

Minara Resources Murrin Murrin Operations



Murrin Murrin Aboriginal Environmental Liaison Committee Meeting 15 December 2020



Agenda

- **Community Update**

- Core Business
- MCF

- **MMO Update**

- Market Update
- Budget Priorities 2020

- **Environment Presentation**

- Approvals
- Irwin Hills Project
- Mine Closure and Rehabilitation
- 2020 Activities

Community

We continued our long-term community relationships.

COVID-19 impacted our community flights. Only 76 flights (Q1)

Community Spend \$222,747 plus the \$250,000 contribution to the Minara Community Foundation (\$472,747)

Highlights include - \$70,000 in regional school support
Laverton Dog Exercise Park - \$20,000
Cultural Programs, Activities and Planning - \$37,500



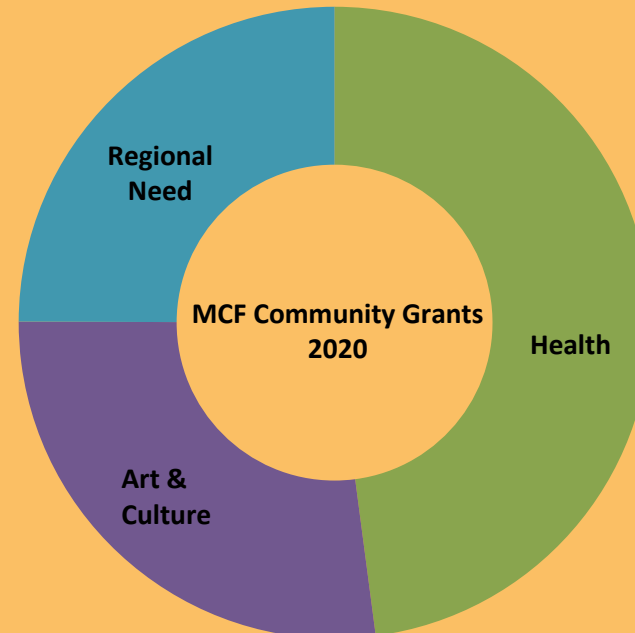
MINARA
COMMUNITY FOUNDATION

MINARA COMMUNITY FOUNDATION UPDATE

Benefits northern Goldfields local communities
LAVERTON-LEONORA-MENZIES

**MORE THAN \$2.4 MILLION IN GRANTS,
OVER 120 COMMUNITY PROJECTS SUPPORTED**

Education and youth engagement
Health
Environment
Regional economic development
Indigenous Culture and heritage



2020
• 1 grant round,
total \$121,613

MMO Update



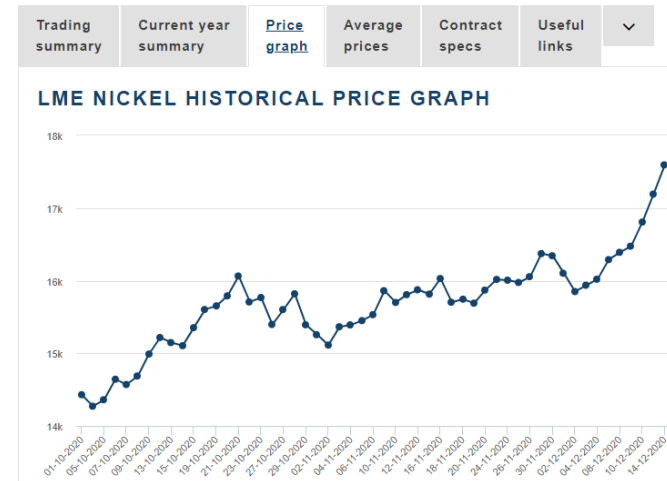
Market Update

Business conditions so far in 2020.

- Average nickel price to date this year = \$13,638.66 USD/t
- Average cobalt price to date this year = \$15.29 USD/lb
- Average AUD/USD to date this year = \$0.6872

- Recent jump in Nickel Price

LME NICKEL



Source: <https://www.lme.com/en-GB/Metals/Non-ferrous/Nickel#tabIndex=2>

Budget Priorities 2021

- Completion of annual and major shutdown
- Execute ongoing mine fleet renewal
- Ramp-up the planning and establishment of the Irwin Hills project
- Continue development of the plant operational reliability programme
- Continue to deliver process improvement plan
- Continue the structural remediation programme
- Deliver the required capital projects

Environment



Approvals

Granted

- Mining Proposal and Works Approval (DMIRS & DWER)
 - New landfill location
 - Increase dewatering limit at Murrin Murrin East
 - Include new pit in existing dewatering network at Murrin Murrin East

In Progress

- Licence Amendment (DWER)
 - Dispose of tyres in pits at Murrin North
 - Heap leach pond
 - Chemical disposal area – Tailings Dam
- Works Approval (DWER)
 - 17 Series in pit TSF
- Mining Proposal (DMIRS)
 - Development at Murrin Murrin for the next three years
 - Minimal clearing – pit development of cleared grade control areas, using existing cleared area for waste dumps (eg backfilled pits)

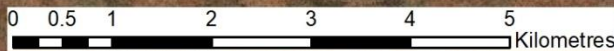
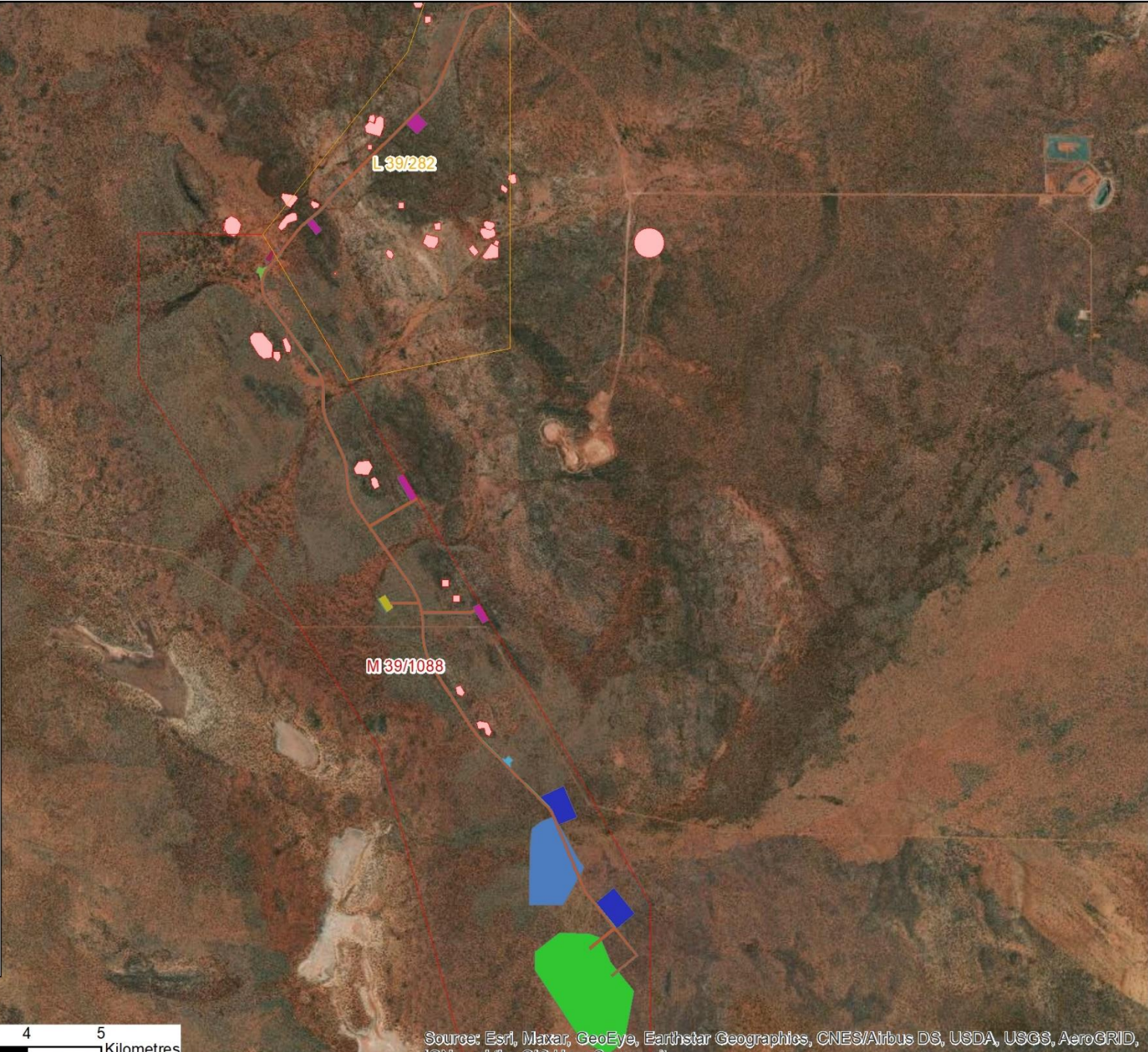
Irwin Hills

Update

- Potential new project area about 80 km south-east of Laverton
- Completed Aboriginal heritage surveys in August and September 2019
- Fauna surveys completed in September 2019 and March 2020
- Flora surveys completed in October 2019, March 2020 and September 2020
- No treatment or crushing of ore onsite, planning to transport ore from Irwin Hills to Murrin Murrin for processing
- Exploration lines cleared in January 2020 and rehabilitated in August 2020
- Clearing for grade control drilling, topsoil stockpiles and drilling camp planned for March 2021
- Currently preparing a Mining Proposal, Mine Closure Plan and Native Vegetation Clearing Permit

Legend

- Aboriginal Heritage Sites
- Proposed Clearing**
- 61 North GC
- 61 South GC
- Access Haul Road
- Access Road Borrow Pit
- Camp Topsoil
- Drilling Camp
- GC Topsoil
- Laydown Access
- Northern Turkeys Nest
- Southern Turkeys Nest
- Topsoil
- Turkeys Nest Topsoil
- Tenements**
- Mining Lease
- Miscellaneous Licence



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

2021 Environment Focus

- TSF rehabilitation trial
- Approvals for Irwin Hills
- New input TSF Approval
- Progressive rehabilitation





Questions?

