|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | |
| **Table S1: Field measurements of repetitive fracture sets measured** | | | | | | |
| **Sl.No** | **Strike** | **Dip Amt** | **Dip Dir** | **Location** | | |
|  |  |  |  | **Latitude** | **Longitude** | |
| 1 | 135 | 86 | NE | 14o43'37.2"N | | 77o28'13.9"E |
| 2 | 060 | 60 | N | 14o43'37.2"N | | 77o28'13.9"E |
| 3 | 135 | 45 | NE | 14o43'37.2"N | | 77o28'13.9"E |
| 4 | 236 | 85 | N | 14o47'5.6"N | | 77o21'53"E |
| 5 | 100 | 88 | S | 14o47'5.6"N | | 77o21'53"E |
| 6 | 000 | 80 | W | 14o47'5.6"N | | 77o21'53"E |
| 7 | 150 | 84 | NE | 14o44'26.9"N | | 77o33'19"E |
| 8 | 190 | - | - | 14o44'26.9"N | | 77o33'19"E |
| 9 | 135 | 80 | SW | 14o44'26.9"N | | 77o33'19"E |
| 10 | 350 | 63 | W | 14o44'26.9"N | | 77o33'19"E |
| 11 | 070 | 58 | N | 14o46'6.4"N | | 77o32'10.5"E |
| 12 | 110 | 68 | N | 14o46'6.4"N | | 77o32'10.5"E |
| 13 | 290 | 60 | S | 14o47'47"N | | 77o31'39.2"E |
| 14 | 220 | 80 | NE | 14°53'23.8"N | | 77°35'9.9"E |
| 15 | 075 | 12 | W | 14°53'23.8"N | | 77°35'9.9"E |
| 16 | 330 | 74 | NE | 14°53'23.8"N | | 77°35'9.9"E |
| 17 | 140 | - | - | 14°56'53.8"N | | 77°32'37"E |
| 18 | 060 | - | - | 14°56'53.8"N | | 77°32'37"E |
| 19 | 070 | 73 | N | 14°39'35.7"N | | 77°27'5"E |
| 20 | 000 | 70 | W | 14°39'35.7"N | | 77°27'5"E |
| 21 | 067 | 82 | NW | 14°39'21.4"N | | 77°23'33.6"E |
| 22 | 060 | 90 |  | 14°29'47"N | | 77°52'39"E |
| 23 | 150 | 90 |  | 14°29'47"N | | 77°52'39"E |
| 24 | 140 | - | - | 14°30'21.1"N | | 77°37'48.8"E |
| 25 | 133 | 78 | SW | 14°39'1.1"N | | 77°23'48.9"E |
| 26 | 285 | 75 | S | 14°39'1.1"N | | 77°23'48.9"E |
| 27 | 230 | 55 | NW | 14°39'1.1"N | | 77°23'48.9"E |
| 28 | 190 | 23 | E | 14°39'1.1"N | | 77°23'48.9"E |
| 29 | 195 | 62 | W | 14°39'1.1"N | | 77°23'48.9"E |
| 30 | 200 | 54 | E | 14o47'47.2"N | | 77o21'31.7"E |
| 31 | 245 | 42 | N | 14o47'47.2"N | | 77o21'31.7"E |
| 32 | 070 | 75 | S | 14o47'47.2"N | | 77o21'31.7"E |
| 33 | 290 | 55 | NE | 14o47'47.2"N | | 77o21'31.7"E |
| 34 | 130 | 80 | NE | 14°53'26.7"N | | 77°19'36"E |
| 35 | 045 | 86 | SE | 14°53'26.7"N | | 77°19'36"E |
| 36 | 135 | 84 | NE | 14°53'33.8"N | | 77°22'22.2"E |
| 37 | 050 | 03 | SE | 14°53'33.8"N | | 77°22'22.2"E |
| 38 | 345 | 90 |  | 14°53'33.8"N | | 77°22'22.2"E |
| 39 | 025 | 85 | W | 17° 4'34.8"N | | 77°59'21"E |
| 40 | 345 | 70 | W | 17° 4'34.8"N | | 77°59'21"E |
| 41 | 030 | 70 | SE | 17° 4'34.8"N | | 77°59'21"E |
| 42 | 290 | 86 | N | 17°14'1.1"N | | 79° 2'36.8"E |
| 43 | 170 | 85 | W | 17°14'1.1"N | | 79° 2'36.8"E |
| 44 | 120 | 85 | SW | 17°51'11.2"N | | 79°12'24"E |
| 45 | 285 | 52 | N | 17°51'11.2"N | | 79°12'24"E |
| 46 | 015 | 81 | E | 17°51'11.2"N | | 79°12'24"E |
| 47 | 360 | 76 | E | 17°51'11.2"N | | 79°12'24"E |
| 48 | 230 | 12 | NW | 17°51'26.5"N | | 79°12'42.5"E |