

Appendix B
Data Collected by the Louis G. Kirk (1952) Surveys

Table B1: Types and Characteristics of Rocks Sampled (Kirk, 1952)

| Number | Type of Material | Weight (lbs.) | Location | | Observations |
|--------|------------------|---------------|----------|----------------------|--|
| | | | Quad. | Dist. from rim (mi.) | |
| 1 | Limestone | 3.5 | SW | 1.4 | Oriented with least apparent wind resistance toward trail |
| 2 | Limestone | 4.5 | SW | 0.2 | Two rocks juxtaposed with N face of limestone 1/4" from S face of granitic rock, as if limestone has pushed granitic rock. |
| | Granite | 2 | | 1.3 | |
| 3 | Granite | 1 | SW | 0.2 | Oriented with corner toward track. 22' S was limestone with trail going in opposite direction from this one's. |
| 4 | Limestone | 60 | SW | 1.0 | Oriented with corner toward track. Very rough, irregular shaped rock. |
| 5 | Limestone | 66 | SW | 0.8 | 15-20 fragments surrounding the rock, especially to S. Playa surface disturbed for 7" to N of rock. |
| 6 | Limestone | 603 | SE | 0.2 | As evidenced by etching, the present S face had previously been imbedded in the playa surface to a depth of 3.5". Oriented with corner toward trail. |
| 7 | Limestone | 230 | SE | 0.2 | Oriented with corner toward trail. |
| 8 | Limestone | 320 | SE | 0.1 | Oriented with corner toward trail. |
| * | Granite | 36 | NE | 0.03 | Playa surface disturbed for 2.5" to N of rock. |
| 10 | Granite | 47 | NE | 0.1 | Present position only about 200 feet S of previous position. |
| 11 | Limestone | 142 | NE | 0.9 | 6 or so fragments to S of rock. |

Table B1: Types and Characteristics of Rocks Sampled (Kirk, 1952)

| Number | Type of Material | Weight (lbs.) | Location | | Observations |
|--------|------------------|---------------|----------|----------------------|--|
| | | | Quad. | Dist. from rim (mi.) | |
| 12 | Quartz | 8 | NE | 0.05 | Oriented with corner toward trail. Playa surface pushed up in mound for 2" to N of rock. |

Table B2: Surface Characteristics of Rocks Sampled (Kirk, 1952)

| Number | Side(s) facing trail | | | | Bottom | | | |
|--------|----------------------|-----|--------------|--------------|------------------|----|-------------|---|
| | Dimensions (in.) | | Shape | Nature | Dimensions (in.) | | Shape | Nature |
| | H | W | | | H | W | | |
| 1 | 1.75 | 3 | Rectangular | Vertical | 5 | 4 | Squarish | Flat, irregular |
| | 4 | 8 | Convex curve | Very sloping | | | | |
| 2* | 1.5 | 4 | Triangular | Vertical | 4 | 4 | Squarish | Flat, rough |
| 2* | 3 | 3 | Triangular | Vertical | 2 | 3 | Rectangular | Convex, irregular |
| 3 | 2 | 2.5 | Triangular | Vertical | 2.5 | 2 | Triangular | Flat, smooth |
| | 1.75 | 2.5 | Triangular | Vertical | | | | |
| 4 | 9 | 10 | Triangular | Vertical | 10 | 10 | Irregular | Very rough and jagged, with 4-5" depression in center |
| | 9 | 10 | Rectangular | Vertical | | | | |
| 5 | 6 | 13 | Rectangular | Vertical | 9 | 14 | Rectangular | Rough with 3.5" projection in center |

Table B2: Surface Characteristics of Rocks Sampled (Kirk, 1952)

| Number | Side(s) facing trail | | | | Bottom | | | |
|--------|----------------------|------|-------------|----------------------|------------------|------|-------------|---------------------------------|
| | Dimensions (in.) | | Shape | Nature | Dimensions (in.) | | Shape | Nature |
| | H | W | | | H | W | | |
| 6 | 13 | 27 | Rectangular | Vertical | 24 | 18 | Rectangular | Flat, rough |
| | 12 | 18 | Irregular | Overhanging | | | | |
| 7 | 10 | 11.5 | Irregular | Vertical | 16 | 12.5 | Irregular | Flat, rough |
| | 10 | 12 | Rectangular | Sloping | | | | |
| 8 | 17 | 21 | Triangular | Vertical | 19 | 11.5 | Oval | Flat, rough |
| | 13 | 16 | Triangular | Vertical | | | | |
| 9 | 6 | 7 | Rectangular | Slightly overhanging | 14 | 8.5 | Pentagon | Both convex and concave, smooth |
| | 9 | 13 | Rectangular | Sloping | | | | |
| 10 | 6 | 5 | Squarish | Sloping | 12 | 9 | Irregular | Flat, smooth |
| 11 | 10 | 12 | Irregular | Overhanging | 12 | 11.5 | Squarish | Slightly convex, smooth |
| 12 | 3 | 8 | Irregular | Vertical | 8 | 6.5 | Irregular | Flat, rough |
| | 4 | 6.5 | Rectangular | Vertical | | | | |

*Limestone

**Granite

Table B3: Characteristics of Trails on Racetrack Playa (Kirk, 1952)

| Number | Usual Width (in.) | Usual Depth (in) | Total | Apparent General Course | Observations |
|--------|-------------------|---|---------|-------------------------|---|
| 1 | 8 | Negligible | 34 | N 10° W | Dim as if quite weathered. Irregular sides with width varying from minimum 3" to maximum 8". |
| 2 | 10 | Negligible | 70 | N | Indistinct at inception. Varies in width from minimum of 3" to maximum 20". |
| 3 | 2.5 | 0.25 | 50 | Slight curve, N | Very distinct. Even-sided. |
| 4 | 10 | 0.5 | 60 | N | Ridge in center parallel to sides corresponding in height and position to depression in bottom face of rock. |
| 5 | 12 | Evidenced more by raised mud curls than smoothing or depression | 14 2 | W, 14'--N 20° W, 128' | Indistinct as though very weathered. Width varies from minimum of 11" to maximum of 29". |
| 6 | 48 | Negligible | 60 | N 45° W | 2 very dim, but plainly discernable trails. One evidently made by number 6 and one by number 7 with no way to determine which is which. |
| | 36 | Negligible | 90 | N 35° E | |
| 7 | 15 | 0.5 | 22 0 | Slight curve, N 20° E | Very distinct. Even-sided. |
| 8 | 10.5 | 1 | 86 | S 50° W, 77'--S, 9' | Very distinct. Even-sided. |

Table B3: Characteristics of Trails on Racetrack Playa (Kirk, 1952)

| Number | Usual Width (in.) | Usual Depth (in) | Total | Apparent General Course | Observations |
|--------|-------------------|------------------|-------|--|---|
| 9 | 10 | 1 | 196 | S 76° W, 3.4'--S 25° E, 10.6'--loop, 15.5'--curve, N 75° W, 29.3'--straight with jog, N 10° E, 35.5'--curve with jog, N 80° W, 11.7'--N 25° W, 4'--winding curve, N 50° E, 85.5' | Very distinct. Even-sided. Terminal 85 feet showed evidence of rock having stopped in two places. |
| 10 | 11 | 1 | 786 | S 50° E, 331'--N 80° W, 10.5'--S 20° W, 13.5'--loop, 18'--W, 22'--straight with 2 short right-angle jogs, N 10° W, 36.5'--curve, N 80° W, 354' | Initial 331 feet are more weathered than remainder of trail, probably older. Rock evidently had stopped at end of 331' run, and also stopped twice in 18' loop. |
| 11 | 18 | 0.5 | 61 | N 20° W | Very distinct. Even-sided |
| 12 | 4 | 0.25 | 317 | N 35° E, 25'--gentle winding curve, S 15° E, 100' | Very distinct. Even-sided. |