22
32.03459	10.15632	177
4.163332	2	6
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8.834059	3.555447	23
3.05505	2.081666	4
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16.7707	6.196223	46
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3.05505	2.081666	4
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8.631916	3.659126	23
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4.053691	3.024539	9

4.279143	2.665633	8
22.89036	13.10722	144
6.831301	2.538591	12
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7.7124	5.243251	28
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2.581989	1.763834	3
4.279143	2.665633	8
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11.2241	4.152089	31
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6.928203	2.309401	12

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33.561	13.15671	227
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119.5158	72.9831	2087
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37.08321	17.25135	408
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16.38328	6.803963	77

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9.755697	3.866501	27
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2.581989	1.763834	3
6.888108	4.134874	18
5.809304	4.101206	18
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13.69443	6.088527	42
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8.424049	5.060068	30
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2.309401	1.154701	2
3.651484	2.972092	8
114.3533	12.96895	805
3.464102	1.154701	3
15.99799	4.020915	46
4.312826	2.228038	7
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80.56213	68.98858	1683
3.05505	2.081666	4
15.70106	4.131138	39
63.3021	34.41382	928
2.309401	1.154701	2
3.879126	2.429972	7
3.651484	1.825742	4
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2.309401	1.154701	2
2.309401	2.309401	4
3.464102	1.154701	3
1.154701	1.154701	1
2.581989	1.763834	3
10.22622	8.914941	38
3.651484	1.825742	4
14.59962	4.421784	41
12.46018	7.222006	58
3.306559	2.129163	5

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25.12755	8.84273	156
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13.6149	5.664599	41
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3.464102	2.309401	6
4.053691	3.024539	9
2.309401	2.309401	4
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4.312826	2.228038	7
15.14516	8.704601	52
2.780887	2.780887	5
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2.309401	2.309401	4
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15.84407	5.419872	48
6.710977	2.535636	10
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26.77056	8.253512	160
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11.75987	3.918129	28
5.90619	3.504373	13
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3.829708	2.403701	6
13.56857	3.788041	25
49.98339	18.26541	484
3.651484	2.972092	8
2.581989	1.763834	3
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6.429064	3.657229	17
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2.309401	2.309401	4
3.651484	3.05505	8
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6.095335	2.606445	10

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3.333333	2.581989	6
4.618802	2.309401	8
20.67552	5.137302	38
3.333333	2.581989	6
3.879126	2.429972	7
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5.71713	3.548708	14
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7.353375	3.508575	15
52.62963	4.705316	150
29.83563	7.115726	136
3.879126	2.429972	7
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42.44831	7.290967	225
3.333333	2.581989	6
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2.309401	1.154701	2
3.333333	2.581989	6
2.309401	2.309401	4

3.464102	1.154701	3
5.605675	2.890361	12
8.310806	2.97199	15
3.464102	2.309401	6
7.293576	2.462814	11
12.61901	4.485387	36
2.309401	1.154701	2
3.435909	1.691507	4
34.00392	4.164954	91
2.581989	1.763834	3
4.496908	3.2775	11
3.464102	2.309401	6
7.228542	3.02533	15
4.618802	2.309401	8
105.7336	6.123542	349
3.651484	1.825742	4
4.404498	2.855863	9
7.619534	3.747195	18
2.309401	2.309401	4
3.879126	2.918391	7
166.7916	12.4522	521
1.154701	1.154701	1
3.52985	2.359413	5
5.408076	2.649411	10
8.037317	5.102908	29
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
3.464102	2.309401	6
2.309401	2.309401	4
29.44411	7.522503	156
11.04131	2.682105	16
1.154701	1.154701	1
4.618802	1.154701	4
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
8.906341	3.679209	23
5.330127	3.286455	13

7.035407	3.09955	16
4.618802	2.309401	8
4.812125	3.737868	13
3.435909	1.691507	4
2.309401	2.309401	4
12.66335	4.466854	41

Table 5: Major Cracks

Major Axis Length	Minor Axis Length	Area
4.39915	3.315742	10
3.333333	2.581989	6
3.236694	3.028212	7
18.52876	16.67558	114
4.053691	3.024539	9
4.728438	3.393398	11
2.309401	1.154701	2
3.333333	2.581989	6
9.505114	4.325172	29
2.309401	2.309401	4
7.357528	4.518656	25
4.053691	3.024539	9
3.464102	2.309401	6
292.9303	28.43907	3197
4.745688	2.990837	10
3.306559	2.129163	5
5.449267	3.486521	14
16.82354	5.763068	60
7.023769	3.05505	16
2.581989	1.763834	3
4.364358	4.27936	14
149.8489	10.015	641
4.496908	3.2775	11
10.65354	4.486897	31
3.651484	1.825742	4
2.581989	1.763834	3
6.958827	2.975506	14
2.309401	2.309401	4
5.989203	3.106969	14
3.306559	2.129163	5
4.864662	2.960022	10

8.144248	6.658012	37
3.265986	2.905933	6
2.309401	1.154701	2
8.211334	3.155427	18
3.435909	1.691507	4
3.651484	3.05505	8
110.2314	4.921818	348
2.309401	1.154701	2
8.13568	4.691267	28
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
7.953175	4.029904	22
2.581989	1.763834	3
9.296649	3.085925	18
350.764	53.32579	1959
8.129183	3.165526	16
5.34166	2.780887	10
1.154701	1.154701	1
6.821747	2.76286	13
2.309401	1.154701	2
2.581989	1.763834	3
3.651484	3.05505	8
30.50564	6.068035	96
15.80177	4.668007	48
3.879126	2.429972	7
2.309401	1.154701	2
1.154701	1.154701	1
6.643199	3.469089	16
7.091812	3.112623	15
25.09364	5.33278	88
3.52985	2.359413	5
13.24567	7.82723	75
39.57131	8.157768	210
10.0526	4.651837	34
8.299359	4.291656	27
9.361996	6.255054	43
1.154701	1.154701	1
20.52428	9.030258	128
10.45254	4.620525	36
6.446542	3.189894	15
8.98152	5.049238	29

3.651484	1.825742	4
2.309401	1.154701	2
13.21863	7.040604	60
31.74131	6.547781	113
3.306559	2.129163	5
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
7.86772	3.965169	21
2.309401	2.309401	4
23.01944	9.523214	144
15.39725	4.897993	49
2.309401	1.154701	2
10.56901	6.490204	40
11.3772	4.022789	33
5.31346	2.689574	10
3.435909	1.691507	4
4.875449	4.025268	14
2.309401	1.154701	2
6.686134	3.382786	17
3.306559	2.129163	5
1.154701	1.154701	1
4.653433	2.400464	8
20.47497	5.041614	68
2.309401	1.154701	2
117.3712	37.90251	1836
10.58816	3.747968	28
160.7769	82.96791	2870
57.53002	7.697539	226
11.68482	5.601716	46
3.651484	3.05505	8
4.760952	2.619961	9
3.879126	2.429972	7
7.864041	4.90138	25
3.306559	2.129163	5
2.309401	1.154701	2
12.22937	4.503975	41
6.80932	3.645201	18
3.05505	2.081666	4
2.309401	2.309401	4
10.35107	4.947207	38
11.5026	6.561929	53

9.1234	5.218964	35
1.154701	1.154701	1
4.760952	2.619961	9
20.57738	4.584756	65
6.394442	5.163978	24
2.309401	2.309401	4
2.309401	2.309401	4
3.306559	2.129163	5
74.28918	25.24955	984
5.323477	2.81319	11
33.21875	15.74706	316
6.541475	4.917452	24
2.309401	1.154701	2
2.309401	2.309401	4
4.881412	3.862657	14
2.309401	2.309401	4
26.10044	12.37226	170
3.306559	2.129163	5
6.099004	2.693313	11
2.309401	1.154701	2
2.309401	2.309401	4
20.45852	7.705943	97
23.58311	8.637586	123
9.053917	4.267932	29
4.912539	3.738726	12
2.309401	1.154701	2
4.085748	3.306559	10
4.053691	3.024539	9
2.309401	1.154701	2
23.63848	9.874138	94
2.309401	1.154701	2
10.9328	3.884215	30
4.260095	2.741945	8
6.93244	4.570441	22
9.450897	4.161663	24
25.03993	20.43153	309
5.837554	2.780309	11
2.309401	1.154701	2
23.38586	3.552512	56
7.032698	3.600126	18
416.1114	39.48461	3667
3.333333	2.581989	6
3.306559	2.129163	5

5.45139	3.141989	13
36.98329	5.069168	123
3.333333	2.581989	6
162.1683	14.27665	943
6.491897	3.243755	16
9.470888	4.661908	30
4.511923	3.930052	13
2.309401	1.154701	2
10.5348	5.569789	42
2.309401	1.154701	2
9.878119	7.675358	54
3.651484	2.972092	8
1.154701	1.154701	1
2.780887	2.780887	5
4.053691	3.024539	9
3.763583	2.727798	7
19.50974	11.01608	149
11.32529	4.563365	36
14.78232	8.664789	95
9.693408	7.422725	49
24.02988	12.46553	208
21.9868	7.130704	86
15.73664	4.296815	42
15.95811	6.894545	68
36.34651	5.30827	118
2.309401	2.309401	4
8.954751	3.412267	23
1.154701	1.154701	1
7.031536	5.790197	30
24.60831	6.356286	109
2.309401	1.154701	2
4.531372	2.921187	10
10.82699	4.076137	32
2.309401	2.309401	4
27.62906	12.04583	224
4.678064	3.225246	11
302.8425	37.44107	5690
2.780887	2.780887	5
2.309401	1.154701	2
77.96412	42.01573	1662
12.7687	4.730217	38
2.309401	1.154701	2
21.1898	11.71821	133

29.35804	9.346301	199
6.268883	4.260157	19
2.309401	1.154701	2
31.8137	17.36631	269
5.276769	3.789479	15
7.074572	4.845431	24
3.651484	3.05505	8
5.186141	2.926431	11
18.00659	3.590197	40
4.470371	3.856397	13
7.77079	4.969674	29
6.056681	2.413148	10
2.309401	2.309401	4
14.70189	10.26649	95
3.651484	3.05505	8
28.45126	14.38571	230
11.21731	3.658268	26
10.7114	6.254002	40
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
7.568346	6.535711	34
17.16384	5.465255	66
15.4719	11.53653	83
2.309401	1.154701	2
2.780887	2.780887	5
6.764315	3.811619	19
8.555703	3.417566	21
6.282692	3.846997	18
1.154701	1.154701	1
43.66158	23.91097	636
197.4286	95.82073	2658
52.70521	12.22562	444
2.309401	2.309401	4
218.0433	33.02526	3650
14.92557	5.708687	62
4.258325	3.208323	10
2.780887	2.780887	5
4.312826	2.228038	7
83.31453	14.36067	432
1.154701	1.154701	1
4.163332	3.354599	10
54.526	13.55867	475

14.3015	7.758658	82
15.5033	9.851652	113
3.464102	2.309401	6
2.581989	1.763834	3
26.26382	4.685624	48
7.038218	2.835736	13
2.309401	2.309401	4
7.459354	5.544141	31
1.154701	1.154701	1
15.14358	8.37803	59
26.97928	8.934121	144
3.464102	2.309401	6
2.309401	1.154701	2
4.085748	3.306559	10
6.308318	5.330127	26
19.94285	12.37074	136
2.309401	1.154701	2
2.309401	1.154701	2
35.60094	10.45825	264
3.236694	3.028212	7
262.3523	94.07325	7466
21.64776	3.766108	45
46.48973	10.95593	270
8.251532	3.080985	18
4.973096	4.322613	16
7.281678	4.03999	22
7.175112	4.337501	23
25.04394	7.192269	120
2.309401	2.309401	4
65.61662	21.52415	993
10.60879	4.15729	29
2.309401	1.154701	2
3.306559	2.129163	5
33.11329	17.54172	264
3.306559	2.129163	5
5.188911	3.790658	13
1.154701	1.154701	1
3.333333	2.581989	6
25.39384	10.97132	180
2.309401	1.154701	2
10.54789	2.15396	13
5.294974	3.535497	13
2.309401	1.154701	2

5.266245	2.780887	10
2.309401	1.154701	2
4.300534	2.887099	7
3.306559	2.129163	5
15.30621	7.729204	69
64.08351	11.0309	507
3.98482	3.849797	11
12.96068	5.965461	52
2.309401	2.309401	4
10.01453	4.403809	26
2.309401	2.309401	4
3.464102	1.154701	3
16.58342	7.24697	63
7.783799	4.177504	23
73.91724	36.46793	1153
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
5.944753	3.412708	10
1.154701	1.154701	1
34.22535	12.79336	204
1.154701	1.154701	1
8.790551	6.800747	45
13.91959	4.974441	41
2.309401	2.309401	4
3.333333	2.581989	6
19.08108	3.868962	40
2.309401	2.309401	4
91.44769	36.98257	2190
3.306559	2.129163	5
4.973096	4.322613	16
2.309401	1.154701	2
11.67543	3.600436	28
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
6.603358	4.538194	21
7.435705	6.362795	29
25.03561	16.46578	250
2.309401	1.154701	2
1.154701	1.154701	1
9.009808	4.189334	23
2.780887	2.780887	5

9.387568	3.043063	20
20.97498	8.117773	84
1.154701	1.154701	1
2.309401	1.154701	2
138.5343	41.53973	2087
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
6.421877	2.895643	13
3.827022	2.75906	7
4.952447	2.715603	9
10.69095	4.700868	26
4.881412	3.862657	14
1.154701	1.154701	1
13.64653	5.530151	31
108.8132	43.93528	3508
35.27151	6.106317	110
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	2.309401	4
13.10723	6.383175	43
6.965929	2.345318	9
2.309401	1.154701	2
2.309401	1.154701	2
23.351	14.8637	216
6.671181	4.466221	22
32.03459	10.15632	177
3.306559	2.129163	5
8.834059	3.555447	23
6.53324	2.621514	12
1.154701	1.154701	1
2.780887	2.780887	5
16.7707	6.196223	46
2.309401	1.154701	2
4.312826	2.228038	7
3.05505	2.081666	4
14.28219	8.554695	69
2.309401	1.154701	2
9.199128	4.900148	32
4.279143	2.665633	8
22.89036	13.10722	144
33.00949	18.0992	284

1.154701	1.154701	1
1.154701	1.154701	1
108.0628	32.80302	1539
7.7124	5.243251	28
4	4	12
4.279143	2.665633	8
4.472136	3.771236	12
2.309401	1.154701	2
12.59055	4.189505	38
2.309401	1.154701	2
3.05505	2.081666	4
2.309401	2.309401	4
2.309401	1.154701	2
5.868966	4.130546	18
2.309401	1.154701	2
11.2241	4.152089	31
5.186084	3.343574	13
6.928203	2.309401	12
46.57432	15.99763	521
33.561	13.15671	227
1.154701	1.154701	1
6.240071	3.756168	17
119.5158	72.9831	2087
3.05505	1.154701	2
5.773503	1.814529	7
37.08321	17.25135	408
16.38328	6.803963	77
18.76224	6.660675	87
9.755697	3.866501	27
5.809304	4.101206	18
2.309401	1.154701	2
2.309401	1.154701	2
8.424049	5.060068	30
114.3533	12.96895	805
3.464102	1.154701	3
15.99799	4.020915	46
15.70106	4.131138	39
12.46018	7.222006	58
25.12755	8.84273	156
3.306559	2.129163	5
2.780887	2.780887	5
5.029344	3.185929	12
26.77056	8.253512	160

13.56857	3.788041	25
4.678064	3.225246	11
59.07051	20.56633	862
2.581989	1.763834	3
2.309401	1.154701	2
136.3775	21.50823	1415
2.309401	1.154701	2
1.154701	1.154701	1
5.100422	3.073395	11
5.409162	2.325433	9
3.236694	3.028212	7
115.9028	13.83572	866
4.312826	2.228038	7
52.62963	4.705316	150
29.83563	7.115726	136
8.536294	4.089996	21
3.306559	2.129163	5
5.837408	2.22194	9
49.62526	18.89237	465
13.09516	6.844853	65
8.485935	2.28279	12
16.60642	3.480296	38
2.309401	2.309401	4
3.306559	2.129163	5
6.127454	3.779366	17
4.918381	2.429972	7
5.656854	2.981424	12
19.49559	8.427024	86
10.27365	3.805478	19
3.464102	2.309401	6
3.333333	2.581989	6
6.928203	2.309401	12
49.02462	8.215085	219
2.309401	1.154701	2
54.88284	5.679093	188
7.021414	4.387828	21
28.93944	3.494461	69
2.309401	2.309401	4
2.309401	2.309401	4
10.94821	3.37264	28
9.095161	3.05282	16
4	2.211083	6
1.154701	1.154701	1

4.618802	1.154701	4
12.01939	2.046744	13
12.28591	3.762805	30
4.685884	3.004855	10
2.581989	1.763834	3
2.309401	2.309401	4
5.450535	3.91578	16
3.464102	2.309401	6
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	2.309401	6
4.952447	2.715603	9
2.309401	1.154701	2
2.309401	1.154701	2
3.333333	2.581989	6
8.310806	2.97199	15
3.464102	2.309401	6
7.293576	2.462814	11
12.61901	4.485387	36
3.435909	1.691507	4
34.00392	4.164954	91
2.581989	1.763834	3
4.496908	3.2775	11
3.464102	2.309401	6
7.228542	3.02533	15
4.618802	2.309401	8
105.7336	6.123542	349
3.651484	1.825742	4
4.404498	2.855863	9
7.619534	3.747195	18
3.879126	2.918391	7
166.7916	12.4522	521
1.154701	1.154701	1
8.037317	5.102908	29
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
29.44411	7.522503	156
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
8.906341	3.679209	23
5.330127	3.286455	13

7.035407	3.09955	16
4.618802	2.309401	8
4.812125	3.737868	13
3.435909	1.691507	4
2.309401	2.309401	4
12.66335	4.466854	41

Table 6: Minor Cracks

Major Axis Length	Minor Axis Length	Area
3.333333	2.581989	6
4.053691	3.024539	9
2.309401	1.154701	2
4.136643	2.881814	8
3.306559	2.129163	5
1.154701	1.154701	1
4.053691	3.024539	9
8.824775	2.813232	13
2.309401	1.154701	2
3.464102	3.464102	9
1.154701	1.154701	1
1.154701	1.154701	1
4.312826	2.228038	7
1.154701	1.154701	1
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6.126075	2.882614	13
15.29083	8.20995	41
3.306559	2.129163	5
2.309401	1.154701	2
4.163332	2	6
1.154701	1.154701	1
2.309401	1.154701	2
4.404498	2.855863	9
2.309401	2.309401	4
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	2.309401	4
3.333333	2.581989	6
2.309401	1.154701	2
6.095335	2.606445	10
3.464102	2.309401	6
1.154701	1.154701	1
4	2.211083	6
3.333333	2.581989	6
4.618802	2.309401	8
20.67552	5.137302	38

3.333333	2.581989	6
3.879126	2.429972	7
2.309401	1.154701	2
3.333333	2.581989	6
6.059519	3.398367	10
1.154701	1.154701	1
2.309401	1.154701	2
15.00015	6.231446	60
3.435909	1.691507	4
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	1.154701	2
5.205709	3.199051	12
4.163332	2	6
2.309401	1.154701	2
2.309401	1.154701	2
10.69504	3.803486	28
1.154701	1.154701	1
2.309401	1.154701	2
11.2323	3.837584	26
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
3.435909	1.691507	4
1.154701	1.154701	1
5.71713	3.548708	14
2.309401	1.154701	2
2.309401	2.309401	4
5.856329	2.788376	11
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
4.531372	2.921187	10
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
3.464102	1.154701	3
4.618802	2.309401	8
4.163332	2.496256	7
2.309401	2.309401	4

1.154701	1.154701	1
6.386089	3.57205	16
3.306559	2.129163	5
2.309401	1.154701	2
3.464102	2.309401	6
5.786612	2.351055	9
3.306559	2.129163	5
4.239497	3.425395	10
5.803238	4.047233	17
1.154701	1.154701	1
1.154701	1.154701	1
3.829708	2.403701	6
6.107123	4.146056	17
7.374803	2.848379	13
3.879126	2.429972	7
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
8.65838	5.899975	29
1.154701	1.154701	1
2.309401	1.154701	2
4.136643	2.881814	8
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	2.309401	4
1.154701	1.154701	1
3.306559	2.129163	5
7.357536	2.274496	10
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
7.111576	1.740958	7
2.309401	1.154701	2
4.618802	1.154701	4
3.333333	2.581989	6
1.154701	1.154701	1
5.200028	2.790407	10
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2

3.435909	1.691507	4
8.587981	3.291832	21
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
42.44831	7.290967	225
2.309401	2.309401	4
5.120764	2.905933	9
4.430771	2.884248	9
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
15.33986	4.970451	43
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
3.464102	1.154701	3
5.605675	2.890361	12
2.309401	1.154701	2
2.309401	2.309401	4
3.52985	2.359413	5
5.408076	2.649411	10
3.464102	2.309401	6
2.309401	2.309401	4
11.04131	2.682105	16
4.618802	1.154701	4
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1

Picture-003

Table7: Total Cracks

Major Axis Length	Minor Axis Length	Area
4.053691	3.024539	9
1162.218	38.26426	21536
35.76224	7.815834	130
2.581989	1.763834	3
5.149897	3.755584	14
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	2.309401	4
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
11.54118	2.747825	22
2.581989	1.763834	3
8.076959	2.657452	14
2.581989	1.763834	3
19.41996	6.042382	83
4.053691	3.024539	9
3.464102	2.309401	6
2.309401	1.154701	2
4.745688	2.990837	10
4.053691	3.024539	9
7.718629	5.772678	32
4.915504	4.145954	15
17.86549	6.834174	80
1.154701	1.154701	1
2.309401	1.154701	2
4.881412	3.862657	14
2.309401	2.309401	4
19.28207	10.20751	103
2.780887	2.780887	5

1.154701	1.154701	1
7.355313	3.830189	21
3.651484	3.05505	8
4.653433	2.400464	8
9.166338	4.365629	29
2.309401	1.154701	2
1.154701	1.154701	1
8.624589	3.565514	22
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	2.309401	6
5.427055	3.544105	14
2.309401	2.309401	4
2.309401	2.309401	4
7.571878	3.966527	20
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.053691	3.024539	9
3.05505	2.081666	4
2.309401	1.154701	2
2.581989	1.763834	3
8.626695	4.497376	28
3.651484	2.972092	8
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
192.5061	30.2834	2383
6.853209	5.242822	26
11.36311	5.388896	36
34.45676	14.77112	248
336.5656	67.04033	8060
2.309401	1.154701	2
6.160411	3.074198	14
2.309401	2.309401	4
11.79815	4.528615	34
2.581989	1.763834	3
2.309401	1.154701	2
2.780887	2.780887	5

4.053691	3.024539	9
6.212927	5.384032	25
263.341	52.22374	7619
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
6.668597	3.708374	18
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	2.309401	4
5.735233	4.852059	21
2.309401	2.309401	4
3.464102	1.154701	3
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
6.112905	3.180469	14
5.576742	2.964598	12
3.763583	2.727798	7
4.053691	3.024539	9
8.292752	6.733087	43
2.309401	1.154701	2
1.154701	1.154701	1
7.702411	3.645497	21
3.464102	2.309401	6
5.186141	2.926431	11
5.84708	3.123529	13
3.333333	2.581989	6
2.309401	2.309401	4
2.309401	1.154701	2
13.3787	7.919937	73
2.581989	1.763834	3
2.309401	1.154701	2
4.163332	3.354599	10
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
5.396555	4.646308	19
2.309401	2.309401	4

8.884639	3.799052	21
3.464102	2.309401	6
6.163083	3.302316	15
3.05505	2.081666	4
3.05505	2.081666	4
11.7246	6.059488	41
7.972303	2.766484	13
3.333333	2.581989	6
2.581989	1.763834	3
9.165053	3.203058	15
1.154701	1.154701	1
5.286073	3.826547	14
2.581989	1.763834	3
2.309401	1.154701	2
9.309952	5.667943	39
4.745688	2.990837	10
4.258325	3.208323	10
14.12752	5.713839	50
2.309401	1.154701	2
17.44455	5.323998	53
2.309401	1.154701	2
3.827022	2.75906	7
8.575062	3.393398	22
2.581989	1.763834	3
2.309401	1.154701	2
8.218343	4.030458	23
32.86661	19.93007	230
3.306559	2.129163	5
10.63295	5.485886	41
9.991375	6.130824	38
6.485074	2.778775	12
9.803653	4.318077	23
2.309401	2.309401	4
2.309401	1.154701	2
9.016585	3.93976	26
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
8.841621	3.753984	25
6.44813	2.183642	10
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4

4.566475	3.564107	12
4.618802	2.309401	8
5.306721	3.924708	14
2.309401	1.154701	2
2.309401	2.309401	4
3.464102	1.154701	3
10.73799	4.31361	28
10.79541	7.119264	37
2.309401	2.309401	4
3.333333	2.581989	6
3.306559	2.129163	5
2.309401	1.154701	2
7.328729	4.394087	23
3.651484	3.05505	8
1.154701	1.154701	1
37.01289	17.30892	308
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
9.91778	8.014409	59
2.309401	1.154701	2
8.116803	1.98612	9
1.154701	1.154701	1
9.996892	3.495486	23
34.51188	15.53567	291
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
7.263426	5.681255	28
2.309401	1.154701	2
21.9441	11.29971	106
5.033223	2.83784	10
6.596785	3.883634	19
3.879126	2.429972	7
7.075826	4.221669	22
5.029344	3.185929	12
13.62939	5.357211	44
3.333333	2.581989	6
3.306559	2.129163	5
2.309401	1.154701	2
8.465961	5.240682	34

43.61469	22.07996	463
24.88478	16.5178	130
3.763583	2.727798	7
2.309401	1.154701	2
4.053691	3.024539	9
3.464102	3.464102	9
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.333333	2.581989	6
2.780887	2.780887	5
2.581989	1.763834	3
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
13.8064	10.43896	66
14.52285	6.739026	61
4.163332	2	6
2.581989	1.763834	3
7.568005	3.596898	19
2.309401	1.154701	2
5.409162	2.325433	9
2.581989	1.763834	3
4.312826	2.228038	7
5.277325	4.085524	16
6.32065	5.617433	18
2.581989	1.763834	3
2.581989	1.763834	3
3.236694	3.028212	7
3.306559	2.129163	5
6.068427	4.001712	18
2.309401	1.154701	2
13.78898	7.077323	51
3.05505	2.081666	4
2.309401	2.309401	4
4.053691	3.024539	9
9.893296	3.829741	28
2.309401	1.154701	2
2.309401	1.154701	2
4.396969	2.708013	8
12.004	6.832887	47
4.86122	3.625785	12

2.309401	2.309401	4
2.309401	2.309401	4
3.879126	2.429972	7
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.651484	2.972092	8
2.309401	2.309401	4
43.98681	32.65403	628
11.09406	9.090771	58
3.306559	2.129163	5
6.110101	4.258325	20
2.309401	2.309401	4
4.258325	3.208323	10
9.19544	5.257487	28
5.418787	3.086363	12
5.149897	3.755584	14
3.464102	2.309401	6
2.309401	2.309401	4
7.548149	2.220763	11
4.760952	2.619961	9
2.780887	2.780887	5
123.5064	46.71124	2937
9.75338	4.846699	33
8.833462	3.033433	19
4.053691	3.024539	9
5.450535	3.91578	16
16.65473	11.07331	96
2.309401	1.154701	2
3.236694	3.028212	7
14.76478	8.493344	69
3.464102	1.154701	3
3.333333	2.581989	6
20.79965	5.585188	62
8.849026	5.067549	33
51.25077	20.62178	431
6.252548	2.938944	13
2.309401	2.309401	4
25.27055	9.988327	97
17.6596	10.44812	118
2.309401	1.154701	2
4.881412	3.862657	14
2.309401	1.154701	2

7.372147	2.251246	8
3.651484	2.972092	8
4.085748	3.306559	10
5.172572	4.195076	16
12.26129	2.605959	17
39.54899	13.22061	260
11.63485	6.40519	56
2.581989	1.763834	3
5.462501	2.608267	9
6.179185	3.318879	14
9.033345	3.279317	17
3.05505	2.081666	4
3.306559	2.129163	5
7.223317	5.033223	22
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
4.618802	2.309401	8
1.154701	1.154701	1
20.5693	4.149595	57
31.70369	7.072145	139
7.682771	4.381274	23
2.581989	1.763834	3
22.7052	10.51295	116
2.309401	2.309401	4
93.81325	34.01952	1282
6.360126	3.802943	18
2.309401	1.154701	2
21.55893	11.41683	152
4.312826	2.228038	7
6.80932	3.645201	18
5.771314	3.680503	16
2.309401	2.309401	4
2.581989	1.763834	3
3.464102	2.309401	6
1.154701	1.154701	1
5.26425	4.437105	17
4	4	12
4.993614	4.43486	16
1.154701	1.154701	1
14.11678	10.61952	86
12.54268	6.143528	45
7.19355	4.036645	16

3.954101	3.336243	9
2.309401	1.154701	2
6.542499	5.573956	22
2.309401	2.309401	4
6.394905	2.747659	12
3.651484	1.825742	4
4	2.211083	6
6.67412	4.842891	23
2.309401	1.154701	2
1.154701	1.154701	1
4.678064	3.225246	11
2.309401	1.154701	2
4	2.211083	6
8.28308	3.722533	20
3.306559	2.129163	5
2.309401	1.154701	2
3.651484	1.825742	4
4.085748	3.306559	10
5.418787	3.086363	12
9.792723	8.586916	61
5.186084	3.343574	13
13.54182	5.681016	52
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
1.154701	1.154701	1
18.22197	5.368649	59
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
18.05806	9.208075	93
2.309401	1.154701	2
19.82439	8.542812	107
10.42349	4.942372	33
102.1476	52.95399	2829
2.581989	1.763834	3
17.16645	10.7453	124
5.435641	2.348517	9
113.5833	57.57639	3936
5.87285	2.382499	8
4.163332	2.496256	7
2.309401	1.154701	2
2.309401	2.309401	4

34.75818	13.37219	263
2.309401	1.154701	2
27.44993	7.717922	118
5.837408	2.22194	9
2.309401	2.309401	4
9.535286	4.331607	27
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	3.05505	8
6.433893	2.496071	11
3.464102	1.154701	3
39.65721	12.72262	284
3.306559	2.129163	5
4.163332	2	6
5.427055	3.544105	14
3.879126	2.429972	7
2.309401	1.154701	2
638.2437	49.51234	14588
7.88247	2.966479	15
6.117676	4.974418	22
27.45739	6.540373	110
2.309401	1.154701	2
28.93144	14.32875	206
23.87589	7.312889	59
5.773503	2.309401	10
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
7.121192	4.254885	22
7.791988	3.986556	21
3.464102	1.154701	3
2.581989	1.763834	3
5.45139	3.141989	13
5.186141	2.926431	11
4.653433	2.400464	8
40.22133	10.82544	218
2.309401	1.154701	2
5.38384	3.751273	15
3.306559	2.129163	5
1.154701	1.154701	1
359.3913	226.7268	51691
7.766922	4.343889	24
1.154701	1.154701	1

5.887841	2.94392	12
4.883346	3.517833	12
5.570349	3.351077	14
4.653433	2.400464	8
24.61641	15.76492	207
19.31019	4.770558	65
18.60655	12.84309	139
2.309401	1.154701	2
3.763583	2.727798	7
3.05505	2.081666	4
4.163332	1.8037	5
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
9.761335	3.011958	15
10.41499	4.266004	31
3.306559	2.129163	5
2.309401	1.154701	2
5.806019	3.242278	12
2.309401	1.154701	2
37.45796	20.2831	447
10.30465	4.382619	25
6.061686	3.9852	14
5.723802	3.236694	14
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
14.37314	5.677245	61
24.04439	17.19627	302
6.067988	3.11174	14
2.309401	2.309401	4
5.205158	2.112318	6
3.05505	2.081666	4
6.267661	3.896866	18
2.309401	1.154701	2
6.414964	3.741569	17
2.309401	2.309401	4
2.309401	1.154701	2
3.236694	3.028212	7
10.56757	6.517635	51
2.309401	1.154701	2
4.776412	2.160759	7
11.57677	7.217274	56

1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
21.26252	6.400345	101
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
5.695026	4.709346	19
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
6.801006	2.956266	14
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
3.464102	1.154701	3
23.4302	10.27826	165
3.464102	2.309401	6
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
36.46621	13.08787	316
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
4.513541	2.018017	6
38.57041	23.17541	493
3.464102	2.309401	6
19.71108	3.3752	38
2.309401	1.154701	2
6.666413	5.410995	26
1.154701	1.154701	1
7.04255	4.907766	23
2.309401	2.309401	4

5.001736	3.493545	12
17.43767	3.14996	37
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.52985	2.359413	5
3.651484	2.972092	8
3.306559	2.129163	5
1.154701	1.154701	1
3.05505	2.081666	4
3.05505	2.081666	4
2.309401	1.154701	2
3.236694	3.028212	7
2.581989	1.763834	3
1.154701	1.154701	1
18.80147	7.102991	91
7.712444	4.499995	26
1.154701	1.154701	1
9.529852	5.651304	38
1.154701	1.154701	1
11.24739	6.176181	52
89.64224	24.0864	1464
9.844667	2.142297	13
15.03341	6.630323	55
2.309401	2.309401	4
52.7288	11.34216	390
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
7.911311	2.960628	16
27.02445	6.405693	119
2.309401	2.309401	4
34.78509	8.396541	174
2.581989	1.763834	3
4.163332	1.8037	5
11.52639	4.710941	39
8.358316	2.051873	11
4.881412	3.862657	14
5.665912	3.154159	13
3.464102	2.309401	6
1.154701	1.154701	1
2.581989	1.763834	3
107.0577	17.62156	925

58.15439	23.64293	785
17.03601	4.225025	48
8.1884	4.320593	27
1.154701	1.154701	1
31.21246	14.23947	307
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
46.54209	27.04896	850
1.154701	1.154701	1
4.056654	2.865349	8
15.36498	3.966853	42
1.154701	1.154701	1
13.85528	5.049545	40
3.306559	2.129163	5
2.581989	1.763834	3
68.37585	26.95625	1060
2.309401	1.154701	2
4.618802	1.154701	4
4.163332	3.656008	11
7.352087	5.605999	31
2.309401	1.154701	2
5.83221	4.010057	14
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	2.496256	7
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
3.306559	2.129163	5
5.262061	1.926673	7
5.206419	2.601874	9
1.154701	1.154701	1
4	2.211083	6
2.581989	1.763834	3
6.031353	3.021989	11
2.309401	1.154701	2

4.052781	3.452628	9
2.309401	1.154701	2
2.309401	1.154701	2
4.258325	3.208323	10
5.033223	2.309401	8
1.154701	1.154701	1
4.163332	2.496256	7
1.154701	1.154701	1
10.5106	4.1441	28
1.154701	1.154701	1
17.80852	9.041478	106
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	2.309401	4
20.07798	6.559574	85
4.745688	2.990837	10
2.309401	1.154701	2
11.08926	8.539517	72
2.309401	2.309401	4
8.347531	4.038501	19
3.306559	2.129163	5
1.154701	1.154701	1
8.458352	2.188518	12
7.02141	2.672381	13
1.154701	1.154701	1
3.52985	2.359413	5
2.309401	1.154701	2
1.154701	1.154701	1
3.651484	1.825742	4
3.05505	2.081666	4
39.69948	28.68781	748
3.435909	1.691507	4
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2

5.773503	2.309401	10
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
29.40419	18.37701	386
5.614444	3.497634	13
302.6553	96.02869	9977
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
11.21415	7.030241	52
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
7.514524	3.154139	16
2.309401	1.154701	2
13.45406	5.557345	54
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
3.435909	1.691507	4
3.651484	1.825742	4
5.513256	3.444199	14
3.306559	2.129163	5
51.27598	26.80727	625
5.816422	4.538271	20
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	2.309401	4
7.844358	4.234703	25
2.309401	1.154701	2
4.312826	2.228038	7
1.154701	1.154701	1
6.094027	3.413496	14
10.60135	5.62656	44
2.309401	1.154701	2
2.581989	1.763834	3
11.86276	6.301661	52

3.333333	2.581989	6
13.19583	3.759094	33
5.975322	4.907765	22
2.309401	1.154701	2
11.39695	11.07695	74
1.154701	1.154701	1
3.763583	2.727798	7
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	2.309401	4
4	2.211083	6
5.323477	2.81319	11
9.416357	5.802652	32
4.312826	2.228038	7
4.470371	3.856397	13
18.63128	4.640658	47
111.1237	8.067659	506
3.651484	1.825742	4
2.309401	1.154701	2
21.22803	3.655223	46
31.23001	4.49524	91
2.309401	1.154701	2
3.651484	1.825742	4
65.47372	4.092726	190
3.651484	3.05505	8
20.32353	3.130868	46
2.309401	1.154701	2
11.73683	3.241192	28
10.3923	2.309401	18
30.02221	2.309401	52
12.70171	2.309401	22

Table 8: Major Cracks

Major Axis Length	Minor Axis Length	Area
4.053691	3.024539	9
1162.218	38.26426	21536
35.76224	7.815834	130
2.581989	1.763834	3

5.149897	3.755584	14
2.309401	2.309401	4
11.54118	2.747825	22
8.076959	2.657452	14
2.581989	1.763834	3
19.41996	6.042382	83
4.053691	3.024539	9
2.309401	1.154701	2
4.745688	2.990837	10
4.053691	3.024539	9
7.718629	5.772678	32
4.915504	4.145954	15
17.86549	6.834174	80
1.154701	1.154701	1
2.309401	1.154701	2
4.881412	3.862657	14
2.309401	2.309401	4
19.28207	10.20751	103
2.780887	2.780887	5
7.355313	3.830189	21
3.651484	3.05505	8
4.653433	2.400464	8
9.166338	4.365629	29
2.309401	1.154701	2
1.154701	1.154701	1
8.624589	3.565514	22
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	2.309401	6
5.427055	3.544105	14
2.309401	2.309401	4
2.309401	2.309401	4
7.571878	3.966527	20
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.053691	3.024539	9
3.05505	2.081666	4
2.309401	1.154701	2
2.581989	1.763834	3
8.626695	4.497376	28
3.651484	2.972092	8
2.309401	1.154701	2

1.154701	1.154701	1
2.309401	1.154701	2
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
192.5061	30.2834	2383
6.853209	5.242822	26
11.36311	5.388896	36
34.45676	14.77112	248
336.5656	67.04033	8060
2.309401	1.154701	2
6.160411	3.074198	14
2.309401	2.309401	4
11.79815	4.528615	34
2.581989	1.763834	3
2.309401	1.154701	2
2.780887	2.780887	5
4.053691	3.024539	9
6.212927	5.384032	25
263.341	52.22374	7619
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
6.668597	3.708374	18
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	2.309401	4
5.735233	4.852059	21
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	1.154701	2
6.112905	3.180469	14
5.576742	2.964598	12
4.053691	3.024539	9
8.292752	6.733087	43
7.702411	3.645497	21
3.464102	2.309401	6
5.186141	2.926431	11
5.84708	3.123529	13

2.309401	2.309401	4
2.309401	1.154701	2
13.3787	7.919937	73
4.163332	3.354599	10
2.309401	1.154701	2
5.396555	4.646308	19
2.309401	2.309401	4
8.884639	3.799052	21
3.464102	2.309401	6
6.163083	3.302316	15
3.05505	2.081666	4
11.7246	6.059488	41
7.972303	2.766484	13
3.333333	2.581989	6
9.165053	3.203058	15
1.154701	1.154701	1
5.286073	3.826547	14
2.581989	1.763834	3
9.309952	5.667943	39
4.745688	2.990837	10
14.12752	5.713839	50
2.309401	1.154701	2
17.44455	5.323998	53
2.309401	1.154701	2
3.827022	2.75906	7
8.575062	3.393398	22
2.581989	1.763834	3
8.218343	4.030458	23
32.86661	19.93007	230
3.306559	2.129163	5
10.63295	5.485886	41
9.991375	6.130824	38
6.485074	2.778775	12
9.803653	4.318077	23
2.309401	2.309401	4
9.016585	3.93976	26
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
8.841621	3.753984	25
6.44813	2.183642	10
2.581989	1.763834	3
2.309401	1.154701	2

2.309401	2.309401	4
4.566475	3.564107	12
4.618802	2.309401	8
5.306721	3.924708	14
2.309401	1.154701	2
2.309401	2.309401	4
10.73799	4.31361	28
10.79541	7.119264	37
2.309401	2.309401	4
3.333333	2.581989	6
3.306559	2.129163	5
2.309401	1.154701	2
7.328729	4.394087	23
3.651484	3.05505	8
1.154701	1.154701	1
37.01289	17.30892	308
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
9.91778	8.014409	59
2.309401	1.154701	2
8.116803	1.98612	9
1.154701	1.154701	1
9.996892	3.495486	23
34.51188	15.53567	291
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
7.263426	5.681255	28
2.309401	1.154701	2
21.9441	11.29971	106
5.033223	2.83784	10
6.596785	3.883634	19
3.879126	2.429972	7
7.075826	4.221669	22
5.029344	3.185929	12
13.62939	5.357211	44
3.333333	2.581989	6
3.306559	2.129163	5
2.309401	1.154701	2
8.465961	5.240682	34

43.61469	22.07996	463
24.88478	16.5178	130
3.763583	2.727798	7
2.309401	1.154701	2
4.053691	3.024539	9
3.464102	3.464102	9
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.333333	2.581989	6
2.780887	2.780887	5
2.581989	1.763834	3
2.309401	2.309401	4
2.581989	1.763834	3
13.8064	10.43896	66
14.52285	6.739026	61
4.163332	2	6
2.581989	1.763834	3
7.568005	3.596898	19
2.309401	1.154701	2
5.409162	2.325433	9
2.581989	1.763834	3
4.312826	2.228038	7
5.277325	4.085524	16
6.32065	5.617433	18
2.581989	1.763834	3
2.581989	1.763834	3
3.236694	3.028212	7
3.306559	2.129163	5
6.068427	4.001712	18
13.78898	7.077323	51
3.05505	2.081666	4
2.309401	2.309401	4
4.053691	3.024539	9
9.893296	3.829741	28
2.309401	1.154701	2
4.396969	2.708013	8
12.004	6.832887	47
4.86122	3.625785	12
2.309401	2.309401	4
2.309401	2.309401	4
3.879126	2.429972	7

2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.651484	2.972092	8
2.309401	2.309401	4
43.98681	32.65403	628
11.09406	9.090771	58
3.306559	2.129163	5
6.110101	4.258325	20
2.309401	2.309401	4
4.258325	3.208323	10
9.19544	5.257487	28
5.418787	3.086363	12
5.149897	3.755584	14
3.464102	2.309401	6
2.309401	2.309401	4
7.548149	2.220763	11
4.760952	2.619961	9
2.780887	2.780887	5
123.5064	46.71124	2937
9.75338	4.846699	33
8.833462	3.033433	19
4.053691	3.024539	9
5.450535	3.91578	16
16.65473	11.07331	96
2.309401	1.154701	2
3.236694	3.028212	7
14.76478	8.493344	69
3.333333	2.581989	6
20.79965	5.585188	62
8.849026	5.067549	33
51.25077	20.62178	431
6.252548	2.938944	13
2.309401	2.309401	4
25.27055	9.988327	97
17.6596	10.44812	118
2.309401	1.154701	2
4.881412	3.862657	14
2.309401	1.154701	2
7.372147	2.251246	8
3.651484	2.972092	8
4.085748	3.306559	10
5.172572	4.195076	16

12.26129	2.605959	17
39.54899	13.22061	260
11.63485	6.40519	56
5.462501	2.608267	9
6.179185	3.318879	14
9.033345	3.279317	17
3.05505	2.081666	4
3.306559	2.129163	5
7.223317	5.033223	22
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
4.618802	2.309401	8
20.5693	4.149595	57
31.70369	7.072145	139
7.682771	4.381274	23
22.7052	10.51295	116
2.309401	2.309401	4
93.81325	34.01952	1282
6.360126	3.802943	18
2.309401	1.154701	2
21.55893	11.41683	152
4.312826	2.228038	7
6.80932	3.645201	18
5.771314	3.680503	16
2.309401	2.309401	4
2.581989	1.763834	3
3.464102	2.309401	6
5.26425	4.437105	17
4	4	12
4.993614	4.43486	16
14.11678	10.61952	86
12.54268	6.143528	45
3.954101	3.336243	9
2.309401	1.154701	2
6.542499	5.573956	22
2.309401	2.309401	4
6.394905	2.747659	12
4	2.211083	6
6.67412	4.842891	23
2.309401	1.154701	2
4.678064	3.225246	11
2.309401	1.154701	2

4	2.211083	6
8.28308	3.722533	20
2.309401	1.154701	2
3.651484	1.825742	4
4.085748	3.306559	10
5.418787	3.086363	12
9.792723	8.586916	61
5.186084	3.343574	13
13.54182	5.681016	52
2.309401	1.154701	2
1.154701	1.154701	1
18.22197	5.368649	59
2.309401	1.154701	2
18.05806	9.208075	93
19.82439	8.542812	107
10.42349	4.942372	33
102.1476	52.95399	2829
2.581989	1.763834	3
17.16645	10.7453	124
5.435641	2.348517	9
113.5833	57.57639	3936
5.87285	2.382499	8
4.163332	2.496256	7
2.309401	2.309401	4
34.75818	13.37219	263
27.44993	7.717922	118
5.837408	2.22194	9
1.154701	1.154701	1
3.651484	3.05505	8
6.433893	2.496071	11
3.464102	1.154701	3
39.65721	12.72262	284
3.306559	2.129163	5
5.427055	3.544105	14
3.879126	2.429972	7
638.2437	49.51234	14588
7.88247	2.966479	15
6.117676	4.974418	22
27.45739	6.540373	110
2.309401	1.154701	2
28.93144	14.32875	206
23.87589	7.312889	59
5.773503	2.309401	10

1.154701	1.154701	1
2.309401	1.154701	2
7.121192	4.254885	22
7.791988	3.986556	21
5.45139	3.141989	13
5.186141	2.926431	11
4.653433	2.400464	8
40.22133	10.82544	218
5.38384	3.751273	15
3.306559	2.129163	5
1.154701	1.154701	1
359.3913	226.7268	51691
7.766922	4.343889	24
1.154701	1.154701	1
5.887841	2.94392	12
4.883346	3.517833	12
5.570349	3.351077	14
4.653433	2.400464	8
24.61641	15.76492	207
19.31019	4.770558	65
18.60655	12.84309	139
3.763583	2.727798	7
3.05505	2.081666	4
4.163332	1.8037	5
1.154701	1.154701	1
3.464102	2.309401	6
9.761335	3.011958	15
10.41499	4.266004	31
3.306559	2.129163	5
5.806019	3.242278	12
37.45796	20.2831	447
10.30465	4.382619	25
6.061686	3.9852	14
5.723802	3.236694	14
3.464102	1.154701	3
2.309401	1.154701	2
14.37314	5.677245	61
24.04439	17.19627	302
6.067988	3.11174	14
6.267661	3.896866	18
6.414964	3.741569	17
2.309401	1.154701	2
3.236694	3.028212	7

10.56757	6.517635	51
4.776412	2.160759	7
11.57677	7.217274	56
21.26252	6.400345	101
1.154701	1.154701	1
5.695026	4.709346	19
2.309401	2.309401	4
23.4302	10.27826	165
3.464102	2.309401	6
36.46621	13.08787	316
38.57041	23.17541	493
3.464102	2.309401	6
19.71108	3.3752	38
2.309401	1.154701	2
6.666413	5.410995	26
7.04255	4.907766	23
2.309401	2.309401	4
5.001736	3.493545	12
17.43767	3.14996	37
3.651484	2.972092	8
3.306559	2.129163	5
3.05505	2.081666	4
3.05505	2.081666	4
2.309401	1.154701	2
18.80147	7.102991	91
7.712444	4.499995	26
1.154701	1.154701	1
9.529852	5.651304	38
11.24739	6.176181	52
89.64224	24.0864	1464
9.844667	2.142297	13
15.03341	6.630323	55
52.7288	11.34216	390
7.911311	2.960628	16
27.02445	6.405693	119
34.78509	8.396541	174
4.163332	1.8037	5
11.52639	4.710941	39
8.358316	2.051873	11
4.881412	3.862657	14
5.665912	3.154159	13
3.464102	2.309401	6
1.154701	1.154701	1

107.0577	17.62156	925
58.15439	23.64293	785
17.03601	4.225025	48
8.1884	4.320593	27
31.21246	14.23947	307
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
46.54209	27.04896	850
15.36498	3.966853	42
13.85528	5.049545	40
68.37585	26.95625	1060
4.163332	3.656008	11
7.352087	5.605999	31
5.83221	4.010057	14
2.309401	1.154701	2
2.309401	2.309401	4
5.262061	1.926673	7
2.581989	1.763834	3
2.309401	1.154701	2
4.258325	3.208323	10
17.80852	9.041478	106
20.07798	6.559574	85
4.745688	2.990837	10
11.08926	8.539517	72
8.347531	4.038501	19
8.458352	2.188518	12
7.02141	2.672381	13
1.154701	1.154701	1
3.05505	2.081666	4
39.69948	28.68781	748
2.309401	1.154701	2
2.581989	1.763834	3
29.40419	18.37701	386
5.614444	3.497634	13
302.6553	96.02869	9977
11.21415	7.030241	52
1.154701	1.154701	1
7.514524	3.154139	16
2.309401	1.154701	2
13.45406	5.557345	54
3.306559	2.129163	5
3.435909	1.691507	4

5.513256	3.444199	14
51.27598	26.80727	625
5.816422	4.538271	20
2.309401	2.309401	4
7.844358	4.234703	25
1.154701	1.154701	1
6.094027	3.413496	14
10.60135	5.62656	44
11.86276	6.301661	52
3.333333	2.581989	6
13.19583	3.759094	33
5.975322	4.907765	22
2.309401	1.154701	2
11.39695	11.07695	74
1.154701	1.154701	1
3.763583	2.727798	7
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	2.309401	4
4	2.211083	6
5.323477	2.81319	11
9.416357	5.802652	32
4.312826	2.228038	7
4.470371	3.856397	13
18.63128	4.640658	47
111.1237	8.067659	506
3.651484	1.825742	4
2.309401	1.154701	2
21.22803	3.655223	46
31.23001	4.49524	91
2.309401	1.154701	2
3.651484	1.825742	4
65.47372	4.092726	190
3.651484	3.05505	8
20.32353	3.130868	46
2.309401	1.154701	2
11.73683	3.241192	28
10.3923	2.309401	18
30.02221	2.309401	52
12.70171	2.309401	22

Table 9: Minor Cracks

Major Axis Length	Minor Axis Length	Area
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	2.309401	4
2.309401	2.309401	4
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.763583	2.727798	7
2.309401	1.154701	2
1.154701	1.154701	1
3.333333	2.581989	6
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	2.081666	4
2.581989	1.763834	3
2.309401	1.154701	2
4.258325	3.208323	10
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
2.581989	1.763834	3

1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
7.19355	4.036645	16
3.651484	1.825742	4
1.154701	1.154701	1
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
9.535286	4.331607	27
1.154701	1.154701	1
4.163332	2	6
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
5.205158	2.112318	6
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2

2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
6.801006	2.956266	14
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.464102	1.154701	3
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
4.513541	2.018017	6
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.52985	2.359413	5
1.154701	1.154701	1
3.236694	3.028212	7
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1

1.154701	1.154701	1
4.056654	2.865349	8
1.154701	1.154701	1
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
4.618802	1.154701	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	2.496256	7
1.154701	1.154701	1
3.306559	2.129163	5
5.206419	2.601874	9
1.154701	1.154701	1
4	2.211083	6
6.031353	3.021989	11
2.309401	1.154701	2
4.052781	3.452628	9
2.309401	1.154701	2
5.033223	2.309401	8
1.154701	1.154701	1
4.163332	2.496256	7
1.154701	1.154701	1
10.5106	4.1441	28
1.154701	1.154701	1
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
3.306559	2.129163	5
1.154701	1.154701	1
1.154701	1.154701	1
3.52985	2.359413	5
2.309401	1.154701	2
3.651484	1.825742	4
3.435909	1.691507	4

2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
5.773503	2.309401	10
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
3.651484	1.825742	4
3.306559	2.129163	5
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
4.312826	2.228038	7
2.309401	1.154701	2
2.581989	1.763834	3

Picture: 006

Table10: Total Cracks

	Minor Axis Length	Area
2083.743	208.9127	242966
5.382351	3.022414	11
7.209648	3.618296	19
8.96481	3.277018	20
1.154701	1.154701	1
7.797216	5.677914	29

3.306559	2.129163	5
2.309401	1.154701	2
6.490475	3.256167	15
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
4.618802	2.309401	8
3.651484	2.972092	8
6.097555	2.691931	10
8.845052	6.792726	39
20.75452	6.774358	88
2.581989	1.763834	3
7.432102	2.705442	12
6.911595	4.59249	24
5.308994	4.202932	17
3.05505	2.081666	4
5.106858	3.944053	15
4.279143	2.665633	8
2.581989	1.763834	3
1.154701	1.154701	1
8.761437	2.944372	18
3.651484	3.05505	8
2.309401	1.154701	2
2.581989	1.763834	3
15.25761	7.224874	45
4.678064	3.225246	11
2.309401	1.154701	2
5.200028	2.790407	10
9.223798	2.818005	17
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
4.163332	2	6
5.570349	3.351077	14
2.309401	2.309401	4
4.760952	3.038843	9
6.324588	2.286101	10
3.306559	2.129163	5
4.085748	3.306559	10
7.509007	4.669206	25
1.154701	1.154701	1
2.581989	1.763834	3

3.05505	2.081666	4
5.801092	2.613843	11
7.429015	2.774639	12
13.79183	8.979242	62
1.154701	1.154701	1
9.007217	6.15056	41
6.115954	4.748792	22
1.154701	1.154701	1
4.163332	2.496256	7
6.022382	2.718329	11
2.309401	1.154701	2
4.678064	3.225246	11
2.581989	1.763834	3
2.309401	1.154701	2
5.273542	3.669968	14
3.333333	2.581989	6
2.309401	1.154701	2
6.552528	3.12942	15
6.574619	2.624022	12
2.309401	2.309401	4
4.312826	2.228038	7
2.309401	1.154701	2
10.35226	3.722564	20
2.581989	1.763834	3
3.306559	2.129163	5
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
3.954101	3.336243	9
2.581989	1.763834	3
5.882564	3.485829	15
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
2.581989	1.763834	3
4.056654	2.865349	8
2.309401	1.154701	2
1.154701	1.154701	1
4.618802	2.309401	8

1.154701	1.154701	1
4.053691	3.024539	9
1.154701	1.154701	1
5.932003	2.056211	8
3.333333	2.581989	6
2.309401	2.309401	4
2.581989	1.763834	3
3.651484	1.825742	4
4.085748	3.306559	10
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
3.464102	2.309401	6
4.053691	3.024539	9
1.154701	1.154701	1
2.309401	1.154701	2
5.125685	2.115574	7
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.651484	1.825742	4
3.925855	3.000722	8
2.581989	1.763834	3
1.154701	1.154701	1
3.05505	2.081666	4
3.763583	2.727798	7
3.464102	2.309401	6
5.291503	2.504317	9
4.71767	3.856397	13
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
4.618802	2.614065	8
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3.05505	2.081666	4
3.435909	1.691507	4
5.773503	2.309401	10
14.03144	7.755905	58
2.309401	1.154701	2
2.309401	2.309401	4
59.88498	21.70424	676
2.581989	1.763834	3
6.989463	4.617638	23
1.154701	1.154701	1
3.651484	3.05505	8
9.098149	3.195518	18
16.36361	6.047625	68
2.581989	1.763834	3
4.760952	2.619961	9
5.416026	4.041452	16
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
10.32658	5.463377	40
2.309401	2.309401	4
13.78337	5.097438	48
1.154701	1.154701	1
3.829708	2.403701	6
2.309401	2.309401	4
10.20978	4.253719	29
43.64319	24.08824	491
11.63533	8.874019	58
2.309401	2.309401	4
13.27092	4.930775	43
2.309401	2.309401	4
3.879126	2.429972	7
15.87877	5.838531	55
9.521161	6.315391	40
12.40963	4.08111	36
4.653433	2.400464	8
2.309401	1.154701	2
2.309401	2.309401	4
5.45139	3.141989	13
4.312826	2.228038	7
3.651484	3.05505	8

30.34946	25.22418	398
5.184264	4.646033	15
23.7362	6.024088	82
6.665476	3.489355	16
5.559436	2.513829	10
18.04784	4.126397	49
14.19476	5.095958	55
9.028626	5.525694	36
3.306559	2.129163	5
6.202253	2.552014	11
21.24769	8.078922	117
5.27994	3.668183	12
2.581989	1.763834	3
3.464102	2.309401	6
4.881412	3.862657	14
6.262825	1.983302	7
12.25779	3.835368	32
6.762978	3.001738	14
2.780887	2.780887	5
19.69737	6.15683	91
2.309401	1.154701	2
4.864662	2.960022	10
8.624256	3.977015	24
3.651484	2.972092	8
23.55667	5.291639	49
7.466987	4.542481	21
2.309401	1.154701	2
3.333333	2.581989	6
10.21257	3.841588	28
5.643021	3.156498	11
4.890968	4.682786	17
2.581989	1.763834	3
13.90791	8.23029	71
2.309401	1.154701	2
4.163332	3.354599	10
3.651484	3.05505	8
3.306559	2.129163	5
1.154701	1.154701	1
12.25916	4.686585	38
7.556297	4.211378	24
3.879126	2.429972	7
6.304081	3.205022	14
2.309401	2.309401	4

2.581989	1.763834	3
5.858184	4.197822	17
6.056681	2.413148	10
4.531372	2.921187	10
1.154701	1.154701	1
3.464102	3.464102	9
2.309401	2.309401	4
18.59049	6.632085	75
10.99002	4.692757	36
10.46224	5.009748	34
7.630495	3.862842	22
20.18589	9.034094	101
3.306559	2.129163	5
4.053691	3.024539	9
7.042782	3.818887	19
2.309401	1.154701	2
7.154222	3.390814	17
22.20556	5.968368	81
19.78672	11.99019	120
3.333333	2.581989	6
13.56387	6.63018	60
52.14246	8.862247	224
2.780887	2.780887	5
4.396969	2.708013	8
12.96234	7.236499	49
3.464102	2.309401	6
23.32724	6.539137	69
2.581989	1.763834	3
1.154701	1.154701	1
9.062377	2.275958	10
7.176105	4.526967	23
2.309401	1.154701	2
3.306559	2.129163	5
4.618802	2.309401	8
15.59553	5.866629	61
3.651484	3.05505	8
7.377169	4.892479	26
7.113558	3.36604	13
14.93776	3.729898	38
4.260095	2.741945	8
6.836099	2.761653	13
11.37672	4.982256	41
13.88764	4.620357	45

8.793242	4.315556	27
6.643172	4.874131	24
2.309401	1.154701	2
3.464102	2.309401	6
3.464102	2.309401	6
3.464102	2.309401	6
9.635241	3.133325	19
2.309401	1.154701	2
7.729383	3.295574	16
5.316397	2.872948	11
2.309401	1.154701	2
3.333333	2.581989	6
4.712847	2.989271	10
3.333333	2.581989	6
3.306559	2.129163	5
3.05505	1.154701	2
3.879126	2.429972	7
4.253087	1.943686	5
2.581989	1.763834	3
3.333333	2.581989	6
3.435909	1.691507	4
5.45139	3.141989	13
5.773503	2.309401	10
2.309401	1.154701	2
2.309401	2.309401	4
4.312826	2.228038	7
2.309401	1.154701	2

Table 11: Major Cracks

Major Axis Length	Minor Axis Length	Area
2083.733	208.8976	242951
5.382351	3.022414	11
7.209648	3.618296	19
8.96481	3.277018	20
7.797216	5.677914	29
3.306559	2.129163	5
6.490475	3.256167	15
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	2.972092	8

8.845052	6.792726	39
20.75452	6.774358	88
2.581989	1.763834	3
7.432102	2.705442	12
6.911595	4.59249	24
5.308994	4.202932	17
5.106858	3.944053	15
4.279143	2.665633	8
2.581989	1.763834	3
8.761437	2.944372	18
3.651484	3.05505	8
15.25761	7.224874	45
4.678064	3.225246	11
2.309401	1.154701	2
5.200028	2.790407	10
9.223798	2.818005	17
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
4.163332	2	6
5.570349	3.351077	14
2.309401	2.309401	4
4.760952	3.038843	9
6.324588	2.286101	10
3.306559	2.129163	5
4.085748	3.306559	10
7.509007	4.669206	25
3.05505	2.081666	4
5.801092	2.613843	11
13.79183	8.979242	62
9.007217	6.15056	41
6.115954	4.748792	22
4.163332	2.496256	7
6.022382	2.718329	11
2.309401	1.154701	2
4.678064	3.225246	11
5.273542	3.669968	14
3.333333	2.581989	6
2.309401	1.154701	2
6.552528	3.12942	15
6.574619	2.624022	12
2.309401	2.309401	4
4.312826	2.228038	7

10.35226	3.722564	20
3.05505	2.081666	4
3.306559	2.129163	5
5.882564	3.485829	15
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
4.053691	3.024539	9
4.085748	3.306559	10
3.651484	3.05505	8
2.780887	2.780887	5
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.236694	3.028212	7
11.91217	7.457763	67
5.612812	4.512171	19
2.581989	1.763834	3
2.309401	2.309401	4
4.085748	3.306559	10
1.154701	1.154701	1
2.581989	1.763834	3
3.306559	2.129163	5
4.053691	3.024539	9
3.464102	3.464102	9
3.464102	1.154701	3
6.722721	4.221103	17
2.309401	1.154701	2
5.396555	4.646308	19
3.306559	2.129163	5
2210.609	772.9016	86133
6.363809	4.315335	21
6.789566	4.735987	24
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2

3.464102	2.309401	6
3.879126	2.429972	7
3.333333	2.581989	6
3.306559	2.129163	5
8.263292	5.92309	37
5.033223	2.309401	8
2.309401	1.154701	2
4.163332	2.496256	7
5.273542	3.669968	14
1.154701	1.154701	1
5.38384	3.751273	15
2.309401	1.154701	2
2.309401	1.154701	2
7.237663	4.707925	26
1.154701	1.154701	1
2.309401	1.154701	2
3.879126	2.429972	7
7.620828	6.180177	36
4.531372	2.921187	10
3.651484	1.825742	4
5.426145	3.957414	16
1.154701	1.154701	1
4.470371	3.856397	13
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
5.816422	4.538271	20
6.810491	2.254746	10
5.489384	2.476557	10
6.360126	3.802943	18
4.760952	2.619961	9
2.309401	1.154701	2
7.107899	3.808469	20
2.309401	2.309401	4
3.763583	2.727798	7
7.023468	3.514948	17
5.67098	4.084074	17
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
9.826901	7.197007	52
4.053691	3.024539	9
2.309401	1.154701	2

5.029344	3.185929	12
3.236694	3.028212	7
1.154701	1.154701	1
2.309401	1.154701	2
4.618802	3.464102	12
13.35244	6.150396	62
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
4.312826	2.228038	7
9.36951	6.210729	44
2.581989	1.763834	3
1.154701	1.154701	1
6.106574	3.758514	16
2.309401	1.154701	2
1.154701	1.154701	1
9.296869	7.75941	55
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
5.68406	5.104959	22
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.581989	1.763834	3
8.640944	6.53118	41
8.624718	7.894865	50
6.088656	5.263653	24
3.306559	2.129163	5
3.05505	2.081666	4
2.309401	1.154701	2
5.396555	4.646308	19
2.309401	1.154701	2
8.463584	6.965774	44
1.154701	1.154701	1
5.021028	3.831505	14
2.309401	1.154701	2
5.927721	5.160327	23

5.399179	2.262845	9
4.053691	3.024539	9
3.925855	3.000722	8
5.814551	4.462716	19
4.430771	2.884248	9
8.068164	5.544661	32
2.581989	1.763834	3
5.033223	4.163332	16
4.685884	3.004855	10
6.188281	4.563482	21
9.628165	7.902547	58
6.575234	4.2501	21
6.215572	5.694111	27
3.306559	2.129163	5
5.408076	2.649411	10
4.404498	2.855863	9
12.87515	4.043043	30
2.309401	2.309401	4
1.154701	1.154701	1
6.343058	4.477364	21
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
8.546054	7.760642	51
3.05505	2.081666	4
2.309401	2.309401	4
5.608117	4.048723	17
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
14.12459	3.682031	33
5.041736	3.476751	13
4	2.211083	6
3.464102	2.981424	6
18.0704	8.177486	100
7.371376	4.370873	23
2.309401	1.154701	2
4.163332	2.496256	7
2.581989	1.763834	3
6.280262	5.972768	28
1.154701	1.154701	1

2.309401	1.154701	2
9.138707	8.646769	54
5.98826	4.670083	21
9.275725	6.021581	37
6.11094	2.285676	9
2.309401	2.309401	4
3.464102	2.309401	6
5.556276	4.225725	17
4.163332	3.656008	11
6.141286	4.53145	21
22.23456	14.48743	207
8.9762	3.468718	16
1.154701	1.154701	1
6.268356	3.173051	14
9.756917	5.700811	40
24.21258	9.153814	124
3.651484	1.825742	4
3.651484	2.972092	8
13.14235	5.768183	41
3.265986	2.905933	6
2.581989	1.763834	3
2.581989	1.763834	3
26.14498	10.27767	135
21.50381	7.944272	78
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	1.154701	2
3.651484	3.05505	8
4.300534	2.887099	7
5.24249	4.547853	16
1.154701	1.154701	1
3.05505	2.081666	4
4.085748	3.306559	10
3.879126	2.429972	7
10.85359	6.446997	50
1.154701	1.154701	1
8.170522	7.057624	44
15.41193	9.59065	113
2.309401	1.154701	2
2.309401	2.309401	4
3.05505	2.081666	4

3.464102	2.309401	6
1.154701	1.154701	1
2.309401	1.154701	2
5.303917	3.159046	12
2.309401	2.309401	4
4.712847	2.989271	10
2.309401	1.154701	2
2.309401	2.309401	4
16.3335	11.46849	132
5.464115	4.241059	17
5.211706	3.733986	13
8.480256	4.802196	29
2.309401	2.309401	4
5.029344	3.185929	12
2.309401	1.154701	2
8.920989	4.582551	26
4.136643	2.881814	8
3.265986	2.905933	6
2.309401	1.154701	2
2.581989	1.763834	3
7.428043	6.465252	36
2.309401	1.154701	2
10.47157	8.616536	68
3.464102	2.309401	6
4	2.211083	6
3.464102	2.309401	6
2.581989	1.763834	3
6.165014	3.68738	16
9.250695	8.870607	63
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	2.081666	4
2.309401	1.154701	2
3.464102	2.309401	6
6.41023	5.246067	25
7.620828	6.180177	36
6.524493	5.390536	27
10.88958	9.793618	81
2.581989	1.763834	3
4.921524	4.240642	15
2.581989	1.763834	3
2.780887	2.780887	5

2.309401	2.309401	4
7.280577	5.228129	28
7.253251	4.994314	27
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
4.239497	3.425395	10
3.333333	2.581989	6
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	2.309401	4
5.958849	4.684375	21
10.28071	3.977207	30
3.306559	2.129163	5
6.188281	4.563482	21
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	2.309401	4
10.58729	7.262268	53
3.435909	1.691507	4
24.24351	11.67314	142
5.723802	3.236694	14
4	2.211083	6
1.154701	1.154701	1
5.989203	3.106969	14
2.309401	1.154701	2
3.854129	1.426385	3
5.779028	3.098526	13
2.309401	2.309401	4
2.309401	2.309401	4
7.470992	3.260289	17
3.265986	2.905933	6
4.253087	1.943686	5
2.309401	1.154701	2
3.651484	2.972092	8
3.333333	2.581989	6
1.154701	1.154701	1
2.309401	2.309401	4
8.545778	4.655309	30
2.309401	1.154701	2
4.531372	2.921187	10

11.14499	6.476794	48
9.175857	5.375176	37
4.745688	2.990837	10
5.449267	3.486521	14
3.333333	2.581989	6
3.306559	2.129163	5
4.513541	2.018017	6
3.464102	2.309401	6
5.55883	3.465684	14
11.55344	5.934855	53
4.355771	1.641317	4
4.312826	2.228038	7
3.464102	1.154701	3
2.309401	1.154701	2
5.399179	2.262845	9
11.26434	5.548295	47
1.154701	1.154701	1
3.651484	3.05505	8
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
5.106858	3.944053	15
3.464102	2.309401	6
2.309401	2.309401	4
4.085748	3.306559	10
9.468066	7.593124	52
2.581989	1.763834	3
2.309401	1.154701	2
5.029344	3.185929	12
2.309401	1.154701	2
4.658001	3.171846	11
4.745688	2.990837	10
2.309401	2.309401	4
3.306559	2.129163	5
2.309401	2.309401	4
5.38384	3.751273	15
3.651484	1.825742	4
7.890896	5.961408	35
3.306559	2.129163	5
6.885356	5.040094	25
7.86057	5.699736	30
4.470371	3.856397	13
4.260095	2.741945	8

2.309401	2.309401	4
3.763583	2.727798	7
14.86018	6.545144	67
4.531372	2.921187	10
4.312826	2.228038	7
2.309401	2.309401	4
4.514225	3.705791	12
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
3.333333	2.581989	6
10.02175	8.285717	64
3.333333	2.581989	6
4.536179	3.573154	11
2.581989	1.763834	3
2.780887	2.780887	5
4.496908	3.2775	11
4.888755	2.892531	10
2.581989	1.763834	3
3.464102	2.309401	6
9.294629	4.090348	25
3.05505	2.081666	4
2.309401	1.154701	2
5.536597	4.225352	17
1.154701	1.154701	1
1.154701	1.154701	1
7.221504	5.884635	31
3.333333	2.581989	6
2.309401	2.309401	4
3.435909	1.691507	4
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	2.309401	4
5.674257	2.104437	7
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
9.385052	7.082802	51
3.464102	2.309401	6
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4

2.309401	1.154701	2
14.03152	8.296369	83
2.309401	1.154701	2
8.855077	6.434765	42
4.449143	4.071356	13
2.309401	1.154701	2
4.513541	2.018017	6
3.236694	3.028212	7
7.06433	5.457317	28
8.257315	6.170369	38
3.306559	2.129163	5
3.333333	2.581989	6
7.62239	3.045809	15
1.154701	1.154701	1
2.309401	2.309401	4
7.776486	3.849809	22
2.309401	1.154701	2
7.773577	7.465601	43
5.445698	2.123921	8
3.05505	2.081666	4
5.735233	4.852059	21
6.75874	5.936655	30
4.404498	2.855863	9
7.876481	3.438741	17
2.581989	1.763834	3
3.464102	2.309401	6
7.367287	4.64724	26
1.154701	1.154701	1
3.333333	2.581989	6
3.05505	1.154701	2
5.874807	4.573107	20
2.309401	1.154701	2
4	2.211083	6
1.154701	1.154701	1
1.154701	1.154701	1
5.106858	3.944053	15
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
8.080124	5.135977	32
2.309401	2.309401	4
5.605675	2.890361	12

4.531372	2.921187	10
1.154701	1.154701	1
10.32333	3.971852	20
2.581989	1.763834	3
14.33179	8.092152	83
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
10.39078	3.351645	21
2.309401	2.309401	4
2.581989	1.763834	3
3.236694	3.028212	7
4.944132	2.581989	9
2.309401	2.309401	4
3.879126	2.429972	7
3.333333	2.581989	6
8.139452	4.715101	27
1.154701	1.154701	1
5.033223	4.163332	16
5.760115	4.240467	18
5.033223	4.163332	16
1.154701	1.154701	1
3.236694	3.028212	7
5.456902	4.371626	18
3.05505	2.081666	4
4.312826	2.228038	7
2.581989	1.763834	3
5.946867	4.274456	19
2.309401	1.154701	2
2.309401	2.309401	4
5.417851	4.085164	16
2.581989	1.763834	3
2.309401	1.154701	2
4.602993	2.509074	7
3.464102	1.154701	3
3.651484	2.972092	8
2.309401	1.154701	2
7.083881	4.219907	22
5.821895	4.332051	19
11.94151	2.874266	24
9.512642	3.240108	21
2.581989	1.763834	3
4.996019	3.322619	12

5.125685	2.115574	7
4.739293	3.258679	11
7.338779	6.499314	36
4.312826	2.228038	7
4.258325	3.208323	10
2.309401	1.154701	2
7.736054	5.169163	29
5.033223	2.83784	10
4.163332	2.496256	7
6.136831	3.082696	13
9.50798	7.039441	51
4.053691	3.024539	9
1.154701	1.154701	1
3.306559	2.129163	5
4.279143	2.665633	8
1.154701	1.154701	1
7.208466	5.304411	27
12.59681	5.63841	51
4.430771	2.884248	9
7.266018	4.744528	24
2.309401	1.154701	2
5.217137	3.249502	12
2.581989	1.763834	3
5.248771	3.21202	10
2.309401	1.154701	2
7.191077	3.302376	18
3.879126	2.429972	7
2.309401	1.154701	2
6.788522	3.03395	15
5.370148	4.086953	16
9.22152	4.103002	27
4.324626	3.810489	12
8.399573	6.141159	40
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
6.970486	4.659236	23
6.90455	3.816385	17
6.660167	4.520355	23
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
4.053691	3.024539	9

6.398893	4.228574	20
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
4.96884	2.25575	6
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
5.499389	3.208304	13
5.426145	3.957414	16
3.05505	2.081666	4
3.651484	3.05505	8
5.163978	3.126944	12
5.95155	3.732722	16
7.477547	2.76603	14
5.446733	3.409837	13
7.594459	5.445056	30
4.260095	2.741945	8
8.973303	5.553788	38
2.581989	1.763834	3
10.38675	5.047969	40
5.033223	4.163332	16
3.05505	2.081666	4
2.581989	1.763834	3
27.7305	24.97215	311
4.866132	2.446923	8
8.081774	4.719606	26
3.236694	3.028212	7
2.309401	1.154701	2
16.45982	4.761172	53
3.651484	3.05505	8
2.581989	1.763834	3
2.309401	1.154701	2
3.306559	2.129163	5
6.110101	3.134187	14
3.333333	2.581989	6
7.329416	3.326256	17
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
21.31999	6.327602	89
5.399179	2.262845	9

13.20462	5.870688	53
3.333333	2.581989	6
4.053691	3.024539	9
12.44842	4.931132	46
11.43833	3.401611	26
2.309401	2.309401	4
16.98641	11.95454	131
13.43999	7.050312	70
2.309401	2.309401	4
7.02685	4.943477	26
6.686134	3.382786	17
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
8.338222	2.570636	13
4.163332	3.354599	10
9.637905	4.927842	36
2.581989	1.763834	3
4.531372	2.921187	10
5.570349	3.351077	14
2.309401	1.154701	2
18.55659	9.494453	97
4.312826	2.228038	7
2.309401	1.154701	2
5.508319	4.380557	18
665.288	21.92462	7110
3.651484	2.972092	8
9.317014	4.258182	26
9.821387	5.070429	30
1.154701	1.154701	1
54.34507	22.81581	593
4.496908	3.2775	11
2.309401	2.309401	4
2.309401	2.309401	4
7.290209	3.421551	16
2.309401	1.154701	2
8.778983	3.49061	17
3.333333	2.581989	6
2.309401	1.154701	2
14.29632	5.977138	62
5.163978	3.126944	12
2.309401	1.154701	2
6.491897	3.243755	16

2.309401	1.154701	2
3.333333	2.581989	6
9.194941	4.810143	26
3.306559	2.129163	5
44.27095	21.31811	593
15.58179	4.928571	47
6.922421	3.891883	20
3.854129	1.426385	3
6.337142	3.137607	13
6.583436	3.633185	16
1.154701	1.154701	1
3.05505	2.081666	4
7.700945	3.398472	16
3.651484	3.05505	8
3.333333	2.581989	6
3.651484	2.972092	8
3.05505	2.081666	4
3.435909	1.691507	4
5.773503	2.309401	10
14.03144	7.755905	58
2.309401	1.154701	2
2.309401	2.309401	4
59.88498	21.70424	676
2.581989	1.763834	3
6.989463	4.617638	23
1.154701	1.154701	1
3.651484	3.05505	8
9.098149	3.195518	18
16.36361	6.047625	68
2.581989	1.763834	3
4.760952	2.619961	9
5.416026	4.041452	16
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
10.32658	5.463377	40
2.309401	2.309401	4
13.78337	5.097438	48
1.154701	1.154701	1
3.829708	2.403701	6
2.309401	2.309401	4
10.20978	4.253719	29
43.64319	24.08824	491

11.63533	8.874019	58
2.309401	2.309401	4
13.27092	4.930775	43
2.309401	2.309401	4
3.879126	2.429972	7
15.87877	5.838531	55
9.521161	6.315391	40
12.40963	4.08111	36
4.653433	2.400464	8
2.309401	1.154701	2
2.309401	2.309401	4
5.45139	3.141989	13
4.312826	2.228038	7
3.651484	3.05505	8
30.34946	25.22418	398
5.184264	4.646033	15
23.7362	6.024088	82
6.665476	3.489355	16
5.559436	2.513829	10
18.04784	4.126397	49
14.19476	5.095958	55
9.028626	5.525694	36
3.306559	2.129163	5
6.202253	2.552014	11
21.24769	8.078922	117
5.27994	3.668183	12
2.581989	1.763834	3
3.464102	2.309401	6
4.881412	3.862657	14
6.262825	1.983302	7
12.25779	3.835368	32
6.762978	3.001738	14
19.69737	6.15683	91
2.309401	1.154701	2
4.864662	2.960022	10
8.624256	3.977015	24
3.651484	2.972092	8
23.55667	5.291639	49
7.466987	4.542481	21
2.309401	1.154701	2
3.333333	2.581989	6
10.21257	3.841588	28
5.643021	3.156498	11

4.890968	4.682786	17
2.581989	1.763834	3
13.90791	8.23029	71
2.309401	1.154701	2
4.163332	3.354599	10
3.651484	3.05505	8
3.306559	2.129163	5
1.154701	1.154701	1
12.25916	4.686585	38
7.556297	4.211378	24
3.879126	2.429972	7
6.304081	3.205022	14
2.309401	2.309401	4
2.581989	1.763834	3
5.858184	4.197822	17
6.056681	2.413148	10
4.531372	2.921187	10
1.154701	1.154701	1
3.464102	3.464102	9
2.309401	2.309401	4
18.59049	6.632085	75
10.99002	4.692757	36
10.46224	5.009748	34
7.630495	3.862842	22
20.18589	9.034094	101
3.306559	2.129163	5
4.053691	3.024539	9
7.042782	3.818887	19
2.309401	1.154701	2
7.154222	3.390814	17
22.20556	5.968368	81
19.78672	11.99019	120
3.333333	2.581989	6
13.56387	6.63018	60
52.14246	8.862247	224
2.780887	2.780887	5
4.396969	2.708013	8
12.96234	7.236499	49
3.464102	2.309401	6
23.32724	6.539137	69
2.581989	1.763834	3
1.154701	1.154701	1
9.062377	2.275958	10

7.176105	4.526967	23
2.309401	1.154701	2
3.306559	2.129163	5
4.618802	2.309401	8
15.59553	5.866629	61
3.651484	3.05505	8
7.377169	4.892479	26
7.113558	3.36604	13
14.93776	3.729898	38
4.260095	2.741945	8
6.836099	2.761653	13
11.37672	4.982256	41
13.88764	4.620357	45
8.793242	4.315556	27
6.643172	4.874131	24
2.309401	1.154701	2
3.464102	2.309401	6
3.464102	2.309401	6
3.464102	2.309401	6
9.635241	3.133325	19
2.309401	1.154701	2
7.729383	3.295574	16
5.316397	2.872948	11
2.309401	1.154701	2
3.333333	2.581989	6
4.712847	2.989271	10
3.333333	2.581989	6
3.306559	2.129163	5
3.05505	1.154701	2
3.879126	2.429972	7
4.253087	1.943686	5
2.581989	1.763834	3
3.333333	2.581989	6
3.435909	1.691507	4
5.45139	3.141989	13
5.773503	2.309401	10
2.309401	1.154701	2
2.309401	2.309401	4
4.312826	2.228038	7
2.309401	1.154701	2

Table 12: Minor Cracks

Major Axis Length	Minor Axis Length	Area
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.618802	2.309401	8
6.097555	2.691931	10
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
2.581989	1.763834	3
7.429015	2.774639	12
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
3.954101	3.336243	9
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
4.056654	2.865349	8
2.309401	1.154701	2
1.154701	1.154701	1
4.618802	2.309401	8
1.154701	1.154701	1
1.154701	1.154701	1
5.932003	2.056211	8
3.333333	2.581989	6
2.309401	2.309401	4
2.581989	1.763834	3

3.651484	1.825742	4
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
3.464102	2.309401	6
4.053691	3.024539	9
1.154701	1.154701	1
2.309401	1.154701	2
5.125685	2.115574	7
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.651484	1.825742	4
3.925855	3.000722	8
2.581989	1.763834	3
1.154701	1.154701	1
3.05505	2.081666	4
3.763583	2.727798	7
3.464102	2.309401	6
5.291503	2.504317	9
4.71767	3.856397	13
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
4.618802	2.614065	8
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
4.745688	2.990837	10
2.309401	1.154701	2
4.618802	2.309401	8
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4

2.309401	2.309401	4
3.464102	2.309401	6
10.71633	3.723948	28
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
4	2.211083	6
13.6156	3.096755	26
2.309401	1.154701	2
15.64574	3.386448	33
1.154701	1.154701	1
2.309401	1.154701	2
4.651537	2.278845	7
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
4.881485	2.369237	7
4.618802	2.309401	8
1.154701	1.154701	1
6.429101	3.329164	16
4.404498	2.855863	9
1.154701	1.154701	1
12.56201	2.607355	23
3.464102	2.309401	6
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2

3.236694	3.028212	7
5.526219	1.671596	6
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
5.773503	1.154701	5
4.94145	4.542132	15
3.464102	1.154701	3
9.127602	5.112509	33
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.435909	1.691507	4
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4.312826	2.228038	7
1.154701	1.154701	1
4.404498	2.855863	9
2.309401	2.309401	4
1.154701	1.154701	1
4.312826	2.228038	7
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
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2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2

1.154701	1.154701	1
4.618802	2.309401	8
3.05505	2.081666	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.253087	1.943686	5
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
4.783281	2.799334	9
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1

2.581989	1.763834	3
4.163332	2	6
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
6.837083	2.449686	10
2.309401	1.154701	2
2.581989	1.763834	3
3.306559	2.129163	5
1.154701	1.154701	1
6.258612	3.174322	13
5.660573	3.082306	11
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.651537	2.278845	7
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
2.581989	1.763834	3
3.464102	1.154701	3
5.38384	3.751273	15
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
2.581989	1.763834	3
4.618802	2.309401	8
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1

1.154701	1.154701	1
1.154701	1.154701	1
5.667833	3.268693	13
5.499574	3.313141	12
3.651484	1.825742	4
2.309401	1.154701	2
7.047175	2.409148	10
2.309401	2.309401	4
2.581989	1.763834	3
2.780887	2.780887	5
3.464102	1.154701	3
2.780887	2.780887	5
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
3.464102	2.309401	6
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.279143	2.665633	8
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2

1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	1.825742	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
6.560607	2.638929	11
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
5.30947	3.617794	14
2.581989	1.763834	3
2.309401	1.154701	2
4.312826	2.228038	7
3.854129	1.426385	3
3.464102	1.154701	3
1.154701	1.154701	1
4.618802	2.309401	8
2.309401	1.154701	2
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1

2.309401	1.154701	2
9.508249	4.534974	28
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	2.309401	4
3.435909	1.691507	4
4.496908	3.2775	11
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
2.780887	2.780887	5
2.309401	1.154701	2
1.154701	1.154701	1
3.651484	2.972092	8
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
3.306559	2.129163	5
3.464102	1.154701	3
2.581989	1.763834	3
4	2.211083	6
1.154701	1.154701	1
2.309401	1.154701	2
3.651484	2.972092	8
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
4.764624	4.233699	14
2.309401	1.154701	2
2.309401	2.309401	4

2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
3.333333	2.581989	6
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.829708	2.403701	6
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
4.163332	1.8037	5
1.154701	1.154701	1
3.651484	3.05505	8
1.154701	1.154701	1
3.306559	2.129163	5
3.265986	2.905933	6
4.053691	3.024539	9
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
5.421796	3.222097	12
2.309401	1.154701	2
5.710814	2.356539	8
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.780887	2.780887	5

1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
5.561774	2.780887	10
2.309401	1.154701	2
3.651484	1.825742	4
2.581989	1.763834	3
5.788786	1.941356	7
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
3.236694	3.028212	7
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	2.081666	4
2.581989	1.763834	3
4.944132	2.581989	9
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
6.065815	3.269386	14
1.154701	1.154701	1
2.309401	1.154701	2

2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	2	6
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
3.05505	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
4.258325	3.306559	10
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
3.52985	2.359413	5
2.309401	1.154701	2
4.163332	2.496256	7
3.651484	2.972092	8
1.154701	1.154701	1
5.266245	2.780887	10
2.581989	1.763834	3
3.05505	2.081666	4
3.954101	3.336243	9
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
3.464102	1.154701	3
2.581989	1.763834	3

2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.862352	3.049577	7
2.309401	1.154701	2
8.813151	4.424355	26
3.05505	1.154701	2
1.154701	1.154701	1
4.253087	1.943686	5
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.236694	3.028212	7
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	2.309401	4
3.464102	1.154701	3
2.309401	1.154701	2
10.47407	3.238562	24
2.309401	1.154701	2
3.306559	2.129163	5
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.854129	1.426385	3
1.154701	1.154701	1

2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
4.653433	2.400464	8
4.312826	2.228038	7
3.651484	1.825742	4
4	2.211083	6
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
6.326008	2.78557	12
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
4.053691	3.024539	9
2.780887	2.780887	5

Picture: 09

Table13: Total Cracks

Major Axis Length	Minor Axis Length	Area
1017.282	150.6071	65864
2.309401	1.154701	2
3.333333	2.581989	6
2.780887	2.780887	5
3.464102	2.309401	6

14.90004	4.873672	37
6.257501	4.042447	19
7.696057	5.304388	29
2.309401	1.154701	2
7.166348	4.175829	19
3.464102	2.309401	6
14.68198	8.206839	55
6.568981	4.425073	22
2.309401	1.154701	2
3.98482	3.849797	11
6.557984	3.849676	18
2.780887	2.780887	5
2.309401	1.154701	2
6.07205	4.631653	21
4.531372	2.921187	10
2.309401	1.154701	2
7.725208	4.819674	27
35.05701	11.54534	163
4.760952	2.619961	9
5.370148	4.086953	16
4.163332	2.496256	7
14.48424	9.592625	72
8.384665	4.066553	25
2.309401	2.309401	4
2.309401	1.154701	2
9.795368	9.118823	65
7.025341	3.682141	18
4.678064	3.225246	11
16.5853	5.187559	59
13.22367	6.601701	58
12.40564	7.558147	53
2.581989	1.763834	3
10.947	6.60345	38
3.879126	2.429972	7
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	2.309401	4
9.636993	3.77422	26
6.611812	3.365355	16
2.780887	2.780887	5
2.309401	1.154701	2
2.780887	2.780887	5
4.053691	3.024539	9

6.823304	6.246978	30
2.309401	1.154701	2
7.574339	3.904635	21
2.581989	1.763834	3
5.943194	4.143945	18
3.306559	2.129163	5
3.435909	1.691507	4
1.154701	1.154701	1
4.633571	2.587796	8
2.309401	1.154701	2
4	4	12
4.888755	2.892531	10
4	2.211083	6
5.8363	2.686231	11
4.163332	2.496256	7
10.96519	2.584233	18
5.499389	3.208304	13
3.651484	3.05505	8
2.309401	1.154701	2
3.763583	2.727798	7
3.464102	2.309401	6
5.602423	3.593352	14
3.651484	2.972092	8
2.309401	2.309401	4
4.279143	2.665633	8
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	2.309401	4
1.154701	1.154701	1
2.581989	1.763834	3
4.053691	3.024539	9
2.309401	1.154701	2
8.6047	3.6571	23
1.154701	1.154701	1
5.489185	4.208561	17
6.088656	5.263653	24
6.316251	4.104104	19
2.309401	1.154701	2

2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
3.651484	2.972092	8
8.006069	4.017299	21
13.29516	10.20586	88
7.05244	2.220307	10
2.309401	1.154701	2
4.258325	3.306559	10
39.83165	13.70898	231
9.14125	7.067002	43
3.333333	2.581989	6
3.306559	2.129163	5
26.47308	15.11883	169
1.154701	1.154701	1
6.339828	3.059761	12
2.309401	2.309401	4
12.08054	7.732434	69
4	2.211083	6
4	2.211083	6
5.773503	3.198866	13
5.100422	3.073395	11
4.618802	2.309401	8
2.309401	1.154701	2
8.194568	3.529526	19
3.05505	2.081666	4
1.154701	1.154701	1
3.306559	2.129163	5
12.89432	9.270422	59
3.651484	2.972092	8
17.33767	9.663577	76
4.623527	3.099945	10
10.98519	6.098088	48
2.581989	1.763834	3
2.780887	2.780887	5
14.41245	7.253574	65
6.452356	5.310873	26
2.780887	2.780887	5
5.105937	3.67684	13
3.464102	2.309401	6
1.154701	1.154701	1
6.983772	3.173543	15
6.093009	3.259808	15

6.041012	3.944053	18
3.05505	2.081666	4
6.318858	3.525081	16
10.22184	7.434177	54
3.236694	3.028212	7
8.565964	2.839043	13
13.63926	6.6685	56
2.309401	1.154701	2
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2.581989	1.763834	3
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
13.332	6.86966	67
5.029344	3.185929	12
2.581989	1.763834	3
6.982595	2.70305	13
2.309401	1.154701	2
2.309401	1.154701	2
7.13168	3.722319	19
4.881412	3.862657	14
2.309401	1.154701	2
6.268461	3.382925	15
3.651484	2.972092	8
2.780887	2.780887	5
2.581989	1.763834	3
2.309401	1.154701	2
5.219013	5.219013	21
1.154701	1.154701	1
6.752341	3.76277	19
3.651484	2.972092	8
2.309401	1.154701	2
2.581989	1.763834	3
5.186141	2.926431	11
4	4	12

1.154701	1.154701	1
2.309401	1.154701	2
3.333333	2.581989	6
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	2.496256	7
9.191717	7.53104	53
3.464102	2.309401	6
5.34166	2.780887	10
3.879126	2.429972	7
1.154701	1.154701	1
1.154701	1.154701	1
8.040738	4.541474	27
3.763583	2.727798	7
2.581989	1.763834	3
2.309401	1.154701	2
3.236694	3.028212	7
2.309401	1.154701	2
4.658001	3.171846	11
1.154701	1.154701	1
4.312826	2.228038	7
2.309401	1.154701	2
3.306559	2.129163	5
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	1.154701	2
1.154701	1.154701	1
6.212499	5.593788	26
5.943784	3.961522	15
4.464505	2.900668	9
4.053691	3.024539	9
2.309401	1.154701	2
4.404498	2.855863	9
3.05505	2.081666	4
2.581989	1.763834	3
1.154701	1.154701	1

4.918381	3.728909	14
2.309401	1.154701	2
4.848301	2.757733	9
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
5.261223	4.626656	18
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	2.309401	4
4.085748	3.306559	10
2.309401	1.154701	2
10.713	4.289938	34
4.037534	2.853553	6
4.279143	2.665633	8
1.154701	1.154701	1
3.306559	2.129163	5
4.391391	3.021978	8
2.581989	1.763834	3
3.879126	2.429972	7
6.687322	5.027364	25
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
5.664082	1.740486	6
4.053691	3.024539	9
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
10.37781	6.914196	50
3.236694	3.028212	7
2.309401	2.309401	4
4.053691	3.024539	9
4.053691	3.024539	9
1.154701	1.154701	1
1.154701	1.154701	1

3.306559	2.129163	5
3.05505	2.081666	4
4.364358	4.27936	14
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
3.854129	1.426385	3
3.306559	2.129163	5
3.827022	2.75906	7
3.306559	2.129163	5
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
5.675056	4.718094	20
2.309401	1.154701	2
4.470371	3.856397	13
3.306559	2.129163	5
4.364358	4.27936	14
1.154701	1.154701	1
1.154701	1.154701	1
9.560003	2.39963	13
3.05505	2.081666	4
7.169396	2.654093	12
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
6.51391	2.279105	11
4.618802	2.309401	8

2.309401	2.309401	4
3.05505	2.081666	4
6.891724	5.224128	27
4.053691	3.024539	9
2.309401	1.154701	2
3.265986	2.905933	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
3.306559	2.129163	5
3.236694	3.028212	7
5.424757	4.252407	17
6.703103	3.238067	16
1.154701	1.154701	1
5.68406	5.104959	22
5.591402	3.654921	15
6.379097	2.85919	13
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
4.396969	2.708013	8
3.879126	2.429972	7
4.163332	3.354599	10
2.309401	2.309401	4
3.333333	2.581989	6
2.309401	1.154701	2
2.309401	1.154701	2
4.163332	2	6
3.236694	3.028212	7
4.163332	3.354599	10
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
5.029344	3.185929	12
2.309401	2.309401	4

5.903614	2.52468	10
2.581989	1.763834	3
5.445698	2.123921	8
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
8.336152	4.036155	23
4.920353	2.057808	6
2.581989	1.763834	3
2.581989	1.763834	3
3.05505	2.081666	4
1.154701	1.154701	1
3.306559	2.129163	5
3.306559	2.129163	5
2.309401	1.154701	2
3.05505	2.081666	4
3.435909	1.691507	4
3.464102	1.154701	3
4.253087	1.943686	5
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
35.57481	4.028304	95
1.154701	1.154701	1
4.881412	3.862657	14
5.219013	5.219013	21
2.309401	1.154701	2
2.581989	1.763834	3
6.07205	4.631653	21
6.173729	3.211189	10
3.651484	1.825742	4
3.464102	2.309401	6
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4

1.154701	1.154701	1
13.55969	5.004469	39
6.009372	3.594239	15
4.618802	1.154701	4
3.236694	3.028212	7
2.309401	1.154701	2
2.309401	1.154701	2
3.879126	2.429972	7
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
5.605675	2.890361	12
4.881412	3.862657	14
5.029344	3.185929	12
2.581989	1.763834	3
2.309401	1.154701	2
4.085748	3.306559	10
3.236694	3.028212	7
2.309401	2.309401	4
4.053691	3.024539	9
2.309401	2.309401	4
6.443287	3.920834	18
4.678064	3.225246	11
4.811363	4.296071	14
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
4.433787	2.473724	6
1137.104	59.15974	17213
2.309401	1.154701	2
5.413716	4.436139	18
4.163332	2	6
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
5.308994	4.202932	17
3.435909	1.691507	4
2.581989	1.763834	3
2.581989	1.763834	3

2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
4.464505	2.900668	9
2.581989	1.763834	3
3.333333	2.581989	6
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
3.651484	3.05505	8
4.312826	2.228038	7
4.565475	3.988226	13
2.309401	1.154701	2
4.056654	2.865349	8
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
6.023022	2.857911	12
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.763583	2.727798	7
4.163332	1.8037	5
2.581989	1.763834	3
3.306559	2.129163	5
6.257501	4.042447	19
7.697827	3.689285	17
2.309401	1.154701	2
4.260095	2.741945	8
9.098353	6.731321	42
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
4.163332	2.496256	7
2.581989	1.763834	3
2.309401	1.154701	2
6.088323	3.471018	14
2.309401	2.309401	4

6.665476	3.489355	16
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
4.163332	3.656008	11
3.306559	2.129163	5
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
3.265986	2.905933	6
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
8.405461	4.66802	28
3.464102	2.309401	6
3.306559	2.129163	5
3.651484	2.972092	8
4	2.211083	6
2.309401	2.309401	4
18.68029	4.470464	51
4.053691	3.024539	9
2.309401	1.154701	2
5.56356	4.97509	17
4.618802	2.886751	8
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
4.163332	2	6
12.87927	3.634952	32
4.163332	2.496256	7

7.47452	3.826751	21
5.370148	4.086953	16
24.91721	12.16223	162
12.49031	7.392223	48
3.763583	2.727798	7
2.309401	2.309401	4
9.805898	3.818685	27
7.573797	3.647501	20
2.309401	1.154701	2
2.581989	1.763834	3
5.029344	3.185929	12
3.306559	2.129163	5
7.720821	4.225588	20
3.265986	2.905933	6
7.552163	3.630042	19
2.780887	2.780887	5
3.05505	2.081666	4
4.391892	2.850957	8
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
24.21808	11.87526	113
1.154701	1.154701	1
8.943622	5.173961	31
12.65141	7.017837	63
2.309401	2.309401	4
23.70329	7.201531	93
4.618802	1.154701	4
16.02562	7.413567	67
25.80257	7.901281	109
3.333333	2.581989	6
3.651484	1.825742	4
7.621688	3.124747	16
2.309401	1.154701	2
2.581989	1.763834	3
6.818716	3.701708	18
14.92528	7.982024	83
3.306559	2.129163	5
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
16.52941	8.868598	90

6.529681	3.96201	19
12.96774	7.195283	43
1.154701	1.154701	1
16.06591	10.6155	107
10.09879	3.273397	23
6.284088	4.206202	19
2.309401	1.154701	2
15.90734	7.706257	52
8.315972	3.739376	21
6.582036	2.605362	12
18.47525	10.23261	119
14.25795	5.949159	59
3.236694	3.028212	7
2.581989	1.763834	3
6.446542	3.189894	15
6.647826	5.795141	29
4.753223	3.278905	11
8.242094	4.614863	27
4.760952	2.619961	9
3.464102	1.154701	3
2.309401	1.154701	2
2.581989	1.763834	3
9.048716	3.43025	23
2.581989	1.763834	3
6.093009	3.259808	15
10.02008	3.133442	23
3.651484	2.972092	8
10.51759	5.026381	39
2.309401	1.154701	2
2.309401	1.154701	2
8.745447	5.145941	32
6.110101	4.564355	16
9.762947	3.062061	18
2.309401	1.154701	2
3.306559	2.129163	5
12.37002	5.17036	48
9.108785	2.80615	15
2.309401	1.154701	2
7.346221	3.61307	19
3.763583	2.727798	7
5.687514	3.881862	16
2.309401	2.309401	4
5.650739	2.508261	9

12.28579	2.81433	24
2.581989	1.763834	3
2.309401	2.309401	4
3.651484	1.825742	4

Table 14: Major Cracks

Major Axis Length	Minor Axis Length	Area
1017.282	150.6071	65864
2.309401	1.154701	2
3.333333	2.581989	6
2.780887	2.780887	5
3.464102	2.309401	6
14.90004	4.873672	37
6.257501	4.042447	19
7.696057	5.304388	29
2.309401	1.154701	2
7.166348	4.175829	19
3.464102	2.309401	6
14.68198	8.206839	55
6.568981	4.425073	22
2.309401	1.154701	2
3.98482	3.849797	11
6.557984	3.849676	18
2.780887	2.780887	5
2.309401	1.154701	2
6.07205	4.631653	21
4.531372	2.921187	10
2.309401	1.154701	2
7.725208	4.819674	27
35.05701	11.54534	163
4.760952	2.619961	9
5.370148	4.086953	16
4.163332	2.496256	7
14.48424	9.592625	72
8.384665	4.066553	25
2.309401	2.309401	4
2.309401	1.154701	2
9.795368	9.118823	65
7.025341	3.682141	18
4.678064	3.225246	11

16.5853	5.187559	59
13.22367	6.601701	58
12.40564	7.558147	53
2.581989	1.763834	3
10.947	6.60345	38
3.879126	2.429972	7
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	2.309401	4
9.636993	3.77422	26
6.611812	3.365355	16
2.780887	2.780887	5
2.309401	1.154701	2
2.780887	2.780887	5
4.053691	3.024539	9
6.823304	6.246978	30
2.309401	1.154701	2
7.574339	3.904635	21
2.581989	1.763834	3
5.943194	4.143945	18
3.306559	2.129163	5
3.435909	1.691507	4
1.154701	1.154701	1
4.633571	2.587796	8
2.309401	1.154701	2
4	4	12
4.888755	2.892531	10
4	2.211083	6
5.8363	2.686231	11
4.163332	2.496256	7
10.96519	2.584233	18
5.499389	3.208304	13
3.651484	3.05505	8
2.309401	1.154701	2
3.763583	2.727798	7
3.464102	2.309401	6
5.602423	3.593352	14
3.651484	2.972092	8
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5

2.309401	1.154701	2
8.6047	3.6571	23
1.154701	1.154701	1
5.489185	4.208561	17
6.088656	5.263653	24
6.316251	4.104104	19
1.154701	1.154701	1
2.309401	2.309401	4
3.651484	2.972092	8
8.006069	4.017299	21
13.29516	10.20586	88
7.05244	2.220307	10
4.258325	3.306559	10
39.83165	13.70898	231
9.14125	7.067002	43
3.333333	2.581989	6
3.306559	2.129163	5
26.47308	15.11883	169
1.154701	1.154701	1
6.339828	3.059761	12
2.309401	2.309401	4
12.08054	7.732434	69
4	2.211083	6
5.773503	3.198866	13
5.100422	3.073395	11
4.618802	2.309401	8
2.309401	1.154701	2
8.194568	3.529526	19
3.05505	2.081666	4
3.306559	2.129163	5
12.89432	9.270422	59
3.651484	2.972092	8
17.33767	9.663577	76
4.623527	3.099945	10
10.98519	6.098088	48
2.581989	1.763834	3
2.780887	2.780887	5
14.41245	7.253574	65
6.452356	5.310873	26
2.780887	2.780887	5
5.105937	3.67684	13
3.464102	2.309401	6
6.983772	3.173543	15

6.093009	3.259808	15
6.041012	3.944053	18
3.05505	2.081666	4
6.318858	3.525081	16
10.22184	7.434177	54
8.565964	2.839043	13
13.63926	6.6685	56
5.821895	4.332051	19
9.614318	5.030329	34
11.50955	5.144073	35
8.53362	7.549239	49
2.780887	2.780887	5
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3.236694	3.028212	7
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3.306559	2.129163	5
6.235101	4.320901	20
2.780887	2.780887	5
1.154701	1.154701	1
6.471148	4.139637	18
2.309401	2.309401	4
13.23709	2.860427	25
7.829368	6.457281	31
7.61239	4.034802	23
2.309401	2.309401	4
10.41275	7.020588	52
2.780887	2.780887	5
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3.306559	2.129163	5
13.71541	4.74822	43
6.609043	5.305373	26
3.464102	2.309401	6
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13.82074	9.467214	100
7.073117	4.351593	23
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2.581989	1.763834	3
2.309401	1.154701	2

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4.470371	3.856397	13
2.309401	1.154701	2
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8.748806	5.046663	32
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3.464102	3.464102	9
4.279143	2.665633	8
2.309401	1.154701	2
17.10723	13.64285	180
3.435909	1.691507	4
5.973211	3.290008	14
3.306559	2.129163	5
4.324626	3.810489	12
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7.969422	4.887965	29
4	4	12
8.946897	4.743127	28
4.915504	4.145954	15
3.306559	2.129163	5
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3.879126	2.429972	7
1.154701	1.154701	1

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4.053691	3.024539	9
3.05505	2.081666	4
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3.651484	1.825742	4
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4.881412	3.862657	14
1.154701	1.154701	1
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4.883346	3.517833	12
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5.904936	3.868843	17
5.801092	2.613843	11

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2.581989	1.763834	3
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2.309401	1.154701	2

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3.236694	3.028212	7
3.651484	2.972092	8
3.05505	2.081666	4
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2.309401	1.154701	2
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2.581989	1.763834	3
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3.879126	2.429972	7
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1.154701	1.154701	1
3.306559	2.129163	5
4	2.211083	6
4	2.211083	6
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8.202397	3.914236	22
2.309401	1.154701	2
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3.763583	2.727798	7
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7.803981	5.22193	25
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3.236694	3.028212	7
5.416026	4.041452	16
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2.309401	1.154701	2
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2.309401	1.154701	2

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4.618802	2.309401	8
2.309401	1.154701	2
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3.306559	2.129163	5
3.651484	2.972092	8
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6.386797	2.922696	12
8.287033	6.889635	41
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2.309401	2.309401	4
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6.89022	4.951462	26
4.258325	3.208323	10
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2.581989	1.763834	3
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2.309401	1.154701	2
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5.396555	4.646308	19
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3.464102	2.309401	6
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14.98114	7.693862	70
6.679915	4.393359	22
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2.581989	1.763834	3
2.581989	1.763834	3
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2.309401	1.154701	2
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1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
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3.05505	2.081666	4
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4.918381	3.728909	14
3.651484	3.05505	8
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16.50154	12.57557	141
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2.309401	1.154701	2
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4.944132	2.581989	9
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3.464102	2.309401	6
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3.651484	3.05505	8
3.236694	3.028212	7
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3.98482	3.849797	11
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5.163978	3.126944	12
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7.112442	5.909619	32
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7.825127	5.505367	32
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7.606844	3.731299	20
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6.899312	3.825444	19
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2.309401	1.154701	2
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2.309401	2.309401	4

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2.581989	1.763834	3
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2.581989	1.763834	3
2.581989	1.763834	3
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3.879126	2.429972	7
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4.053691	3.024539	9
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2.309401	2.309401	4
2.309401	2.309401	4
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2.309401	1.154701	2
2.309401	1.154701	2
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2.581989	1.763834	3
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2.309401	2.309401	4
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6.379097	2.85919	13
2.309401	1.154701	2
2.309401	2.309401	4

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1.154701	1.154701	1
4.053691	3.024539	9
2.309401	1.154701	2
4.396969	2.708013	8
3.879126	2.429972	7
3.333333	2.581989	6
2.309401	1.154701	2
2.309401	1.154701	2
4.163332	2	6
3.236694	3.028212	7
4.163332	3.354599	10
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
5.029344	3.185929	12
2.309401	2.309401	4
5.903614	2.52468	10
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
8.336152	4.036155	23
4.920353	2.057808	6
2.581989	1.763834	3
3.05505	2.081666	4
3.306559	2.129163	5
3.306559	2.129163	5
3.05505	2.081666	4
3.435909	1.691507	4
3.464102	1.154701	3
4.253087	1.943686	5
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
35.57481	4.028304	95
4.470371	3.856397	13

5.219013	5.219013	21
2.309401	1.154701	2
2.581989	1.763834	3
6.07205	4.631653	21
6.173729	3.211189	10
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
13.55969	5.004469	39
6.009372	3.594239	15
3.236694	3.028212	7
2.309401	1.154701	2
3.879126	2.429972	7
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
5.605675	2.890361	12
4.881412	3.862657	14
5.029344	3.185929	12
2.581989	1.763834	3
2.309401	1.154701	2
4.085748	3.306559	10
2.309401	2.309401	4
4.053691	3.024539	9
2.309401	2.309401	4
6.443287	3.920834	18
4.678064	3.225246	11
4.811363	4.296071	14
2.309401	2.309401	4
4.492622	1.721341	5
1137.265	59.13946	17180
5.413716	4.436139	18
4.163332	2	6
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
5.308994	4.202932	17
2.581989	1.763834	3

2.309401	1.154701	2
2.309401	2.309401	4
4.464505	2.900668	9
2.581989	1.763834	3
3.333333	2.581989	6
3.306559	2.129163	5
1.154701	1.154701	1
3.306559	2.129163	5
3.651484	3.05505	8
4.565475	3.988226	13
4.056654	2.865349	8
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
6.023022	2.857911	12
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.763583	2.727798	7
4.163332	1.8037	5
2.581989	1.763834	3
3.306559	2.129163	5
6.257501	4.042447	19
9.098353	6.731321	42
3.306559	2.129163	5
1.154701	1.154701	1
1.154701	1.154701	1
6.088323	3.471018	14
6.665476	3.489355	16
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.265986	2.905933	6
8.405461	4.66802	28
3.464102	2.309401	6
4	2.211083	6
2.309401	2.309401	4

18.68029	4.470464	51
4.053691	3.024539	9
2.309401	1.154701	2
5.56356	4.97509	17
4.618802	2.886751	8
2.309401	1.154701	2
2.581989	1.763834	3
4.163332	2	6
12.87927	3.634952	32
4.163332	2.496256	7
7.47452	3.826751	21
5.370148	4.086953	16
24.91721	12.16223	162
12.49031	7.392223	48
3.763583	2.727798	7
2.309401	2.309401	4
9.805898	3.818685	27
7.573797	3.647501	20
2.309401	1.154701	2
2.581989	1.763834	3
5.029344	3.185929	12
3.306559	2.129163	5
7.720821	4.225588	20
3.265986	2.905933	6
7.552163	3.630042	19
2.780887	2.780887	5
3.05505	2.081666	4
4.391892	2.850957	8
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
24.21808	11.87526	113
1.154701	1.154701	1
8.943622	5.173961	31
12.65141	7.017837	63
2.309401	2.309401	4
23.70329	7.201531	93
16.02562	7.413567	67
25.80257	7.901281	109
3.333333	2.581989	6
7.621688	3.124747	16
2.309401	1.154701	2

2.581989	1.763834	3
6.818716	3.701708	18
14.92528	7.982024	83
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
16.52941	8.868598	90
6.529681	3.96201	19
12.96774	7.195283	43
1.154701	1.154701	1
16.06591	10.6155	107
10.09879	3.273397	23
6.284088	4.206202	19
2.309401	1.154701	2
15.90734	7.706257	52
8.315972	3.739376	21
6.582036	2.605362	12
18.47525	10.23261	119
14.25795	5.949159	59
3.236694	3.028212	7
2.581989	1.763834	3
6.446542	3.189894	15
6.647826	5.795141	29
4.753223	3.278905	11
8.242094	4.614863	27
4.760952	2.619961	9
9.048716	3.43025	23
2.581989	1.763834	3
6.093009	3.259808	15
10.02008	3.133442	23
10.51759	5.026381	39
2.309401	1.154701	2
8.745447	5.145941	32
6.110101	4.564355	16
9.762947	3.062061	18
2.309401	1.154701	2
12.37002	5.17036	48
9.108785	2.80615	15
2.309401	1.154701	2
7.346221	3.61307	19
3.763583	2.727798	7
5.687514	3.881862	16
2.309401	2.309401	4

5.650739	2.508261	9
12.28579	2.81433	24
2.581989	1.763834	3
2.309401	2.309401	4
3.651484	1.825742	4

Table 15: Minor Cracks

Major Axis Length	Minor Axis Length	Area
4.279143	2.665633	8
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.581989	1.763834	3
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
4	2.211083	6
1.154701	1.154701	1
1.154701	1.154701	1
3.236694	3.028212	7
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
5.176849	3.797692	12
1.154701	1.154701	1
2.309401	1.154701	2
3.05505	2.081666	4
4.312826	2.228038	7
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4

9.057718	3.978218	21
2.309401	1.154701	2
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
4.712847	2.989271	10
5.399179	2.262845	9
2.309401	1.154701	2
2.309401	1.154701	2
4.163332	2.496256	7
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	1.825742	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
4.163332	2.496256	7
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
5.980411	3.465901	12
5.120764	2.54345	9
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1

2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
3.464102	2.309401	6
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
3.333333	2.581989	6
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.651484	2.972092	8
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
7.414311	2.301011	10
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
3.435909	1.691507	4
1.154701	1.154701	1
2.581989	1.763834	3

3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
4.056654	2.865349	8
1.154701	1.154701	1
3.333333	2.581989	6
3.333333	2.581989	6
9.356294	2.65133	17
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.085748	3.306559	10
6.679908	3.636994	15
1.154701	1.154701	1
1.154701	1.154701	1
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4	2.211083	6
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
3.651484	1.825742	4
1.154701	1.154701	1
3.05505	2.081666	4
2.309401	1.154701	2

2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
3.651484	2.972092	8
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
3.306559	2.129163	5
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
4.404498	2.855863	9
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
4.037534	2.853553	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.053691	3.024539	9
1.154701	1.154701	1
3.05505	2.081666	4
3.854129	1.426385	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
7.169396	2.654093	12
1.154701	1.154701	1
1.154701	1.154701	1

3.05505	2.081666	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	3.354599	10
2.309401	2.309401	4
2.309401	1.154701	2
2.581989	1.763834	3
5.445698	2.123921	8
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
4.618802	1.154701	4
2.309401	1.154701	2
3.236694	3.028212	7
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.435909	1.691507	4
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
4.312826	2.228038	7
2.309401	1.154701	2
7.697827	3.689285	17
2.309401	1.154701	2
4.260095	2.741945	8
2.309401	1.154701	2
4.163332	2.496256	7
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
4.163332	3.656008	11
3.306559	2.129163	5

2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
3.651484	2.972092	8
1.154701	1.154701	1
4.618802	1.154701	4
3.651484	1.825742	4
3.306559	2.129163	5
3.05505	2.081666	4
5.371011	2.909215	11
3.464102	1.154701	3
2.309401	1.154701	2
2.581989	1.763834	3
3.651484	2.972092	8
2.309401	1.154701	2
3.306559	2.129163	5

Bridge Competition 2010 entry 5

Span A

Table16: Total Cracks

Major Axis Length	Minor Axis Length	Area
38.16081	15.79047	259
2.309401	2.309401	4
8.712477	3.183798	17
8.985854	4.348888	22
7.644454	6.049752	23
10.29951	7.119767	42
6.567015	3.255572	15
12.93882	7.328943	38

15.7208	5.407201	39
4.396969	2.708013	8
5.104959	2.978342	11
7.893254	4.31949	21
5.186141	2.926431	11
5.748538	3.568206	12
10.20685	3.243932	21
3.435909	1.691507	4
8.922878	4.711101	23
3.333333	2.581989	6
9.491164	4.144184	23
2.309401	1.154701	2
3.464102	1.154701	3
3.306559	2.129163	5
17.73919	14.66446	93
4.163332	2.496256	7
10.79031	4.265324	29
3.651484	1.825742	4
2.581989	1.763834	3
4.678064	3.225246	11
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
8.033264	3.770057	20
6.834076	2.800665	13
7.201364	3.659062	19
4.163332	3.354599	10
3.651484	2.972092	8
4.391892	2.850957	8
1.154701	1.154701	1
2.581989	1.763834	3
322.0653	19.53899	3606
4.085748	3.306559	10
4.812125	3.737868	13
2.309401	1.154701	2
10.85632	3.693382	27
4.944132	2.581989	9
3.464102	2.309401	6
2.309401	1.154701	2
3.925855	3.000722	8
4.88676	3.74235	13
3.435909	1.691507	4

6.638836	3.432204	16
5.773503	2.780887	10
2.581989	1.763834	3
5.339096	2.271721	8
3.333333	2.581989	6
4.760952	2.619961	9
18.14743	13.02044	78
9.414874	5.682615	28
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	1.154701	2
24.73881	4.335377	56
11.34019	6.803761	28
2.581989	1.763834	3
6.446542	3.189894	15
4.944132	2.581989	9
4.085748	3.306559	10
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
14.89537	5.402275	42
2.581989	1.763834	3
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21.33365	9.077427	60
27.94777	7.986727	102
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14.84242	4.270903	33
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2.309401	2.309401	4
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3.651484	3.05505	8
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1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
5.462501	2.608267	9
1.154701	1.154701	1
19.95173	9.771313	83
13.4924	11.45128	83
9.583718	3.780224	22
2.309401	2.309401	4
5.033223	2.309401	8
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
6.781638	4.052908	16
2.581989	1.763834	3
3.464102	2.309401	6
2.309401	1.154701	2
6.861231	2.755029	10
1.154701	1.154701	1
6.534149	2.447057	11
5.887841	2.94392	12
2.309401	2.309401	4
5.262061	1.926673	7
7.442348	2.904079	15
2.309401	1.154701	2
2.309401	1.154701	2
4.053691	3.024539	9
2.309401	1.154701	2
2.581989	1.763834	3
10.87197	3.092455	23
7.496732	4.132463	22
7.041268	2.682969	12
2.309401	1.154701	2
1.154701	1.154701	1
6.260193	3.270233	15
24.66881	15.41426	126
2.581989	1.763834	3
6.810491	2.254746	10
3.306559	2.129163	5
3.306559	2.129163	5
3.306559	2.129163	5

2.309401	1.154701	2
2.309401	1.154701	2
7.062438	3.157857	13
3.435909	1.691507	4
3.05505	2.081666	4
58.53818	23.88875	388
3.879126	2.429972	7
2.309401	1.154701	2
2.581989	1.763834	3
5.333475	3.477144	13
4.279143	2.665633	8
4	2.211083	6
4.492622	1.721341	5
8.569072	4.598007	25
9.409803	3.829553	18
2.581989	1.763834	3
3.464102	1.154701	3
6.636254	3.942117	17
3.651484	1.825742	4
4.864662	2.960022	10
3.954101	3.336243	9
1.154701	1.154701	1
4.531372	2.921187	10
1.154701	1.154701	1
11.01622	4.258761	29
4	2.211083	6
3.05505	2.081666	4
11.77412	7.652681	43
21.63081	5.521199	73
2.309401	2.309401	4
3.464102	1.154701	3
3.464102	2.309401	6
1.154701	1.154701	1
5.426145	3.957414	16
1.154701	1.154701	1
15.34599	5.761582	55
2.309401	1.154701	2
3.879126	2.429972	7
3.464102	1.154701	3
5.435641	2.348517	9
5.418787	3.086363	12
1.154701	1.154701	1
8.903927	2.830014	15

6.64162	2.987122	14
3.05505	2.081666	4
5.029344	3.185929	12
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
10.067	4.100238	28
2.309401	1.154701	2
3.333333	2.581989	6
3.306559	2.129163	5
3.651484	2.972092	8
5.880522	2.97723	12
10.12572	3.801373	22
4.866132	2.446923	8
4.279143	2.665633	8
3.464102	1.154701	3
5.656854	2.981424	12
4.312826	2.228038	7
5.163978	3.126944	12
3.464102	2.309401	6
3.435909	1.691507	4
2.309401	2.309401	4
1.154701	1.154701	1
5.535026	3.095783	11
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
4.163332	2.496256	7
4.678064	3.225246	11
10.70161	2.18274	15
2.309401	2.309401	4
2.309401	1.154701	2
4.355771	1.641317	4
5.489384	2.476557	10
4.470371	3.856397	13
4.846357	3.693376	13
2.309401	1.154701	2
34.89259	17.64571	118
2.309401	1.154701	2
5.396555	4.646308	19
2.581989	1.763834	3
2.309401	2.309401	4

1.154701	1.154701	1
4.053691	3.024539	9
1.154701	1.154701	1
4.053691	3.024539	9
2.309401	1.154701	2
4.611135	3.599952	12
8.48834	3.575821	19
2.309401	1.154701	2
2.309401	2.309401	4
12.05942	6.230838	45
4.685884	3.004855	10
3.651484	1.825742	4
3.05505	2.081666	4
4.939795	2.452569	8
3.306559	2.129163	5
1.154701	1.154701	1
5.692721	5.039378	19
2.309401	2.309401	4
19.20442	11.78768	65
2.309401	1.154701	2
7.75054	2.599819	14
8.897385	3.643156	23
2.581989	1.763834	3
2.309401	1.154701	2
3.333333	2.581989	6
4.136643	2.881814	8
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
6.468019	2.373057	10
5.684308	3.465849	13
2.309401	2.309401	4
19.22718	15.65397	111
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
7.187148	3.700211	20
3.306559	2.129163	5
4.496908	3.2775	11
1.154701	1.154701	1
6.612457	2.91507	12
11.53486	4.492272	21

2.780887	2.780887	5
2.581989	1.763834	3
3.464102	2.309401	6
4.619135	2.479231	7
3.464102	2.309401	6
2.309401	2.309401	4
4.653433	2.400464	8
2.309401	2.309401	4
4.580008	3.360088	10
2.309401	2.309401	4
6.270579	2.964843	13
16.63531	3.055822	31
2.780887	2.780887	5
3.464102	2.309401	6
2.780887	2.780887	5
3.464102	1.154701	3
6.086939	2.816005	11
2.581989	1.763834	3
2.309401	1.154701	2
3.464102	2.309401	6
6.34204	2.687558	12
4.053691	3.024539	9
5.887841	2.981424	12
3.464102	1.154701	3
3.52985	2.359413	5
3.306559	2.129163	5
2.581989	1.763834	3
1.154701	1.154701	1
3.236694	3.028212	7
6.278512	2.808724	9
2.309401	1.154701	2
8.677732	4.254575	15
2.309401	1.154701	2
8.307536	3.607146	20
3.306559	2.129163	5
6.731108	3.323605	16
3.333333	2.581989	6
14.64095	3.679462	27
10.28645	4.05075	29
1.154701	1.154701	1
7.251534	4.963616	24
4.163332	2.496256	7
3.944053	2.581989	6

2.309401	2.309401	4
3.333333	2.581989	6
2.309401	1.154701	2
6.740333	3.524498	16
2.309401	1.154701	2
10.93324	7.438115	33
11.32687	3.888713	31
3.651484	2.972092	8
3.306559	2.129163	5
3.265986	2.905933	6
4.760952	2.619961	9
3.651484	1.825742	4
4.279143	2.665633	8
2.581989	1.763834	3
4.944132	2.581989	9
3.306559	2.129163	5
2.309401	1.154701	2
9.573016	3.714712	23
5.84708	3.123529	13
7.204402	4.124644	21
1.154701	1.154701	1
1.154701	1.154701	1
10.13885	4.727906	29
2.581989	1.763834	3
19.22735	15.02581	88
3.333333	2.581989	6
3.651484	1.825742	4
8.448842	3.038962	17
1.154701	1.154701	1
11.60564	5.758599	38
2.309401	1.154701	2
25.04555	9.006006	122
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
4.312826	2.228038	7
13.85539	5.036491	34
43.59108	21.38588	211
7.474684	3.580568	18
9.312569	2.670248	16
3.05505	2.081666	4
2.309401	1.154701	2
3.236694	3.028212	7

2.309401	1.154701	2
4.470371	3.856397	13
3.651484	3.05505	8
4.531372	2.921187	10
12.85912	4.294861	26
7.216868	2.854053	13
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
15.11001	7.080101	47
9.366203	2.93874	19
3.733974	2.994829	7
2.309401	1.154701	2
6.21594	3.138669	13
3.333333	2.581989	6
2.780887	2.780887	5
5.971147	2.400432	8
2.309401	2.309401	4
16.34786	7.594751	54
2.309401	2.309401	4
33.9893	14.35433	187
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
3.651484	2.972092	8
5.027961	3.29033	10
3.464102	2.309401	6
2.581989	1.763834	3
7.374803	2.848379	13
2.581989	1.763834	3
3.464102	1.154701	3
5.936387	3.694346	15
4.172402	2.731631	7
3.333333	2.581989	6
3.236694	3.028212	7
9.310007	3.224106	19
3.306559	2.129163	5
3.651484	1.825742	4
9.295039	4.123427	26
6.346291	2.779315	12

8.272509	3.321486	15
14.14536	2.933284	25
3.306559	2.129163	5
9.014001	2.848407	17
2.581989	1.763834	3
2.309401	2.309401	4
10.12031	3.755932	24
10.68514	3.463477	21
1.154701	1.154701	1
23.2494	18.41364	135
12.064	3.085978	22
6.69934	4.062211	18
9.607289	2.588213	17
3.306559	2.129163	5
3.651484	2.972092	8
1.154701	1.154701	1
2.309401	1.154701	2
6.266526	2.550443	11
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
7.044743	3.137356	13
5.887841	2.981424	12
2.309401	1.154701	2
8.326511	6.430681	30
2.780887	2.780887	5
4.253087	1.943686	5
5.784434	2.884112	9
3.854129	1.426385	3
2.309401	2.309401	4
6.648435	2.766779	11
9.361856	3.851359	26
11.13249	3.368309	24
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
5.801931	2.75968	11
2.581989	1.763834	3
5.34166	2.780887	10

2.581989	1.763834	3
2.581989	1.763834	3
2.309401	2.309401	4
2.309401	2.309401	4
5.399179	2.262845	9
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
3.464102	2.309401	6
2.780887	2.780887	5
2.309401	1.154701	2
4.760952	2.619961	9
8.993923	3.965656	22
4.952447	2.715603	9
6.796402	2.89089	13
33.083	8.465422	97
2.309401	1.154701	2
1.154701	1.154701	1
4.291184	3.088099	9
3.464102	1.154701	3
22.49875	11.94912	102
1.154701	1.154701	1
3.464102	1.154701	3
6.372355	2.395779	10
6.080663	3.229071	14
63.99865	17.77962	367
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.236694	3.028212	7
18.06591	5.827618	51
2.309401	1.154701	2
6.461763	3.847989	19
3.306559	2.129163	5
2.309401	1.154701	2
4.760952	2.619961	9
2.309401	1.154701	2
1.154701	1.154701	1
18.76752	13.4649	137
2.309401	1.154701	2
2.309401	1.154701	2
3.435909	1.691507	4

4.053691	3.024539	9
2.309401	2.309401	4
8.376385	2.704022	15
3.827022	2.75906	7
7.766316	2.091817	9
6.409783	3.241445	11
7.880541	2.695546	15
2.309401	1.154701	2
4.481684	2.477243	6
7.110844	2.501282	13
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
6.299771	3.029974	13
2.309401	1.154701	2
4.163332	3.354599	10
5.546335	4.660688	19
4.760952	2.619961	9
2.309401	1.154701	2
3.333333	2.581989	6
2.581989	1.763834	3
5.435641	2.348517	9
2.309401	1.154701	2
17.28823	7.352855	65
2.581989	1.763834	3
5.308994	4.202932	17
5.773503	2.309401	10
4.163332	1.8037	5
3.464102	2.309401	6
2.309401	2.309401	4
5.399179	2.262845	9
4	2.211083	6
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
7.760826	2.447816	12
3.306559	2.129163	5
4.848301	2.757733	9
8.701716	4.641352	27
3.954101	3.336243	9
9.104238	4.287265	23
2.309401	1.154701	2

10.1587	3.246808	22
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
5.656854	2.981424	12
1.154701	1.154701	1
2.309401	2.309401	4
5.84708	3.123529	13
3.333333	2.581989	6
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
4.760952	2.619961	9
5.605675	2.890361	12
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.236694	3.028212	7
2.309401	1.154701	2
2.309401	1.154701	2
8.901147	2.096723	10
2.309401	1.154701	2
3.306559	2.129163	5
3.05505	2.081666	4
3.651484	1.825742	4
2.309401	1.154701	2
3.05505	2.081666	4
2.581989	1.763834	3
2.309401	1.154701	2
3.306559	2.129163	5
8.796763	3.940004	20
7.492271	3.625574	14
2.581989	1.763834	3
1.154701	1.154701	1
4.653433	2.400464	8
20.24155	5.931446	60
1.154701	1.154701	1
3.435909	1.691507	4
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
68.85178	25.12206	652
4.053691	3.024539	9

4	2.211083	6
6.62781	3.175805	14
2.581989	1.763834	3
2.309401	2.309401	4
3.464102	2.309401	6
3.05505	1.154701	2
6.093009	3.259808	15
3.333333	2.581989	6
2.309401	2.309401	4
3.306559	2.129163	5
1.154701	1.154701	1
2.581989	1.763834	3
5.224311	3.53332	12
2.309401	2.309401	4
1.154701	1.154701	1
3.651484	1.825742	4
10.20169	2.977188	19
8.153736	2.700808	15
4.678064	3.225246	11
3.236694	3.028212	7
5.435641	2.348517	9
4.944132	2.581989	9
8.451902	2.543143	15
15.95617	5.496592	58
1.154701	1.154701	1
3.333333	2.581989	6
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
5.8363	2.686231	11
2.309401	1.154701	2
6.982595	2.70305	13
6.344405	3.098204	14
9.880846	4.873393	33
3.763583	2.727798	7
2.309401	1.154701	2
8.677353	3.28891	21
3.333333	2.581989	6
2.309401	1.154701	2
2.309401	1.154701	2
9.532077	2.965441	18
13.43997	7.910564	47

4.053691	3.024539	9
3.464102	2.309401	6
13.15549	5.849752	44
16.5376	4.421728	39
2.309401	2.309401	4
10.59415	9.289899	45
2.309401	1.154701	2
4.363136	2.027243	5
9.433218	4.232313	22
3.464102	2.309401	6
7.33869	3.853449	19
5.989809	5.22306	23
3.05505	2.081666	4
4.163332	2.496256	7
6.828563	2.199409	10
2.581989	1.763834	3
1.154701	1.154701	1

Table 17: Major Cracks

Major Axis Length	Minor Axis Length	Area
38.81114	15.06182	249
7.208989	3.173664	16
12.42055	7.389614	36
15.7208	5.407201	39
4.396969	2.708013	8
5.186141	2.926431	11
10.20685	3.243932	21
3.435909	1.691507	4
8.922878	4.711101	23
3.333333	2.581989	6
17.64331	14.73522	92
4.163332	2.496256	7
10.50236	4.325961	28
7.729505	3.752521	20
2.309401	1.154701	2
4.944132	2.581989	9
2.309401	1.154701	2
8.108919	3.501195	19
7.393691	3.362832	18
4.163332	3.354599	10

3.464102	2.309401	6
6.433893	2.496071	11
3.763583	2.727798	7
2.581989	1.763834	3
322.7242	18.45844	3476
4.085748	3.306559	10
4.812125	3.737868	13
10.85632	3.693382	27
3.464102	2.309401	6
2.309401	1.154701	2
4.163332	2.496256	7
5.029344	3.185929	12
6.638836	3.432204	16
6.119976	2.052453	8
5.339096	2.271721	8
3.333333	2.581989	6
4.760952	2.619961	9
18.18432	12.69403	76
2.780887	2.780887	5
24.99942	4.256417	53
11.27402	2.706138	20
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2.309401	2.309401	4
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21.33365	9.077427	60
27.85922	7.989308	101
8.27692	2.465285	14
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3.435909	1.691507	4
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16.8776	8.755589	62
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7.976683	2.702935	15
3.05505	2.081666	4
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3.435909	1.691507	4
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2.309401	1.154701	2
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26.84165	13.48011	143
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2.309401	1.154701	2
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3.306559	2.129163	5
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38.31242	23.68523	278
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9.120801	3.314186	18
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3.464102	2.309401	6
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11.49585	2.792852	21
6.545946	3.361801	15
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2.581989	1.763834	3
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33.51974	18.2923	203
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2.581989	1.763834	3
2.309401	2.309401	4
6.453187	2.812815	12
4.760952	2.619961	9
16.71308	2.989922	30
2.780887	2.780887	5
3.464102	2.309401	6
2.780887	2.780887	5
3.464102	1.154701	3
6.056681	2.413148	10
2.581989	1.763834	3
2.309401	1.154701	2
3.464102	2.309401	6
6.34204	2.687558	12
4.053691	3.024539	9
5.780546	2.708247	11
2.309401	2.309401	4
3.05505	2.081666	4
3.236694	3.028212	7
6.278512	2.808724	9
2.309401	1.154701	2
8.677732	4.254575	15
8.437577	3.484076	19
3.306559	2.129163	5
5.330127	3.286455	13
3.333333	2.581989	6
14.87897	3.219355	23
10.20322	3.879531	28
6.596602	4.96045	22
4.163332	2.496256	7
2.780887	2.780887	5
2.309401	2.309401	4
3.333333	2.581989	6
6.740333	3.524498	16
1.154701	1.154701	1
10.93324	7.438115	33
11.72616	3.917602	28
3.236694	3.028212	7
3.306559	2.129163	5
3.306559	2.129163	5

4.760952	2.619961	9
3.651484	1.825742	4
4.279143	2.665633	8
2.581989	1.763834	3
4.939795	2.452569	8
2.309401	2.309401	4
2.309401	1.154701	2
9.201576	3.64308	21
5.84708	3.123529	13
7.355853	3.91894	20
1.154701	1.154701	1
1.154701	1.154701	1
10.27143	4.56262	28
2.581989	1.763834	3
19.89763	11.29243	79
3.333333	2.581989	6
2.581989	1.763834	3
8.066896	2.877388	16
1.154701	1.154701	1
11.60564	5.758599	38
2.309401	1.154701	2
24.9541	9.00936	120
2.309401	1.154701	2
4.312826	2.228038	7
43.18825	21.41565	205
12.72729	4.984412	29
7.183698	2.736271	13
9.312569	2.670248	16
3.05505	2.081666	4
2.309401	1.154701	2
3.236694	3.028212	7
4.470371	3.856397	13
3.651484	3.05505	8
4.053691	3.024539	9
12.85381	3.91245	24
7.216868	2.854053	13
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
12.49925	7.386825	43
8.77786	2.293532	15
3.333333	2.581989	6

2.780887	2.780887	5
3.333333	2.581989	6
3.306559	2.129163	5
4.396969	2.708013	8
2.309401	2.309401	4
2.309401	1.154701	2
10.25905	4.801492	31
2.309401	2.309401	4
33.4804	14.21709	181
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
3.879126	2.429972	7
3.464102	2.309401	6
2.581989	1.763834	3
7.374803	2.848379	13
2.581989	1.763834	3
3.333333	2.581989	6
6.065815	3.269386	14
10.28205	2.9836	19
3.333333	2.581989	6
3.236694	3.028212	7
8.648515	3.042028	17
3.306559	2.129163	5
6.346291	2.779315	12
14.20726	2.894134	24
2.581989	1.763834	3
2.309401	2.309401	4
10.24332	3.569474	20
11.19087	3.358793	19
21.83592	14.10009	110
11.4229	3.101167	21
6.030254	2.510517	10
6.69934	4.062211	18
3.306559	2.129163	5
3.651484	2.972092	8
2.309401	1.154701	2
6.266526	2.550443	11
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
7.044743	3.137356	13

6.056681	2.413148	10
2.309401	1.154701	2
2.780887	2.780887	5
4.253087	1.943686	5
3.05505	1.154701	2
2.309401	2.309401	4
6.648435	2.766779	11
8.954501	3.861941	23
11.13249	3.368309	24
2.309401	2.309401	4
1.154701	1.154701	1
5.801931	2.75968	11
2.581989	1.763834	3
5.34166	2.780887	10
2.581989	1.763834	3
2.309401	2.309401	4
5.033532	3.139929	11
2.309401	2.309401	4
5.399179	2.262845	9
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	2.309401	4
2.780887	2.780887	5
2.309401	1.154701	2
5.033223	2.309401	8
7.244173	2.897017	14
4.279143	2.665633	8
6.796402	2.89089	13
32.91978	8.475903	95
2.309401	1.154701	2
4.291184	3.088099	9
22.60016	11.82404	101
6.646577	2.077701	9
5.714235	3.303572	13
64.68078	17.35374	352
2.309401	1.154701	2
2.309401	1.154701	2
17.93452	5.848374	50
3.464102	2.309401	6
2.309401	1.154701	2
6.461763	3.847989	19
3.306559	2.129163	5

2.309401	1.154701	2
2.309401	1.154701	2
18.46411	13.42115	133
3.879126	2.429972	7
2.309401	1.154701	2
2.309401	1.154701	2
3.435909	1.691507	4
4.053691	3.024539	9
2.309401	2.309401	4
8.514397	2.451211	14
3.827022	2.75906	7
7.766316	2.091817	9
7.880541	2.695546	15
2.309401	1.154701	2
4.88189	1.775899	5
1.154701	1.154701	1
6.189712	2.477751	11
1.154701	1.154701	1
4.163332	3.354599	10
5.546335	4.660688	19
4.760952	2.619961	9
2.309401	1.154701	2
2.581989	1.763834	3
5.475623	2.164307	8
17.28823	7.352855	65
5.032996	3.54324	13
2.309401	1.154701	2
5.773503	2.309401	10
4.163332	1.8037	5
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
7.760826	2.447816	12
3.435909	1.691507	4
4.312826	2.228038	7
8.701716	4.641352	27
10.03009	3.179523	21
2.309401	1.154701	2
5.656854	2.981424	12
2.309401	2.309401	4

5.84708	3.123529	13
3.333333	2.581989	6
3.306559	2.129163	5
4.760952	2.619961	9
5.8363	2.686231	11
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
8.901147	2.096723	10
3.306559	2.129163	5
3.05505	2.081666	4
3.651484	1.825742	4
3.05505	2.081666	4
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5
8.796763	3.940004	20
2.581989	1.763834	3
4.653433	2.400464	8
20.48424	5.952205	58
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
69.1708	24.73304	641
4.053691	3.024539	9
4	2.211083	6
6.62781	3.175805	14
3.05505	1.154701	2
3.333333	2.581989	6
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
2.581989	1.763834	3
8.153736	2.700808	15
4.678064	3.225246	11
4.944132	2.581989	9
8.451902	2.543143	15
15.95617	5.496592	58
3.333333	2.581989	6
2.309401	1.154701	2
5.8363	2.686231	11

6.982595	2.70305	13
5.422403	3.168911	12
9.83198	4.726794	32
2.309401	1.154701	2
8.677353	3.28891	21
3.333333	2.581989	6
2.309401	1.154701	2
7.623181	2.875644	15
13.43997	7.910564	47
16.5376	4.421728	39
10.70868	9.045743	44
1.154701	1.154701	1
9.115776	3.585143	18
3.464102	2.309401	6
4.163332	2.496256	7

Table 18: Minor Cracks

Major Axis Length	Minor Axis Length	Area
3.05505	2.081666	4
2.309401	2.309401	4
8.712477	3.183798	17
2.581989	1.763834	3
7.644454	6.049752	23
10.29951	7.119767	42
6.567015	3.255572	15
5.104959	2.978342	11
7.893254	4.31949	21
5.748538	3.568206	12
2.309401	1.154701	2
3.464102	1.154701	3
3.306559	2.129163	5
3.651484	1.825742	4
3.306559	2.129163	5
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
4.944132	2.581989	9
3.306559	2.129163	5
3.435909	1.691507	4

3.306559	2.129163	5
2.581989	1.763834	3
9.414874	5.682615	28
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
4.944132	2.581989	9
2.581989	1.763834	3
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
5.308994	4.202932	17
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
4.513541	2.018017	6
2.581989	1.763834	3
4.163332	2	6
4.056654	2.865349	8
1.154701	1.154701	1
2.309401	1.154701	2
5.167937	3.490174	12
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
3.05505	2.081666	4
2.309401	1.154701	2
6.463392	3.244053	14
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
12.43698	9.40354	57
2.581989	1.763834	3
2.309401	1.154701	2
5.773503	4.46108	18

2.581989	1.763834	3
3.651484	1.825742	4
2.309401	1.154701	2
11.60864	2.776272	22
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	2.309401	4
3.651484	3.05505	8
3.464102	1.154701	3
4.593427	3.036678	9
4	2.211083	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.333333	2.581989	6
1.154701	1.154701	1
3.05505	2.081666	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
4.258325	3.208323	10
1.154701	1.154701	1
3.854129	1.426385	3
3.464102	1.154701	3
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2

3.464102	1.154701	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5

4.618802	1.825742	4
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
3.464102	1.154701	3
1.154701	1.154701	1
4	2.211083	6
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	2.309401	4
3.05505	2.081666	4
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
4.96884	2.25575	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1

1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
6.21594	3.138669	13
1.154701	1.154701	1
3.464102	1.154701	3
4.172402	2.731631	7
3.651484	1.825742	4
9.295039	4.123427	26
2.309401	2.309401	4
9.014001	2.848407	17
1.154701	1.154701	1
9.607289	2.588213	17
2.309401	1.154701	2
1.154701	1.154701	1
8.326511	6.430681	30
5.784434	2.884112	9
1.154701	1.154701	1
2.581989	1.763834	3
7.004464	2.557816	9
3.464102	2.309401	6
2.309401	1.154701	2
3.464102	1.154701	3
3.464102	1.154701	3
2.309401	1.154701	2
1.154701	1.154701	1
6.409783	3.241445	11
2.309401	1.154701	2
6.299771	3.029974	13
2.309401	1.154701	2
3.333333	2.581989	6
2.309401	1.154701	2
5.399179	2.262845	9
1.154701	1.154701	1
3.954101	3.336243	9
9.104238	4.287265	23
2.309401	1.154701	2
2.309401	1.154701	2

1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
7.492271	3.625574	14
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
2.309401	2.309401	4
3.464102	2.309401	6
6.093009	3.259808	15
1.154701	1.154701	1
2.581989	1.763834	3
5.224311	3.53332	12
10.20169	2.977188	19
3.236694	3.028212	7
5.435641	2.348517	9
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.763583	2.727798	7
2.309401	1.154701	2
4.053691	3.024539	9
3.464102	2.309401	6
13.15549	5.849752	44
2.309401	2.309401	4
4.363136	2.027243	5
7.33869	3.853449	19
6.115954	4.748792	22
3.05505	2.081666	4
6.828563	2.199409	10
2.581989	1.763834	3
1.154701	1.154701	1

Span B

Table19: Total Cracks

Major Axis Length	Minor Axis Length	Area
354.7309	136.1731	30999
3.333333	2.581989	6
3.651484	2.972092	8
14.28225	6.292867	42
2.309401	1.154701	2
4.163332	3.05505	8
5.567764	3.05505	12
4.685884	3.004855	10
15.54278	3.448356	36
12.2535	3.975843	30
19.67883	11.7481	85
3.236694	3.028212	7
9.081935	4.341283	23
5.585267	2.733397	10
22.78754	9.824842	72
3.306559	2.129163	5
9.228826	2.585139	16
3.879126	2.429972	7
3.306559	2.129163	5
6.394905	2.747659	12
1.154701	1.154701	1
4.312826	2.228038	7
5.74933	2.147527	8
19.62452	10.14358	110
4.623527	3.099945	10
8.487888	3.080037	18
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3.306559	2.129163	5
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11.87123	4.566171	32
4.053691	3.024539	9
8.1242	3.090782	12
2.309401	1.154701	2

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5.195258	3.373194	11
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4.279143	2.665633	8
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5.109174	2.136119	8
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13.05593	2.83037	22
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7.005038	2.546565	12
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81.49266	20.36664	464
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3.435909	1.691507	4
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15.77128	2.944155	31
12.77344	3.048703	27
22.52364	3.496528	41
2.581989	1.763834	3
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3.733974	2.994829	7
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6.454541	3.702897	17
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9.54734	5.443654	25
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3.651484	2.972092	8
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3.05505	2.081666	4
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16.24703	5.694501	37
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13.22537	3.722101	30
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4.440552	2.991349	8

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2.309401	2.309401	4
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6.289931	3.278395	15
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23.17049	14.77116	144
6.848189	5.267382	26
15.07542	12.81043	95
16.09208	4.842154	28
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6.043523	3.173561	13
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3.05505	2.081666	4
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5.041736	3.476751	13
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7.538216	3.275799	18
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4.163332	2	6
4	2.211083	6

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8.161589	3.376594	19
3.306559	2.129163	5
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8.074118	2.995878	16
3.05505	2.081666	4
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6.491897	3.243755	16
8.893683	5.046044	26
4.163332	2.496256	7
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9.595603	3.451711	23
6.299771	3.029974	13
32.23513	24.93779	331
8.891945	3.942975	23
3.464102	2.309401	6
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10.12053	3.872549	28
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4.279143	2.665633	8

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4.163332	2.496256	7
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2.581989	1.763834	3
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3.333333	2.581989	6
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4.944132	2.581989	9
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2.309401	2.309401	4
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3.435909	1.691507	4
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4.279143	2.665633	8
3.05505	2.081666	4
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2.309401	2.309401	4
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73.28267	26.46573	793
16.52023	6.150761	48
12.39729	7.08448	50
3.236694	3.028212	7
12.10728	4.240628	29
6.130731	2.323962	10
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3.435909	1.691507	4
10.94821	3.37264	28
5.908368	3.759369	16
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10.39198	3.279725	23
10.23196	3.341871	24
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14.86488	4.553176	42
6.433893	2.496071	11
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3.236694	3.028212	7
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4.053691	3.024539	9
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3.05505	2.081666	4
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3.464102	2.309401	6
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3.306559	2.129163	5
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2.309401	1.154701	2
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2.780887	2.780887	5
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3.333333	2.581989	6
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2.780887	2.780887	5
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3.879126	2.429972	7
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10.52653	3.142519	22
8.113197	3.042684	17
6.552528	3.12942	15
2.309401	2.309401	4
2.780887	2.780887	5
2.780887	2.780887	5
1.154701	1.154701	1
2.309401	1.154701	2
6.332556	4.154266	19
6.929796	3.758167	19
4.496908	3.2775	11
2.309401	1.154701	2
2.581989	1.763834	3
7.019919	2.813896	14
14.1124	3.433997	29
1.154701	1.154701	1

5.561774	3.306559	10
2.581989	1.763834	3
3.306559	2.129163	5
7.562201	3.15003	17
12.15251	3.273796	28
4.745688	2.990837	10
3.236694	3.028212	7
2.581989	1.763834	3
4.653433	2.400464	8
2.309401	1.154701	2
13.93748	6.927265	42
13.50278	5.24171	41
3.651484	3.05505	8
4.163332	2.496256	7
2.581989	1.763834	3
2.309401	2.309401	4
20.52243	3.601837	41
3.464102	2.309401	6
16.57606	12.16055	54
2.309401	2.309401	4
2.309401	2.309401	4
6.977942	4.90761	23
8.718504	3.433681	18
6.928203	2.309401	12
4.053691	3.024539	9
6.575219	2.943456	13
4.753223	3.278905	11
1.154701	1.154701	1
3.333333	2.581989	6
190.8859	38.62064	2290
3.333333	2.581989	6
2.309401	2.309401	4
3.435909	1.691507	4
5.792753	4.551442	18
3.236694	3.028212	7
2.309401	1.154701	2
4.312826	2.228038	7
2.581989	1.763834	3
5.807935	2.766688	10
9.066546	2.687001	15
10.44032	4.245155	26
3.763583	2.727798	7
3.879126	2.429972	7

14.23092	3.440223	32
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
4	2.211083	6
2.309401	1.154701	2
3.333333	2.581989	6
2.581989	1.763834	3
20.3837	8.082944	46
4.404498	2.855863	9
3.464102	1.154701	3
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
3.763583	2.727798	7
3.829708	2.403701	6
3.05505	2.081666	4
7.306533	3.660771	20
2.309401	1.154701	2
3.464102	3.464102	9
4.686303	3.601347	11
5.428896	1.964795	6
3.05505	2.081666	4
2.309401	1.154701	2
19.57953	6.06189	57
2.780887	2.780887	5
2.309401	2.309401	4
4.312826	2.228038	7
4.279143	2.665633	8
2.581989	1.763834	3
2.309401	2.309401	4
2.780887	2.780887	5
5.435641	2.348517	9
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	1.154701	2
7.30315	2.963033	15
4.053691	3.024539	9
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	2.309401	6
3.306559	2.129163	5

3.236694	3.028212	7
2.309401	1.154701	2
5.489384	2.476557	10
2.780887	2.780887	5
4.496908	3.2775	11
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
27.79624	6.322006	84
4.053691	3.024539	9
4.653433	2.400464	8
3.333333	2.581989	6
3.435909	1.691507	4
5.499389	3.208304	13
1.154701	1.154701	1
5.773503	2.309401	10
2.780887	2.780887	5
13.30472	6.250713	35
2.309401	2.309401	4
2.309401	1.154701	2
2.581989	1.763834	3
4	2.211083	6
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
3.333333	2.581989	6
9.651031	2.774367	18
1.154701	1.154701	1
11.76252	4.998163	32
2.309401	1.154701	2
2.780887	2.780887	5
2.309401	1.154701	2
2.581989	1.763834	3
3.306559	2.129163	5
8.260673	4.034747	22
5.109174	2.136119	8
4.253087	1.943686	5
2.309401	1.154701	2
4.653433	2.400464	8
6.210543	3.145114	14
1.154701	1.154701	1
4.312826	2.228038	7

3.05505	2.081666	4
7.036668	5.031732	23
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
4	2.211083	6
4.053691	3.024539	9
2.309401	1.154701	2
1.154701	1.154701	1
26.39442	14.83639	190
2.581989	1.763834	3
4.815104	3.117922	10
4	2.211083	6
3.306559	2.129163	5
1.154701	1.154701	1
3.435909	1.691507	4
3.879126	2.429972	7
2.581989	1.763834	3
2.309401	1.154701	2
4.126752	3.735851	10
3.306559	2.129163	5
3.333333	2.581989	6
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.333333	2.581989	6
3.306559	2.129163	5
3.05505	2.081666	4
3.236694	3.028212	7
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.279143	2.665633	8
2.309401	2.309401	4
4	2.211083	6
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
5.428978	2.892477	11
7.07674	5.397295	26
3.464102	2.309401	6

3.854129	1.426385	3
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
2.581989	1.763834	3
8.078033	2.856929	16
6.712633	2.151192	7
3.52985	2.359413	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2

Table 20: Major Cracks

Major Axis Length	Minor Axis Length	Area
354.7089	136.1527	30992
2.780887	2.780887	5
3.651484	2.972092	8
14.28225	6.292867	42
2.309401	1.154701	2
3.236694	3.028212	7
5.567764	3.05505	12
4.685884	3.004855	10
15.95612	3.317111	34
12.53898	3.792026	28
19.54822	11.09994	80
3.236694	3.028212	7
9.081935	4.341283	23
22.27425	9.477117	70
3.306559	2.129163	5
9.228826	2.585139	16
3.879126	2.429972	7

5.648957	2.789399	11
1.154701	1.154701	1
4.312826	2.228038	7
5.74933	2.147527	8
19.37851	10.11291	107
4.623527	3.099945	10
8.840304	2.589053	16
1.154701	1.154701	1
2.309401	1.154701	2
4	2.211083	6
9.386789	6.029241	32
3.306559	2.129163	5
6.80932	3.645201	18
12.20145	4.413649	30
4.053691	3.024539	9
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
30.60337	19.35339	201
4.279143	2.665633	8
2.309401	2.309401	4
10.726	3.906212	24
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
2.581989	1.763834	3
26.77215	16.25154	229
2.309401	1.154701	2
6.554622	3.324236	14
12.82381	2.488868	19
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	1.154701	2
6.51391	2.279105	11
1.154701	1.154701	1
3.333333	2.581989	6
2.309401	1.154701	2
3.333333	2.581989	6
3.306559	2.129163	5
80.92118	20.45298	448
5.339096	2.271721	8
6.203219	3.010396	13
14.59275	5.390565	40

2.309401	1.154701	2
8.684961	3.852028	20
2.309401	2.309401	4
2.309401	2.309401	4
12.03577	2.974373	25
22.23899	3.323852	37
3.333333	2.581989	6
10.35555	5.791254	32
2.581989	1.763834	3
3.05505	1.154701	2
2.309401	2.309401	4
5.638718	3.616021	14
2.581989	1.763834	3
6.6378	4.693164	21
3.333333	2.581989	6
3.464102	2.309401	6
2.309401	1.154701	2
4	2.211083	6
2.309401	2.309401	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
12.50528	5.335561	28
2.309401	2.309401	4
2.309401	1.154701	2
9.593072	3.908775	24
6.497092	3.448473	16
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
10.7543	3.481798	24
8.580419	4.548372	23
3.52985	2.359413	5
10.01975	9.061878	50
2.780887	2.780887	5
3.306559	2.129163	5
2.309401	2.309401	4
3.464102	2.309401	6
4.312826	2.228038	7
2.309401	1.154701	2
4	2.211083	6
3.464102	2.309401	6
16.27334	3.323993	37

5.066665	1.611077	5
10.50626	5.099427	22
2.581989	1.763834	3
2.309401	2.309401	4
4.944132	2.581989	9
2.309401	2.309401	4
2.309401	2.309401	4
4.760952	2.619961	9
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
5.303917	3.159046	12
2.309401	1.154701	2
5.428978	2.892477	11
3.333333	2.581989	6
15.21652	5.634725	51
3.05505	2.081666	4
5.418787	3.086363	12
2.309401	2.309401	4
8.508718	3.671274	18
5.489384	2.476557	10
10.85679	4.636883	25
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
2.581989	1.763834	3
3.464102	2.309401	6
1.154701	1.154701	1
11.53193	5.475489	31
5.330127	3.286455	13
2.309401	1.154701	2
16.62718	6.010476	39
2.309401	1.154701	2
14.48647	3.791828	31
16.31338	5.702232	36
2.309401	2.309401	4
9.198578	2.660271	17
13.27019	3.628441	29
2.309401	1.154701	2
3.333333	2.581989	6
8.489806	4.46354	24

4.611135	3.599952	12
2.581989	1.763834	3
4	2.211083	6
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	1.154701	2
3.827022	2.75906	7
2.581989	1.763834	3
7.46259	2.906168	14
4.760952	2.619961	9
2.309401	1.154701	2
2.309401	2.309401	4
3.464102	2.309401	6
2.309401	2.309401	4
2.309401	1.154701	2
5.399179	2.262845	9
3.464102	2.309401	6
14.98673	11.73135	106
3.464102	2.309401	6
2.309401	2.309401	4
2.309401	2.309401	4
2.581989	1.763834	3
6.574619	2.624022	12
1.154701	1.154701	1
11.78726	3.329451	27
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
22.37804	6.862324	63
4.312826	2.228038	7
6.458759	3.059291	14
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	1.154701	2
10.53758	3.783009	17
2.309401	1.154701	2
5.38384	3.751273	15
2.309401	2.309401	4
4.053691	3.024539	9

23.2515	14.80536	141
7.139367	4.669663	23
15.29199	12.95005	84
2.309401	1.154701	2
3.05505	2.081666	4
5.413356	5.021772	19
15.92882	4.48452	26
3.05505	2.081666	4
2.309401	1.154701	2
17.54527	5.810442	50
4.653433	2.400464	8
2.780887	2.780887	5
10.92973	7.387224	34
2.309401	1.154701	2
2.309401	2.309401	4
5.656854	2.981424	12
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.333333	2.581989	6
2.581989	1.763834	3
3.05505	2.081666	4
2.309401	1.154701	2
8.471092	2.881874	17
5.671347	2.062156	8
2.309401	1.154701	2
5.810965	3.859968	16
5.163978	3.126944	12
2.309401	2.309401	4
4.760952	2.619961	9
3.651484	2.972092	8
7.538216	3.275799	18
3.306559	2.129163	5
3.651484	3.05505	8
4.163332	2	6
4.163332	1.8037	5
3.435909	1.691507	4
3.306559	2.129163	5
6.392153	2.796226	13
3.306559	2.129163	5
8.720979	2.05212	10
7.334499	2.838214	14
1.154701	1.154701	1

3.05505	2.081666	4
2.309401	2.309401	4
16.12074	9.44055	68
6.55614	3.052744	15
9.206304	4.496242	24
4.163332	2.496256	7
2.309401	1.154701	2
3.333333	2.581989	6
3.651484	3.05505	8
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
6.619449	2.595852	12
5.126507	4.198814	15
18.76065	8.592353	87
4.163332	2.496256	7
10.17999	3.369641	20
9.847082	3.169592	21
6.299771	3.029974	13
30.50295	24.91289	305
8.891945	3.942975	23
3.464102	2.309401	6
3.306559	2.129163	5
1.154701	1.154701	1
4.163332	2.496256	7
2.309401	1.154701	2
2.581989	1.763834	3
3.435909	1.691507	4
10.12053	3.872549	28
4.279143	2.665633	8
2.309401	2.309401	4
4.053691	3.024539	9
4.866132	2.446923	8
3.05505	2.081666	4
8.517544	3.029344	17
2.780887	2.780887	5
2.581989	1.763834	3
3.651484	2.972092	8
2.309401	2.309401	4
2.309401	2.309401	4
2.581989	1.763834	3
3.879126	2.429972	7

2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
23.62628	21.0004	126
3.333333	2.581989	6
9.170254	3.056664	19
9.022323	2.364506	14
18.36144	8.139523	58
2.309401	2.309401	4
2.309401	1.154701	2
3.879126	2.429972	7
2.581989	1.763834	3
2.581989	1.763834	3
4.053691	3.024539	9
3.333333	2.581989	6
2.581989	1.763834	3
11.72084	2.948464	22
4.944132	2.581989	9
2.309401	1.154701	2
2.309401	1.154701	2
4.430771	2.884248	9
3.827022	2.75906	7
1.154701	1.154701	1
6.51391	2.279105	11
12.36578	3.142485	23
1.154701	1.154701	1
2.581989	1.763834	3
4.312826	2.228038	7
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
11.91834	6.29304	33
6.565905	2.581989	12
3.435909	1.691507	4
9.142428	3.692001	23
2.780887	2.780887	5
3.333333	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
14.43993	6.226335	43

4.279143	2.665633	8
3.333333	2.581989	6
2.309401	1.154701	2
24.42272	21.09362	204
3.435909	1.691507	4
10.75543	3.238602	21
2.581989	1.763834	3
2.309401	1.154701	2
6.594498	2.982205	14
5.970154	2.793153	12
73.09528	26.81825	759
16.42482	6.239058	46
10.68178	6.824909	37
3.236694	3.028212	7
12.39867	4.34788	27
6.130731	2.323962	10
3.05505	2.081666	4
13.07416	5.628764	40
2.309401	1.154701	2
11.1832	3.187408	25
5.908368	3.759369	16
2.309401	1.154701	2
2.309401	2.309401	4
4.163332	2.496256	7
4.053691	3.024539	9
2.309401	1.154701	2
4.623527	3.099945	10
3.435909	1.691507	4
4.053691	3.024539	9
3.333333	2.581989	6
10.40175	2.805405	20
10.06986	2.979391	19
3.306559	2.129163	5
13.72919	3.922121	26
1.154701	1.154701	1
9.359125	3.781408	25
4.653433	2.400464	8
2.309401	2.309401	4
17.89691	10.57886	75
2.309401	1.154701	2
3.464102	2.309401	6
8.896564	4.167009	26
10.28462	3.601849	20

14.86488	4.553176	42
6.678315	2.463084	10
2.780887	2.780887	5
7.011956	2.203898	9
1.154701	1.154701	1
2.309401	1.154701	2
3.236694	3.028212	7
4.163332	2.496256	7
3.333333	2.581989	6
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3.333333	2.581989	6
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3.306559	2.129163	5
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2.780887	2.780887	5
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3.464102	2.309401	6
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10.01287	3.423614	25
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6.21415	3.644417	13
4.163332	2.496256	7
13.90309	6.181375	37
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3.651484	3.05505	8
4.053691	3.024539	9
8.226832	2.916914	17
3.05505	2.081666	4
3.05505	2.081666	4
3.651484	2.972092	8
2.309401	2.309401	4
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14.10292	5.713799	41
3.464102	2.309401	6
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6.160411	3.074198	14
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2.309401	1.154701	2
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5.489384	2.476557	10
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3.435909	1.691507	4
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3.236694	3.028212	7
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2.309401	2.309401	4
3.306559	2.129163	5
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7.573082	3.984302	19
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20.06815	7.600178	56
4.312826	2.228038	7

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5.723802	3.526383	14
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13.07357	5.20277	33
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4.163332	1.8037	5
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2.309401	2.309401	4
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17.39995	4.251357	43
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2.309401	2.309401	4
2.309401	2.309401	4
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2.780887	2.780887	5
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3.651484	1.825742	4
2.309401	2.309401	4
4.531372	2.921187	10
2.309401	2.309401	4
6.534149	2.447057	11
2.581989	1.763834	3

9.645527	4.832692	30
2.309401	2.309401	4
2.309401	1.154701	2
2.581989	1.763834	3
6.900625	2.632433	13
5.648957	2.789399	11
2.309401	2.309401	4
2.309401	1.154701	2
359.7753	143.7762	33632
3.05505	2.081666	4
10.62713	2.91751	19
1.154701	1.154701	1
2.309401	1.154701	2
19.84771	5.304958	41
23.4361	7.220922	67
3.879126	2.429972	7
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	1.154701	2
6.332017	2.797617	13
15.35678	3.291802	34
2.309401	1.154701	2
6.34204	2.687558	12
2.309401	1.154701	2
71.16226	30.65652	200
2.309401	1.154701	2
3.306559	2.129163	5
2.581989	1.763834	3
6.587277	4.646983	20
3.333333	2.581989	6
7.556814	2.664526	13
5.029344	3.185929	12
2.309401	2.309401	4
2.309401	2.309401	4
6.574619	2.624022	12
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
9.919333	4.300664	24
3.464102	1.154701	3
10.73967	2.990098	21
8.356726	3.003214	16

6.34204	2.687558	12
2.309401	1.154701	2
2.780887	2.780887	5
2.780887	2.780887	5
5.405088	4.354348	17
6.929796	3.758167	19
4.496908	3.2775	11
2.309401	1.154701	2
2.581989	1.763834	3
7.019919	2.813896	14
13.77687	3.444504	28
2.581989	1.763834	3
3.306559	2.129163	5
7.768715	3.051841	16
11.93341	3.18652	26
4.745688	2.990837	10
3.236694	3.028212	7
2.581989	1.763834	3
4.653433	2.400464	8
14.07154	6.976185	37
13.50278	5.24171	41
3.651484	3.05505	8
4.163332	2.496256	7
2.581989	1.763834	3
2.309401	2.309401	4
20.11681	3.203736	37
3.464102	2.309401	6
18.96342	5.300953	35
2.309401	2.309401	4
2.309401	2.309401	4
7.532843	3.881266	19
6.928203	2.309401	12
4.053691	3.024539	9
6.574619	2.624022	12
4.291184	3.088099	9
3.333333	2.581989	6
191.3119	38.08558	2198
3.333333	2.581989	6
2.309401	2.309401	4
3.435909	1.691507	4
3.236694	3.028212	7
2.309401	1.154701	2
4.312826	2.228038	7

2.581989	1.763834	3
5.374327	4.26858	16
4.852812	2.889888	9
2.309401	1.154701	2
9.386376	3.609673	21
3.879126	2.429972	7
2.309401	2.309401	4
2.581989	1.763834	3
14.00232	2.708381	26
6.324588	2.286101	10
7.417054	3.153936	15
2.309401	1.154701	2
18.05881	6.919629	38
3.879126	2.429972	7
2.309401	1.154701	2
3.05505	2.081666	4
2.581989	1.763834	3
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	2.309401	4
7.69392	3.14742	17
2.309401	1.154701	2
3.651484	2.972092	8
4.163332	2.496256	7
3.05505	2.081666	4
2.309401	1.154701	2
20.05135	5.792313	52
2.780887	2.780887	5
2.309401	2.309401	4
4.279143	2.665633	8
2.309401	1.154701	2
2.309401	2.309401	4
2.780887	2.780887	5
5.435641	2.348517	9
2.309401	1.154701	2
3.464102	2.309401	6
2.309401	1.154701	2
7.30315	2.963033	15
4.053691	3.024539	9
3.05505	2.081666	4
3.306559	2.129163	5

3.236694	3.028212	7
2.309401	1.154701	2
5.435641	2.348517	9
2.309401	2.309401	4
2.780887	2.780887	5
4.496908	3.2775	11
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
28.3104	6.26747	77
4.053691	3.024539	9
4.653433	2.400464	8
3.333333	2.581989	6
2.581989	1.763834	3
5.499389	3.208304	13
1.154701	1.154701	1
5.773503	2.309401	10
2.780887	2.780887	5
5.186141	2.926431	11
7.651937	3.548877	20
2.309401	2.309401	4
2.581989	1.763834	3
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	1.154701	2
3.333333	2.581989	6
9.078276	2.647099	15
10.38055	4.243994	26
2.780887	2.780887	5
3.435909	1.691507	4
7.710106	3.515993	19
2.309401	1.154701	2
5.84708	3.123529	13
4.312826	2.228038	7
3.05505	2.081666	4
7.09075	4.40034	21
2.581989	1.763834	3
1.154701	1.154701	1
3.306559	2.129163	5
4.053691	3.024539	9
2.309401	1.154701	2
26.48586	14.52658	164
2.309401	1.154701	2

4.815104	3.117922	10
4	2.211083	6
2.309401	2.309401	4
1.154701	1.154701	1
3.435909	1.691507	4
4	2.211083	6
2.309401	1.154701	2
2.309401	1.154701	2
4.126752	3.735851	10
2.309401	2.309401	4
3.333333	2.581989	6
1.154701	1.154701	1
3.333333	2.581989	6
3.05505	2.081666	4
3.464102	2.309401	6
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1
4.279143	2.665633	8
2.309401	2.309401	4
3.306559	2.129163	5
2.309401	1.154701	2
4.653433	2.400464	8
3.464102	2.309401	6
3.854129	1.426385	3
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
6.282406	1.788306	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2

Table 21: Minor Cracks

Major Axis Length	Minor Axis Length	Area
5.585267	2.733397	10
3.306559	2.129163	5
2.581989	1.763834	3
8.1242	3.090782	12

5.120764	2.54345	9
3.306559	2.129163	5
3.05505	2.081666	4
4.499158	3.691999	11
3.435909	1.691507	4
1.154701	1.154701	1
15.77128	2.944155	31
2.581989	1.763834	3
3.464102	2.309401	6
3.236694	3.028212	7
2.309401	1.154701	2
10.71568	3.955074	22
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
5.109174	2.136119	8
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.05505	2.081666	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2

5.788786	1.941356	7
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	1.154701	2
1.154701	1.154701	1
6.607099	2.108318	9
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
3.925855	3.000722	8
3.306559	2.129163	5
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
8.3084	3.02446	14
3.05505	2.081666	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
4.163332	2	6

3.464102	1.154701	3
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
5.526219	1.671596	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	1.825742	4
1.154701	1.154701	1
4.134723	2.710813	6
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.40196	2.780887	5
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
6.340518	2.665796	9
4.253087	1.943686	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	2.309401	4
3.763583	2.727798	7
3.651484	2.972092	8
4.279143	2.665633	8
4.875286	3.022954	10
5.773503	3.198866	13
1.154701	1.154701	1
8.450739	3.217719	14
8.470418	3.82827	21
2.309401	1.154701	2
4	2.211083	6
3.464102	1.154701	3
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
3.05505	2.081666	4

2.309401	2.309401	4
4.163332	3.354599	10
1.154701	1.154701	1
3.464102	2.309401	6
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
5.520524	3.706952	14
3.944053	2.581989	6
2.309401	1.154701	2
1.154701	1.154701	1
4.258325	3.208323	10
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	1.825742	4
2.309401	1.154701	2
1.154701	1.154701	1
6.140814	1.867535	7
8.718504	3.433681	18
1.154701	1.154701	1
4	2.211083	6
3.464102	1.154701	3
5.428896	1.964795	6
4.312826	2.228038	7
1.154701	1.154701	1
1.154701	1.154701	1
4	2.211083	6
2.309401	1.154701	2
2.581989	1.763834	3
5.109174	2.136119	8
4.253087	1.943686	5
4.653433	2.400464	8
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
7.07674	5.397295	26
2.309401	1.154701	2

2.309401	1.154701	2
8.078033	2.856929	16
3.52985	2.359413	5
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
1.154701	1.154701	1
3.306559	2.129163	5
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1

Span C

Table22: Total Cracks

Major Axis Length	Minor Axis Length	Area
2.309401	1.154701	2
3.464102	1.154701	3
4.618802	2.309401	8
5.62036	4.219581	17
6.958362	4.854913	22
5.399179	2.262845	9
2.309401	2.309401	4
3.435909	1.691507	4
3.651484	1.825742	4
10.37458	2.797297	18
7.428999	3.423968	18
8.886394	6.189988	36
1.154701	1.154701	1
8.884485	4.511439	19
12.97484	7.691036	46
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
3.435909	1.691507	4
4.990359	3.397169	12
1.154701	1.154701	1
5.795706	3.604833	14
4.312826	2.228038	7
3.306559	2.129163	5

3.306559	2.129163	5
2.581989	1.763834	3
5.974096	2.115855	8
4.618802	2.309401	8
4.053691	3.024539	9
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
8.007891	2.74192	15
3.464102	3.464102	9
9.005617	3.053156	19
2.309401	2.309401	4
1.154701	1.154701	1
3.879126	2.429972	7
12.43395	3.588361	25
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
7.057076	3.087234	12
4.93373	2.108892	7
4.93373	2.108892	7
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
4.776412	2.160759	7
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
5.87589	2.88772	11
3.879126	2.429972	7
3.05505	2.081666	4
1.154701	1.154701	1
2.309401	1.154701	2
3.435909	1.691507	4
7.182004	4.734372	21
2.309401	2.309401	4
9.880762	4.217488	24
5.120764	2.54345	9
8.246019	3.888898	23
2.581989	1.763834	3

2.309401	2.309401	4
2.581989	1.763834	3
3.763583	2.727798	7
6.992649	6.209005	30
2.581989	1.763834	3
3.05505	2.081666	4
8.542733	3.356877	18
8.856565	6.764106	37
2.309401	1.154701	2
8.299244	2.47398	13
4.820546	1.558527	4
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
5.34205	3.385632	12
3.516307	3.082572	5
4.279143	2.665633	8
2.309401	1.154701	2
3.651484	1.825742	4
3.879126	2.429972	7
8.956993	2.69053	10
2.581989	1.763834	3
20.47097	15.02377	114
10.06226	4.46007	27
1.154701	1.154701	1
2.309401	1.154701	2
6.076432	4.038756	18
4.616428	3.818047	12
7.828552	2.73791	11
35.97283	11.5867	194
3.829708	2.403701	6
23.47592	4.882109	55
4	2.211083	6
29.64886	4.147975	71
3.464102	1.154701	3
2.309401	1.154701	2
3.306559	2.129163	5
3.586706	2.191393	4
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
7.147578	5.374655	23
1.154701	1.154701	1

2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
4.312826	2.228038	7
1.154701	1.154701	1
4.179851	3.11277	9
11.83207	2.855923	22
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	1.154701	3
3.333333	2.581989	6
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
3.236694	3.028212	7
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
4.279143	2.665633	8
2.309401	1.154701	2
1.154701	1.154701	1
4.312826	2.228038	7
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.854129	1.426385	3
5.45139	3.141989	13
4	2.211083	6
2.309401	1.154701	2
11.68225	3.728384	27
6.481219	3.084241	13
19.59823	4.855306	46
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
7.631749	2.110954	11
5.8363	2.686231	11
3.333333	2.581989	6
7.295997	3.65993	20

2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
3.464102	3.464102	9
5.51457	2.649834	9
1.154701	1.154701	1
19.01143	3.88404	41
4.163332	2.411086	5
3.464102	1.154701	3
24.81066	12.5381	117
3.05505	2.081666	4
2.309401	1.154701	2
6.119976	2.052453	8
4.618802	2.309401	8
20.46001	10.46601	96
1.154701	1.154701	1
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4.866132	2.446923	8
3.306559	2.129163	5
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3.05505	2.081666	4
3.05505	2.081666	4
2.309401	2.309401	4
7.619751	2.330774	11
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6.731202	2.026719	8
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2.309401	1.154701	2
3.464102	2.309401	6
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2.309401	1.154701	2
3.306559	2.129163	5
3.651484	2.972092	8
2.309401	1.154701	2
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8.992146	3.436274	16
33.58536	10.47276	139
1.154701	1.154701	1
3.879126	2.429972	7
2.309401	1.154701	2
9.03121	3.641967	20

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3.52985	2.359413	5
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2.581989	1.763834	3
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25.53674	6.162284	72
3.763583	2.727798	7
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2.581989	1.763834	3
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26.40771	17.75944	233
3.464102	1.154701	3
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3.651484	1.825742	4
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2.309401	1.154701	2
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2.309401	1.154701	2
8.511057	7.513867	41
4.653433	2.400464	8
2.581989	1.763834	3
2.309401	2.309401	4
8.678474	3.321257	20
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13.33104	10.3194	62
2.309401	1.154701	2
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24.73715	12.55798	97
3.827022	2.75906	7
6.631145	2.048067	8
4.163332	2	6
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2.581989	1.763834	3

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4	2.211083	6
3.464102	2.309401	6
4.658001	3.171846	11
2.309401	2.309401	4
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4.053691	3.024539	9
7.822293	3.341748	15
3.651484	2.972092	8
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4.944132	2.581989	9
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6.208274	4.202876	19
2.309401	2.309401	4
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9.647603	6.003283	42
27.58817	12.84927	124
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15.48286	10.22132	91
8.187308	3.610067	17
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3.05505	1.154701	2
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7.183523	4.143426	21
1.154701	1.154701	1
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5.341497	2.373832	8
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2.309401	2.309401	4
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2.581989	1.763834	3
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2.309401	1.154701	2

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2.309401	1.154701	2
2.309401	1.154701	2
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2.309401	2.309401	4
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2.309401	2.309401	4
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6.081723	2.188704	9
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3.306559	2.129163	5
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4.881412	3.862657	14

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3.333333	2.581989	6
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3.879126	2.429972	7
3.464102	2.309401	6
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2.780887	2.780887	5
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1.154701	1.154701	1
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3.435909	1.691507	4
4.355771	1.641317	4
2.309401	2.309401	4
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2.309401	1.154701	2
13.26959	3.851419	30
2.309401	2.309401	4
3.05505	2.081666	4
4.163332	1.8037	5
2.780887	2.780887	5
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3.435909	1.691507	4
10.24331	2.751291	19
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5.399179	2.262845	9
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2.581989	1.763834	3
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5.643021	3.156498	11
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2.581989	1.763834	3
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42.21416	14.90631	225
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3.05505	2.081666	4
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17.59875	3.846708	37
2.780887	2.780887	5
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18.35567	3.891033	51
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3.306559	2.129163	5
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2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
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2.309401	1.154701	2
4.163332	2.496256	7
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
10.82747	4.161907	24
1.154701	1.154701	1
2.309401	1.154701	2
4	2.211083	6
6.166846	3.329512	14
2.309401	1.154701	2
2.309401	1.154701	2
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3.435909	1.691507	4
6.180233	3.480779	15
3.435909	1.691507	4
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3.464102	1.154701	3
2.309401	2.309401	4
8.468706	2.883847	15
3.05505	2.081666	4
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2.581989	1.763834	3
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3.05505	2.081666	4
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2.780887	2.780887	5
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17.32709	3.686007	41
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3.464102	1.154701	3
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32.35642	5.826127	96
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7.111668	2.88717	14
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3.879126	2.429972	7
5.801092	2.613843	11
6.552528	3.12942	15
3.236694	3.028212	7
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3.464102	2.309401	6
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13.69577	4.823264	29
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2.309401	1.154701	2
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2.780887	2.780887	5
3.333333	2.581989	6
3.435909	1.691507	4
3.651484	1.825742	4
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1.154701	1.154701	1
2.309401	1.154701	2
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3.333333	2.581989	6
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2.309401	2.309401	4

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1.154701	1.154701	1
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6.074537	2.296267	9
29.49209	7.759971	82
2.309401	1.154701	2
3.333333	2.581989	6
2.581989	1.763834	3
8.800412	3.496809	22
4.758094	4.163332	14
2.309401	1.154701	2
2.581989	1.763834	3
3.879126	2.429972	7
6.81981	3.277972	17
2.309401	1.154701	2
3.306559	2.129163	5
2.309401	1.154701	2
8.230964	3.587402	17
2.309401	1.154701	2
5.177796	3.174794	12
2.309401	1.154701	2
17.43812	7.588456	58
2.309401	2.309401	4

4.651537	2.278845	7
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
13.40016	6.078087	34
2.309401	1.154701	2
3.879126	2.429972	7
15.68267	6.05151	38
4.163332	1.8037	5
1.154701	1.154701	1
2.309401	1.154701	2
5.428896	1.964795	6
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
6.207902	4.102987	17
2.309401	1.154701	2
2.581989	1.763834	3
6.436365	2.16718	9
40.61802	16.68437	295
2.309401	1.154701	2
4.653433	2.400464	8
2.309401	1.154701	2
2.581989	1.763834	3
18.81946	3.372729	38
4.651537	2.278845	7
3.464102	1.154701	3
3.306559	2.129163	5
5.903734	3.015392	10
2.581989	1.763834	3
9.85352	2.694867	16
3.05505	2.081666	4
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
1.154701	1.154701	1
2.780887	2.780887	5
1.154701	1.154701	1
3.306559	2.129163	5

5.8363	2.686231	11
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
4.346853	2.351922	5
5.605675	2.890361	12
6.308505	3.209051	14
3.651484	1.825742	4
3.236694	3.028212	7
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
16.70022	4.270421	42
2.581989	1.763834	3
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
3.925855	3.000722	8
3.464102	1.154701	3
7.973531	3.353297	19
4.163332	1.8037	5
8.018333	2.839348	15
2.309401	1.154701	2
13.59114	3.289876	26
3.265986	2.905933	6
2.309401	2.309401	4
3.306559	2.129163	5
3.306559	2.129163	5
3.306559	2.129163	5
3.333333	2.581989	6
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.763583	2.727798	7
2.309401	2.309401	4
2.309401	1.154701	2
3.333333	2.581989	6
4.591736	2.166504	6
2.309401	1.154701	2

2.309401	2.309401	4
5.989203	3.106969	14
6.346291	2.779315	12
1.154701	1.154701	1
1.154701	1.154701	1
3.40196	2.780887	5
16.95975	3.502539	32
1.154701	1.154701	1
12.17449	2.887685	23
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
5.615939	1.45873	4
1.154701	1.154701	1
2.309401	1.154701	2
4	4	12
8.711135	1.850613	9
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
3.306559	2.129163	5
4.163332	2	6
11.29284	4.635463	19
2.309401	1.154701	2
6.126075	2.882614	13
5.033223	4.163332	16
8.50973	3.459937	20
1.154701	1.154701	1
5.416026	4.502314	16
4.163332	3.354599	10
3.464102	1.154701	3
15.03551	3.767464	32
2.309401	1.154701	2
2.780887	2.780887	5
3.236694	3.028212	7
2.581989	1.763834	3
1.154701	1.154701	1
4	2.211083	6

6.788522	3.03395	15
2.309401	1.154701	2
1.154701	1.154701	1
3.763583	2.727798	7
3.435909	1.691507	4
2.309401	1.154701	2
5.31346	2.689574	10
2.309401	2.309401	4
4.312826	2.228038	7
3.306559	2.129163	5
4.312826	2.228038	7
3.464102	2.309401	6
25.79892	3.797284	56
7.406237	4.297486	23
2.309401	1.154701	2
2.309401	2.309401	4
3.435909	1.691507	4
1.154701	1.154701	1
5.816646	3.781889	14
3.763583	2.727798	7
2.309401	1.154701	2
1.154701	1.154701	1
7.774755	2.493964	13
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
3.306559	2.129163	5
2.780887	2.780887	5
3.306559	2.129163	5
2.581989	1.763834	3
2.309401	2.309401	4
37.09056	12.17399	317
3.925855	3.000722	8
2.581989	1.763834	3
2.309401	1.154701	2
3.879126	2.429972	7
2.309401	1.154701	2
5.316397	2.872948	11
4.389741	3.203285	9
3.306559	2.129163	5
2.581989	1.763834	3
2.581989	1.763834	3

2.309401	1.154701	2
10.34957	3.259968	22
2.309401	1.154701	2
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
3.464102	1.154701	3
1.154701	1.154701	1
3.827022	2.75906	7
1.154701	1.154701	1
1.154701	1.154701	1
3.333333	2.581989	6
14.97257	4.503425	46
10.90235	4.008457	31
2.780887	2.780887	5
2.309401	2.309401	4
2.309401	1.154701	2
3.435909	1.691507	4
4.470371	3.856397	13
2.309401	1.154701	2
2.581989	1.763834	3
5.163978	3.126944	12
2.309401	1.154701	2
2.309401	1.154701	2
4.881412	3.862657	14
2.309401	2.309401	4
2.309401	2.309401	4
2.309401	1.154701	2
2.309401	2.309401	4
9.279726	4.103337	26
8.932739	4.143513	26
1.154701	1.154701	1
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
4.566475	3.564107	12
1.154701	1.154701	1
10.00309	3.801482	27
6.110101	2.081666	8
17.68254	10.40733	73
17.34288	3.447746	37

7.410524	6.914181	33
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
3.265986	2.905933	6
3.52985	2.359413	5
2.309401	1.154701	2
2.309401	2.309401	4
2.309401	1.154701	2
12.43488	4.495799	32
2.309401	1.154701	2
2.581989	1.763834	3
3.52985	2.359413	5
7.43358	4.783028	25
5.675997	3.424592	13
5.786585	3.642937	15
2.309401	2.309401	4
4.085748	3.306559	10
3.306559	2.129163	5
7.205568	2.67815	13
7.211103	3.944053	18
2.309401	1.154701	2
3.464102	2.309401	6
3.464102	1.154701	3
3.05505	2.081666	4
4.053691	3.024539	9
3.464102	1.154701	3
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
7.472263	2.287346	10
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
6.546859	3.749848	17
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
1.154701	1.154701	1
2.581989	1.763834	3

1.154701	1.154701	1
7.151462	1.479838	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
6.218253	1.763834	6
2.309401	1.154701	2
1.154701	1.154701	1

Table 23: Major Cracks

Major Axis Length	Minor Axis Length	Area
2.309401	1.154701	2
3.464102	1.154701	3
4.618802	2.309401	8
5.62036	4.219581	17
6.958362	4.854913	22
5.399179	2.262845	9
2.309401	2.309401	4
3.435909	1.691507	4
3.651484	1.825742	4
10.66777	2.605605	17
9.203229	5.636879	33
1.154701	1.154701	1
8.884485	4.511439	19
4.618802	2.309401	8
3.306559	2.129163	5
3.435909	1.691507	4
4.990359	3.397169	12
5.622065	3.231666	13
4.312826	2.228038	7
3.306559	2.129163	5
3.306559	2.129163	5
2.309401	1.154701	2
3.306559	2.129163	5
4.618802	2.309401	8

2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
8.132657	2.414194	13
3.464102	3.464102	9
2.309401	2.309401	4
3.879126	2.429972	7
12.63787	2.579049	21
1.154701	1.154701	1
4.93373	2.108892	7
4.93373	2.108892	7
2.581989	1.763834	3
2.309401	1.154701	2
2.581989	1.763834	3
3.306559	2.129163	5
2.581989	1.763834	3
6.149255	2.476557	10
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	1.154701	2
3.435909	1.691507	4
2.309401	2.309401	4
4.496908	3.2775	11
5.120764	2.54345	9
2.581989	1.763834	3
2.309401	2.309401	4
2.581989	1.763834	3
3.464102	2.309401	6
6.648898	6.011014	28
4.531372	2.921187	10
2.581989	1.763834	3
2.581989	1.763834	3
8.507531	3.078326	16
9.162441	4.801722	27
8.299244	2.47398	13
2.309401	2.309401	4
2.581989	1.763834	3
2.309401	1.154701	2
5.186141	2.926431	11
3.516307	3.082572	5
4.279143	2.665633	8
1.154701	1.154701	1

3.879126	2.429972	7
9.287797	1.6148	7
2.581989	1.763834	3
20.24655	14.68099	108
9.54825	4.22821	22
1.154701	1.154701	1
4.616428	3.818047	12
7.770776	2.306883	10
33.87051	11.5821	174
3.829708	2.403701	6
23.72405	4.964087	53
29.56706	4.091432	69
3.464102	1.154701	3
2.309401	1.154701	2
3.306559	2.129163	5
1.154701	1.154701	1
2.309401	2.309401	4
7.524206	5.390082	20
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	1.154701	3
3.333333	2.581989	6
1.154701	1.154701	1
1.154701	1.154701	1
9.530334	2.825177	15
3.236694	3.028212	7
2.581989	1.763834	3
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	1.154701	2
3.651484	3.05505	8
2.309401	1.154701	2
4.279143	2.665633	8
2.309401	1.154701	2
1.154701	1.154701	1
4.312826	2.228038	7
2.309401	1.154701	2

2.309401	1.154701	2
1.154701	1.154701	1
3.854129	1.426385	3
5.45139	3.141989	13
2.309401	2.309401	4
2.309401	1.154701	2
12.51355	3.627005	23
6.481219	3.084241	13
11.70866	4.691638	32
1.154701	1.154701	1
1.154701	1.154701	1
2.309401	2.309401	4
4.618802	2.309401	8
5.8363	2.686231	11
3.333333	2.581989	6
7.479527	3.49718	19
2.309401	1.154701	2
4.678064	3.225246	11
3.306559	2.129163	5
2.309401	1.154701	2
3.651484	2.972092	8
4.760952	2.619961	9
4.163332	2.496256	7
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
27.18786	5.685754	65
3.05505	2.081666	4
2.309401	1.154701	2
17.2747	3.865577	36
6.119976	2.052453	8
4.618802	2.309401	8
11.70362	3.69064	30
21.4659	8.853913	80
2.780887	2.780887	5
8.880953	3.026256	19
4.312826	2.228038	7
3.435909	1.691507	4
1.154701	1.154701	1
3.05505	2.081666	4
3.05505	2.081666	4
2.581989	1.763834	3
7.619751	2.330774	11

1.154701	1.154701	1
6.731202	2.026719	8
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	2.309401	6
3.306559	2.129163	5
2.309401	1.154701	2
3.306559	2.129163	5
3.306559	2.129163	5
2.309401	1.154701	2
8.15335	3.400669	16
33.29947	10.4504	134
8.362263	3.278882	13
3.879126	2.429972	7
2.309401	1.154701	2
9.03121	3.641967	20
4.760952	2.619961	9
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
11.22229	2.549229	17
2.581989	1.763834	3
26.67476	6.438917	64
3.763583	2.727798	7
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
26.04694	17.92909	226
3.464102	1.154701	3
7.260899	3.696155	15
2.309401	1.154701	2
8.708735	6.870197	32
4.651537	2.278845	7
2.581989	1.763834	3
2.309401	2.309401	4
8.860227	3.129192	19
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
3.306559	2.129163	5

13.0575	9.745734	58
2.309401	1.154701	2
2.581989	1.763834	3
5.656854	2.981424	12
13.90325	5.123995	36
3.827022	2.75906	7
5.773503	1.814529	7
3.306559	2.129163	5
15.86166	5.2668	38
2.581989	1.763834	3
5.435641	2.348517	9
4	2.211083	6
3.464102	2.309401	6
2.309401	2.309401	4
3.651484	2.972092	8
8.543495	3.310484	18
3.464102	2.309401	6
2.309401	1.154701	2
4.653433	2.400464	8
4.053691	3.024539	9
7.301247	3.184261	13
3.651484	2.972092	8
2.309401	1.154701	2
2.309401	2.309401	4
2.581989	1.763834	3
4.944132	2.581989	9
11.57927	6.409574	43
6.520234	3.853852	17
2.309401	2.309401	4
3.333333	2.581989	6
20.30295	7.263523	70
1.154701	1.154701	1
8.231597	5.746599	35
11.08388	2.583885	15
14.70697	10.23121	82
8.378085	3.627927	16
2.581989	1.763834	3
6.490475	3.256167	15
12.71961	4.595988	28
2.309401	2.309401	4
7.932196	5.820517	34
2.309401	1.154701	2
3.306559	2.129163	5

2.309401	1.154701	2
2.309401	1.154701	2
2.309401	1.154701	2
10.75047	3.463198	17
5.773503	2.309401	10
2.309401	1.154701	2
1.154701	1.154701	1
2.780887	2.780887	5
5.32869	3.939057	15
2.309401	2.309401	4
3.306559	2.129163	5
3.306559	2.129163	5
8.038931	2.649533	15
2.309401	2.309401	4
8.718445	2.776201	17
9.530016	6.76188	28
2.780887	2.780887	5
2.309401	2.309401	4
3.05505	2.081666	4
2.309401	1.154701	2
5.435641	2.348517	9
2.309401	1.154701	2
2.309401	1.154701	2
3.05505	1.154701	2
7.278789	3.711407	19
2.309401	2.309401	4
1.154701	1.154701	1
22.97248	14.80599	183
3.829708	2.403701	6
3.236694	3.028212	7
4.470371	3.856397	13
2.309401	1.154701	2
2.309401	2.309401	4
3.651484	3.05505	8
2.309401	1.154701	2
8.335436	3.462644	21
2.581989	1.763834	3
4.163332	2.496256	7
3.306559	2.129163	5
7.105929	2.365148	11
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5.489384	2.476557	10

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2.309401	1.154701	2
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2.309401	1.154701	2
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2.309401	1.154701	2
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2.309401	2.309401	4
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335.1448	45.1565	7794
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2.309401	1.154701	2
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9.831159	3.164645	20
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3.435909	1.691507	4
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5.208488	4.99122	19

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2.309401	2.309401	4

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2.581989	1.763834	3
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3.05505	1.154701	2
3.879126	2.429972	7
6.552528	3.12942	15
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2.309401	1.154701	2
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3.333333	2.581989	6
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3.879126	2.429972	7
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2.309401	2.309401	4
2.309401	2.309401	4
1.154701	1.154701	1
2.309401	2.309401	4
8.471806	3.93221	23
8.45791	3.725962	23
3.464102	2.309401	6
1.154701	1.154701	1
2.309401	1.154701	2
2.581989	1.763834	3
9.854981	3.414254	24
6.110101	2.081666	8
3.651484	2.972092	8
16.74871	8.847322	65
16.8366	3.469151	36
7.889536	4.204531	22
2.309401	2.309401	4
2.581989	1.763834	3
1.154701	1.154701	1
3.306559	2.129163	5
2.309401	2.309401	4
2.309401	1.154701	2
1.154701	1.154701	1
2.581989	1.763834	3
3.52985	2.359413	5
6.988127	4.307943	21
5.499389	3.208304	13
2.309401	2.309401	4
9.062859	4.16871	23
5.266245	2.780887	10
2.309401	2.309401	4
4.085748	3.306559	10
3.306559	2.129163	5
6.928203	2.309401	12
2.581989	1.763834	3
2.581989	1.763834	3
2.309401	1.154701	2
1.154701	1.154701	1

7.472263	2.287346	10
2.309401	1.154701	2
3.464102	2.309401	6
1.154701	1.154701	1
6.546859	3.749848	17
2.309401	1.154701	2
1.154701	1.154701	1
3.464102	1.154701	3
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
7.151462	1.479838	6
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.464102	1.154701	3
2.309401	1.154701	2
6.218253	1.763834	6
2.309401	1.154701	2
1.154701	1.154701	1

Table 24: Minor Cracks

Major Axis Length	Minor Axis Length	Area
3.306559	2.129163	5
13.25663	6.837842	42
2.309401	1.154701	2
4.053691	3.024539	9
2.309401	1.154701	2
1.154701	1.154701	1
9.005617	3.053156	19
1.154701	1.154701	1
1.154701	1.154701	1
7.057076	3.087234	12
2.309401	1.154701	2
3.05505	2.081666	4
3.651484	1.825742	4
4.760952	2.619961	9
8.246019	3.888898	23

1.154701	1.154701	1
3.306559	2.129163	5
2.309401	1.154701	2
2.309401	1.154701	2
3.651484	1.825742	4
2.309401	1.154701	2
6.076432	4.038756	18
4	2.211083	6
3.586706	2.191393	4
1.154701	1.154701	1
2.309401	1.154701	2
4.179851	3.11277	9
3.52985	2.359413	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.651484	1.825742	4
2.309401	1.154701	2
2.309401	1.154701	2
2.581989	1.763834	3
2.581989	1.763834	3
3.651484	1.825742	4
11.49303	6.021178	44
2.581989	1.763834	3
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
8.052047	3.54358	19
1.154701	1.154701	1
1.154701	1.154701	1
10.24331	2.751291	19
1.154701	1.154701	1
11.77088	5.64338	28
3.306559	2.129163	5
4.888755	2.892531	10
18.35567	3.891033	51
2.309401	1.154701	2
3.464102	1.154701	3
4.618802	2.309401	8
6.928203	2.309401	12

7.111668	2.88717	14
2.309401	2.309401	4
2.309401	2.309401	4
5.499389	3.208304	13
2.309401	1.154701	2
2.309401	1.154701	2
13.69577	4.823264	29
5.893393	3.096997	13
3.306559	2.129163	5
4.464505	2.900668	9
1.154701	1.154701	1
4.253087	1.943686	5
1.154701	1.154701	1
11.56985	6.27625	23
1.154701	1.154701	1
3.854129	1.426385	3
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
1.154701	1.154701	1
9.299722	4.340257	25
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
2.581989	1.763834	3
1.154701	1.154701	1
3.925855	3.000722	8
4.163332	1.8037	5
2.309401	1.154701	2
1.154701	1.154701	1
1.154701	1.154701	1
1.154701	1.154701	1
3.464102	1.154701	3
2.309401	1.154701	2
1.154701	1.154701	1
3.651484	2.309401	4
1.154701	1.154701	1
2.309401	1.154701	2
2.309401	1.154701	2
1.154701	1.154701	1
2.309401	1.154701	2
3.306559	2.129163	5

3.52985	2.359413	5
2.309401	1.154701	2
3.05505	2.081666	4
7.378535	3.399931	17
4.404498	2.855863	9
7.320827	3.203069	16
2.309401	2.309401	4
2.309401	1.154701	2
3.464102	2.309401	6
3.464102	1.154701	3
4.053691	3.024539	9
3.464102	1.154701	3
1.154701	1.154701	1
1.154701	1.154701	1