shades of gray, although brown or olive is used occasionally as a modifier.

Size ranges of fragments.—Fragments range from minute particles below the resolution of the lunar surface photographs to boulders measured in metres. The largest boulders near Cone crater seen in Lunar Orbiter photographs are approximately 15 m across. The largest rock sample (14321) returned by Apollo 14 was 23 cm in diameter and weighed approximately 9 kg.

Fines: Assessment of compaction.—Variations in firmness of the lunar soil have been documented by descriptions and photographs and by soils mechanics measurements (Mitchell and others, 1971). No attempt is made here to be quantitative, but rather to give an indication of relative firmness by interpretation of photographs or by comments from the crew. The softest areas are typically rims and inner walls of fresh small craters.

Slopes.—In most cases slope angles are not given, although they can be determined from photographs and topographic contours. The slopes of the west side of the Cone crater ridge where traversed are generally less than 8°, although the crew traversed local grades up to 12° or 15°. Slopes associated with documented sample areas may help to indicate possible directions of movement of fine-grained material.
Table 3.—Summary of photoelectric rock-type characteristics

<table>
<thead>
<tr>
<th>Code</th>
<th>Location</th>
<th>Surface texture</th>
<th>Erosional resistance</th>
<th>Clasts (color and size)</th>
<th>Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Smoothly undulating</td>
<td>High</td>
<td>Light; from &lt;1 cm to several centimetres</td>
<td>Layer</td>
</tr>
<tr>
<td>L1</td>
<td>Layered rock</td>
<td>Smooth</td>
<td>High</td>
<td>Light and dark; from &lt;1 cm to several centimetres</td>
<td>Well to poorly Layered</td>
</tr>
<tr>
<td>L2</td>
<td>Saddle rock</td>
<td>Knobby, lumpy</td>
<td>High</td>
<td>Light; a few centimetres</td>
<td>Layered</td>
</tr>
<tr>
<td>L3</td>
<td>Saddle rock</td>
<td>Moderately smooth</td>
<td>Moderate</td>
<td>Light; ~1 cm</td>
<td>Underlies a surface that slopes south</td>
</tr>
<tr>
<td>L4</td>
<td>Saddle rock</td>
<td>Moderately rough</td>
<td>Moderate</td>
<td>Dark; ~1 cm</td>
<td>Irregular clasts</td>
</tr>
<tr>
<td>L5</td>
<td>Saddle rock</td>
<td>Finely rough</td>
<td>Moderate</td>
<td>Light; from &lt;1 cm to a few centimetres</td>
<td>Irregular layer</td>
</tr>
<tr>
<td>L6</td>
<td>Contact rock</td>
<td>Granular</td>
<td>Moderate</td>
<td>Light; ~1 cm</td>
<td>Block</td>
</tr>
<tr>
<td>L7</td>
<td>White rock</td>
<td>Too fine to tell</td>
<td>Moderate to high</td>
<td>Light</td>
<td>Clasts</td>
</tr>
<tr>
<td>L8</td>
<td>All rocks</td>
<td>Smooth</td>
<td>High</td>
<td>Unknown</td>
<td>Clasts</td>
</tr>
</tbody>
</table>

Dark Rocks

<table>
<thead>
<tr>
<th>Code</th>
<th>Location</th>
<th>Surface texture</th>
<th>Erosional resistance</th>
<th>Clasts (color and size)</th>
<th>Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Layered rock</td>
<td>Smooth</td>
<td>High</td>
<td>Light and dark; ~1 cm</td>
<td>Clasts</td>
</tr>
<tr>
<td>D2</td>
<td>Contact rock</td>
<td>Finely rough</td>
<td>Moderate</td>
<td>Light and dark (several centimetres)</td>
<td>Layered</td>
</tr>
<tr>
<td>D3</td>
<td>Layered rock</td>
<td>Bumpy</td>
<td>Moderate</td>
<td>Light; from ~1 cm to tens of centimetres</td>
<td>Layered</td>
</tr>
<tr>
<td>D4</td>
<td>Saddle rock</td>
<td>Coarsely hackly</td>
<td>Low</td>
<td>Unknown</td>
<td>Irregular area</td>
</tr>
</tbody>
</table>

SAMPLES

14041–14046 (FRAGMENTS FROM SAME ROCK) (FIGS. 49, 50)

Station: A
Location: 150 m NW of LM and 90 m N of North Triplet crater
Rock type: Fractured fine-grained friable breccia

SAMPLE AREA CHARACTERISTICS

Slopes: Level
Fragment population:
Distribution and size range: Sparse, from limit of resolution to 20 cm
Color: Light gray
Shapes: Knobby, irregular
Fillets: Poorly developed
Apparent burial: 1/4–1/4
Dust cover: Moderately high
Fines:
Color: Light medium gray
Compaction: Firm
Craters:
Distribution and size range: Abundant 10- to 30-cm craters. Sample from south rim of a 6- to 8-cm subdued crater
Shape: Moderately sharp to subdued
Ejecta: Small 20-cm fresh crater west of sample has cloudy ejecta

SAMPLE CHARACTERISTICS

Sample 14041
Size: Originally about 10×8×6 cm; 346+g
Color: Light olive gray
Shape: Originally elongate, blocky
Fillet: None
Apparent burial: 1/4
Dust cover: Moderately high
Comparison with other rocks in area: Appears similar to other large fragments in sample area
Probable origin: Soil breccia formed from a nearby impact

14047 (FIGS. 51, 52)

Station: B
Location: 350 m NE of LM and 65 m NNW of rim of Weird crater
Rock type: Fine-grained clastic breccia

SAMPLE AREA CHARACTERISTICS

Slopes: Locally slopes to the north but generally flat. In immediate sample vicinity slopes slightly steeper to north into floor of 40-cm crater
Fragment population:
Distribution and size range: Sparse from limit of resolution up to 10 cm
Color: Light brownish gray
Shapes: Blocky, hackly with subangular edges; subrounded on exposed top surfaces
Fillets: Moderately developed
Apparent burial: 1/4–1/4
Dust cover: Moderate to heavy
Fines:
Color: Light medium gray
Compaction: Moderately firm to soft
Craters:
Distribution and size range: Abundant 3- to 50-cm craters
Shape: Subdued except for 50-cm crater with raised rim in upper center of documentary photographs AS14–64–9073 and 9074
Ejecta: Mostly fines with a few fragments; two 10-cm fragments (including 14047) on rim crest of 40-cm crater

SAMPLE CHARACTERISTICS

Sample 14047
Size: 5×5.5×10 cm; 242 g
Color: Brownish gray
Shape: Blocky with hackly surface, subangular corners; fractured; subrounded on top exposed surfaces
Fillet: Moderately developed
Apparent burial: 1/4
Dust cover: Moderate to heavy
Comparison with other rocks in area: Appears similar to two other large fragments in the panorama photographs taken at station B
**Sample Documentation and Environments**

**Sample 14051**

**Comments:** Glass spatter covers buried edge of 14047. Rock very friable

**Station:** C

**Location:** 1.29 km ENE of LM and approximately 95 m SE of rim of Cone crater

**Rock type:** Fine-grained, polymict breccia

**SAMPLE AREA CHARACTERISTICS**

**Slopes:** Gentle southward slope

**Fragment population:**
- **Distribution and size range:** Abundant from limit of resolution to 1.5-m blocks
- **Color:** Medium gray to very light gray (almost white); brownish gray
- **Shapes:** Irregular; subrounded to rounded on exposed surfaces
- **Fillets:** Moderately to well developed
- **Apparent burial:** ½–5%
- **Dust cover:** Moderate to high

**Fines:**
- **Color:** Brownish gray
- **Compaction:** Firm

**Craters:**
- **Distribution and size range:** Abundant 5- to 70-cm craters in and near sample area
- **Shape:** Moderately subrounded to subrounded
- **Ejecta:** Blocky ejecta around several of the 50- to 70-cm craters

**SAMPLE CHARACTERISTICS**

**Sample 14051**

**Size:** 3.3×3.5×6 cm; 191.51 g

**Color:** Pale brown

**Shape:** Blocky, subangular to subrounded

**Fillet:** None

**Apparent burial:** ¼

**Dust cover:** Moderate

**Comparison with other rocks in area:** Appears similar; slightly less buried than most of the fragments in the area

**Probable origin:** Ejected from Cone crater

14051 (Figs. 55, 54)

**Station:** C2

**Location:** 1.21 km ENE of LM and approximately 130 m south of rim of Cone crater

**Rock type:** Crystalline plagioclase-rich basalt. (Assumed to be a clast from breccia boulder)

**SAMPLE AREA CHARACTERISTICS**

**Slopes:** 10°–15° south away from rim of Cone crater

**Fragment population:**
- **Distribution and size range:** Moderately abundant, from limit of resolution to 2.5 m
- **Color:** Medium gray to light gray
- **Shapes:** Larger boulders rounded; smaller fragments angular to rounded. (Some may be clasts from coarser breccia)
- **Fillets:** Well developed on large boulder; absent on smaller angular fragments
- **Apparent burial:** ¼–5%
- **Dust cover:** Heavy

**Fines:**
- **Color:** Medium gray

**Compaction:** Firm

**Craters:**
- **Distribution and size range:** Abundant small irregularities <10 cm. Very few distinct 15- to 30-cm craters
- **Shape:** Irregular, subdued
- **Ejecta:** Within the continuous ejecta blanket of Cone crater

**SAMPLE CHARACTERISTICS**

**Sample 14053**

**Size:** 8×8×3 cm; 251.3 g

**Color:** Salt and pepper gray

**Shape:** Slabby, rectangular with rounded corners; one side freshly broken, unweathered; the exposed surface displays rounding and micrometeorite pits

**Fillet:** Well developed on host boulder. Sample itself dusty, may have been partly covered by fillet material

**Apparent burial:** ½–⅓

**Dust cover:** Moderately heavy

**Comparison with other rocks in area:** Sample not identified, but presumably is a clast from the large breccia boulder and is not the only one of its kind, although crystalline rocks are relatively rare in the Apollo 14 samples

**Probable origin:** Ejected from Cone crater

14068–72 (Figs. 57, 58)

**Station:** C

**Location:** 1.28 km ENE of LM and 100 m SE of Cone crater rim

**Rock type:** Crystalline rocks; diabasic to feldspar-rich (with pyroxene, olivine, plagioclase)

**SAMPLE AREA CHARACTERISTICS**

**Slopes:** Locally flat; generally slight slope to south

**Fragment population:**
- **Distribution and size range:** Abundant from limit of resolution to 75 cm. Mostly derived from Cone crater
- **Color:** Light to medium gray
- **Shapes:** Angular to subrounded
- **Fillets:** Poorly to moderately well developed
- **Apparent burial:** Less than ½–⅓
- **Dust cover:** Area too disturbed to differentiate original dust cover from man-made

**Fines:**
- **Color:** Light gray to light brownish gray
- **Compaction:** Moderate

**Craters:**
- **Distribution and size range:** Entire area of photo documentation too disturbed to see any intact craters
- **Ejecta:** Materials ejected from 30-m crater just south of station C', which were originally ejected from Cone crater

**SAMPLE CHARACTERISTICS**

**Sample 14068**

**Size:** 4.2×3.2×2.7 cm; 35.47 g

**Color:** Medium dark gray

**Shape:** Blocky, angular, irregular

**Fillet:** Area too disturbed to discern

**Apparent burial:** Area too disturbed to discern

**Dust cover:** Area too disturbed to discern

**Comparison with other rocks in area:** Appears similar

**Probable origin:** Cone crater ejecta rejected from 90-m crater

**Sample 14069**

**Size:** 4×3×2.5 cm; 24.87 g

**Color:** Medium light gray
Sample 14070
Size: 4.2 x 3 x 2 cm; 36.46 g
Color: Medium light gray
Shape: Blocky, subangular
Fillet: Area too disturbed to discern
Apparent burial: Area too disturbed to discern
Dust cover: Area too disturbed to discern
Comparison with other rocks in area: Appears similar
Probable origin: Cone crater ejecta rejected from 30-m crater

Sample 14071
Size: 2 x 0.8 x 0.5 cm; 2.16 g
Color: Light gray?
Shape: Slabby, angular
Fillet: Area too disturbed to discern
Apparent burial: Area too disturbed to discern
Dust cover: Area too disturbed to discern
Comparison with other rocks in area: Appears similar
Probable origin: Cone crater ejecta rejected from 30-m crater

Sample 14072
Size: 4.1 x 3.4 x 2.1; 45.06 g
Color: Medium light gray
Shape: Blocky, subrounded
Fillet: Area too disturbed to discern
Apparent burial: Area too disturbed to discern
Dust cover: Area too disturbed to discern
Comparison with other rocks in area: Appears similar
Probable origin: Cone crater ejecta rejected from 30-m crater

14082, 14083 (SAME ROCK, BROKEN)
(Figs. 50, 60)

Station: C1 (White Rocks area)
Location: 1.24 km ENE of LM and 17 m SE of Cone crater rim
Rock type: Felsic breccia

Sample Area Characteristics
Slopes: Gentle slope to the south
Fragment population: Derived from Cone crater
Distribution and size range: Abundant from limit of resolution to 3 m
Color: Very light gray, almost white, to medium gray
Shapes: Irregular with subrounded to rounded edges, parallel fracture sets; knobby
Fillets: Generally well developed; a few poorly to moderately developed
Dust cover: Moderately heavy
Fines:
Color: Nearly white to brownish gray
Compaction: Moderately loose
Craters: None discernible
Ejecta: Essentially all of the materials are ejecta from Cone crater

Sample Characteristics
Samples 14082 and 14083
Size: Sample 14082: 6 x 3.6 x 2 cm; 61.16 g
Sample 14083: 3.2 x 1.5 x 2.2 cm; 13.37 g
Color: Very light gray
Shape: Blocky, subangular
Fillet: Moderately well developed on boulder from which samples were taken
Figure 45.—Geologic map of the White rocks area. (Compiled from NASA photographs AS14–68–9448, 9449.) (Swann and others, 1971.) See table 3 for explanation of letter symbols. Explanation on opposite page.
EXPLANATION

ROCK MATERIALS

Dark-toned rocks and clasts (D1-D4)
See table 3 for description

Light-toned rocks and clasts (L1-L8)
See table 3 for description

Fine-grained material

 Loose fragments

STRUCTURAL SURFACES

Contact between rock types

Bedding

Fracture sets

Fracture
Commonly curved; apparently randomly oriented. Dotted where inferred

Last four digits of NASA photograph number
Base of arrow shows camera position; arrow shows direction camera was pointed

Apparent burial: Boulder from which samples were taken buried approximately ½
Dust cover: Slight
Comparison with other rocks in area: Appear representative of boulder from which they were taken. May be similar to white portions of other boulders
Probable origin: Cone crater ejecta from the Fra Mauro formation
Comments: Fines generally have lower albedo than the rocks in the sample area

14301, 14313 (FIGS. 61, 62, 63)

Station: G1
Location: 150 m east of LM on north rim crest of North Triplet Crater
Rock type: Coherent clastic breccia

SAMPLE AREA CHARACTERISTICS

Slopes: Level
Fragment population:
Distribution and size range: Moderately abundant from limit of resolution to 15 cm
Color: Medium gray

Sample 14301
Size: 12.5×12×8 cm; 1360.6 g

FIGURE 46.—White rock in the White rocks group. Sample 14082 was
taken from just below the near end of hammer handle. Large dark
clasts (C) in center of near end of White rock. Compare with figures
59 and 60. (NASA photograph AS14-68-9453.)

Shapes: Tabular; angular to rounded on exposed surfaces
Fillets: Moderately to well developed
Apparent burial: ½–¾
Dust cover: Heavy
Fines:
Color: Medium gray
Compaction: Moderately firm
Craters:
Distribution and size range: Abundant from 5–70 cm
Shape: Subdued
Ejecta: Many of the fragments are probably associated with the
small craters that have rejected material from North Triplet crater

SAMPLE CHARACTERISTICS

Sample 14301
Size: 12.5×12×8 cm; 1360.6 g
Figure 47.—Layering in uppermost parts of the ejecta sequence at Meteor Crater, Arizona. Photograph courtesy of J. F. McCauley.

Color: Medium to light gray
Shape: Subangular to subrounded; blocky equant; subrounded on exposed surfaces
Fillets: Moderately well developed
Apparent burial: ¾
Dust cover: Heavy
Comparison with other rocks in area: Similar
Probable origin: North Triplet crater
Comments: Excepting samples dug from trenches, 14301 is probably the most deeply buried rock sampled on this or previous missions

Sample 14313
Size: 6×6×4 cm; 144 g
Color: Medium light gray
Shape: Blocky; angular to subrounded; relatively flat on exposed top
Fillets: Poorly developed
Apparent burial: ½
Dust cover: Moderate to heavy
Comparison with other rocks in area: Appears similar to most surrounding fragments
Probable origin: North Triplet crater

Sample 14304 (Figs. 64, 65)

Station: No station number; EVA 1
Location: 80 m NW of LM on SW rim of 10-m crater
Rock type: Moderately coherent clastic breccia

Sample area characteristics

Slopes: Slight slope to south
Fragment population:
Distribution and size range: Sparse from limit of resolution to 20 cm
Color: Light gray
Shapes: Irregular, knobby, subrounded on exposed surfaces

Figure 48.—Split rock at station C’ just beyond gnomon. The near horizon is the south rim of Cone crater. Note White rocks group near rim. (NASA photograph AS14-68-9445.)

Fillets: Poorly developed
Apparent burial: ¾–¾
Dust cover: Moderate

Fines:
Color: Medium gray
Compaction: Moderate; upper 2 cm powdery
Craters:
Distribution and size range: Abundant from a few centimetres to 50 cm
Shape: Subdued
Ejecta: Larger fragments (including 14304) appear to be associated with 30- to 50-cm craters
According to Cdr. Shepard’s comments, samples 14304 and 14305 were picked up near the southwest rim of a sharp 10-m crater which had been described earlier from the LM by Astronaut Mitchell. The 10-m crater is not shown in the sample documentation photographs and it is not clear that these rocks are part of the ejecta from that crater

Sample characteristics

Sample 14304
Size: 20×11×10 cm; 3498.9 g
Color: Medium grayish brown
Shape: Blocky, subrounded
Fillets: Poorly developed
Apparent burial: ¾–¾
### Table 4.—Sample locations and page references by sequential LRL number

<table>
<thead>
<tr>
<th>LRL Sample No.</th>
<th>Traverse station</th>
<th>Page reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1405 to 1410</td>
<td>Contingency sample</td>
<td>59</td>
</tr>
<tr>
<td>14011 to 14030</td>
<td>A</td>
<td>42, 55</td>
</tr>
<tr>
<td>14027 and 14041</td>
<td>B</td>
<td>4, 45</td>
</tr>
<tr>
<td>14049 and 14050</td>
<td>Bg</td>
<td>54</td>
</tr>
<tr>
<td>14152 and 14052</td>
<td>E</td>
<td>4, 63, 54</td>
</tr>
<tr>
<td>14053 and 14054</td>
<td>C2</td>
<td>4, 29, 30, 43, 55</td>
</tr>
<tr>
<td>14055 to 14062</td>
<td>F</td>
<td>4, 56</td>
</tr>
<tr>
<td>14062 to 14065</td>
<td>CI</td>
<td>5, 56</td>
</tr>
<tr>
<td>14086 and 14067</td>
<td>F</td>
<td>4, 55</td>
</tr>
<tr>
<td>14068 to 14073</td>
<td>C</td>
<td>29, 30, 43, 45, 54</td>
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<tr>
<td>14073 to 14078</td>
<td>G</td>
<td>4, 35</td>
</tr>
<tr>
<td>14089 and 14098</td>
<td>G</td>
<td>54</td>
</tr>
<tr>
<td>14092 to 14094</td>
<td>CI</td>
<td>5, 56</td>
</tr>
<tr>
<td>14100 to 14103</td>
<td>G</td>
<td>54</td>
</tr>
<tr>
<td>14142</td>
<td>C</td>
<td>54</td>
</tr>
<tr>
<td>14145 to 14148</td>
<td>G</td>
<td>54</td>
</tr>
<tr>
<td>14149 to 14152</td>
<td>G</td>
<td>54</td>
</tr>
<tr>
<td>14200 to 14156</td>
<td>G</td>
<td>54</td>
</tr>
<tr>
<td>14165 to 14189</td>
<td>Comprehensive sample collected on EVA-1</td>
<td>50</td>
</tr>
<tr>
<td>14180 to 14204</td>
<td>Not known, residue from weigh bag 1099, EVA-2</td>
<td>61</td>
</tr>
<tr>
<td>14180 to 14211</td>
<td>A</td>
<td>52</td>
</tr>
<tr>
<td>14190</td>
<td>G</td>
<td>57</td>
</tr>
<tr>
<td>14280</td>
<td>G</td>
<td>59</td>
</tr>
<tr>
<td>14290 to 14299</td>
<td>G</td>
<td>59</td>
</tr>
<tr>
<td>14290 to 14297</td>
<td>Probabilistically, residue from weigh bag 1099, EVA-2</td>
<td>50</td>
</tr>
<tr>
<td>14381</td>
<td>G</td>
<td>4, 47, 48, 49</td>
</tr>
<tr>
<td>14382</td>
<td>Includes with 14395, EVA-1</td>
<td>44</td>
</tr>
<tr>
<td>14383</td>
<td>Comprehensive sample</td>
<td>4, 50, 51</td>
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<td>14384</td>
<td>EVA-1</td>
<td>4, 48, 49, 51</td>
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<td>14385</td>
<td>EVA-2</td>
<td>4, 50, 51, 49, 51</td>
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<td>14396</td>
<td>G</td>
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<tr>
<td>14397</td>
<td>G</td>
<td>4, 59</td>
</tr>
<tr>
<td>14398</td>
<td>Dj, included with 14311</td>
<td>4, 61</td>
</tr>
<tr>
<td>14399</td>
<td>Not known, probably broken from EVA-2 grab sample</td>
<td>4, 58</td>
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<td>14410</td>
<td>G</td>
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<td>H</td>
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<td>G</td>
<td>4, 30, 47, 48, 59</td>
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<tr>
<td>14314</td>
<td>H</td>
<td>60, 65, 67</td>
</tr>
<tr>
<td>14315</td>
<td>H</td>
<td>4, 60, 75, 76</td>
</tr>
<tr>
<td>14316</td>
<td>H</td>
<td>60</td>
</tr>
<tr>
<td>14317</td>
<td>H</td>
<td>60</td>
</tr>
<tr>
<td>14318</td>
<td>H</td>
<td>4, 20, 60, 70, 76</td>
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<td>14319</td>
<td>H</td>
<td>4, 32, 60, 61, 65</td>
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<tr>
<td>14320</td>
<td>H</td>
<td>60, 65, 67</td>
</tr>
<tr>
<td>14331</td>
<td>C1</td>
<td>54, 55, 79</td>
</tr>
<tr>
<td>14411</td>
<td>A, core bit</td>
<td>53</td>
</tr>
<tr>
<td>14414</td>
<td>G, core bit</td>
<td>56, 57</td>
</tr>
<tr>
<td>14421</td>
<td>Comprehensive sample</td>
<td>50</td>
</tr>
<tr>
<td>14422 to 14433</td>
<td>Bulk sample</td>
<td>52</td>
</tr>
</tbody>
</table>

### Fines:
- **Color:** Medium gray
- **Compaction:** Medium

### Craters:
- **Distribution and size range:** Abundant moderately fresh craters from 10 to 50 cm
- **Shape:** Sharp to subdued
- **Ejecta:** Fresh 20-cm crater rimmed with cold
- See comment relating to sample 14304

### SAMPLE CHARACTERISTICS

#### Sample 14305 (14302)
- **Size:** 14×15×10 cm; 2497.5 g
- **Color:** Medium gray
- **Shape:** Subrounded to angular; blocky; pyramidal
- **Fillet:** None
- **Apparent burial:** ¾
- **Dust cover:** Moderate

Comparison with other rocks in area: Largest fragment in photograph and texture similar to smaller fragments

**Probable origin:** Lack of fillet and freshness of secondary crater suggests it has been in its present position for very short time.

Direction of sliding after making second fragment (fig. 33) suggests its source was from the southwest.

14306 (Figs. 68, 69)

### Station
- **Location:** 230 m ESE of LM and 50 m E of North Triplet rim crest
- **Rock type:** Coherent clastic breccia

### Rock type:
- **Coherent clastic breccia**

### SAMPLE AREA CHARACTERISTICS

#### Slopes:
- **Level regolith surface**

### Fragment population:
- **Distribution and size range:** Sparsely populated from limit of resolution to 60 cm
- **Color:** Medium light gray
- **Shapes:** Irregular to sub-tabular
- **Fillets:** Moderately well developed
- **Apparent burial:** ¾
- **Dust cover:** Moderate on smaller fragments; heavier on 60-cm boulder

### Fines:
- **Color:** Medium light gray
- **Compaction:** Moderate to high

Comparison with other rocks in area: Appears somewhat more tabular and less irregular than 60-cm boulder but similar in color and albedo. Planar structures and flat near face similar to boulder

### SAMPLE CHARACTERISTICS

#### Sample 14306
- **Size:** 5×7.5×6 cm; 584.5 g
- **Color:** Light gray with white clasts
- **Shape:** Blocky, subangular
- **Fillet:** None
- **Apparent burial:** ¾
- **Dust cover:** Low to moderate

Comparison with other rocks in area: Appears somewhat more tabular and less irregular than 60-cm boulder but similar in color and albedo. Planar structures and flat near face similar to boulder

### Station
- **Location:** 230 m ESE of LM and 50 m E of North Triplet rim crest
- **Rock type:** Coherent clastic breccia

### SAMPLE AREA CHARACTERISTICS

#### Slopes:
- **Level regolith surface**

### Fragment population:
- **Distribution and size range:** Sparsely populated from limit of resolution to 60 cm
- **Color:** Medium light gray
- **Shapes:** Irregular to sub-tabular
- **Fillets:** Moderately well developed
- **Apparent burial:** ¾
- **Dust cover:** Moderate on smaller fragments; heavier on 60-cm boulder

### Fines:
- **Color:** Medium light gray
- **Compaction:** Moderate to high

Comparison with other rocks in area: Appears somewhat more tabular and less irregular than 60-cm boulder but similar in color and albedo. Planar structures and flat near face similar to boulder
### Table 5.—Cross-reference of lunar samples with locations, lunar-surface photographs, status of determining sample location and orientation, megascopic sample description, and comments by the astronaut crew during sample collection

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<th>Sample Number</th>
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<th>Lunar-surface Photographs</th>
<th>Location Status</th>
<th>Orientation</th>
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<th>Crew comments</th>
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<td>LMP: Houston. While Al’s getting that television. I’ll go ahead and get my contingency sample out of the way. The contingency sample is being taken about 25 feet to the 0:00 position of the LM, adjacent to about a 5-foot crater. I’ll identify it for you later.</td>
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#### EVA 1—Station: LM Area Toward ALSEP Site:

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<td>LMP: We couldn’t get them all in the SBC. We got the contingency sample here. And it is so happens that the material of crackled on the contingency sample bag, and it’s leaking. So we’re putting it in the weigh bag [No. 1059] with these other rocks. These rocks from the comprehensive sample area. And the weight of that total combination is 5 pounds.</td>
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