

LITHOLOGIC LOG

Project CAUCOMGOMOC Hole no. CC-56 Dip -45° Started 9/08/81 Elev.

Job no. 255 Township T7-R14/15 Coord. 2160N, 1105W Direction 105°mag Completed 9/16/81

Lithotype

0'	Overburden
11'	Green Argillite - Soft, green-grey, massive to finely layered 45° to 80° to axis with much slumping and brecciation. Some sections are light maroon color and last foot in section darker maroon - Minor calcite stringers
50'	Minor calcareous basalt and basalt at: 66' - 67'; 210' - 211'; 240' - 241' Minor andesite at: 215' - 220'
100'	Sample at 218' is a coarse andesite (?) with pink feldspars and abundant biotite. Such may be similar to the mafic dike occurring near hole CC-9. Samples at 213' and 233' are greyer argillites.
200'	
250'	
260'	Felsic Tuffaceous Lapilli Fragmental and Tuffaceous Argillite? - Soft with hard feldspars, grey with ash to lapilli size felsic fragments, basalt fragments and minor grey matrix in some sections. Minor basalt at: 264' - 266'; 297' - 301'
300'	Non Calcareous
323'	
350'	Limey Granular Felsic Tuff Grading to Calcareous Tuffaceous Shale - Soft to reasonably hard, steel grey to black, fine grained, layered 70° to 80° to axis with some brecciation, calcite found in matrix with some sections containing gritty felsic fragments in obvious calcite matrix Tabulate coral at 471'
400'	Fossils: Tabulate coral and crinoid stem, possibly byrozoan First 30' or 40' appears to be more tuffaceous; i.e., a limey granular felsic tuff.

cont'd.....

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J. Lobao
(TCW)

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Lithotype

400'	
450'	
492' 500'	Amygdaloidal Andesite or Dacite - Hard, grey, massive, fine grained with quartz and calcite amygdules in grey lathy matrix with minor brecciation and grey rhyolite. Composition uncertain whether andesitic or dacitic. However probably similar to so-called amygdaloidal dacite of earlier Grid B drilling.
535'	
550'	Calcareous Tuffaceous Shale Same as above
587'	
600'	Andesite-Dacite - Same as above, but minor amygdules present, minor calcareous section
650'	
700' 717'	Calcareous Tuffaceous Shale Minor rounded to subrounded calcareous tuff fragments
750'	
772'	Massive Calcareous Felsic Tuff - granular qtz with abundant calcite and scattered coarser qtz and lithic ash - grey to green.
800' 803'	Bottom of hole

PROJECT: Caucomgomoc HOLE NO: CC-56 Dip: -45°
JOB NO. 255 TOWNSHIP: T7-R14/15 COORD. 2160N, 1105W Direction: 105° mag.
STARTED: 9/08/81 COMPLETED: 9/16/81

ACID TESTS

	Apparent	Actual
200'	51°	45°
400'	48°	42°
600'	45°	40°
800'	41°	35°