Subcatchment Areas m²					
No.	Source	No.	N. Branch	No.	S. Branch
1a	6 400	1a	6 400	1a	6 400
		1b	2 350	1b	2 350
		2b	4 400	2a	6 800
		3a	14 800	4a	67 800
		3b	20 500	4b	38 600
		Total	48 450	Total	121 900

LEGEND

- Boundary of Debris Flow Scar
- Boundary of Flooding
- Erosion Scarp
- Subcatchment Boundary
- 4a — Number
- CHS850 — Chainage 850 of S. Branch
- Vehicle

Substrate Mapping

Only within debris flow scar except rock outcrop extended by API.

- Granite fresh to partially weathered (PW 90/100)
- Granite partially weathered
- Volcanic rocks fresh to partially weathered (PW 90/100)
- Volcanic rocks partially weathered
- Andesite partially weathered and fill
- Angular bouldery granite colluvium
- Sub angular bouldery granite and volcanic colluvium
- Angular volcanic colluvium with sub-angular granite clasts

Interpreted Debris Flow Processes

- Erosion - Freshly exposed substrate, interpreted > 0.1m eroded
- Transportation - Abraded original ground surface with removal of vegetation, minor erosion (< 0.1m) and traces of debris (< 0.1m)
- Water Flow - Traces of washed sand and gravel with flow structures
- Deposition - Landslide debris of boulders, cobble and gravel with silt and sand
- Alluvial deposits of sand and silt
- Original ground surface

no.	date	description	initial
REVISION			

	name	date
surveyed	-	-
designed	J. King	5/2000
drawn	W. W. Wong	5/2000
traced	-	
checked	-	-

examined

OG53 - 72638

Acc. No. OG 72638

contract no.

file no. GCP 2/A1/3-6(3)

job no.

project

14th April 2000 TSING SHAN DEBRIS FLOW

drawing title

The Debris Flow Scar Materials and Processes

drawing no. DRAWING 1 (GEO/P/PTE/13)

scale 1:1 000

office

PLANNING DIVISION

GEOTECHNICAL ENGINEERING OFFICE

CIVIL ENGINEERING DEPARTMENT