



SAYABOULY PROJECT - LAOS

June 2020

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The information in this presentation that relates to exploration targets, exploration results, mineral resources or ore reserve is based on information compiled by Mr Shane Pike, PGeo., who is a Member of Australian Institute of Mining and Metallurgy. Mr Pike is CEO of Mekong Minerals Limited and it is intended he be appointed CEO of the Company. He has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Pike has consented to the inclusion in this report of the matters based on his information in the form and context in which they appear.

Previous Disclosure - 2012 JORC Code

Information relating to Mineral Resources, Exploration Targets and Exploration Data associated with the Company's projects in this announcement is extracted from the following ASX Announcements:

- ASX announcement titled "Acquisition of Highly Prospective Sayabouly Project", dated 17th July 2019";
- ASX announcement titled "Petrology confirms nickel, cobalt and copper sulphides at the Phu Lon Prospect, Laos", dated 25th November 2019;
- ASX Announcement titled "Phu Lon Nickel Update Layered massive sulphide intersected, assays pending", dated 8th April 2020; and
- ASX Announcement titled "Becker Gold Project", dated 4 October 2018.

A copy of such announcements is available to view on the Santana Minerals Limited website www.santanaminerals.com. This reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

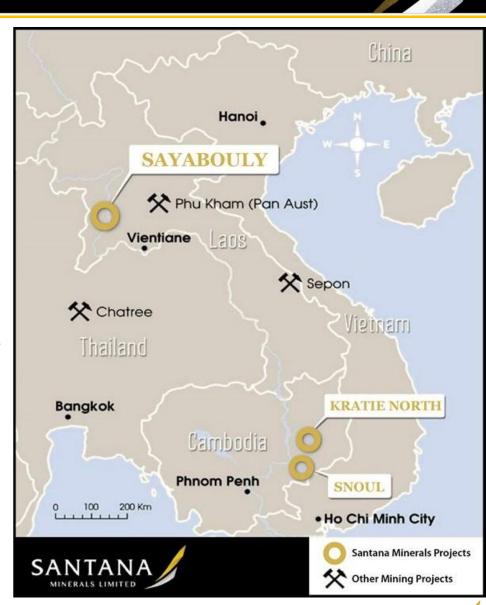
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Sayabouly Project

- Sayabouly Project (75%) potential significant nickel discovery to be made.
- Sayabouly Project located in Laos mining friendly district – host to Phu Kham and Sepon Operations.
- License area 488km² expiring (and renewable) May 2021.

 The projects well positioned to the current nickel and gold prices.



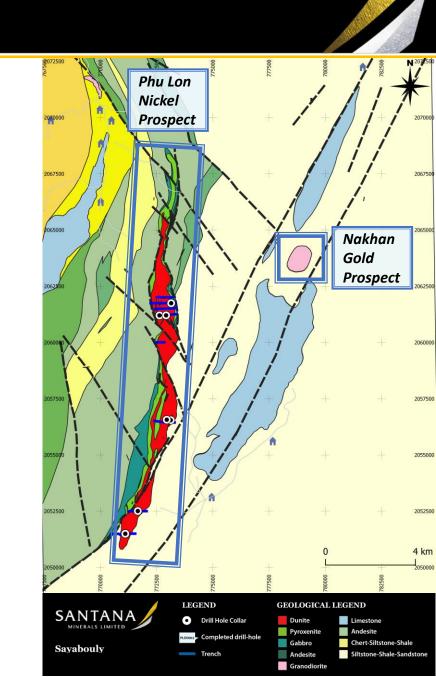


Sayabouly Project - Summary

- Two Priority Exploration Prospects:
 - 1. Phu Lon Nickel, Platinum, Cobalt and Chromium mineralisation, within ultramafic intrusion. Main exploration focus; and
 - 2. Nakhan Gold mineralised veins.
- License area 488km² expiring (and renewable) May 2021.

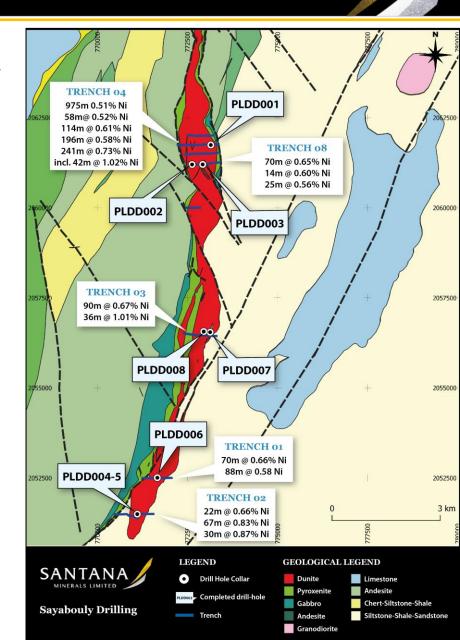
 Excellent all-year round access – sealed highway passes project.

 Additional regional gold and base metal targets requiring further investigation.



Phu Lon Nickel Prospect

- Potential for a substantial magmatic sulphide discovery
 Nickel, Platinum, Cobalt, Copper Chromium.
- Nickel mineralised ultramafic package with 14km strike length and 1km wide.
- Significantly mineralised trench results.
- Maiden drill program intersected layers of magmatic sulphides in holes PLDD006 and PLDD008.
- Intersections of sulphides highly encouraging: indicates sulphur added to intruding magmatic fluids and able to form sulphides.
- All holes intersected secondary mineralisation at surface.
- Exploration concept similar to Jinchuan (China).
 - One of the world's largest magmatic sulphide deposits (dunite hosted).
 - +500 Mt @ 1.2% nickel, 0.7% copper, 0.4g/t PGEs.



Phu Lon Nickel Prospect – Drilled layers of sulphides

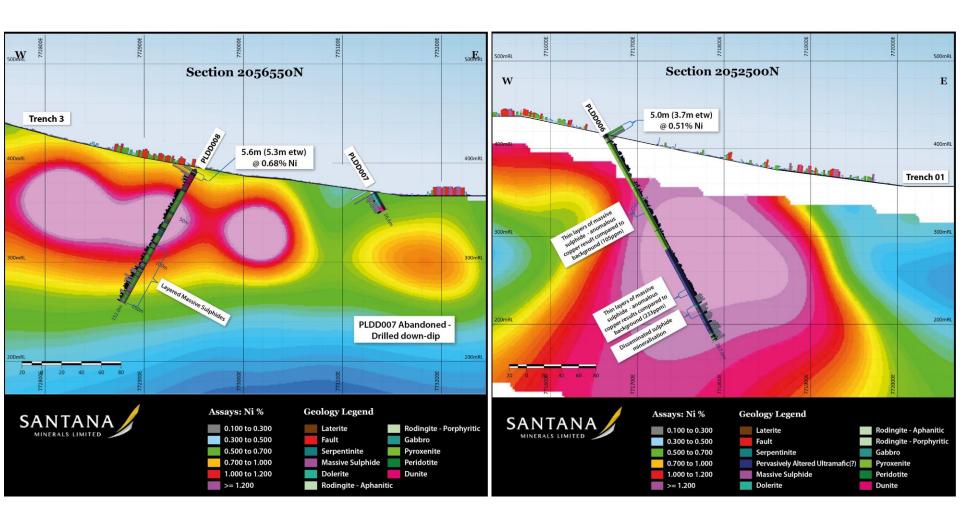


PLDD006 Sulphide Intercepts

PLDD008 Sulphide Intercepts

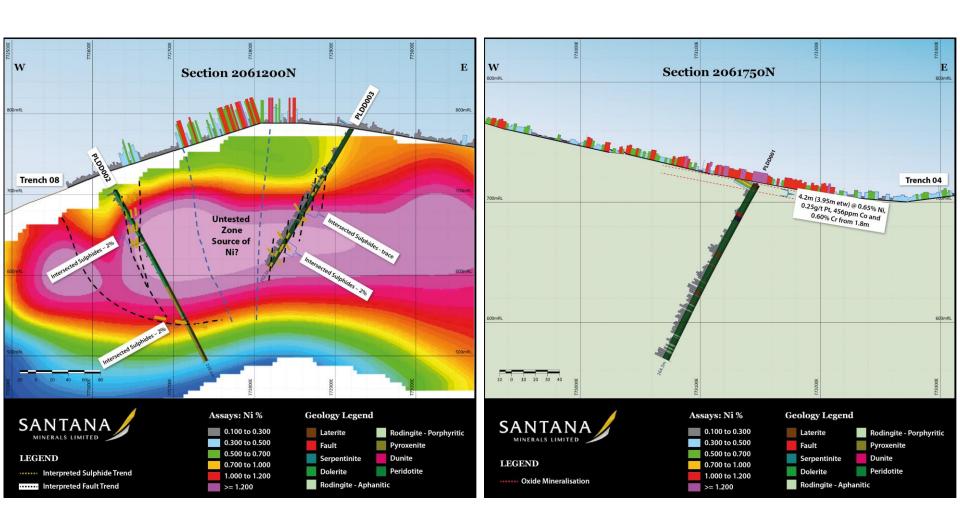


Phu Lon Nickel Prospect – Drilled layers of sulphides



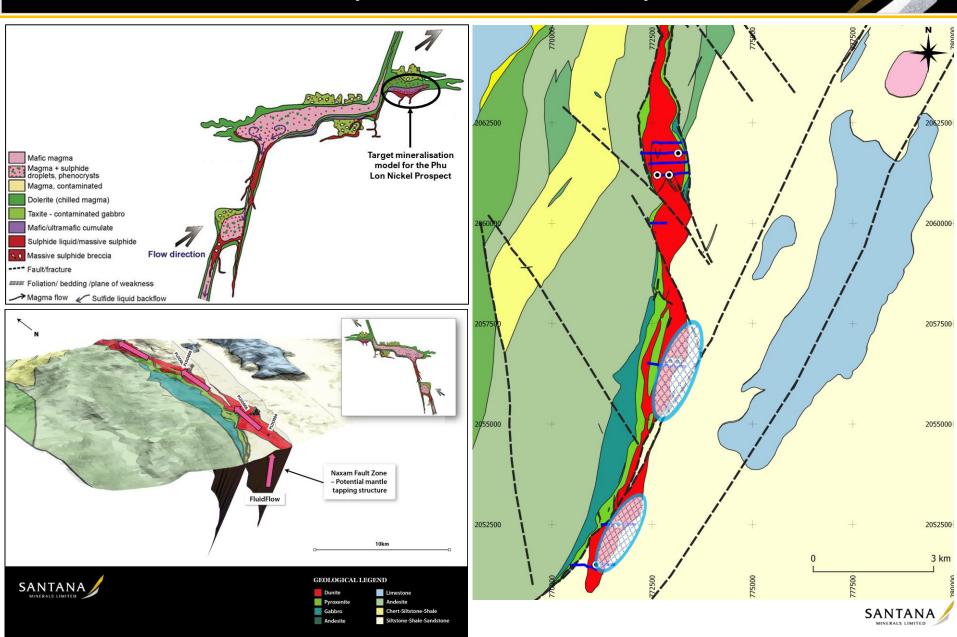


Phu Lon Nickel Prospect – Northern Area



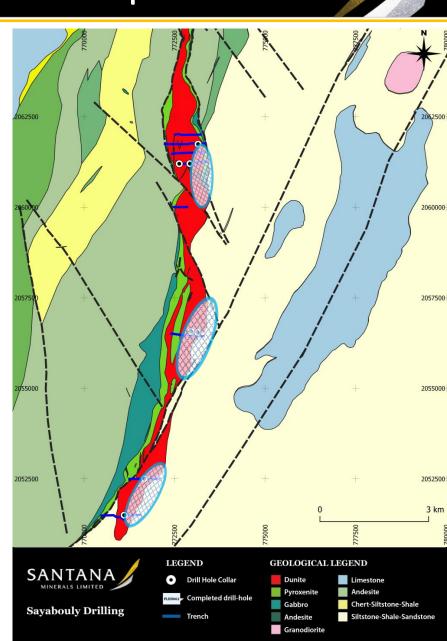


Phu Lon Nickel Prospect – Further Exploration

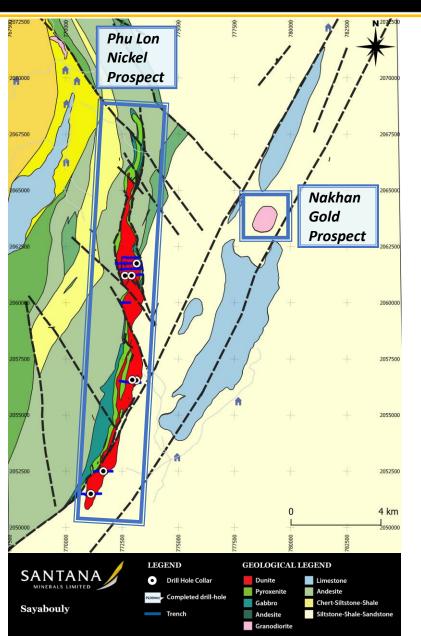


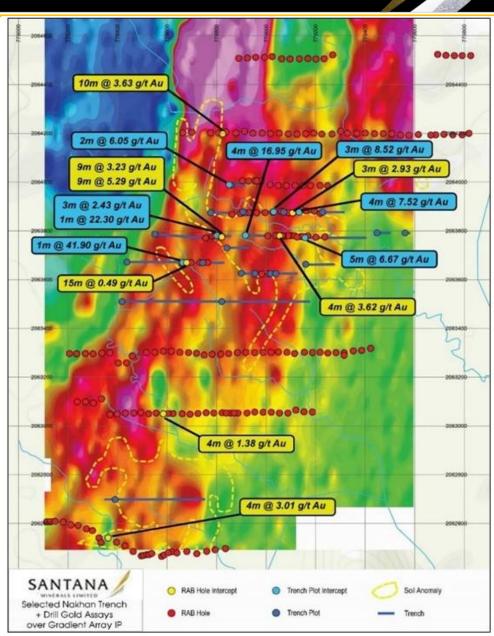
Phu Lon Nickel Prospect – Further Exploration

- Relogging holes to be completed with reference to assay results once COVID-19 containment restrictions ease.
- Niche sampling and assaying of massive sulphide layers to be completed.
- Petrological analysis to be completed on these sulphide layers to understand mineralogy.
- Electromagnetic (EM) Surveys to be completed, to define massive sulphide mineralisation at depth.
- EM survey to be completed over two high priority targets, centred over layered sulphide intersections of PLDD006 and PLDD008
- Further drilling will be completed on anomalous EM
 features



Secondary Target – Nakhan Gold





Nakhan Gold – Secondary Target

•	Provides additional	exposure to	gold mineralisation.
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- Ore grade trench and RAB drilling results.
- Drilling only shallow to date.
- Gold mineralisation is intrusive.
- Open at depth and along strike with shallow cover.

Trench	From (m)	Intercept (m)	Gold (g/t)
6-2	165.0	4.0	16.95
9-0	3.0	5.0	6.67
10-0	99.0	3.0	8.52
10-1	3.0	4.0	7.52

RAB Hole	From (m)	Intercept (m)	Gold (g/t)
8	14.0	9.0	5.29
71	10.0	9.0	3.23
86	12.0	4.0	3.62
148	5.0	4.0	3.01
230	26.0	10.0	3.63

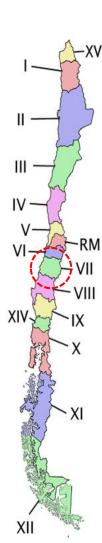


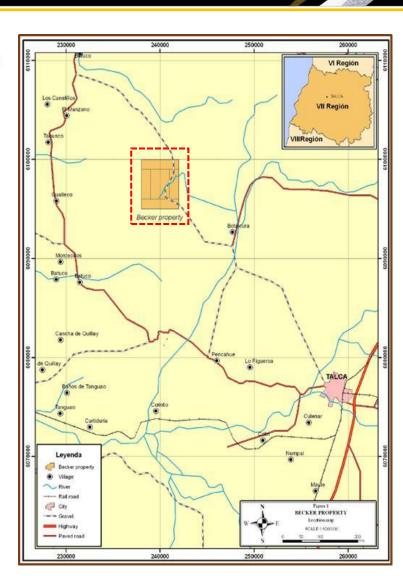
Thank you



Appendix - Becker Project - Chile

- Becker tenements 1-8 granted. Tenements cover 20km2 (2,000 ha) and are inclusive of main Lajuelas and Guindos prospects.
- Regional tenements 9-28 (under application) cover 60km2 (6,000 ha).
- Located 210 km south of Santiago and 40km northwest of Talca, Region VII Chile.
- Intermediate to low sulphidation epithermal Au-Ag vein systems.
- Exploration (1995) discovered N-S trending 300m x 900m zone of quartz boulders up to 4m in diameter.
- Previous trenching identified several individual quartz veins up to 350m in length and widths from 0.5 to 7.5m.
- Previous sampling returned high grade gold assays of 23.5 g/t, 37.2 g/t, 40.7 g/t, 63.5 g/t, 70.0 g/t and 79.0 g/t.
- Previous trenching across veins returned up to 4.0 metres at 30.7 g/t Au and 6 g/t Ag.







Appendix – Becker - Drilling at Lajuelas Prospect

A promising gold prospect with strong follow-up potential

BDH18-08

- 4m @ 1.3g/t Au (from 2m) plus
- 12m @ 8.1g/t Au + 15.3g/t Ag (from 9m) plus
- **16m @ 3.5g/t Au** (from 25m)

and

BDH18-09

- 7m @ 2.8g/t Au (from surface) plus
- 1m @ 2.63g/t Au (from 14m)

These assays complement previous Lajuelas trenching results which included:

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4m @ 3.33 g/t Au; including 1m @7.15 g/t Au (BDT18-1)
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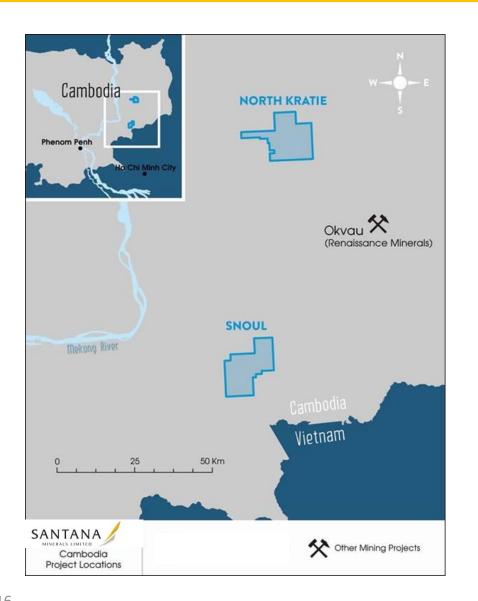
1m @ 10.35g/t Au (BDT18-2)

3m @ 10.58 g/t Au; including 1m @ 19 g/t Au (BDT18-3)

9m @ 5.44 g/t Au; including 2m @ 21 g/t Au (Lajuelas road exposure)



Appendix - Cambodia - Exploration Farm-in



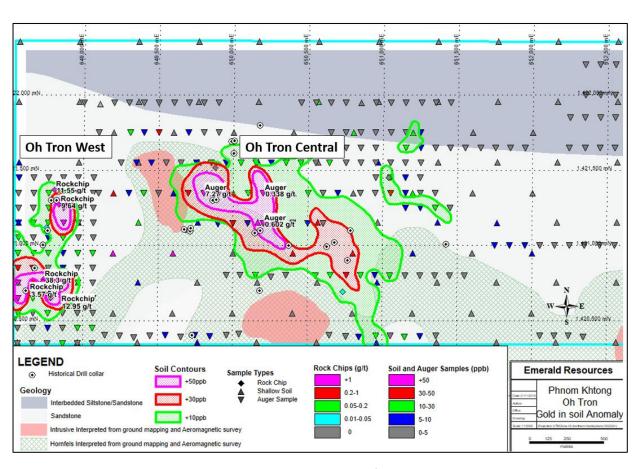
- Farm-out to Emerald Resources (ASX:EMR).
- Two exploration licences covering approximately 409 km² with Emerald earning 60% over 2 years.
- Previous drilling has returned highly encouraging gold results.
- Licences are located nearby to Emerald's 100,000 ounce per annum Okvau Gold Mine development.
- This free-carry opportunity provides Mekong shareholders with uplift potential without additional capital.
- Initial drilling by Emerald being planned.



Appendix - Cambodia — Oh Tron — North Kratie

Historic rock chip samples include:

- 11.5g/t Au
- 9.64g/t Au
- 38.3g/t Au
- 12.9g/t Au



Source: Emerald Resources NL, ASX Announcement, 26th November 2018



Appendix - Cuitaboca — Sinaloa, Mexico

Primary Targets

- Mojardina Prospect
- La Plata
- La Lupita/La Piedrita

Geological Occurrence

- Series of mineralised (silver dominant) parallel vein systems running NW-SE in direction.
- Low-intermediate sulphidation style epithermal deposit.
- Higher grades within hosting structures concentrated in areas of dip and strike flexure.

Previous Works

- Extensively mapped
- Diamond saw channel trenching along outcropping veins
- Three (3) RC Drill programs
 - ❖ 52 holes for 7,525m

