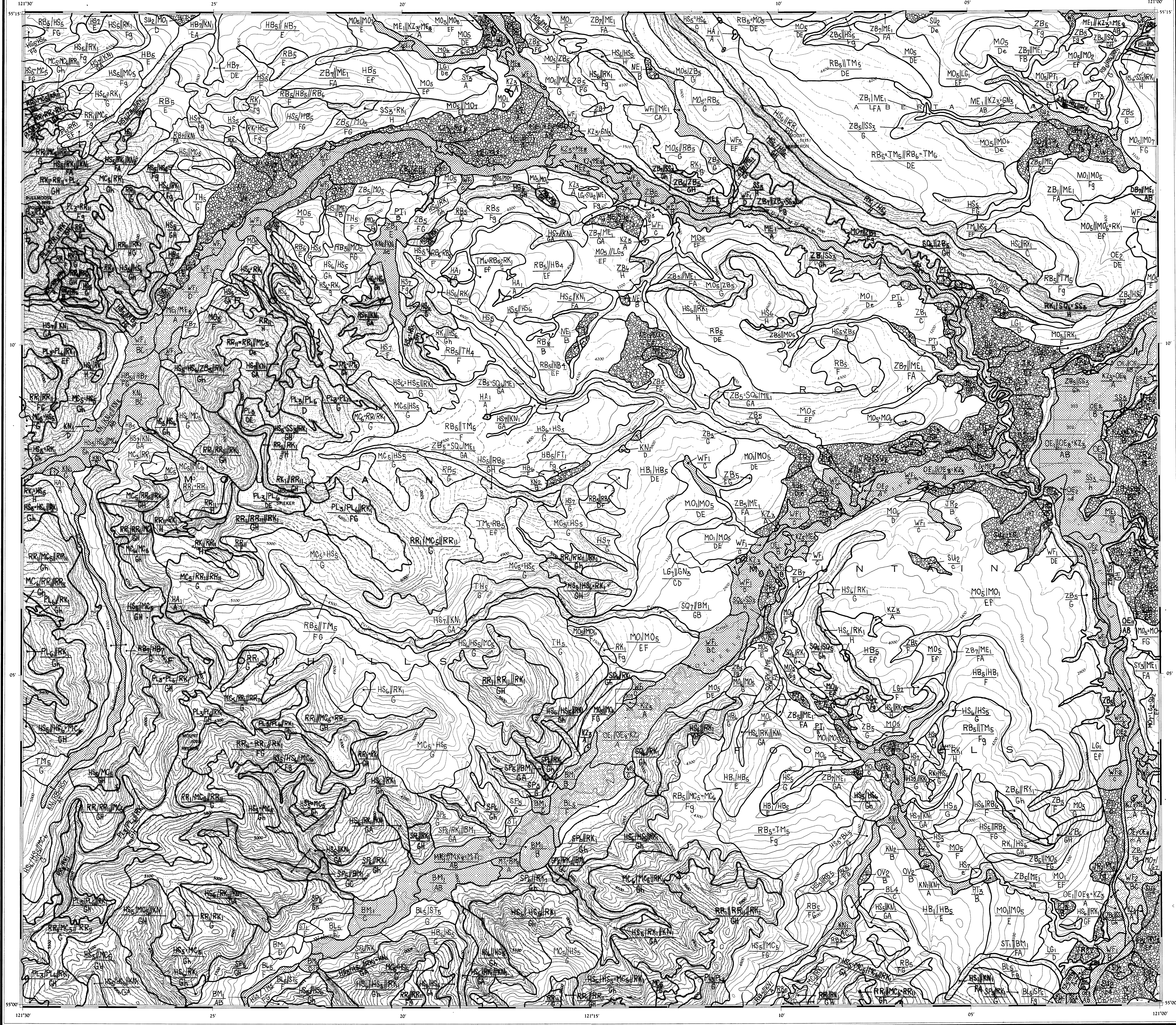




Explanation of Map Symbols	
This map shades in those soil map units which have a high erosion hazard potential, or have a flooding hazard potential, or are physically suitable for most engineering uses. This map interprets information contained on the BIOPHYSICAL SOILS map (no. 3); an explanation of the soil and topographic symbols is contained on map 3.	
CHARACTERISTIC	SHADING SYMBOL
HIGH EROSION HAZARD POTENTIAL These units have significant areas of high erosion hazard potential due to either steep slopes, fine-textures, poor to imperfect drainage, and/or cold-climate (periglacial) processes. Erosion by rivers and streams on floodplains is not evaluated here.	
FLOODING HAZARD These units consist of active fluvial (flood-plain) deposits which are subject to flooding. Flooding frequency may be rare to frequent. Flooding hazard was inferred from landscape position and soil development. Fluvial soils which lack soil horizonation (no A or B horizons) were assumed to be subject to flooding.	
HIGH ENGINEERING SUITABILITY These units are areas which are physically suitable for most engineering uses (e.g. roads, dwellings). Soils generally consist of deep inactive fluvial and fluvio-glacial deposits which occur above present-day floodplains. Well to rapid drainage, level to moderate topography, and suitable substrate (sands and gravels) provide few physical limitations for roads, dwellings, and most forms of development. These soils may also be a suitable aggregate source.	
Note that unshaded (blank) areas do not meet any of the above mentioned criteria. These areas generally consist of morainal and colluvial soils on moderate slopes.	

Notes

Other soil interpretations could also be presented in a similar format. Refer to the following publication for additional soil interpretations for agriculture, forestry, wildlife, recreation, visual analysis, and engineering:

Biophysical Soil Resources and Land Evaluation of the Northeast Coal Study Area 1976 - 1977; Volumes One and Two. Resource Analysis Branch, B. C. Ministry of Environment, Victoria, B.C.

Credits

Soil interpretations by - T. Vold, Resource Analysis Branch, B. C. Ministry of Environment.

Drafted by - Cartographic Section, Resource Analysis Branch.

Topographic base map provided by - Surveys and Mapping Branch, B. C. Ministry of Environment.