

AI: 87437

Rec'd via hard copy
10/08/2024

MSR32 3066

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Mangum Family LLC

OWNER COMPANY LEGAL NAME: _____

OWNER STREET OR P. O. BOX: 216 Rockwood Rd

OWNER CITY: Star STATE: MS ZIP: 39167

OWNER PHONE #: (601) 540-5916 OWNER EMAIL: _____

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Cramer Pierce

OPERATOR COMPANY LEGAL NAME: Pierce Construction: Contract hauling

OPERATOR STREET OR P. O. BOX: 2866 Hwy 494

OPERATOR CITY: Union STATE: MS ZIP: 39365

OPERATOR PHONE #: (601) 774-9205 OPERATOR EMAIL: Pierceconst@gmail.com

MINE INFORMATION

MINE NAME: Star Pit

MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)

Street: Star Rd
City: Star State: MS County: Rankin Zip: 39167

NE /4 OF NE /4 OF SECTION 13, TOWNSHIP 3N, RANGE 2E

MINE SITE TRIBAL LAND ID (N/A If not applicable): N/A

ATTACH A USGS QUAD MAP, EXTENDING 1/2 MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

LATITUDE: 32 degrees 06 minutes 05 seconds LONGITUDE: 90 degrees 02 minutes 30 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Entrance Gate) or Map Interpolation): Google Earth

TOTAL ACREAGE: 25 MATERIAL TO BE MINED: Sand/Dist

WILL HYDRAULIC DREDGING BE USED? YES NO

WASHING OF SAND/GRAVEL? YES NO

ol

ESTIMATED START DATE: 10/2024
YYYY-MM-DD
SIC CODE _____

ESTIMATED END DATE: 10/2027
YYYY-MM-DD
NAICS CODE _____

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Mantain Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(D) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found of MDEQ's website. http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

ATTACH A STORM WATER POLLUTION PREVENTION PLAN (SEE PERMIT FOR REQUIREMENTS)

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: See Attach

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: _____ (FT)
(MUST BE AT LEAST 150 FEET)

NUMBER OF RECIRCULATION POND(S): _____ N/A

STORAGE CAPACITY OF EACH RECIRCULATION POND(S): _____ (FT³)

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: _____ (GAL/DAY) N/A

NAME AND ADDRESS OF THE RECIPIENT OF THE DISCHARGE MONITORING REPORTS (DMRs), IF DIFFERENT FROM SIGNATORY: _____

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Coverage under this general permit will not be granted until all other required MDEQ permits and approvals are addressed.

WILL THE CONSTRUCTION OR OPERATION OF THIS MINE INVOLVE THE RE-ROUTING, FILLING OR CROSSING OF A WATER CONVEYANCE OF ANY KIND? YES NO

If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements. If the mine requires a Corps of Engineers Section 404 permit, provide appropriate documentation with this MNOI that:

- The mine has been approved by individual permit, or
The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required.

LIST ANY NPDES PERMIT NO(s) _____ GEOLOGY APPLICATION/PERMIT NO. _____

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA _____

IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEET FROM ANOTHER MINE?

[] YES A "Notice of Exempt Operations" Form must be included with the MNOI or proof of prior submission, if previously submitted to the Office of Geology.

[x] NO A "Notice of Intent to Mine Class I or Class II Materials" Form must be filed before coverage will be granted under the Mining General Permit. For information on Office of Geology requirements, call 601-961-5515.

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. NA

IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE FOLLOWING APPLY.

- [] The impoundment will be constructed with a peripheral dam or levee 8 feet or greater in height, measured from the lowest elevation of its toe.
[] The impoundment will have a maximum storage volume greater than 25 acre-feet.
[] The impoundment will impound a watercourse with a continuous flow.
[] The impoundment has the potential to threaten downstream lives or man-made structures.

If any of the impoundments meet any of the above criteria, the applicant will be required to obtain written authorization from MDEQ, Dam Safety Division before coverage will be granted under the Mining General Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature: [Signature]

Date: 9/20/24

Printed Name: Cramer Pierce

Title: Owner

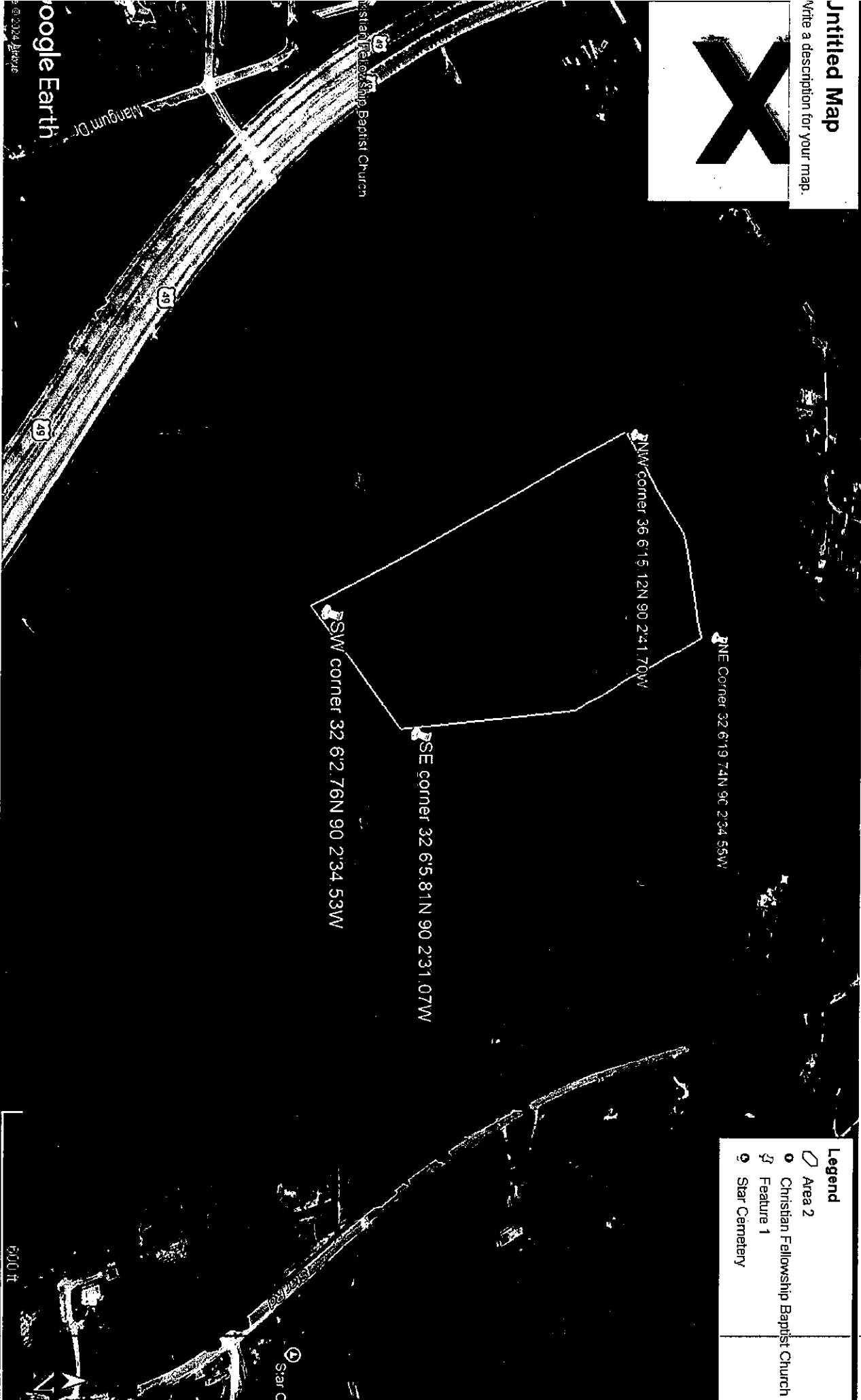
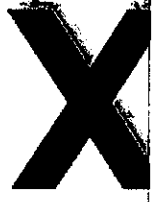
This application shall be signed according to the General Permit, Act 15, T-4 as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by either a principal executive officer, the mayor, or ranking elected official.
- Duly Authorized Representative

Please submit this form to: Chief, Environmental Permits Division
MDEQ, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Untitled Map

Write a description for your map.



Legend

- Area 2
- Christian Fellowship Baptist Church
- Feature 1
- Star Cemetery

600 ft

STORMWATER POLLUTION PLAN(SWPPP)

SITE INFORMATION: The mining of dirt and associated roads will disturb approximately 25 acres. This site will be a minimal erosion hazard. This site will drain to the South and South West.

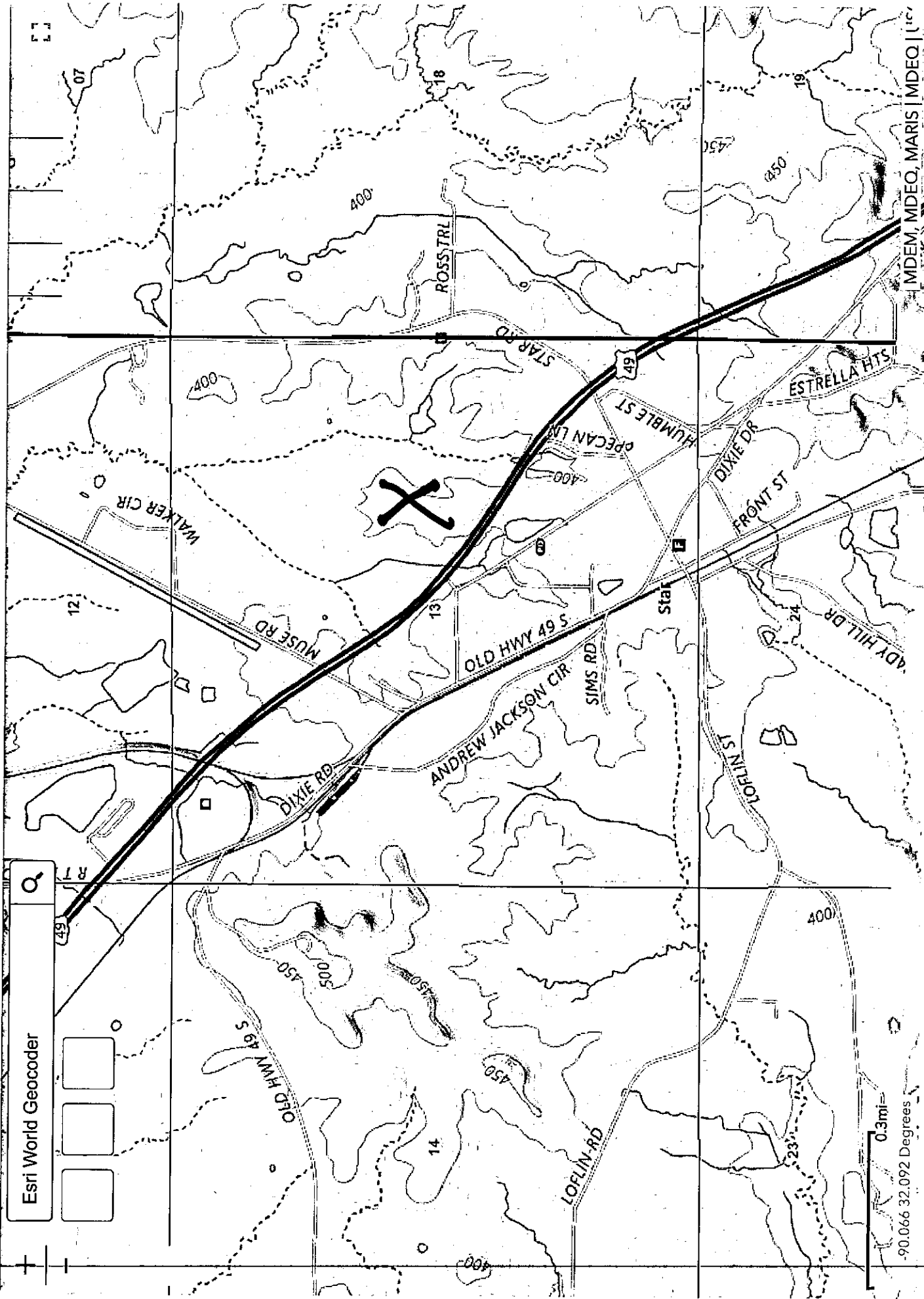
VEGETATIVE CONTROLS: A 50-foot undisturbed vegetative buffer will be maintained around the perimeter of the site. Existing trees will be preserved where possible. All diversions will be seeded within 7 days of construction. Any disturbed areas that will be left undisturbed for 30 days or more will be temporarily seeded with 7 calendar days. After final grading all disturbed areas will be permanently seeded with a mixture of Rye and Bahia seed at 50 pounds per acre immediately. We will keep a tractor and pan on site for this project for reclamation purposes, the reclamation will stay concurrent with the mining.

STRUCTURE CONTROLS: Silt fences and hay and seed will be installed at any stormwater entrances and slopes. All topsoil stockpiles will be immediately temporary seeded and completely surrounded with silt fence. We will mine from South to North in this project so water will be forced to fall South and South West. We are leveling the tops of hills so we will not be disturbing or rerouting any waterways.

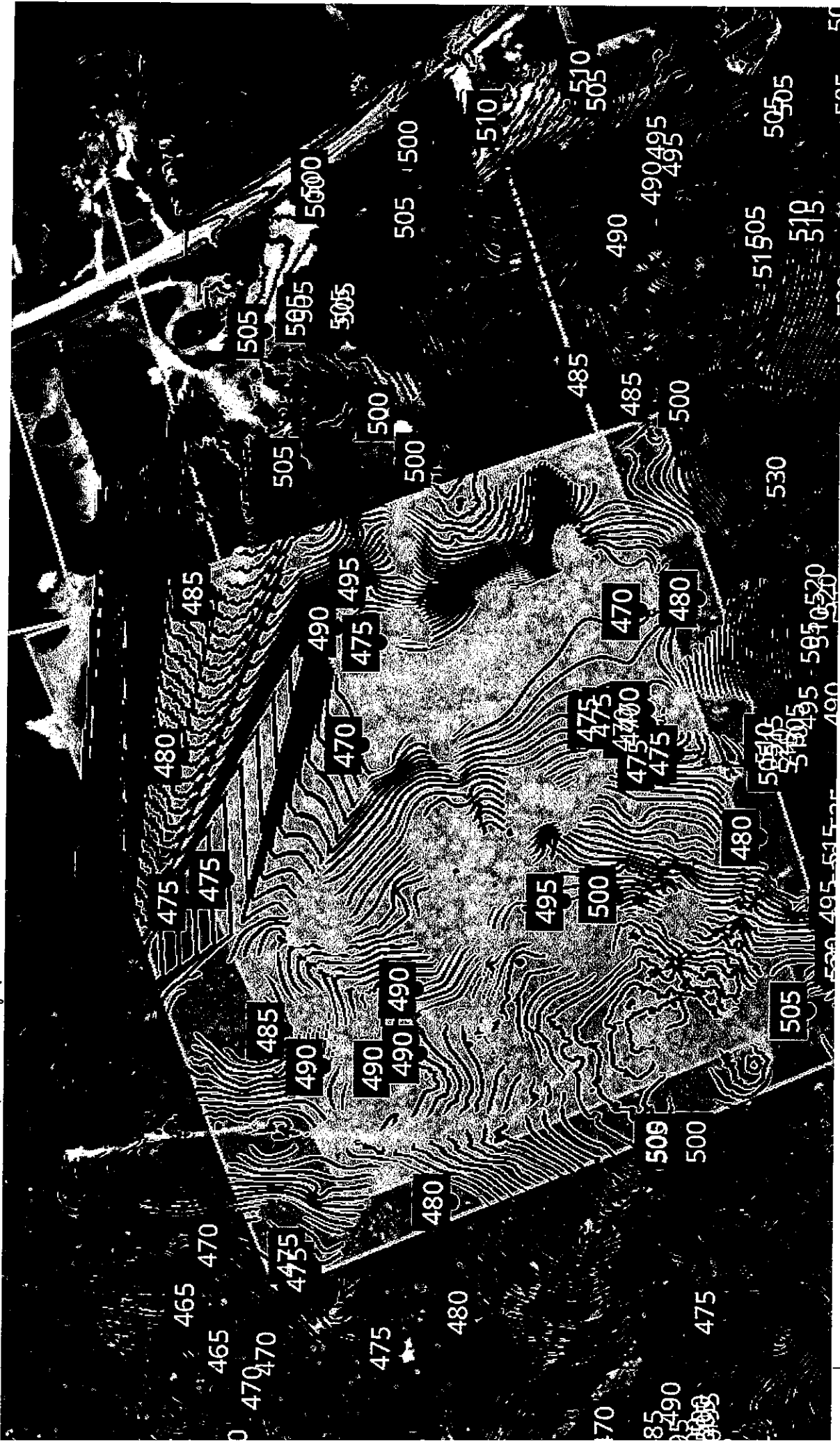
HOUSEKEEPING PRACTICES: All truck and equipment maintenance and repair will be done off site. Trash cans will be placed at accessible locations throughout the site. Toxic materials will not be stored on site. Portable sanitary facilities will be provided for construction workers. There will be no concrete, stucco, washouts construction materials, soaps, solvents, oils, wastewater from sanitary facilities on this project.

POST CONSTRUCTION/STORMWATER MANAGEMENT MEASURES: Grass, hay, rip rap, will be used at any concentrated stormwater discharge points to prevent erosion. **IMPLEMENTATION SEQUENCE:** 1-Build construction entrance/exit It shall be maintained in a condition which will prevent tracking or flow of mud onto public road. This will require periodic top dressing with 1.5-3.5-inch stone. Sweep paved roads daily to remove dirt and stone. See attached. 2-contour and rip rap intermittent drainage. 3-Rough grade site, construct diversions for drainage ways. 4- Install silt fences and hay 5-plant any needed temporary vegetation on disturbed areas. 6-After site is stabilized remove all temporary measures and vegetate these areas.

MAINTENANCE PLAN: Check all disturbed areas and erosion controls after each significant rainfall, but not less than once a week. Make all needed repairs within 24 hours of inspection. Replace all nonfunctional silt fences immediately. Maintain all vegetated areas by reseeding, fertilizing, and mulching as needed. Remove sediment from silt fences when it has reached 1/3 of capacity.



Pre Mine

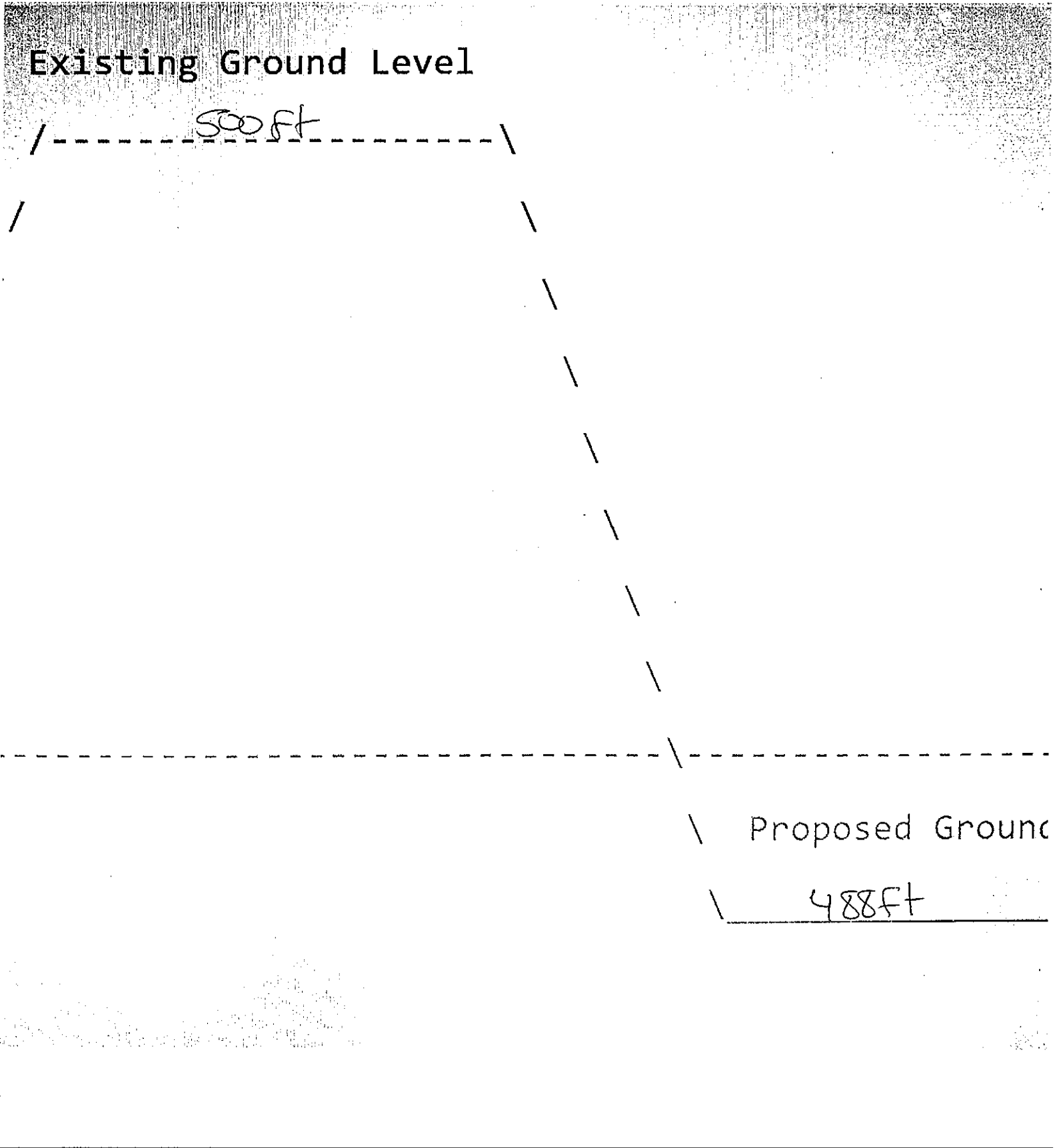


Existing Ground Level

500ft

Proposed Ground

488ft

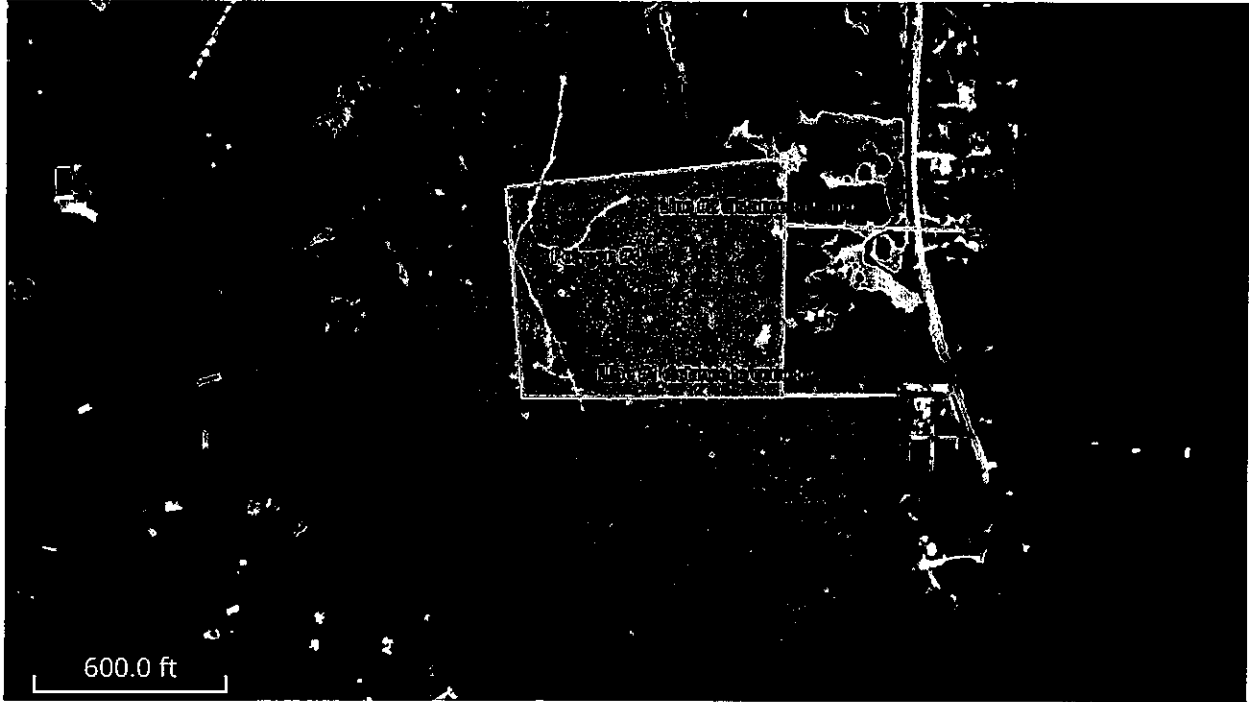


Star Pit

Surveyed 13 Aug, 2024

Generated by
charles williams

Report date
24 Sep, 2024



Summary

Line (2 Items):

Line #2 distance to house, Line #1 distance to cemetery

Polygon (1 Item):

Polygon #4



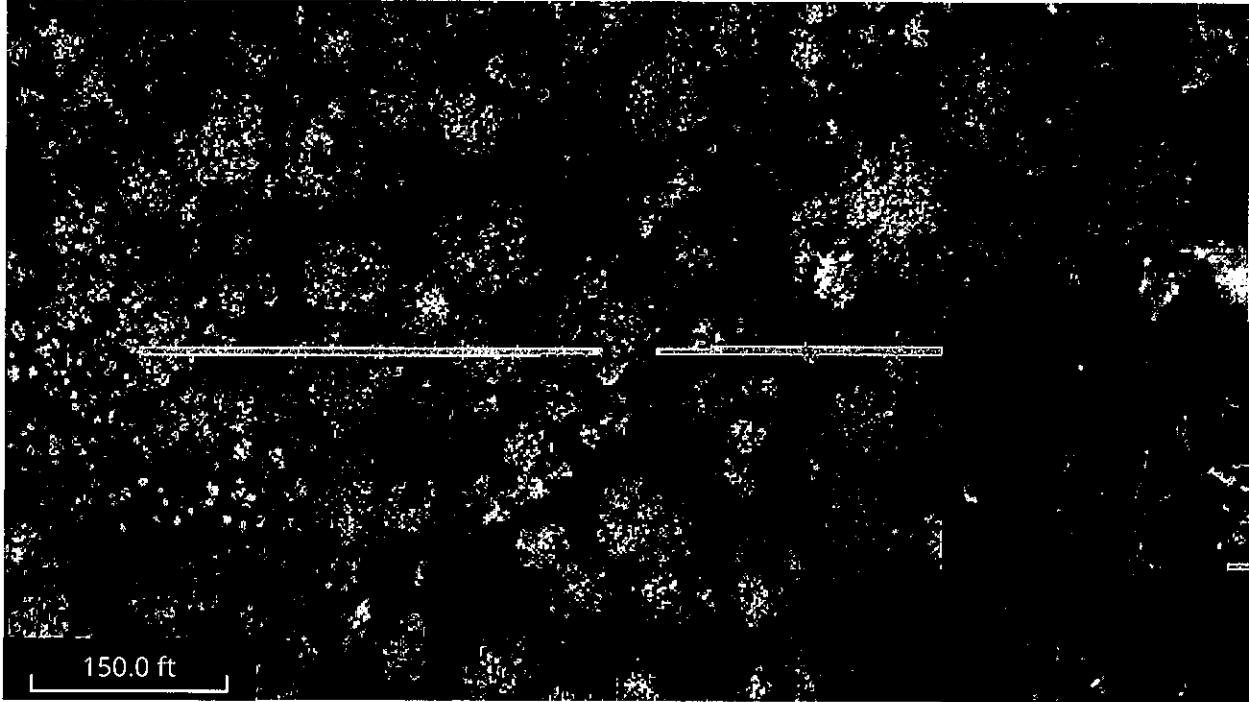
Line #2 distance to house

Surface distance

Measure the distance along a surface including differences in surface elevation over the selected region for survey data or a design model.

13 Aug, 2024 1:04PM

Surface distance 760.428 ft



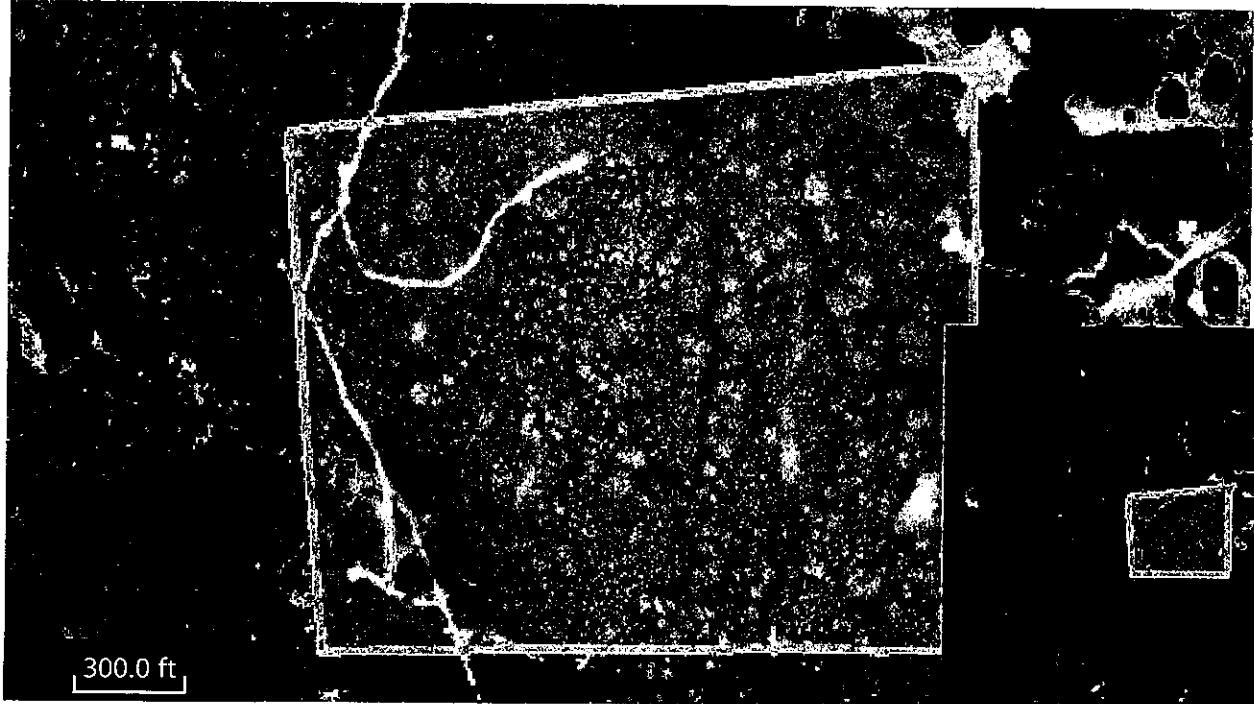
Line #1 distance to cemetery

Surface distance

Measure the distance along a surface including differences in surface elevation over the selected region for survey data or a design model.

13 Aug, 2024 1:04PM

Surface distance 488.084 ft



Polygon #4

Notes

mine area is high lighted 1,088,809 sq ft or 25 acres

Surface area

Measure the area of the volume including differences in surface elevation over the selected region for survey data or a design model.

13 Aug, 2024 1:04PM

Surface area 1,088,809.98 sq ft

Storm water drains South West and South See blue Conbers



NA
↑

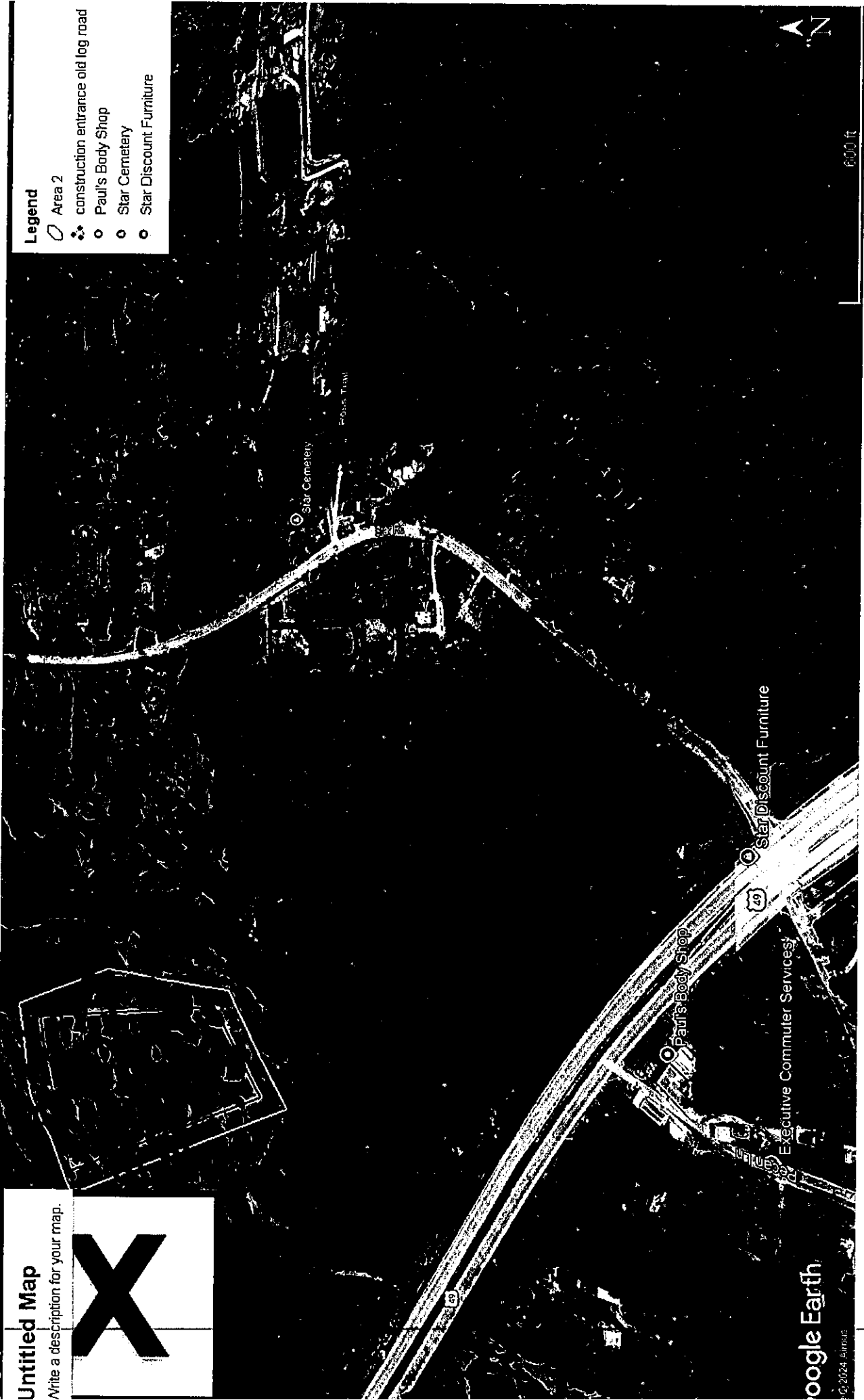
Untitled Map

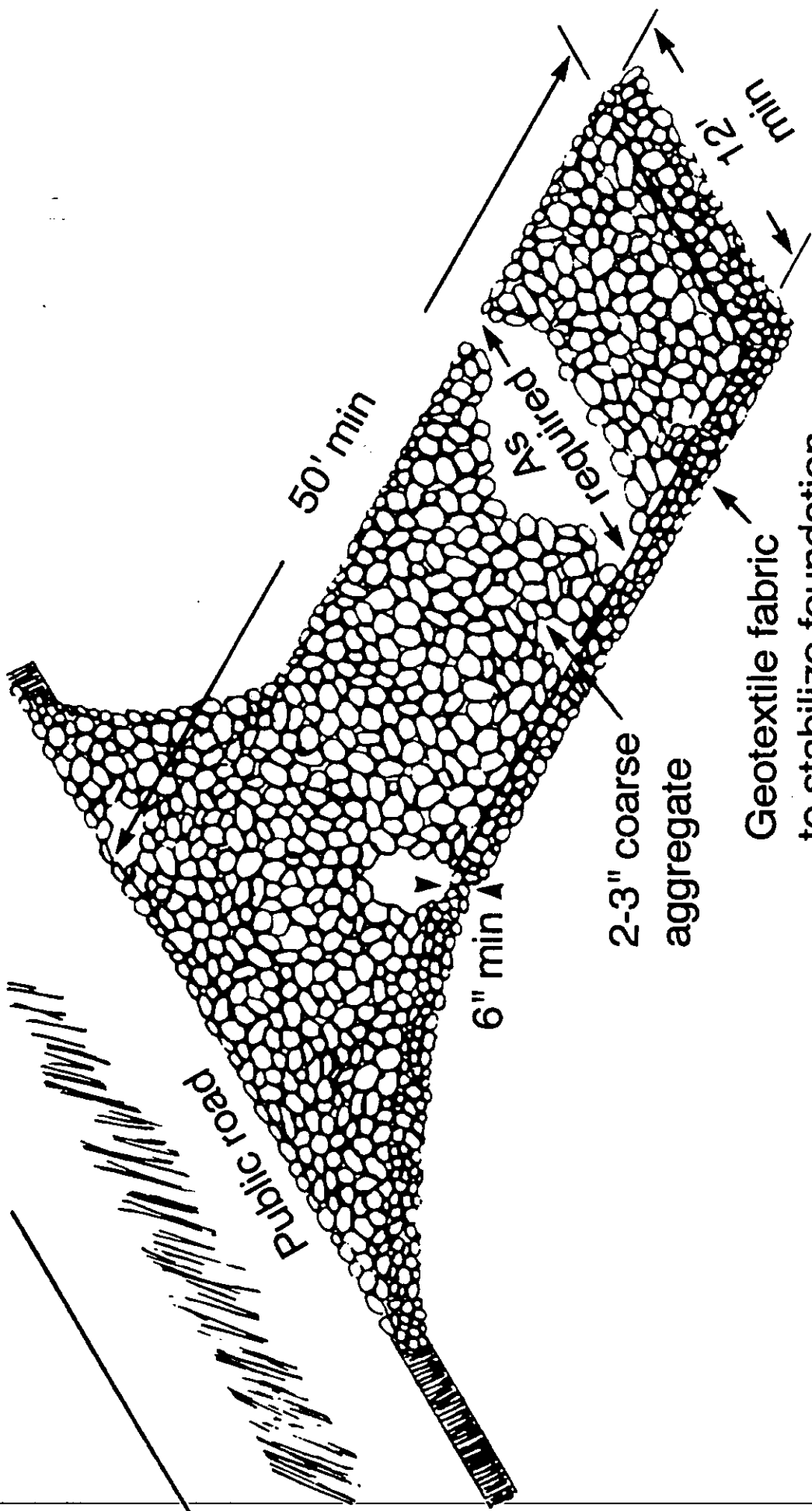
Write a description for your map.



Legend

- Area 2
- construction entrance old log road
- Paul's Body Shop
- Star Cemetery
- Star Discount Furniture





Geotextile fabric
 to stabilize foundation
 (especially important where
 wetness is anticipated)

Untitled Map

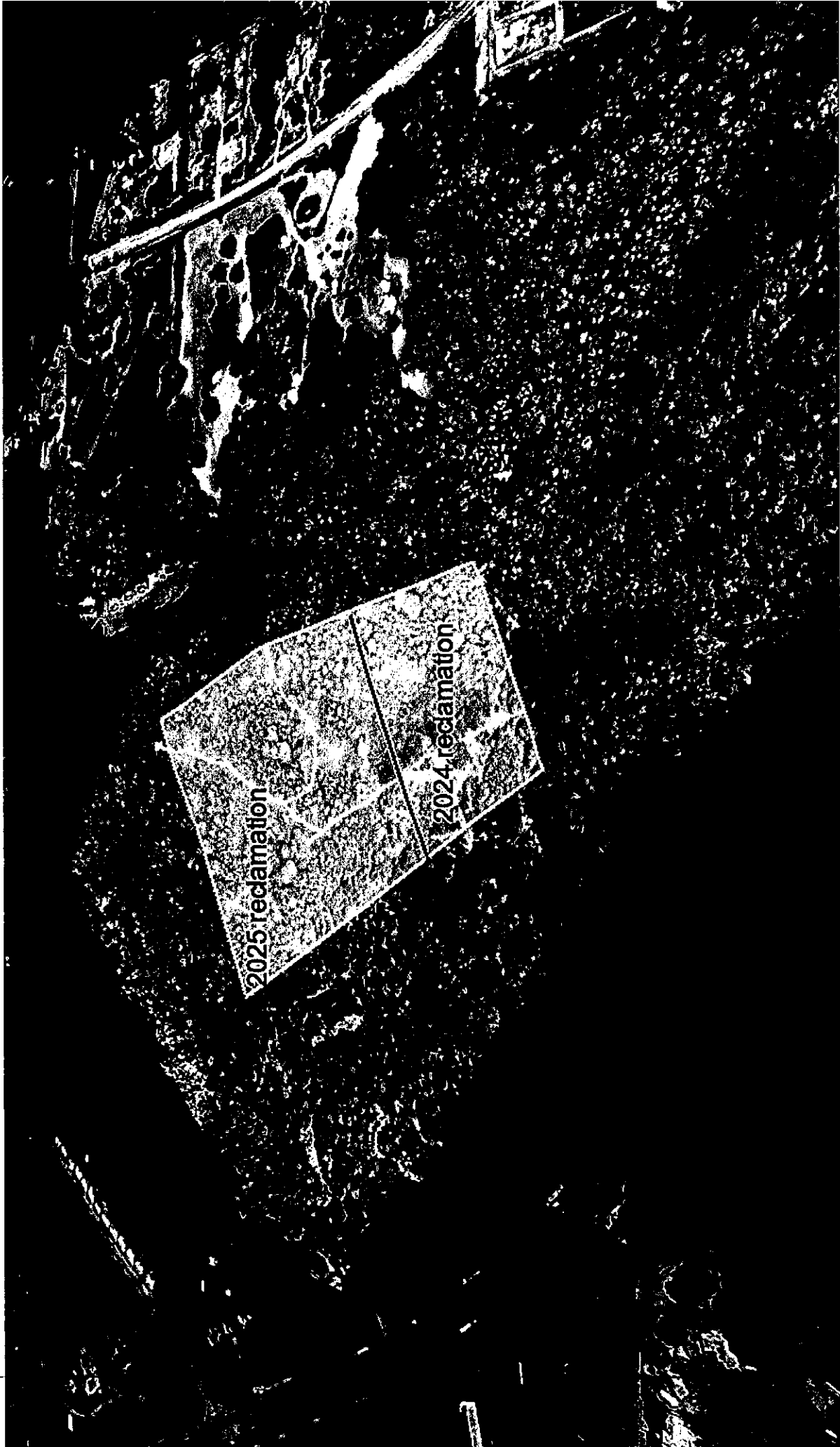
Write a description for your map.



- Legend**
- Area 2
 - Christian Fellowship Baptist Church
 - Feature 1
 - Star Cemetery







2025 reclamation

2024 reclamation



MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

MINING STORM WATER, DEWATERING AND NO DISCHARGE GENERAL PERMIT MSR32

MINING GENERAL PERMIT FORMS PACKAGE

- MINING NOTICE OF INTENT (MNOI) 3
- NOTICE OF EXEMPT OPERATION 8
- SITE INSPECTION REPORT AND CERTIFICATION FORM 10
- MAJOR MODIFICATION FORM..... 12
- REQUEST FOR TRANSFER OF PERMIT, GENERAL PERMIT COVERAGE
AND/OR NAME CHANGE 14
- REQUEST FOR TERMINATION (RFT) OF COVERAGE 17

These standard forms are used to apply for permit coverage under the Mining General Permit (MSR32) and for submittals and record keeping after permit coverage has been granted. The forms are in Adobe format on our website at http://www.mdeq.ms.gov/wp-content/uploads/2016/02/Mining_Forms_Package.pdf Required information can be completed on screen, printed and signed.

General Permit MSR32 does not authorize the discharge of mine process generated wastewater or take the place of an Office of Geology Surface Mining Permit.

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MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 _____
(Number to be assigned by State)**

File at least 30 days prior to the commencement of mining; 15 days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file and mine dewatering is not proposed. Lateral expansion of an existing mine that has general permit coverage requires the submittal of the Major Modification Form, not a new MNOI. However, modification of the existing SWPPP to include the expansion is required. Discharge of storm water or impounded water associated with mining or the operation of a wastewater recirculation system with no discharge without written notification of coverage from MDEQ is a violation of State Law.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Please indicate the activities to be covered by this MNOI (check all that apply).

- Storm Water Discharges Associated with Mining Mine Dewatering
 Wastewater Recirculation System with No Discharge

The appropriate section of the MNOI must be completed if the applicant proposes to discharge storm water, discharge impounded mine water (dewatering) and/or operate a wastewater recirculation system with no discharge.

A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit and a United States Geological Survey (USGS) quadrangle map or photocopy, indicating the site location and outfalls must be included with the MNOI submittal. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523. Additional submittals may include the following (check all that apply).

- Section 404 Documentation Notice of Exempt Operations Form
 Dam/Reservoir Safety Permit or Written Authorization

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)