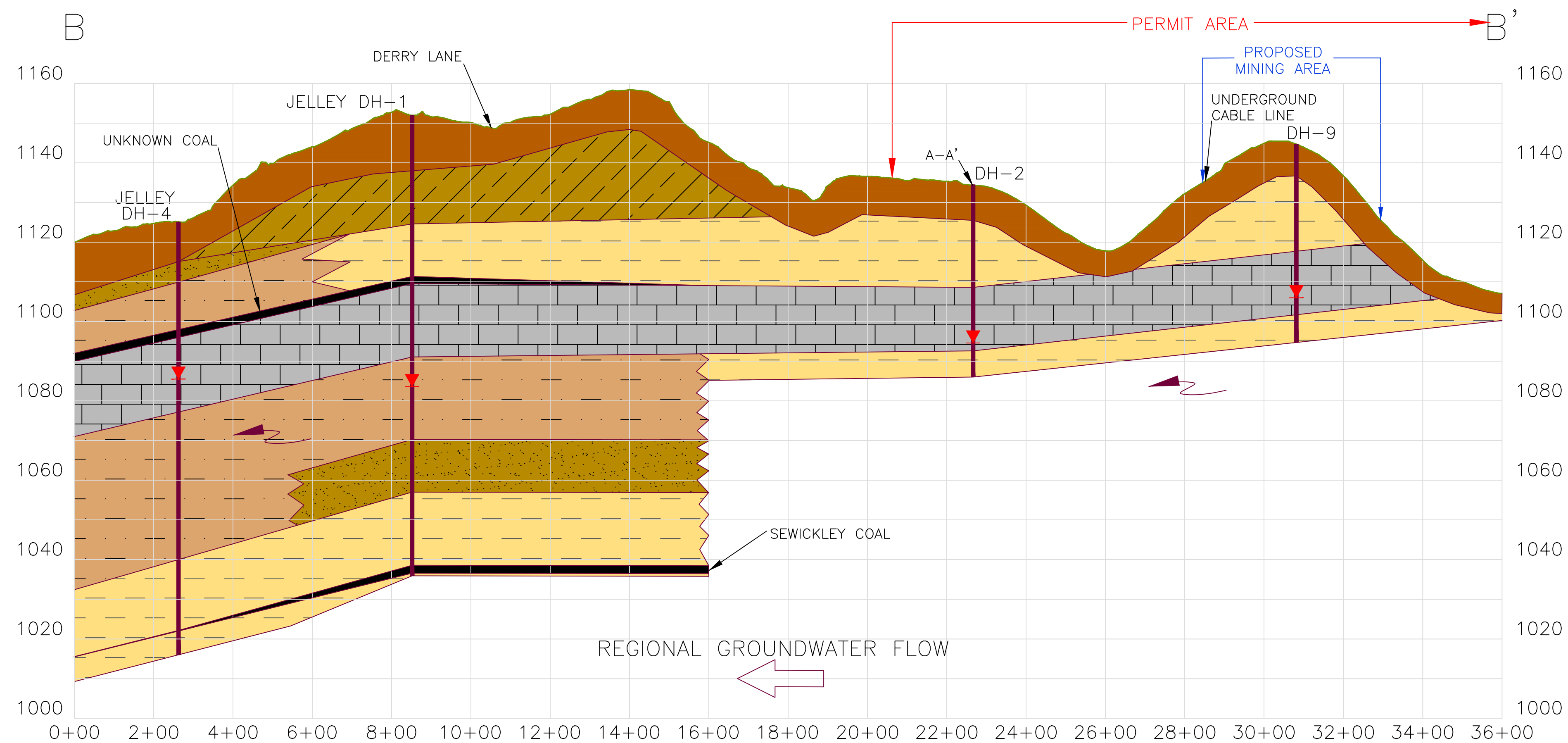


CROSS SECTION A-A'
 HORIZONTAL SCALE: 1" = 200'
 VERTICAL SCALE: 1" = 20'

- LEGEND**
- EXISTING SURFACE PROFILE
 - SOILS & CLAY
 - SHALE
 - BENWOOD LIMESTONE
 - SANDSTONE
 - COAL
 - PREVIOUSLY SURFACE MINED AREA
 - INTERBEDDED SHALE & SANDSTONE
 - INTERBEDDED SHALE, SILTSTONE, & MUDSTONE
 - STATIC WATER LEVEL
 - REGIONAL GROUNDWATER FLOW
 - LOCAL GROUNDWATER FLOW



CROSS SECTION B-B'
 HORIZONTAL SCALE: 1" = 200'
 VERTICAL SCALE: 1" = 20'

A-A' & B-B' GEOLOGIC CROSS SECTIONS
 MODULE 7.1c) GEOLOGIC CROSS SECTIONS
 FOR
LIGONIER STONE & LIME COMPANY
SMT EAST SURFACE MINE
 DERRY TOWNSHIP, WESTMORELAND COUNTY, PA
 S.M.P. No. 65210301
 DATE: JANUARY 2022

NO.	DATE	DESCRIPTION	BY
2	1-4-2022	REVISIONS - 10.22.21 DEP LETTER	AMR
1	1-25-2021	FULL APPLICATION SUBMITTAL	AMR

Earthtech, Inc.
 Uniontown Office P.O. Box 4-A Lemont Furnace, PA 15456
 Telephone: 724-439-1313 Fax: 724-439-0633
<http://www.earthtechinc.net/>

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