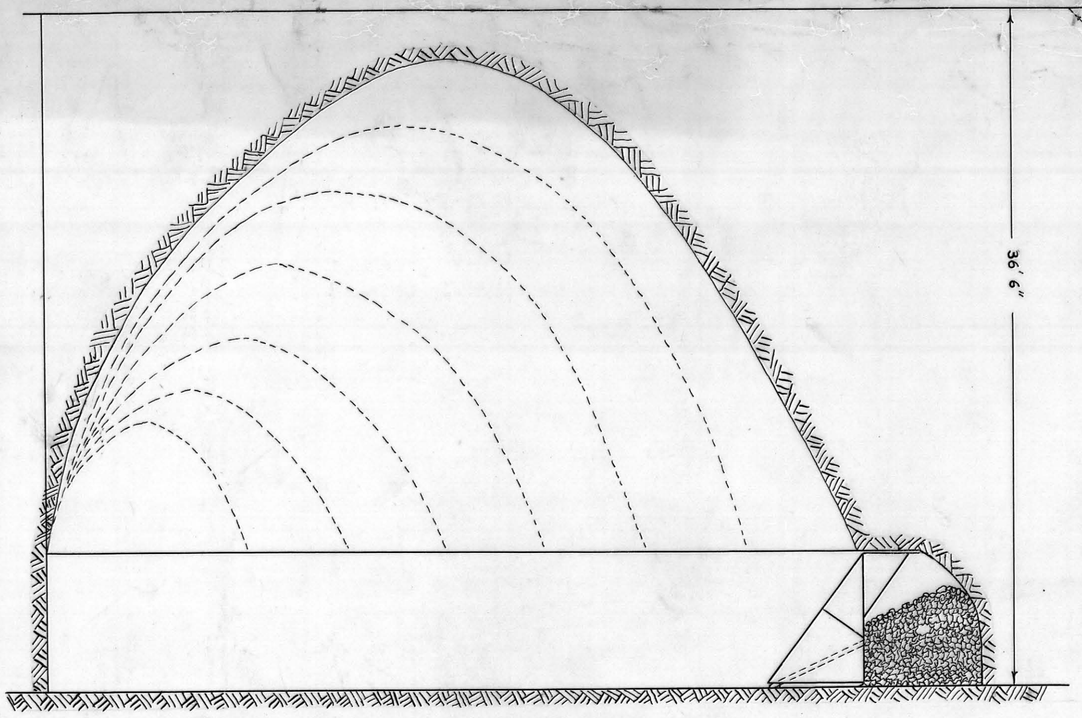


Fig. 1 Side elevation of advancing shield showing suggested lines of subsidence.
Scale: $\frac{3}{16}$" = 1'

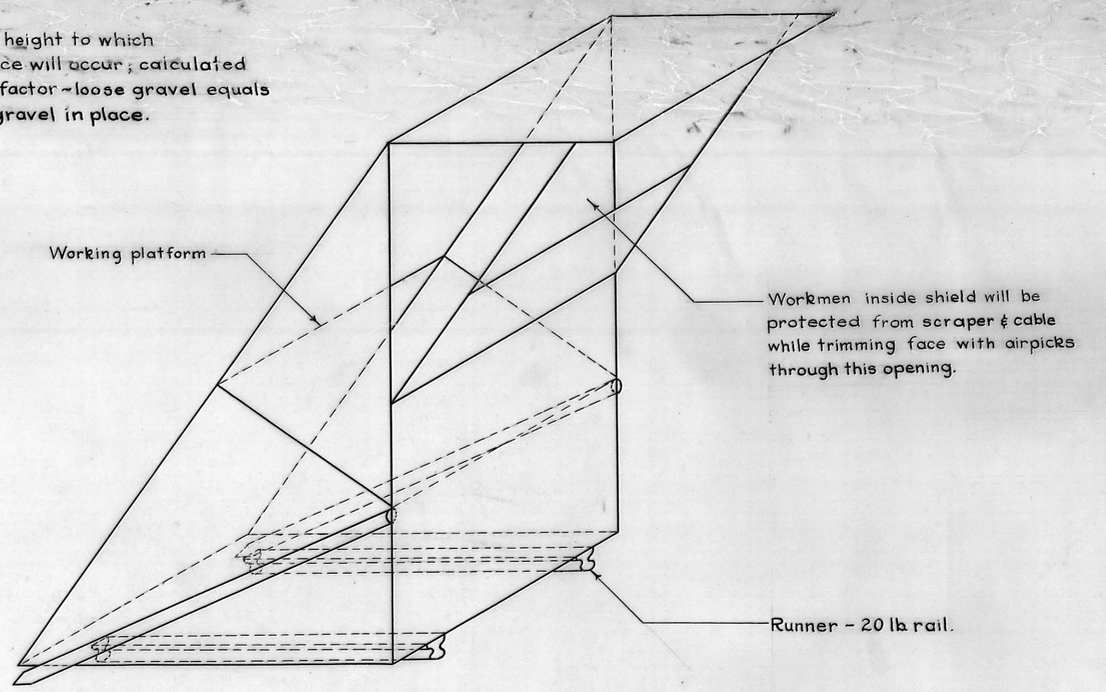
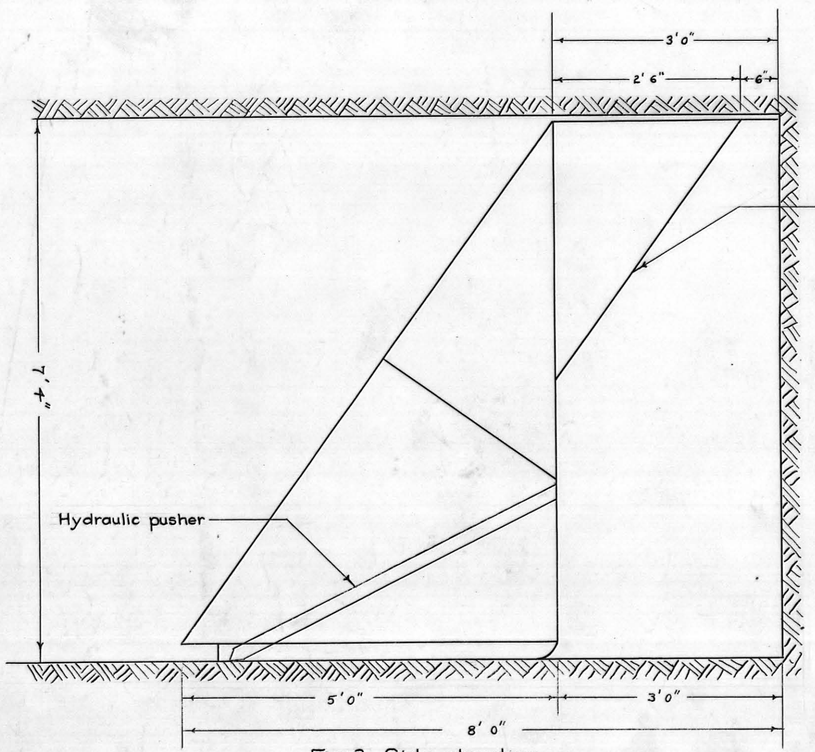


Fig. 2 Oblique view of shield.



NOTE:
Sheet steel on front of shield extends down from this point.
Top & back of shield are completely enclosed with sheet steel.
Framework of shield to be made of I or standard beams.

Fig. 3 Side elevation.

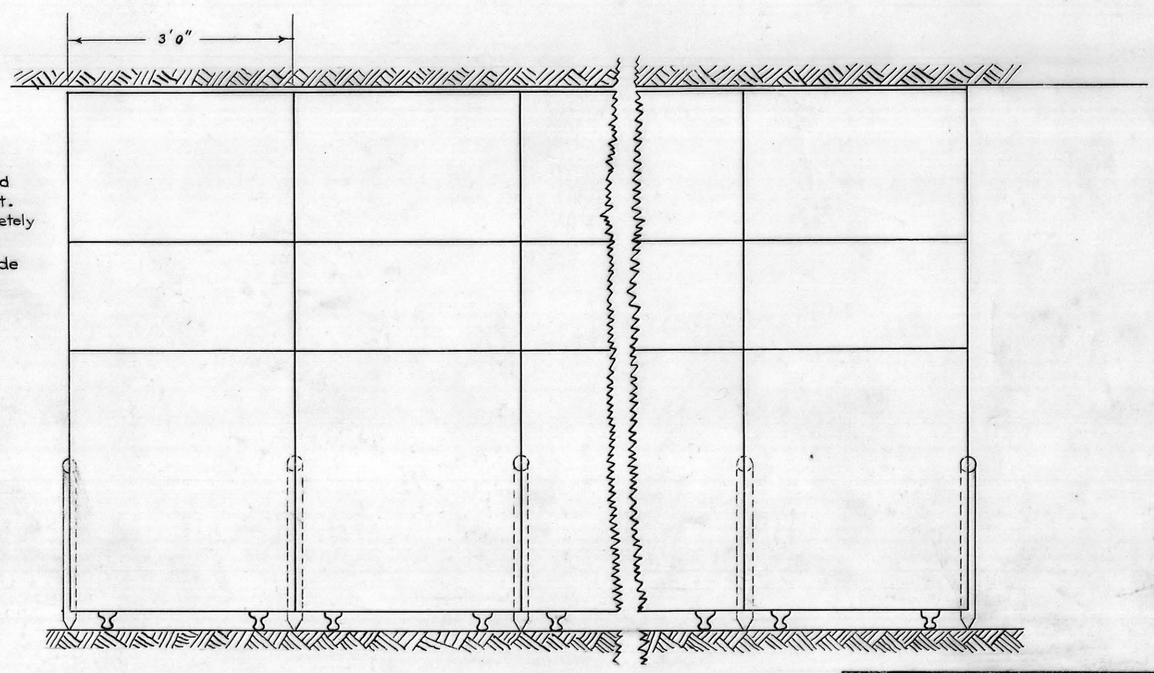
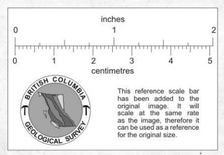


Fig. 4 Front elevation.



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NOLAND MINES LIMITED
ATLIN, B.C.

Subject: Preliminary drawing of a self-propelled steel shield to be used with longwall and scrapers to eliminate use of timber in pillar extraction.

Scale: $\frac{3}{4}$" = 1'	Drawing No. 1
Date: March 1, 1952	Drawn by: B.W.B.