

NOT FOR  
MICROFILMING

4951 C

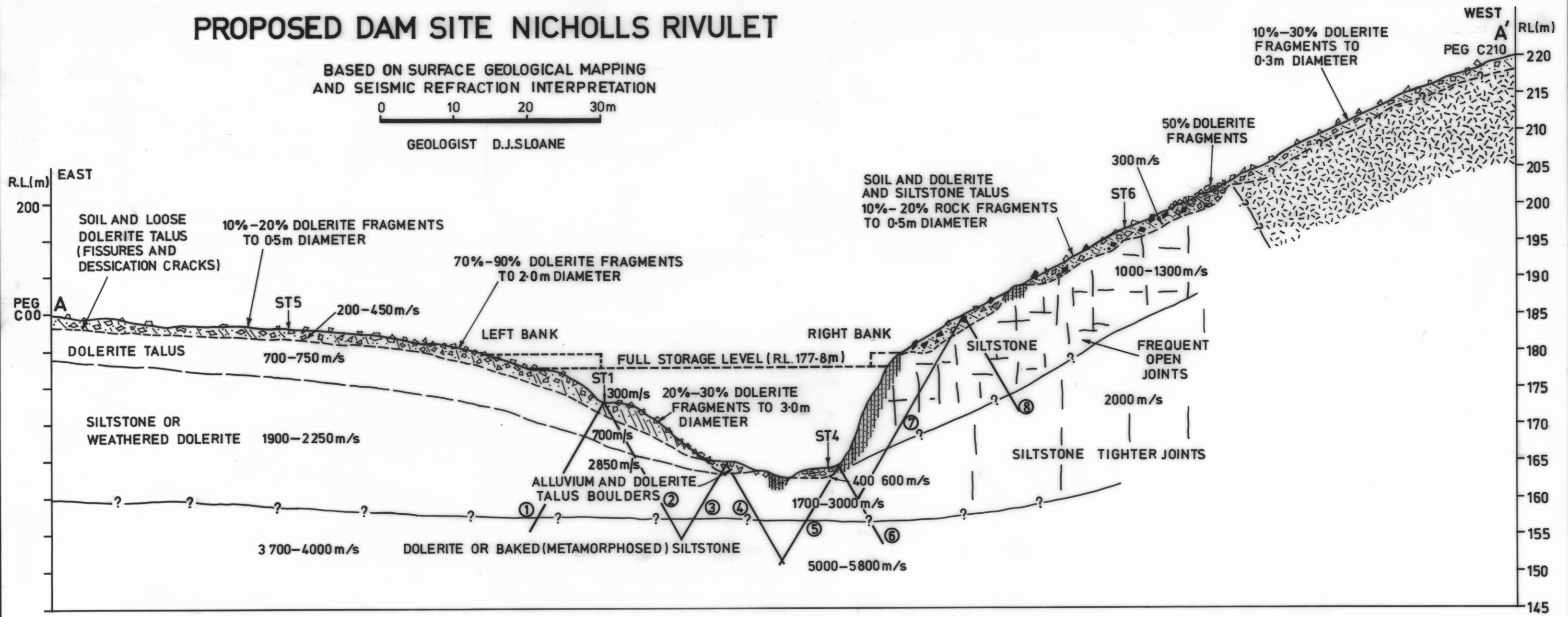
827

# PROPOSED DAM SITE NICHOLLS RIVULET

BASED ON SURFACE GEOLOGICAL MAPPING  
AND SEISMIC REFRACTION INTERPRETATION

0 10 20 30m

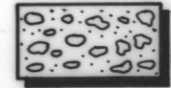
GEOLOGIST D.J.SLOANE



DOLERITE



DOLERITE TALUS AND SOIL



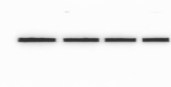
FLOODPLAIN ALLUVIUM  
LARGELY DOLERITE  
COBBLES AND BOULDERS



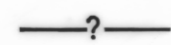
SILTSTONE



DOLERITE AND SILTSTONE  
OR HORNFELS TALUS



INFERRED BOUNDARY FROM  
SEISMIC INTERPRETATION



APPROXIMATE BOUNDARY



PROPOSED BOREHOLE

400-600 m/s

SEISMIC VELOCITY RANGE  
(METRES/SECOND)