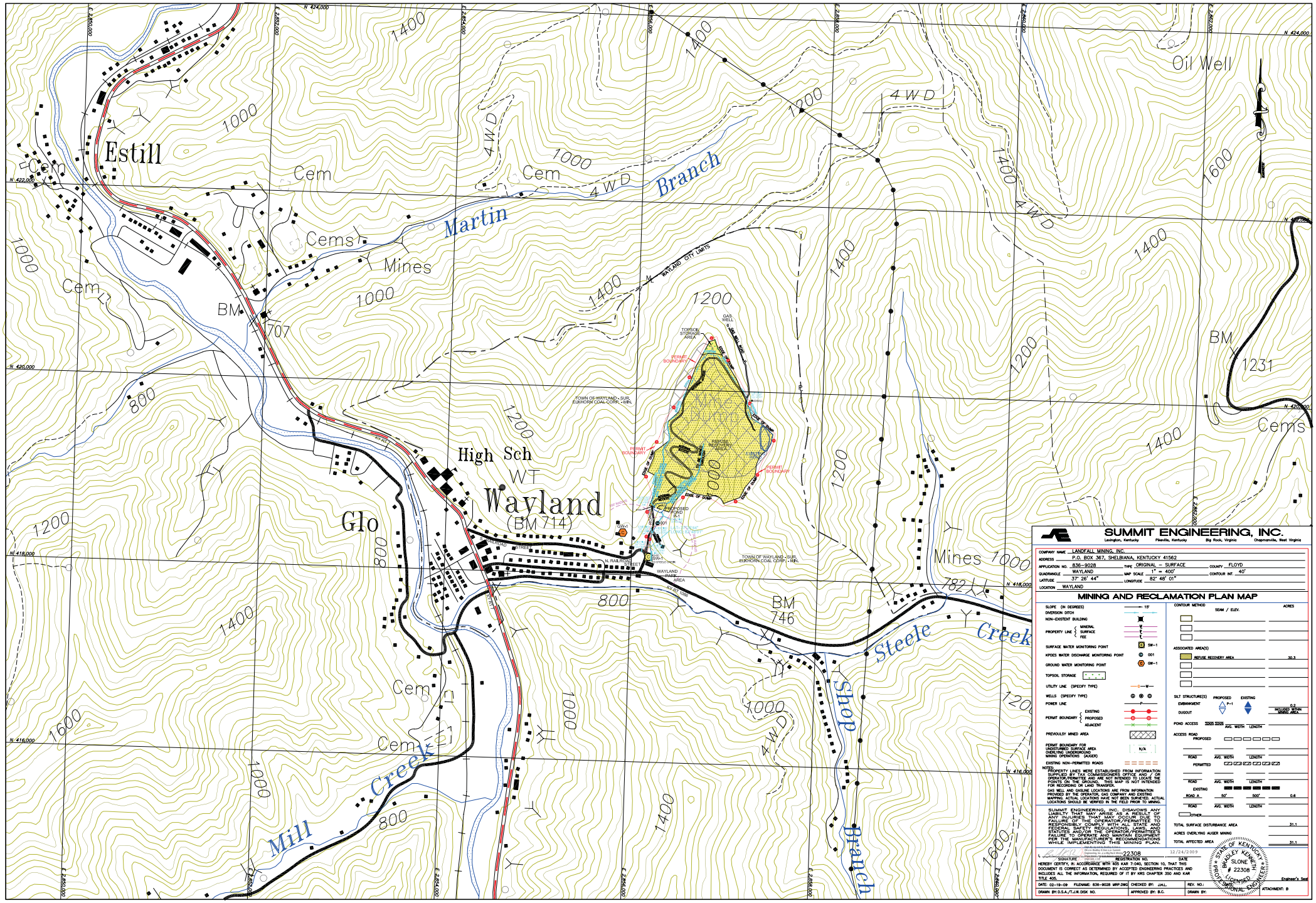

SUMMIT ENGINEERING, INC.

Lexington, Kentucky · Pikeville, Kentucky · Big Rock, Virginia · Chapmanville, West Virginia

COMPANY NAME: LANDFALL MINING, INC.
ADDRESS: P.O. BOX 367, SHELBIANA, KENTUCKY 41562
APPLICATION NO.: 836-9028 TYPE: ORIGINAL – SURFACE COUNTY: FLOYD
QUADRANGLE: WAYLAND MAP SCALE: 1" = 400' CONTOUR INT.: 40'
LATITUDE: 37° 26' 44" LONGITUDE: 82° 48' 01"
LOCATION: WAYLAND

MINING AND RECLAMATION PLAN MAP

SLOPE (IN DEGREES) — 15°
DIVERSION DITCH
NON-EXISTENT BUILDING
PROPERTY LINE: MINERAL, SURFACE, FEE
SURFACE WATER MONITORING POINT — SW-1
KPDES WATER DISCHARGE MONITORING POINT — 001
GROUND WATER MONITORING POINT — GW-1
TOPSOIL STORAGE
UTILITY LINE (SPECIFY TYPE)
WELLS (SPECIFY TYPE)
POWER LINE
PERMIT BOUNDARY: EXISTING, PROPOSED, ADJACENT
PREVIOUSLY MINED AREA
PERMIT BOUNDARY FOR UNDISTURBED SURFACE AREA OVERLYING UNDERGROUND MINING OPERATIONS (AUGER) — N/A
EXISTING NON-PERMITTED ROADS

NOTE:
PROPERTY LINES WERE ESTABLISHED FROM INFORMATION GATHERED BY TAX COLLECTORS OFFICE AND/OR OTHER PERMITS AND ARE NOT INTENDED TO DEMARCATE POINTS ON THE GROUND. THIS MAP IS NOT INTENDED FOR RECORDING OR LAND TRANSFER.

GAS WELL AND GASLINE LOCATIONS ARE FROM INFORMATION PROVIDED BY THE OPERATOR, GAS COMPANY AND EXISTING MAPPING. ACTUAL LOCATIONS HAVE NOT BEEN SURVEYED. ACTUAL LOCATIONS SHOULD BE VERIFIED IN THE FIELD PRIOR TO MINING.

SUMMIT ENGINEERING, INC. DISAVOWS ANY LIABILITY FOR MINING OR OTHER ACTIVITIES ON LAND THAT WAS PREPARED AS A PLAN, DUE TO FAILURE OF THE OPERATOR/PERMITTEE TO RESPONSIBLY COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS, LAWS, AND STATUTES, AND/OR THE OPERATOR/PERMITTEE'S FAILURE TO ADHERE TO THE RECOMMENDATIONS OF THE MANUFACTURER'S RECOMMENDATIONS WHILE IMPLEMENTING THIS MINING PLAN.

CONTOUR METHOD — SEAM / ELEV. — ACRES

ASSOCIATED AREA(S)

REFUSE RECOVERY AREA		30.3

SILT STRUCTURE(S): PROPOSED — EXISTING
EMBANKMENT: P-1 — 0.3 INCLUDED WITHIN MINING AREA
DUGOUT
POND ACCESS: NONE NONE — AVG. WIDTH — LENGTH
ACCESS ROAD
PROPOSED — ROAD — AVG. WIDTH — LENGTH
PERMITTED — ROAD — AVG. WIDTH — LENGTH
EXISTING — ROAD — AVG. WIDTH — LENGTH
ROAD A — 50' — 500' — 0.6
OTHER

TOTAL SURFACE DISTURBANCE AREA	31.1
ACRES OVERLYING AUGER MINING	
TOTAL AFFECTED AREA	31.1

I, Bradley Kenneth Slone (Registered Professional Engineer) of Summit Engineering, Inc. a duly licensed Professional Engineer in the Commonwealth of Kentucky, HEREBY CERTIFY, IN ACCORDANCE WITH 405 KAR 7:040, SECTION 10, THAT THIS DOCUMENT IS CORRECT AS DETERMINED BY ACCEPTED ENGINEERING PRACTICES AND INCLUDES ALL THE INFORMATION REQUIRED OF IT BY KRS CHAPTER 350 AND KAR TITLE 405.

SIGNATURE — REGISTRATION NO.: 22308 — DATE: 12/24/2009

STATE OF KENTUCKY — BRADLEY KENNETH SLONE — # 22308 — LICENSED PROFESSIONAL ENGINEER

Engineer's Seal

DATE: 02-19-09 FILENAME: 836-9028 MRP.DWG CHECKED BY: JJ&L REV. NO.:
DRAWN BY: D.S.A./T.J.W. DISK NO. APPROVED BY: B.C. DRAWN BY:
ATTACHMENT: B