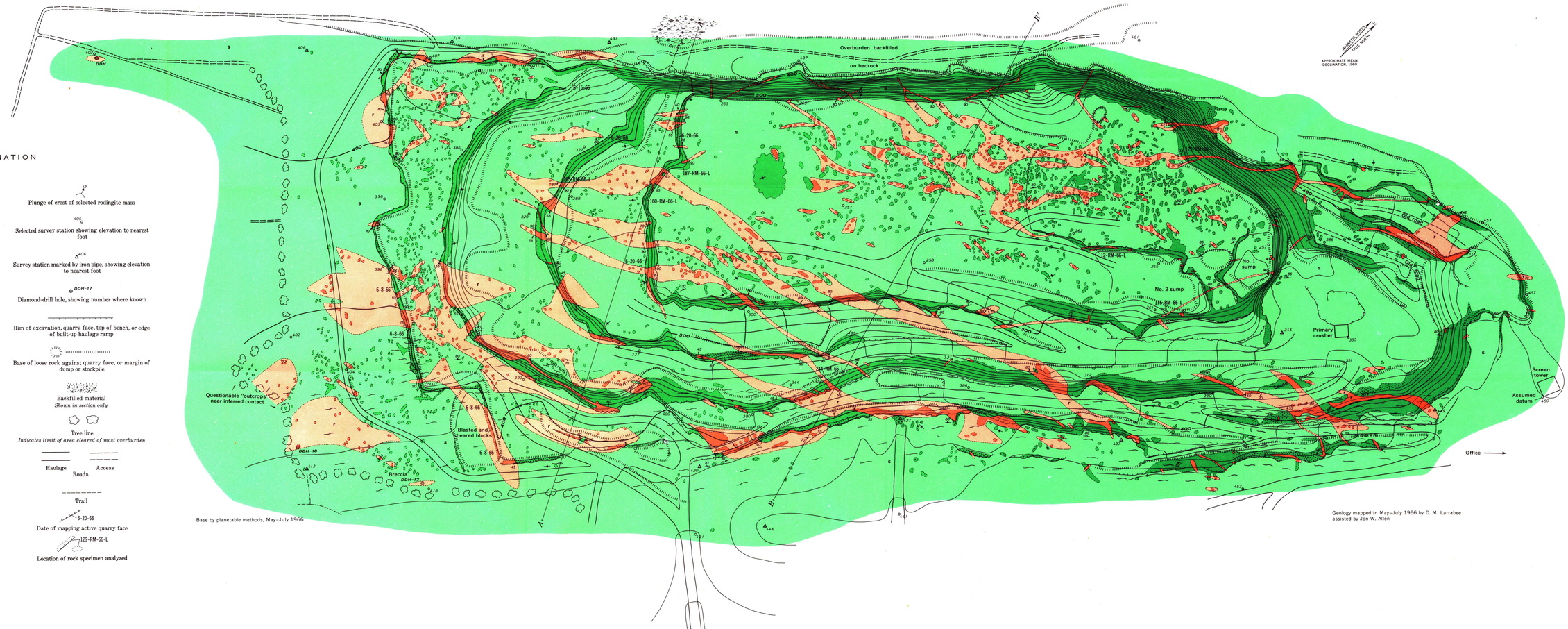


EXPLANATION

Rodingite
Altered gabbro, composed chiefly of diopside, grossularite, clinozoisite, and zoisite; in places contains prehnite, hydrogrossularite, chlorite, and tremolite. Forms dikes and irregular intrusions in serpentinite. In some places is layered parallel with contacts. Areas of outcrop are shown in darker shade; size of small outcrops exaggerated

Serpentinite
Serpentinized dunite, commonly black or greenish black; spotted or mottled areas indicated by stippled pattern. Commonly tremolitic at contacts with rodingite. Areas of outcrop are shown in darker shade; size of small outcrops exaggerated

Inclined 69 — Vertical 90
Contact, showing dip
Solid line where observed, dashed where approximately located, short dashed were inferred. Most observed contacts are slickensided or sheared

Inclined 43 — Vertical
Selected fault or shear plane ("slip") showing dip

Shear zone

75
Strike and dip of foliation in chlorite schist, talc schist, or tremolite schist in shear zone, shear plane or at contact

Inclined 80 — Vertical
Strike and dip of parallel, closely-spaced chrysotile gash veins

Inclined 60 — Vertical
Strike and dip of vertical compositional layering in rodingite

Plunge of crest of selected rodingite mass

405
Selected survey station showing elevation to nearest foot

406
Survey station marked by iron pipe, showing elevation to nearest foot

DDH-17
Diamond-drill hole, showing number where known

Rim of excavation, quarry face, top of bench, or edge of built-up haulage ramp

Base of loose rock against quarry face, or margin of dump or stockpile

Backfilled material
Shown in section only

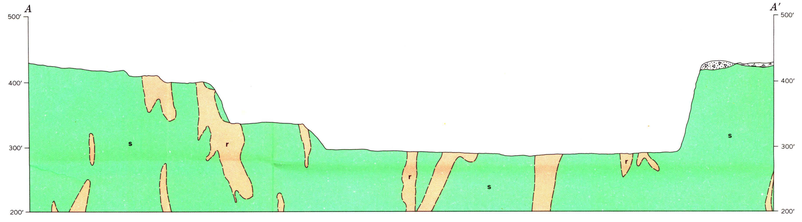
Tree line
Indicates limit of area cleared of most overburden

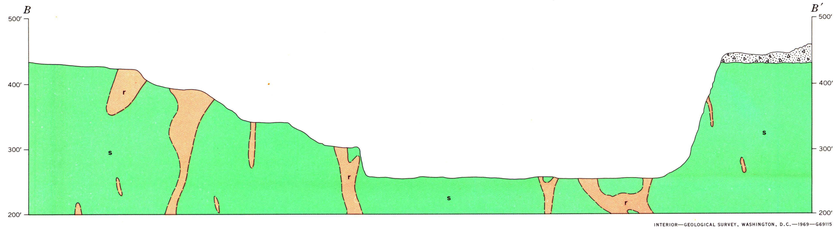
Haulage — Access
Roads

Trail

6-20-66
Date of mapping active quarry face

129-RM-66-L
Location of rock specimen analyzed





GEOLOGIC MAP OF THE HUNTING HILL SERPENTINITE QUARRY MONTGOMERY COUNTY, MARYLAND

SCALE 1:1200
100 0 100 200 300 400 500 FEET
50 0 50 METERS
CONTOUR INTERVAL 10 FEET
DATUM ASSUMED

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—G69115