



STATE OF  
COLORADO

Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>

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## Adequacy Review No 2 TR-02, Cesar Pit, M1998-101 Response

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Jasen Dill <dill.jasen@gmail.com>

Sun, May 31, 2020 at 8:19 PM

To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Cc: Tim Beltramo <tjbsonsinc@aol.com>

Patrick,

Attached is the response to Adequacy Review No. 2, I realized there were some formatting issues when the signed maps were scanned back. I will get these scanned to you as soon as I can, in the meantime this should get you started.

Thank you,  
Jasen Dill



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**Adequacy Review No. 2, Response TR-02, Cesar Pit, 0-1998-101.pdf**

1147K

Tony J Beltramo & Sons, Inc  
1541 Stockyard Rd  
Pueblo, Co 81001  
719-544-4744(PH)  
719-544-0247(FX)



May 27, 2020

Mr. Patrick Lennberg  
Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
Department of Natural Resources  
1313 Sherman St, Room 215  
Denver, CO 80203

**RE: Adequacy Review No. 2, Response TR-02, Cesar Pit, M-1998-101**

Dear Mr. Lennberg,

Please find the following responses to the adequacy items addressed your secondary review.

*1. Note all maps must meet the minimum requirements of Rules 6.2.1(2), 6.4.3, 6.4.4, and 6.4.6. Specifically each map needs to be signed and dated by a qualified person.*

Maps have been updated and signed by the permittee, Tim Beltramo. See attached.

*2. Please clarify if the highwalls are left in Parcels M1 and M2 will they allow stormwater to be impounded for longer than 72 hours.*

Historically stormwater infiltrates in less than 72 hours. The pit floor will be graded to not allow deep ponding of water to promote even infiltration. Additionally, the “no mining” area between M1 and M2 is a drainage arroyo, if conditions presented that would cause stormwater to be impounded for longer periods of time then drainages could be cut and protected with appropriate BMP’s.

*3. Please clarify if the highwalls, being so close to the permit boundary, will have to be reclaimed by hauling material to the area and pushing up the material using a dozer or similar to achieve the 3:1 slope.*

Stockpile locations are identified on the mining plan map as a “worst case” scenario. Overburden/topsoil will be stockpiled and graded along highwalls as mining progresses. The highwalls along the permit boundary will have to be reclaimed by hauling material to the area and then pushed up with a dozer.

*4. Please clarify where the topsoil and overburden stockpiles will be located and indicate on the Mining Plan Map. This location will be used to calculate hauling distance for backfilling and topsoil placement in the bond calculation.*

Stockpile locations have been included on mining plan map. See attached.

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Note these locations are a “worst case” scenario, centrally located within the mining area. Overburden/topsoil will be stockpiled and graded along highwalls as mining progresses. Excess overburden will be sold or incorporated in construction projects as available.

5. *If topsoil stockpiles are left in place for longer than 180 days please commit to seeding the piles with the approved reclamation seed mix to help prevent erosion and build up the seed bank within the soil.*

Stockpiles left in place for longer than 180 will be seeded to prevent erosion and build up the seed bank within the soil.

However is it anticipated that overburden/topsoil will be stockpiled and graded along highwalls as mining progresses. Excess overburden will be sold or incorporated in construction projects as available.

6. *Please indicate on the Reclamation Map where the rip-rap consisting of rubblized concrete are anticipated to be located.*

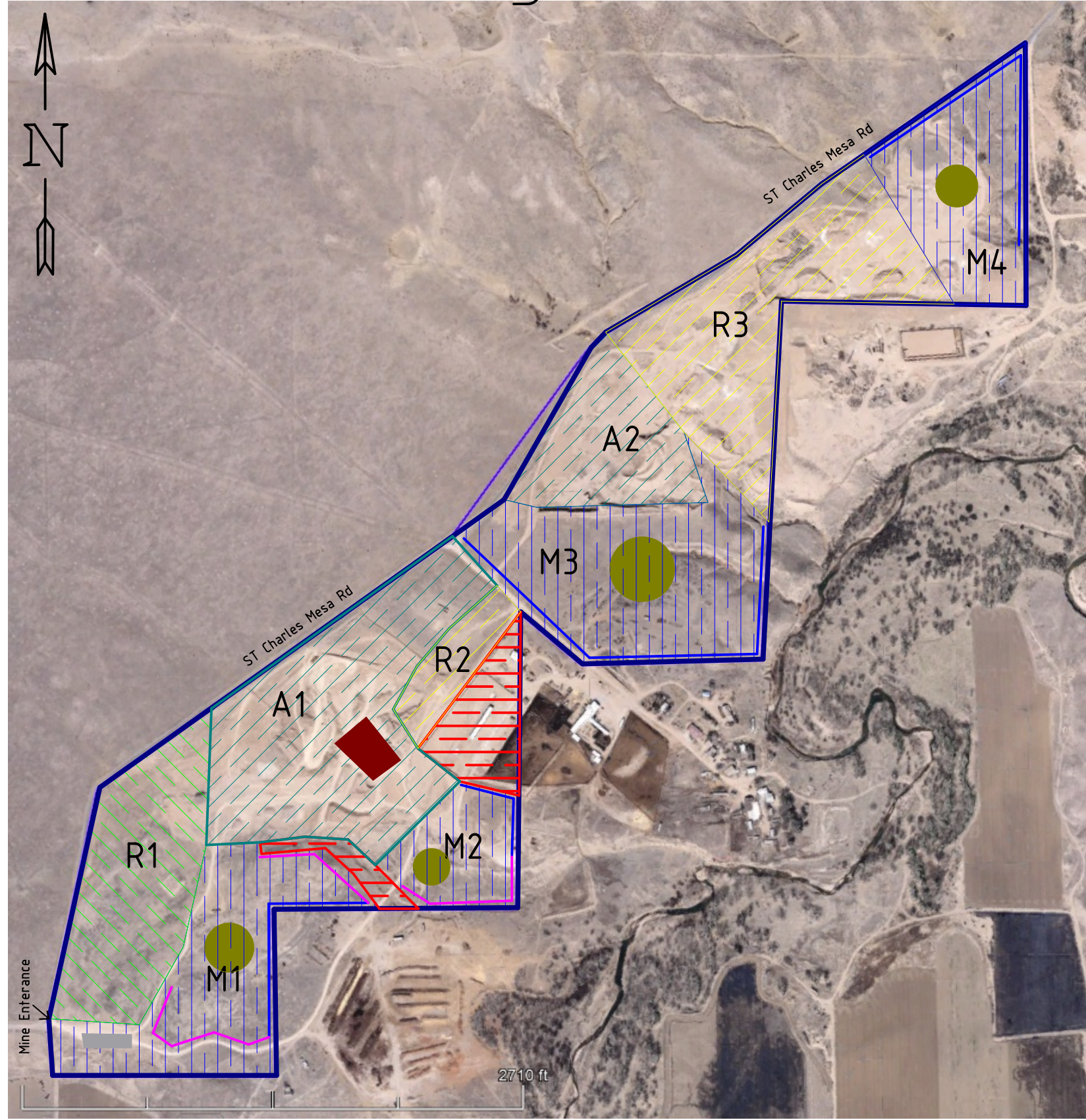
Rubblized concrete, size K or L, will be use to prevent erosion at all locations where arroyos or other naturally occurring storm drainage enter or exit the site. Locations for rubblized concrete have been updated on the reclamation plan map. See attached.

Regards,

Tim Beltramo  
President  
Tony J Beltramo & Sons, Inc

Attachments:  
Mining Plan Map dated 5/27/2020(1)  
Reclamation Plan Map dated 5/27/2020(1)

# Cesar Mining Plan M-1998-101



**Legend**

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 Permit Boundary

Affected Area

Future Mining

No Mining

Area in Final Reclamation

Interm Reclamation Area

Crushing Spread

Scale House

10' Highwall

20' Highwall

Approximate Stockpile

Mining Plan Narrative:

Areas to be mined will have overburden/topsoil stripped by dozer or scraper and stockpiled for use in reclamation. Materials will be extracted by wheel loader or excavator. Highwalls are anticipated along permit boundaries varying in heights up to approximately 20 feet.

The northeast mining area will be accessed via St Charles Road as to not affect adjacent areas in interm reclamation. Wheeled travel shall be restricted for areas in reclamation.

Areas marked affected are used for materials stockpiling and processing operations.

The areas in yellow have been brought to final grade and seeded at this time. The area in green is in final reclamation and anticipated to be released in 2020.

Future mining areas to be sloped, scarified and seeded at their completion.

Areas marked non mining areas are the corrals and the drainage in the south westerly area of the mine.

Mining Plan Qantity Summary:

M1 ~22.4 acres and 2,925lf of highwall ranging from 10 to 20' high.

M2 ~8.9 acres and 1,450lf of highwall ranging from 10 to 20' high.

M3 ~28.5 acres and 2,875lf of highwall ranging from 10 to 20' high.

M4 ~17.7 acres and 2,010lf of highwall ranging from 10 to 20' high.

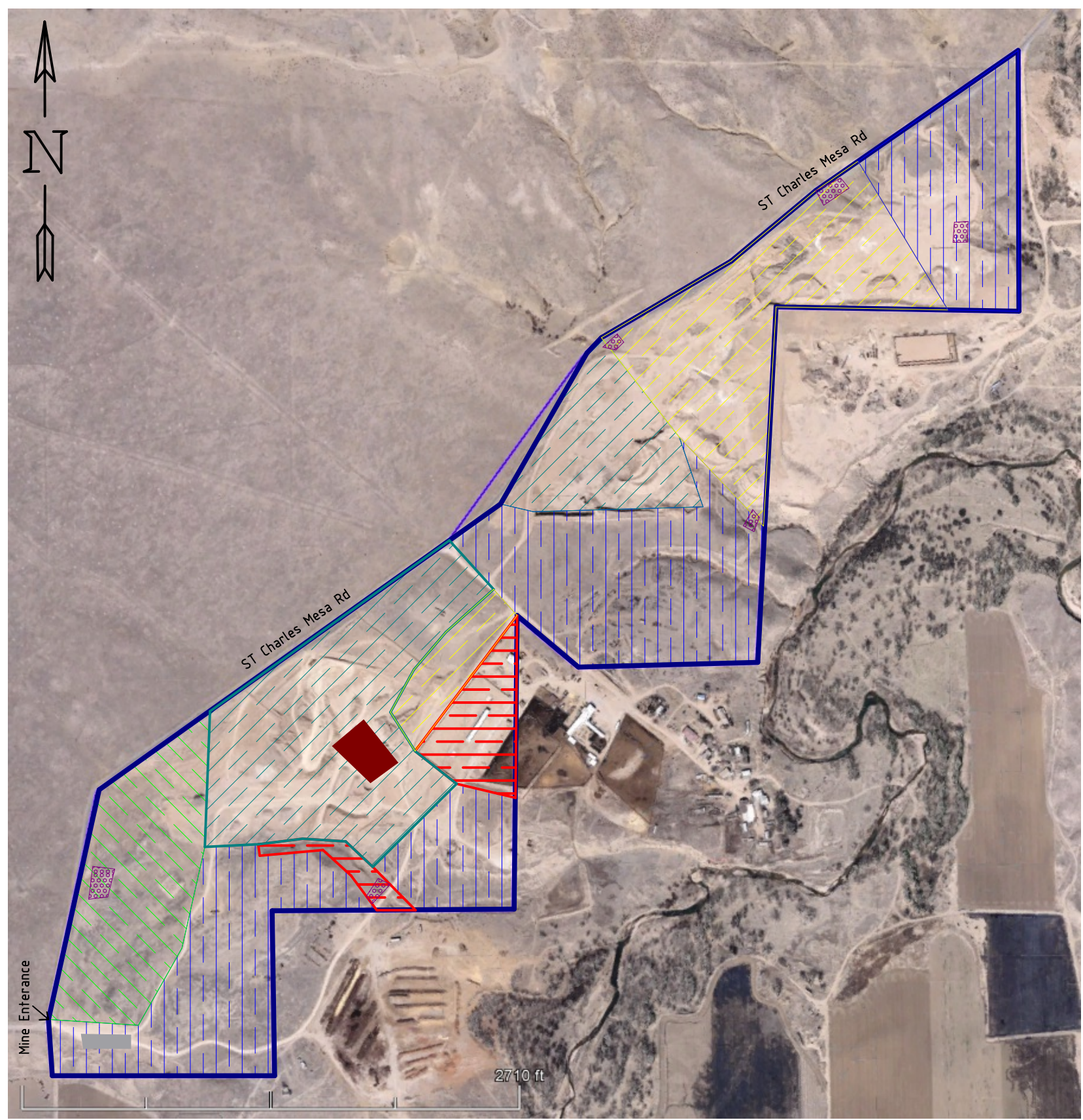
Highwall quantities are approximate and may vary based on topography.

Tony J Beltramo & Sons, Inc

05/27/2020

Reviewed by: \_\_\_\_\_

# Cesar Reclamation Plan M-1998-101



## Legend

- |                   |                           |
|-------------------|---------------------------|
| — Permit Boundary | Area in Final Reclamation |
| Affected Area     | Interm Reclamation Area   |
| Future Mining     | Crushing Spread           |
| No Mining         | Scale House               |
| Rip Rap           |                           |

### Reclamation Narrative:

Cover crop will be established rather than crimped mulch to provide protective seed cover for native species to become well established per the reclamation plan.

An outline of the sequence in which each stage or phase of reclamation will be carried out:

- Grade pit floor
- Topsoil 4" - 8" - average 6"
- Scarify if necessary
- Fertilize if necessary
- Drill seed
- Mulch if necessary

The pit floor will be left level with possibly a slight pitch to the south. There will be little to no backsloping as the operation consists solely of removing the tops of some knolls. The only backsloping anticipated will be along the permit boundaries where the adjacent topography dictates.

Grading will consist of minor undulation, with rougher surfaces preferred over smooth, 1 compacted areas prone to runoff. Soil types throughout the site will be retested upon final grading of areas to be reclaimed and seed mixes, including cover crop seeding, will be subject to further consultation with the soil conservation service and local seed companies to optimize results. Cover crop will be mowed to a height of 1-2 feet annually, and before reclamation seeding.

All slopes will be finished 3:1. Rip-Rap consisting of rubblized Concrete (size L or K) will be placed for erosion control at locations where arroyos enter and exit the property.

The weed control plan includes recent action to remove tamarisk plants within permitted boundary and any other noxious weeds encountered.

The final land use for all portions of the affected lands will be agricultural grazing and ranching.

Surrounding land uses in this vicinity are agricultural with a commercial solar power and industrial power plant nearby.

Total area of permit acreage will be 180 ac

The expected physical appearance of the area of affected land will include temporary stockpiles of material being mined, topsoil reserves, and manageable, safe slopes to prevent hazards and site erosion.

The northeast mining area will be accessed via St Charles Road as to no affect adjacent areas in interm reclamation. Wheeled travel shall be restricted in areas in reclamation.

Areas marked affected are used for materials stockpiling and processing operations.

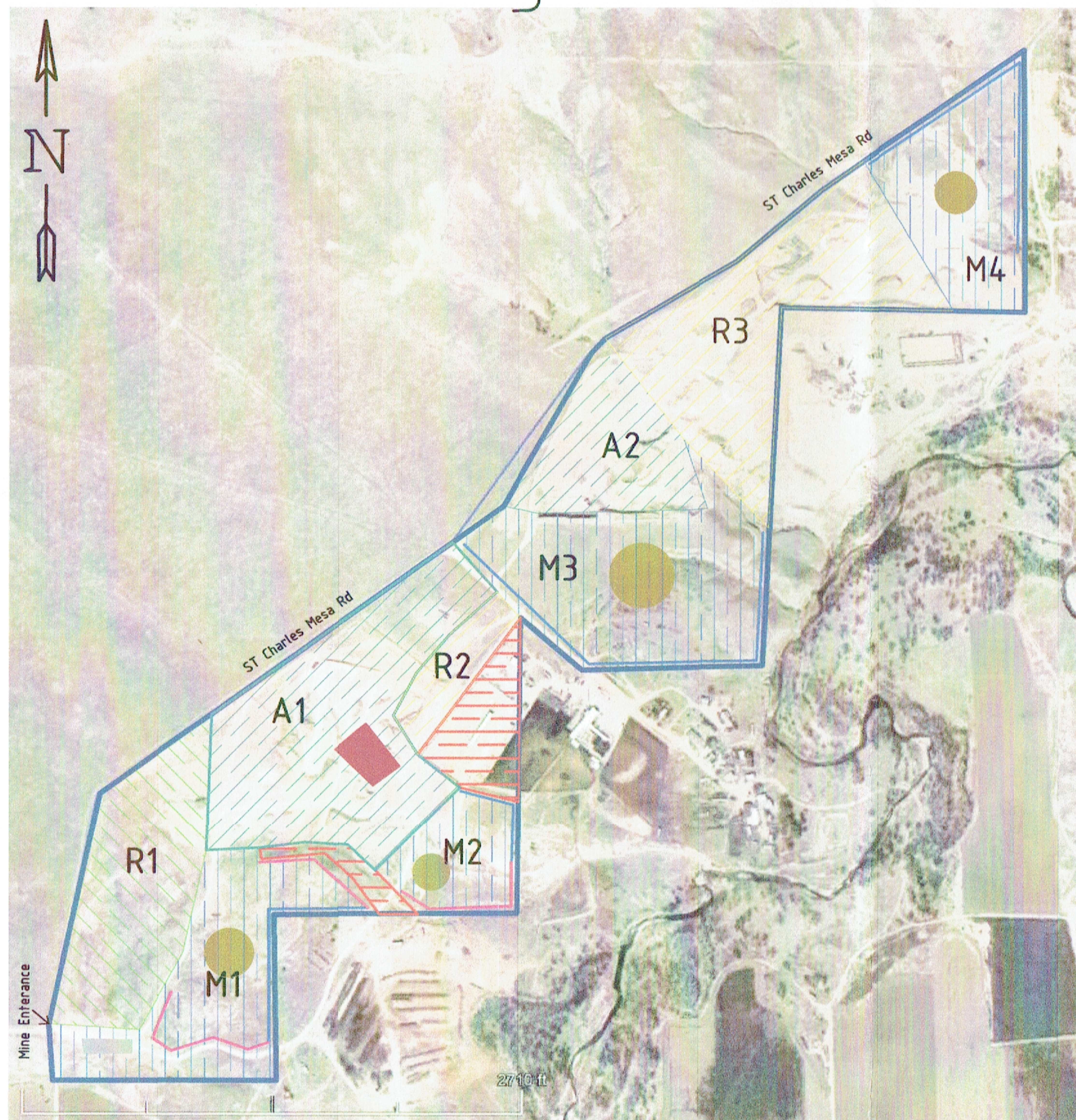
The areas in yellow have been brought to final grade and seeded at this time. They will be maintained and monitored for adequate growth and extermination of noxious weeds. These areas total approximately 34 acres.

The area in green is in final reclamation and anticipated to be released in 2020. This area accounts for approximately 21 acres.

Tony J Beltramo & Sons, Inc  
05/27/2020

Reviewed By: \_\_\_\_\_

# Cesar Mining Plan M-1998-101



## Legend

- Permit Boundary
- Affected Area
- Future Mining
- No Mining
- Area in Final Reclamation
- Interm Reclamation Area
- Crushing Spread
- Scale House
- 10' Highwall
- 20' Highwall
- Approximate Stockpile

## Mining Plan Narrative:

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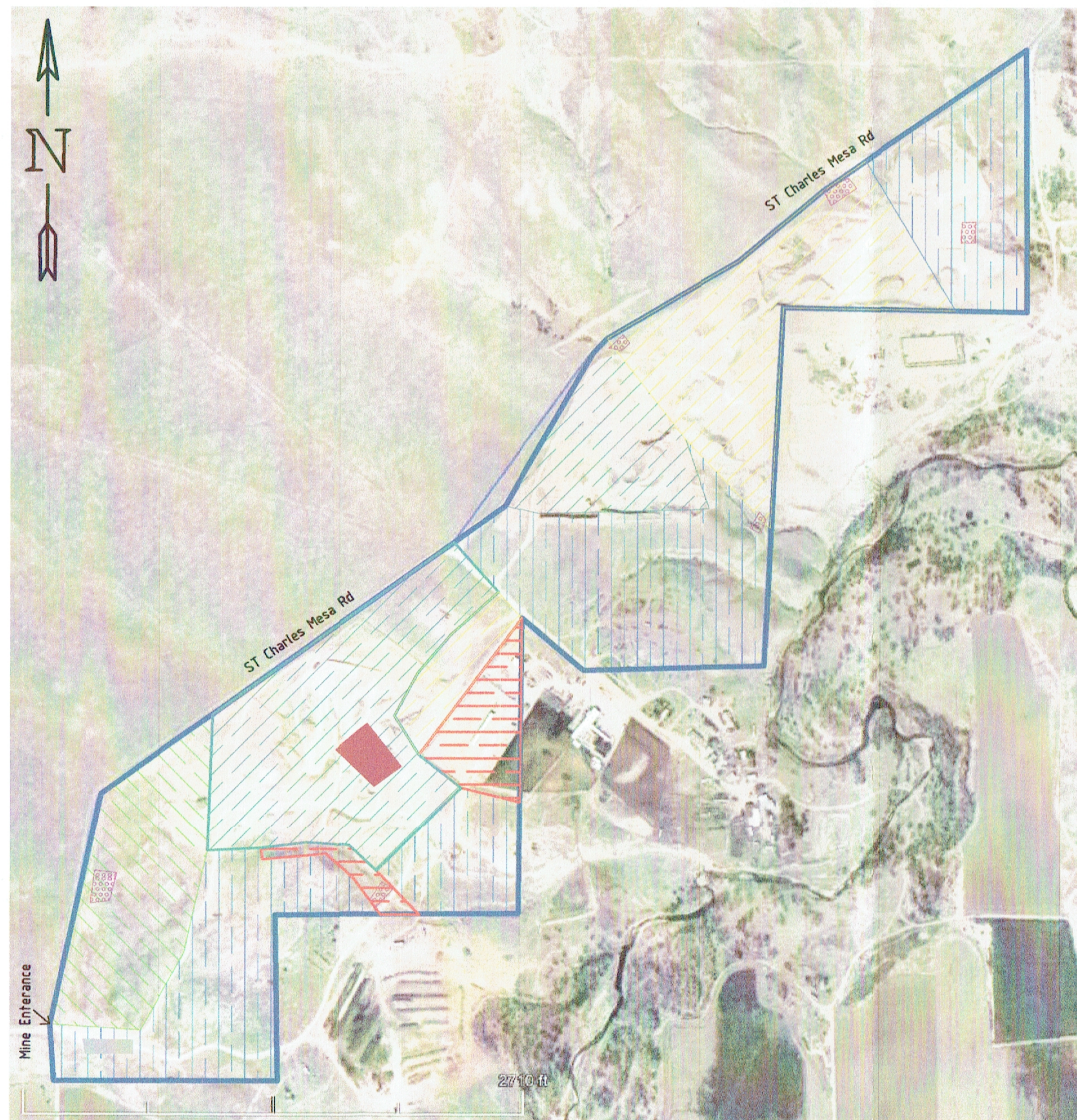
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**Tony J Beltramo & Sons, Inc**

05/27/2020

Reviewed by: Tim Beltramo

# Cesar Reclamation Plan M-1998-101



## Legend

— Permit Boundary	Area in Final Reclamation
Affected Area	Interm Reclamation Area
Future Mining	Crushing Spread
No Mining	Scale House
Rip Rap	

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