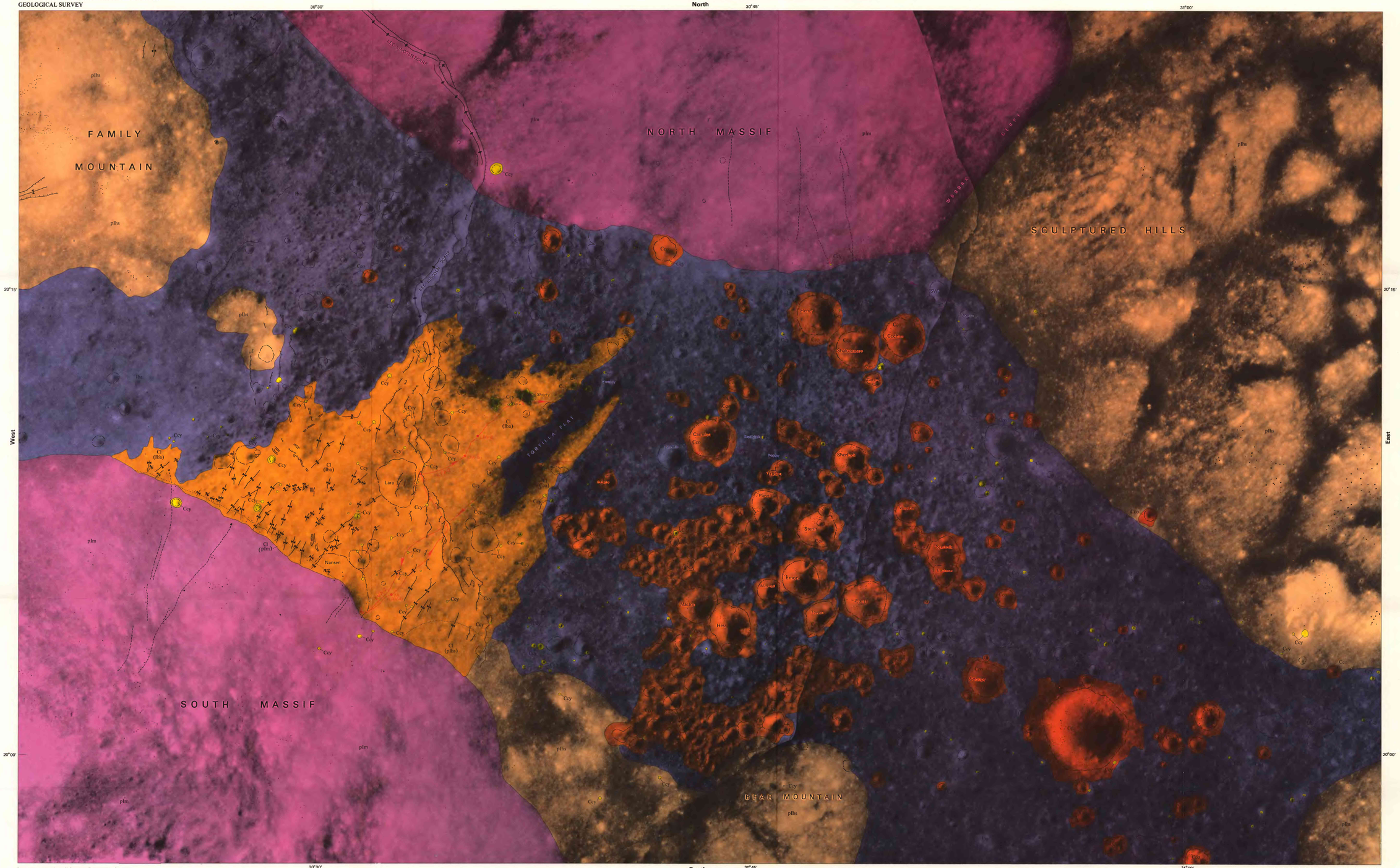
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared on behalf of the
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

PROFESSIONAL PAPER 1080
PLATE 2



CORRELATION OF MAP UNITS

Ccy	COPERNICAN SYSTEM
Cco, Ci	COPERNICAN SYSTEM
Iba	IMBRIAN SYSTEM
plhs	PRE-IMBRIAN
plm	PRE-IMBRIAN

DESCRIPTION OF MAP UNITS

Ccy MATERIAL OF SHARP-RIMMED CRATERS–*Interpretation:* Small impact craters younger than unit Cco. Latest Copernican age

Cco MATERIAL OF CRATERS AND CRATER CLUSTERS–In parentheses where buried. *Interpretation:* Mostly secondary craters from Tycho. Late Copernican age

Ci MATERIAL OF LIGHT MANTLE–*Interpretation:* Regolith dislodged from South Massif. Coincides in age with the emplacement of secondary craters from Tycho

Iba MARE BASALT AND ASH–In parentheses where buried. *Interpretation:* Basalt overlain by volcanic ash. Both reworked in regolith. Basalt, commonly known within landing area as subfloor basalt, is equivalent to unit Ib_2 of plate 1

plhs MATERIAL OF SCULPTURED HILLS–In parentheses where buried. *Interpretation:* Ejecta of southern Serenitatis basin. Older than the Imbrium basin

plm MASSIF MATERIAL–In parentheses where buried. *Interpretation:* Ejecta of southern Serenitatis basin. Different facies from plhs

Contact–Dotted where buried

Crater rim crest

Boulders larger than about 2 m–*Interpretation:* Blocks in ejecta and on highlands slopes

Boulder track

Furrow axis–*Interpretation:* Trough; many in the light mantle may be primary depositional features

Ridge axis

Scarp–Line at base of scarp, hachures on surface below scarp *Interpretation:* Fault, hachures on downthrown side. Age younger than emplacement of mare basalt; locally may be younger than emplacement of light mantle

Lunar Rover traverse path–Arrow shows direction of travel

LM Lunar Module

2 Traverse station

LRV-10 Lunar Rover sample stop

EVA Extra Vehicular Activity

SCALE 1:25,000

1 0 1 2 3 4 KILOMETERS

Base map prepared by U.S. Army Topographic Command under the direction of Department of Defense for National Aeronautics and Space Administration, 1972. Informal names provided by crew members of Apollo 17.

*Interior—Geological Survey, Reston, Va.—1981—G78230

Principal sources of geologic information: Apollo 15 panoramic-camera photographs 9552, 9554, 9557, 9559; Apollo 17 panoramic-camera photographs 2307, 2309, 2312, 2314, 2750, 2752, 2755, 2757.

Geology mapped, using analytical stereoplotter, by E. W. Wolfe, V. L. Freeman, B. K. Lucchitta, and A. G. Sanchez, 1972-77.

DETAILED GEOLOGIC MAP OF APOLLO 17 LANDING SITE