MARS CARTOGRAPHY

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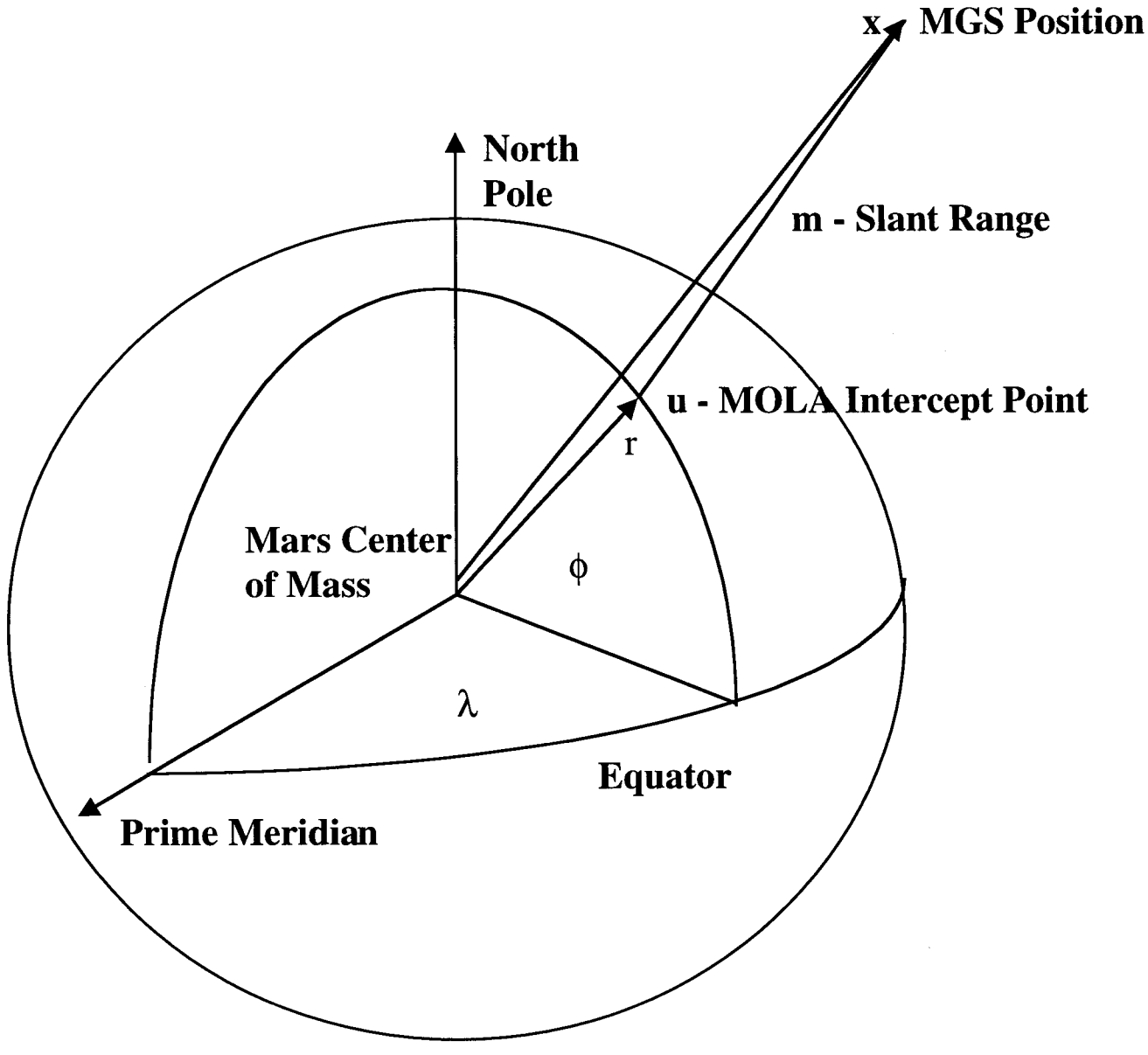

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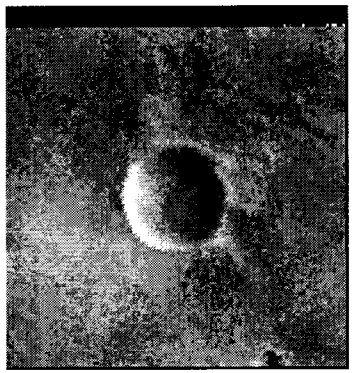
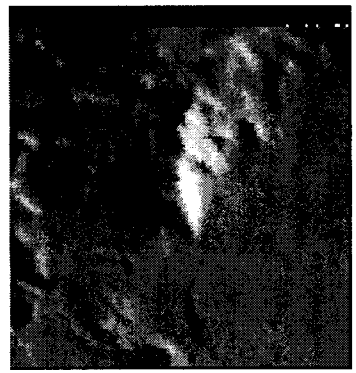
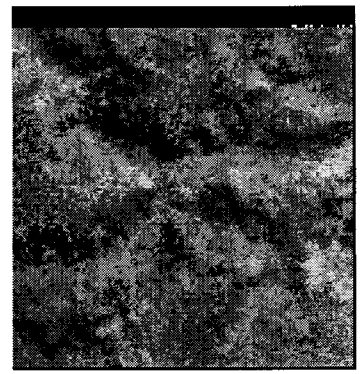
OLD METHOD OF CONTROL NETWORL:

CP ID, LATITUDE, LONGITUDE (MAYBE RADIUS)

PROPOSED CONTROL POINT INTERCHANGE STANDARDS:

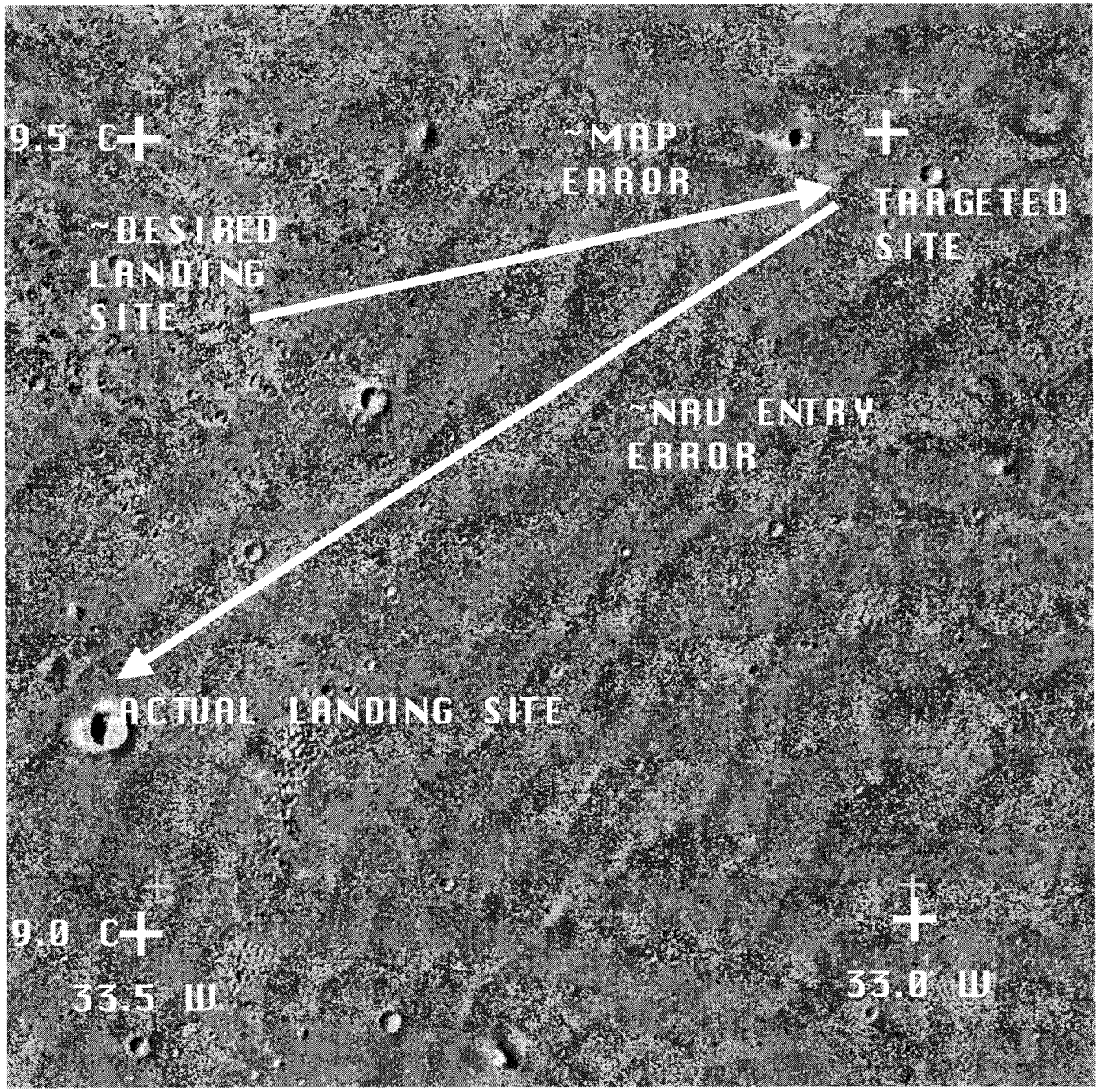
CP ID, LATITUDE, LONGITUDE, RADIUS, DIAMETER, ELEVATION, LOCATION ACCURACY PLUS IMAGE



Mars Cartography

- Mars map errors up to 20 km
  - Concern for registering MOLA ground tracks on existing Mars maps
- MOLA can play important role in determining precision locations of VL-1, VL-2 and Pathfinder



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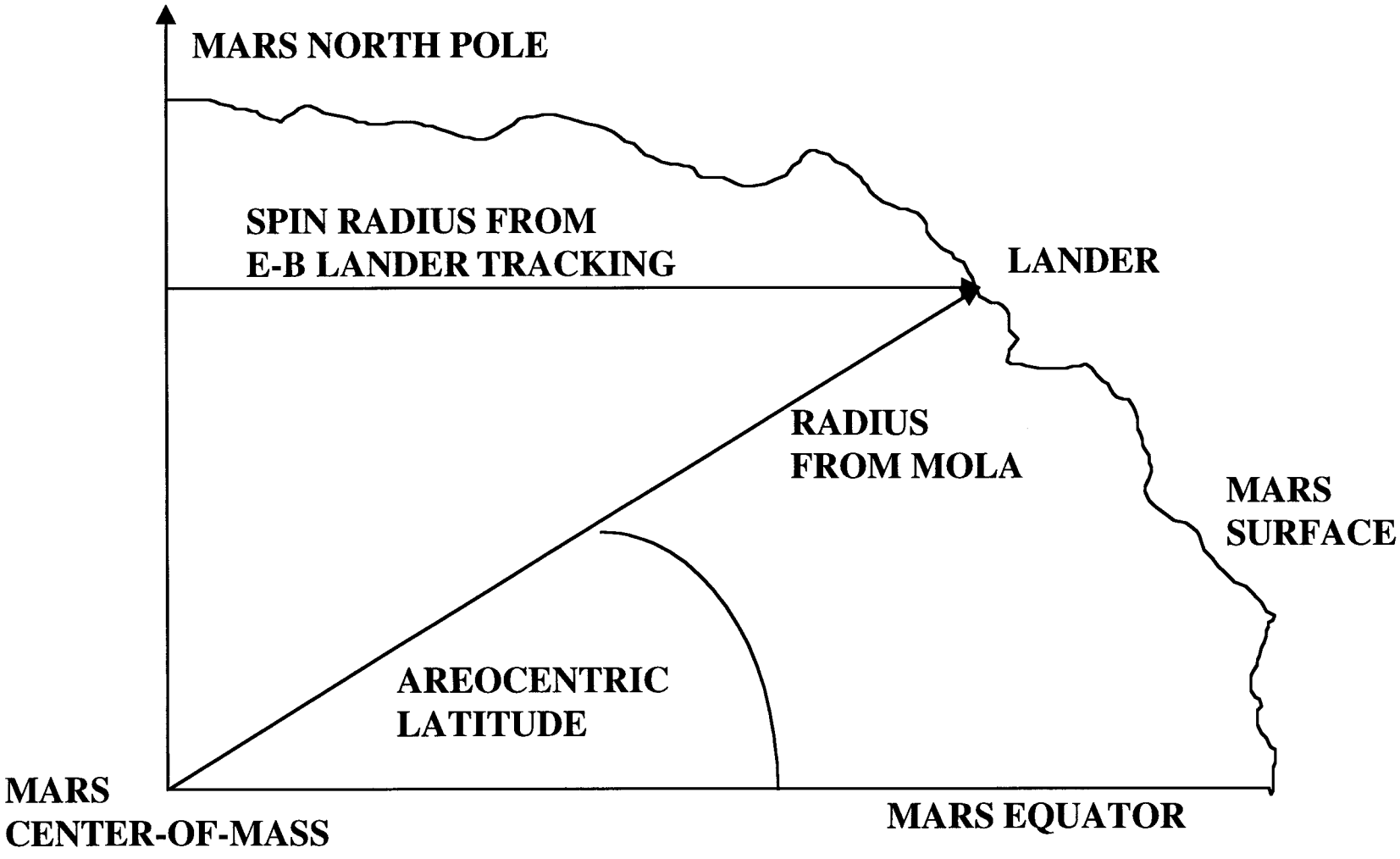
GENERATION OF PRECISION GEODETIC POINTS



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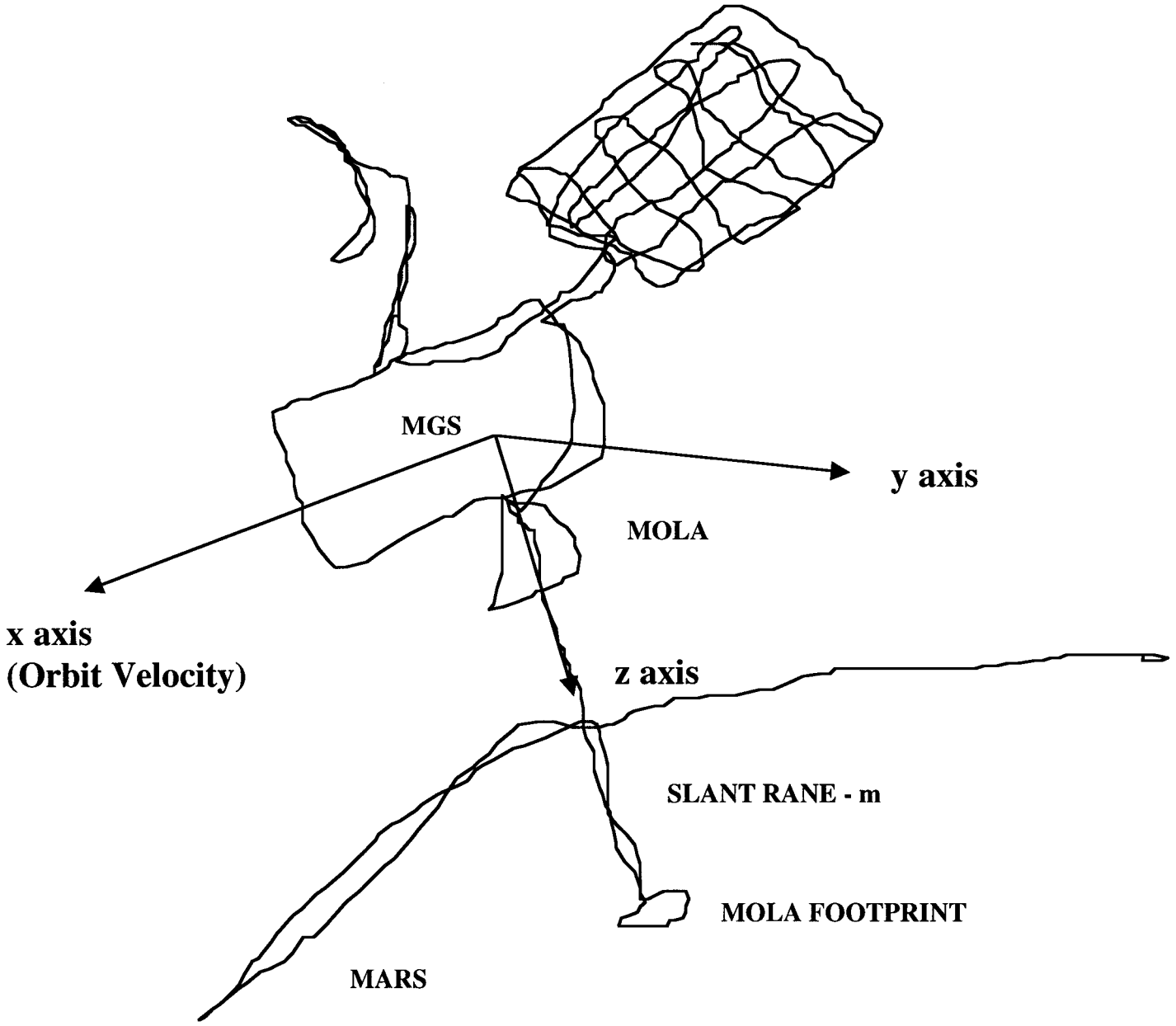

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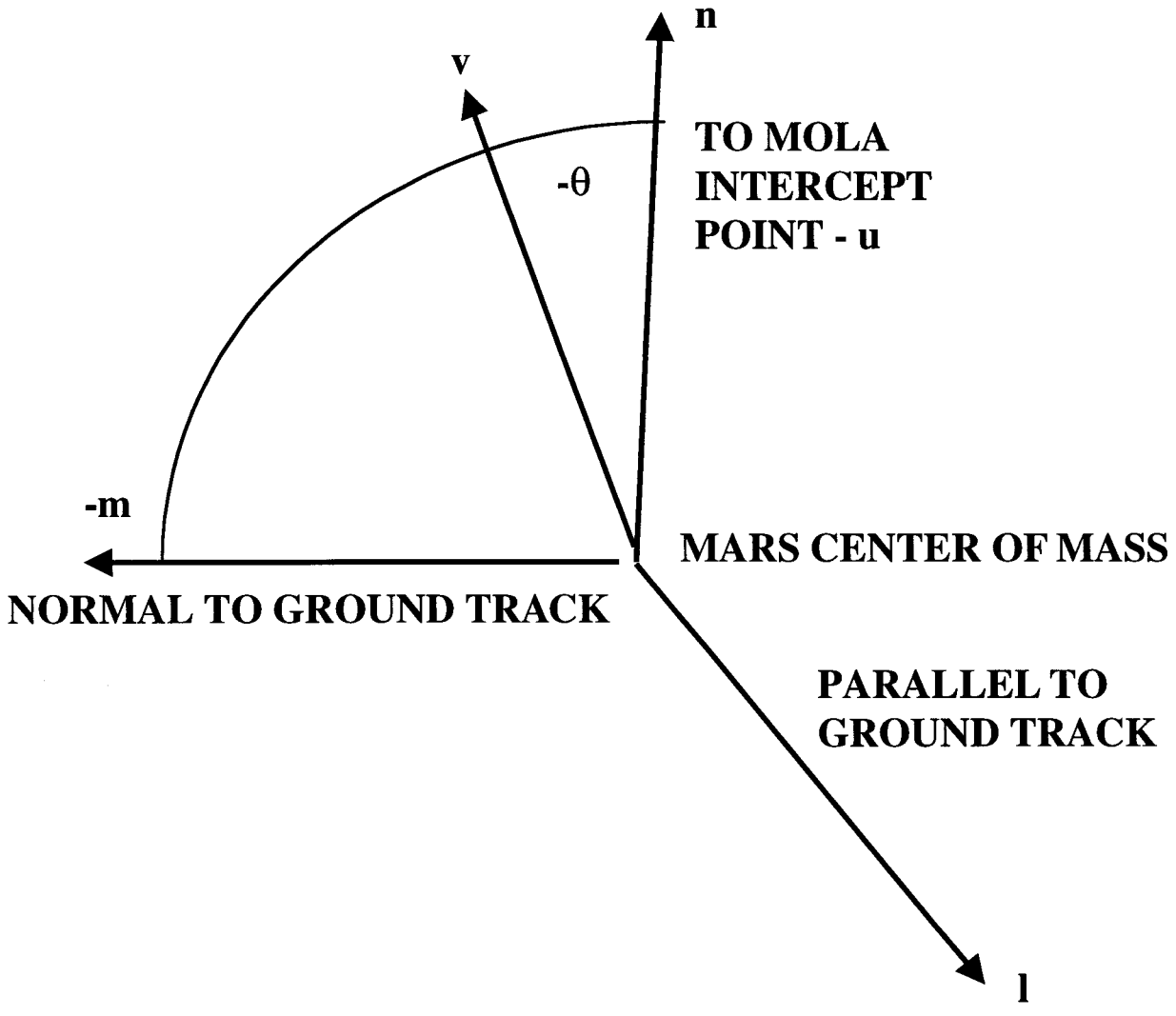

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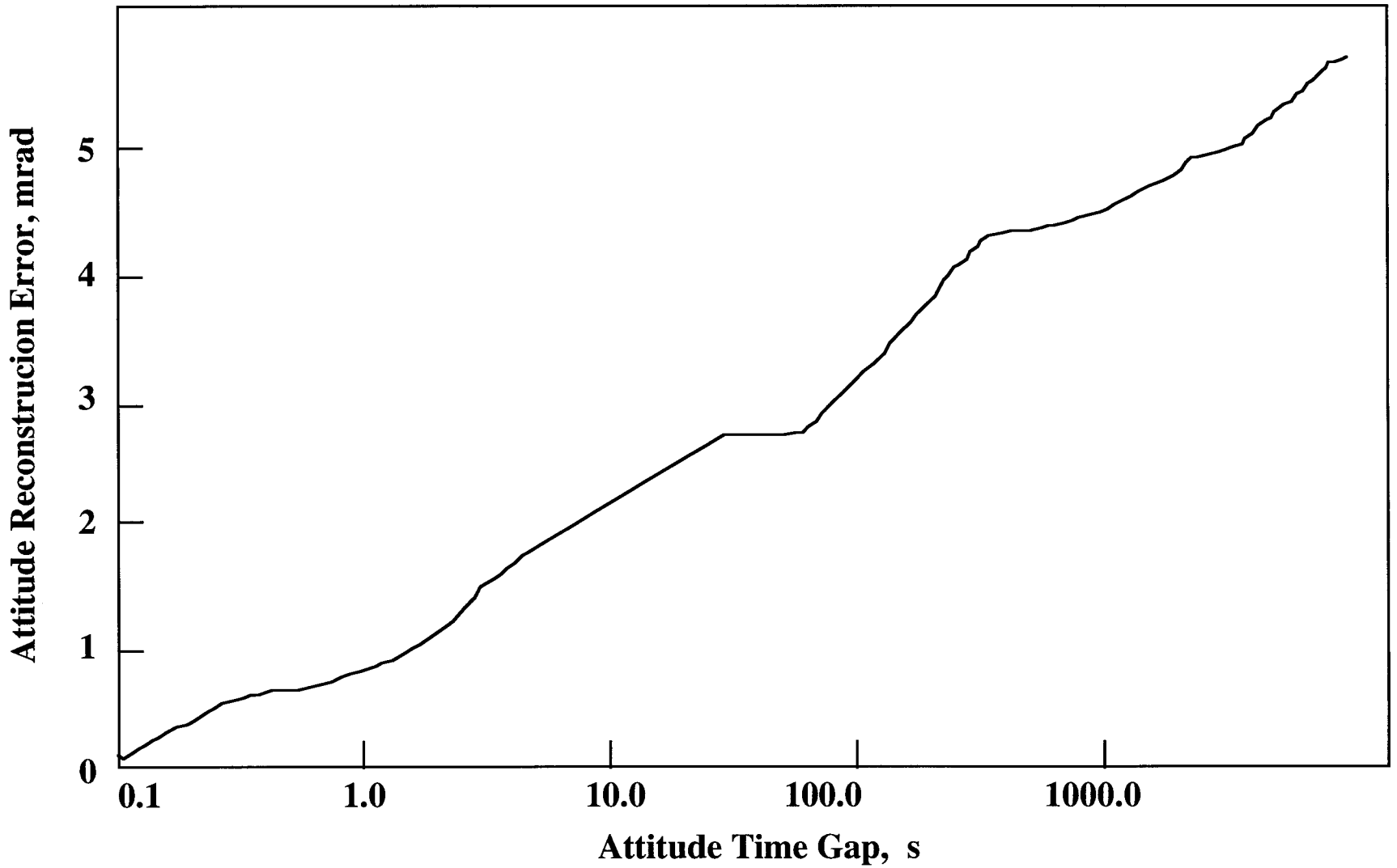

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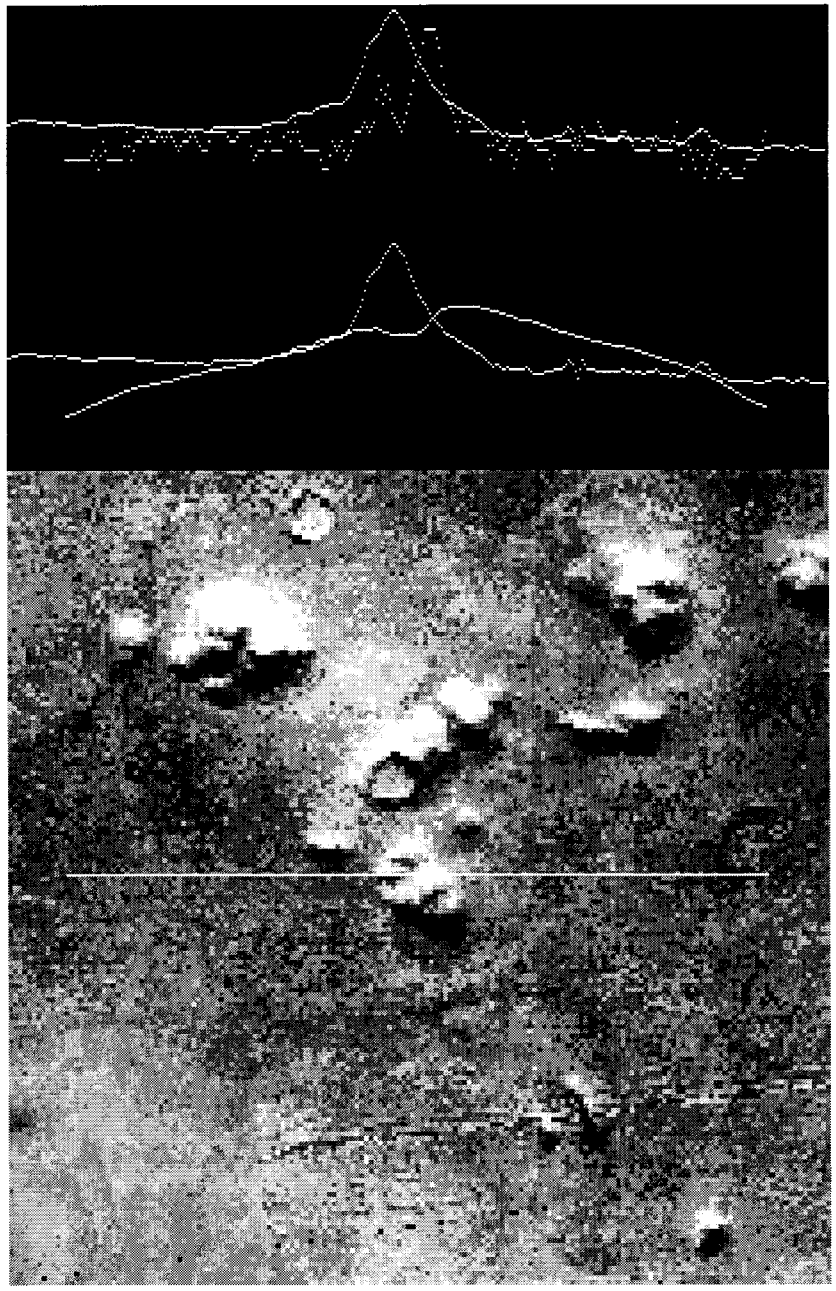

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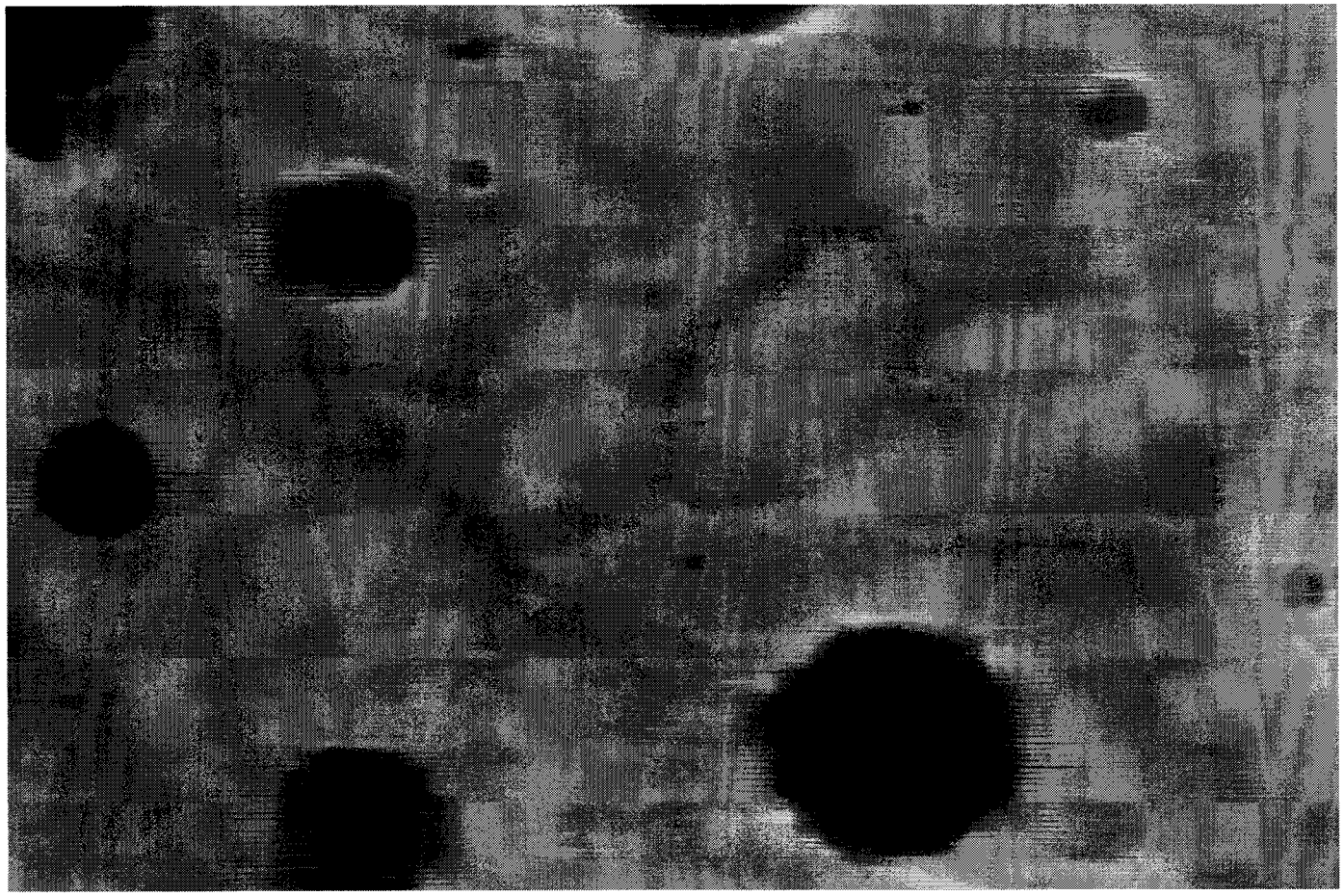

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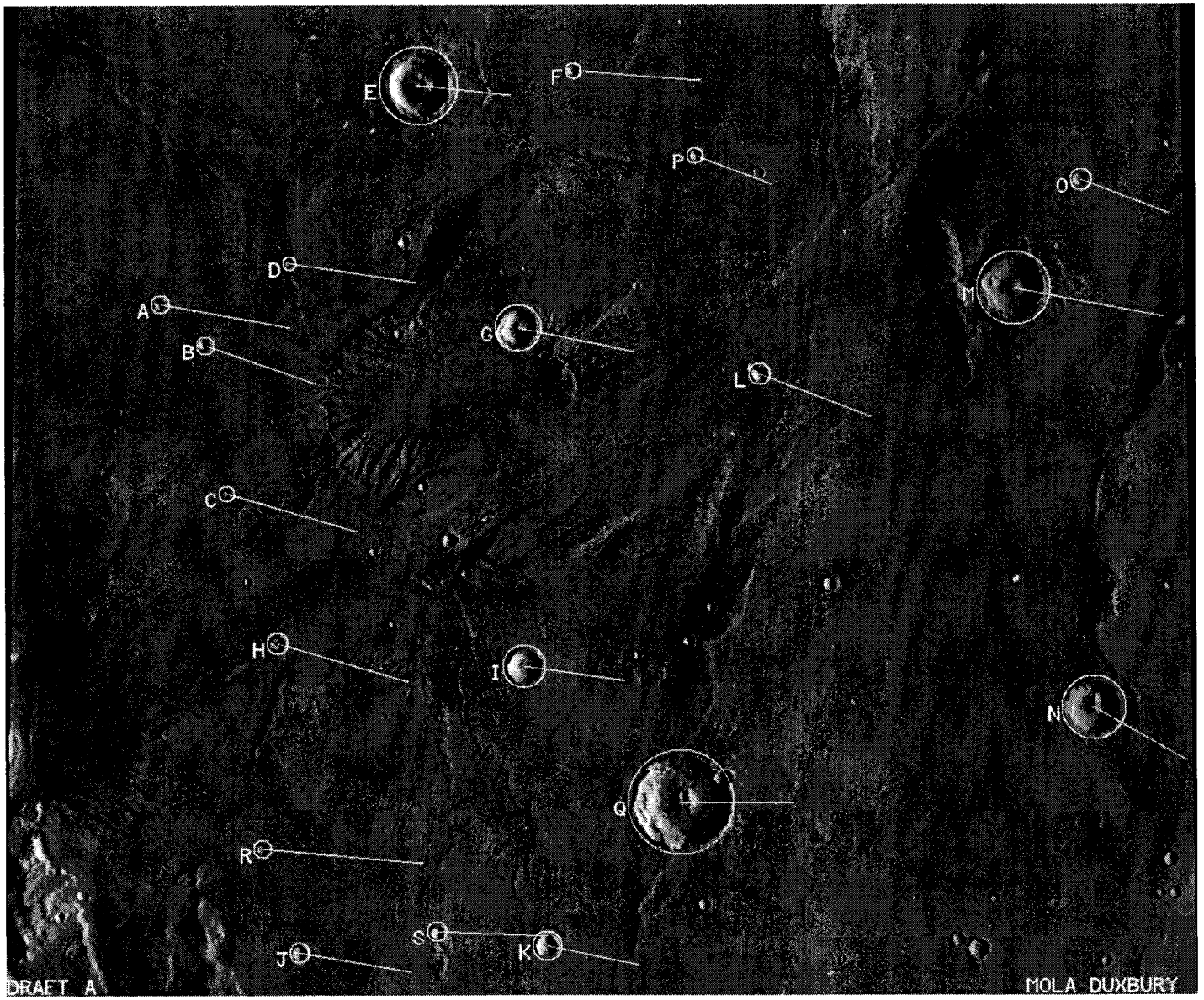

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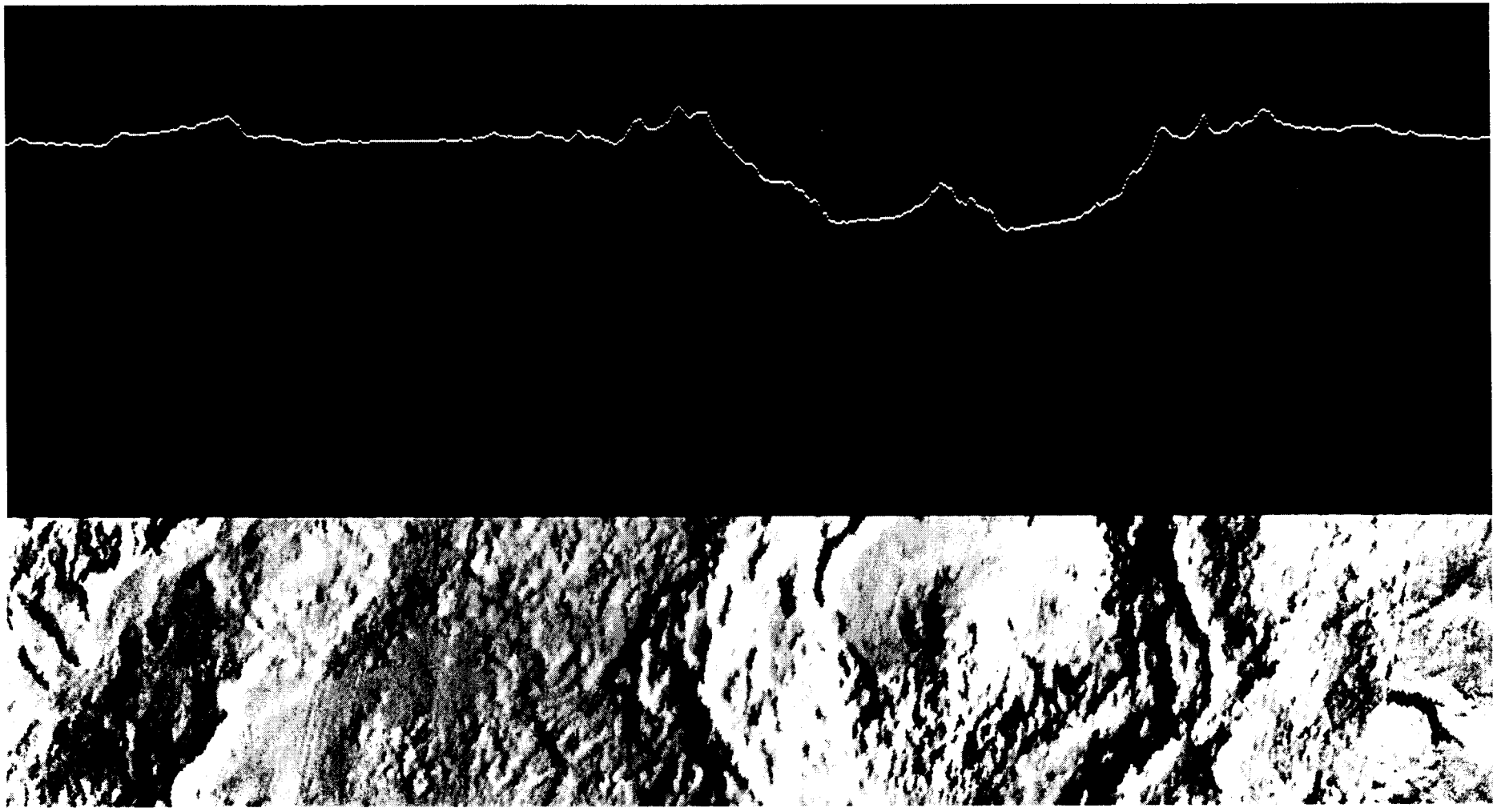

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