



EUROPEANCOBALT

London Roadshow Presentation



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## Competent Persons Statement

*The information in this announcement that relates to Dobsina, Joughineva and Kobla Project Exploration Results is based on information compiled and fairly represented by Mr Robert Jewson, who is a Member of the Australian Institute of Geoscientists and Managing Director of European Cobalt Ltd. Mr Jewson has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Jewson consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.*

## Reference sources

29/05/2017	High Grade Cobalt-Nickel Sulphide Mine Acquisition Completed
26/06/2017	High Grade Cobalt and Nickel Results at Dobsina
05/07/2017	Intensive Exploration Program Commences at Dobsina
26/07/2017	Acquisition of Cobalt-Copper-Nickel-Silver Sulphide Mine
02/08/2017	Acquisition of High Grade Cobalt-Copper Project in Finland
25/08/2017	High Grade Cobalt-Nickel Results at Kolba Project
28/09/2017	Significant Exploration Program Commencing at Dobsina
03/10/2017	Further Ground Secured at Dobsina Co-Ni-Cu-Ag Project
06/10/2017	Initial Trenching Reveals Significant Co-Ni-Cu
16/10/2017	Co-Ni Massive Sulphides Identified at Surface
19/10/2017	High Grade Co-Ni-Cu Rock Chips from Dobsina Waste Dumps
30/10/2017	7.3% Co & 10.45% Ni from Channel Sampling



## Dobsina, Slovakia (100% EUC)

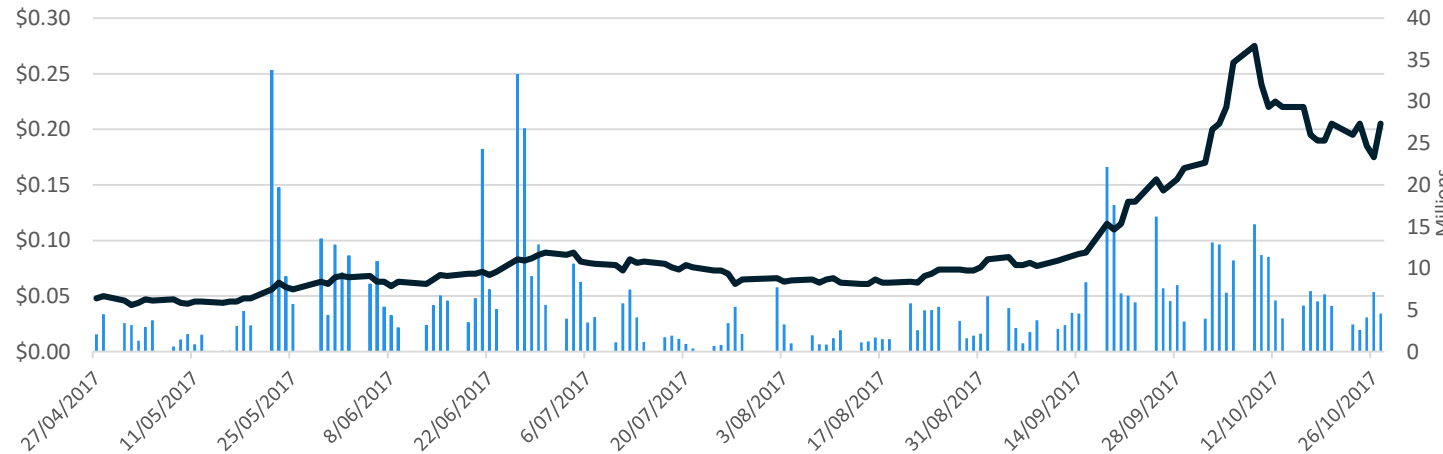
- ✓ Channel sampling grades of up to 7.3% Co, 10.45% Ni & 1.72% Cu over 0.7m
- ✓ Maiden diamond drilling program, trenching, re-opening of Joremeny Adit underway

## Jouhineva, Finland (100% EUC)

- ✓ Recently completed acquisition, development of exploration program underway for spring field season 2018

## EUC Company Strategy

- ✓ **Acquire value accretionary cobalt assets** throughout Europe to build a project pipeline
- ✓ Explore and develop cobalt assets that meet EUC's selection criteria
- ✓ Divestment of assets deemed to be non-core to deliver value to shareholders



## CAPITAL STRUCTURE

<b>Market Cap at \$0.205</b> (27/10/2017)	<b>\$135.5 M</b>
<b>Shares on Issue</b>	<b>660.9 M</b>
<b>Options on Issue</b>	<b>106 M</b>

## BOARD OF DIRECTORS

### Robert Jewson (Managing Director)

Mr Jewson is a geologist with 11 years of experience from junior to major mining and exploration companies throughout a variety of jurisdictions and commodities. He has conducted both corporate and technical roles within the mining and exploration sectors inclusive of due diligence, business development, exploration management, acquisitions/divestment and corporate structuring.

### Tolga Kumova (Non-Exec. Chairman)

Mr Kumova is a resources entrepreneur and corporate finance specialist with 15 years experience in stockbroking, IPO's and corporate restructure. He has raised in excess of \$500M throughout his career for ASX listed entities.

Former MD and Founder of Syrah Resources (ASX:SYR), ASX200 Listed Entity. Mr Kumova led Syrah's development activities from resources through to fully funded development, inclusive of offtake negotiations and agreements.

### Don Carroll (Non Exec. Director)

Mr Carroll is a senior resources executive with 37 years experience with BHP Billiton and Rio Tinto. Mr Carroll has worked in a variety of leadership, technical, strategy, marketing and business development roles throughout his career.

Mr Carroll also has extensive experience across a broad range of commodities including iron ore, coal and aluminium.

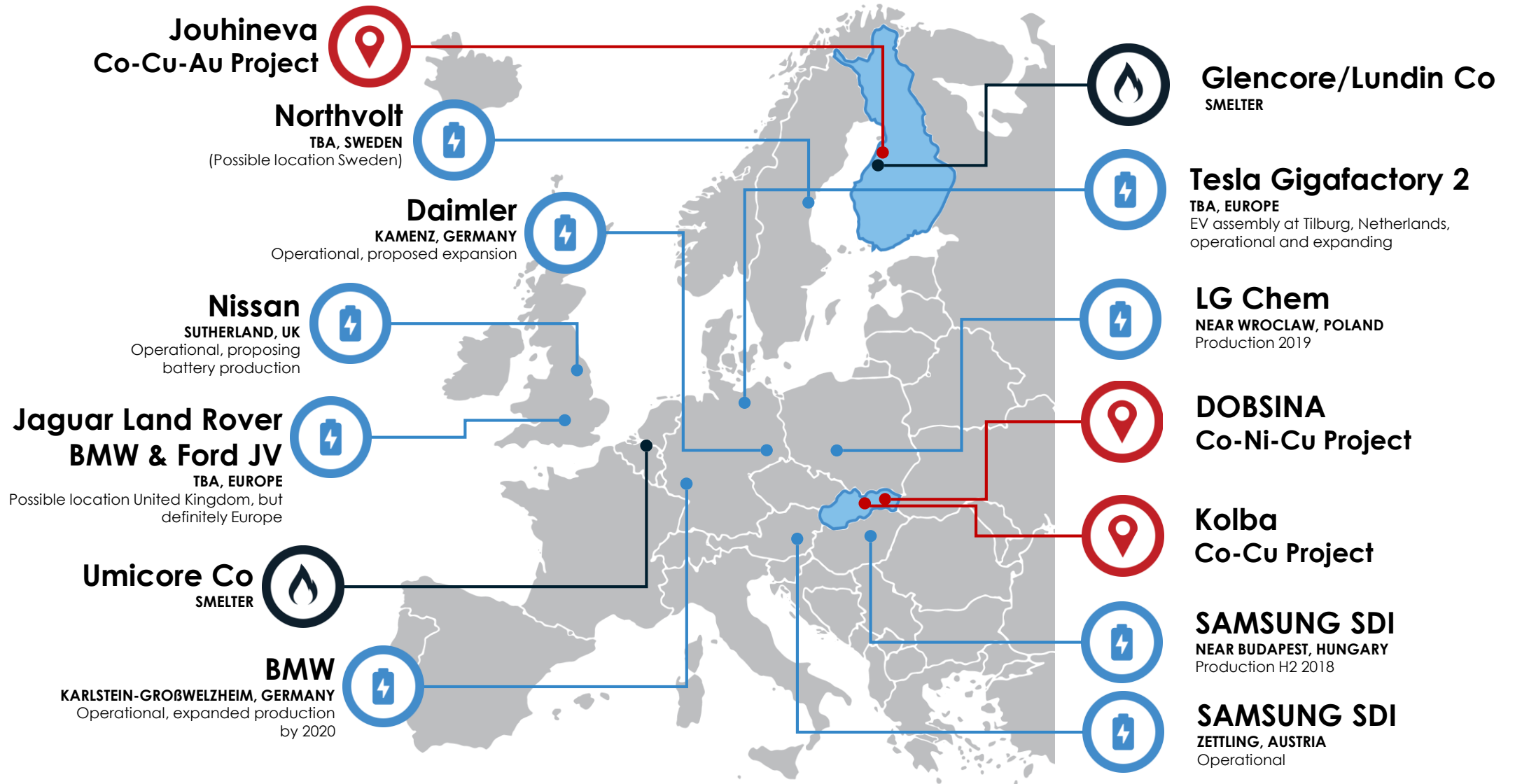
### Eddie King (Non Exec. Director)

Mr King is a qualified mining engineer and holds a Bachelor of Commerce and Bachelor of Engineering from The University of Western Australia. Mr King is currently a representative for CPS Capital.

Mr King's past experience includes being manager for an investment banking firm, specialising in the technical and financial aspects of resource projects.

# European Cobalt for European Markets

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# Dobsina, Slovakia (100% EUC): Overview

## LOCATION & INFRASTRUCTURE

- Dobsina is located in central Slovakia, centred on historical mining town
- Proximal to two rail sidings
- Hydro electric power, water, road infrastructure well established

## MINING HISTORY OF DOBSINA

- Nickel-Cobalt mineralisation first recognised in 1780 and was exploited until 19<sup>th</sup> Century. **Historically produced 430,000t of high grade nickel-cobalt ore** which was hand sorted on site and shipped to UK for smelting
- Zemberg priority target area was **mined at an average grade of 4% Co & 16% Ni**



*Dedičnej Adit, c.1960*

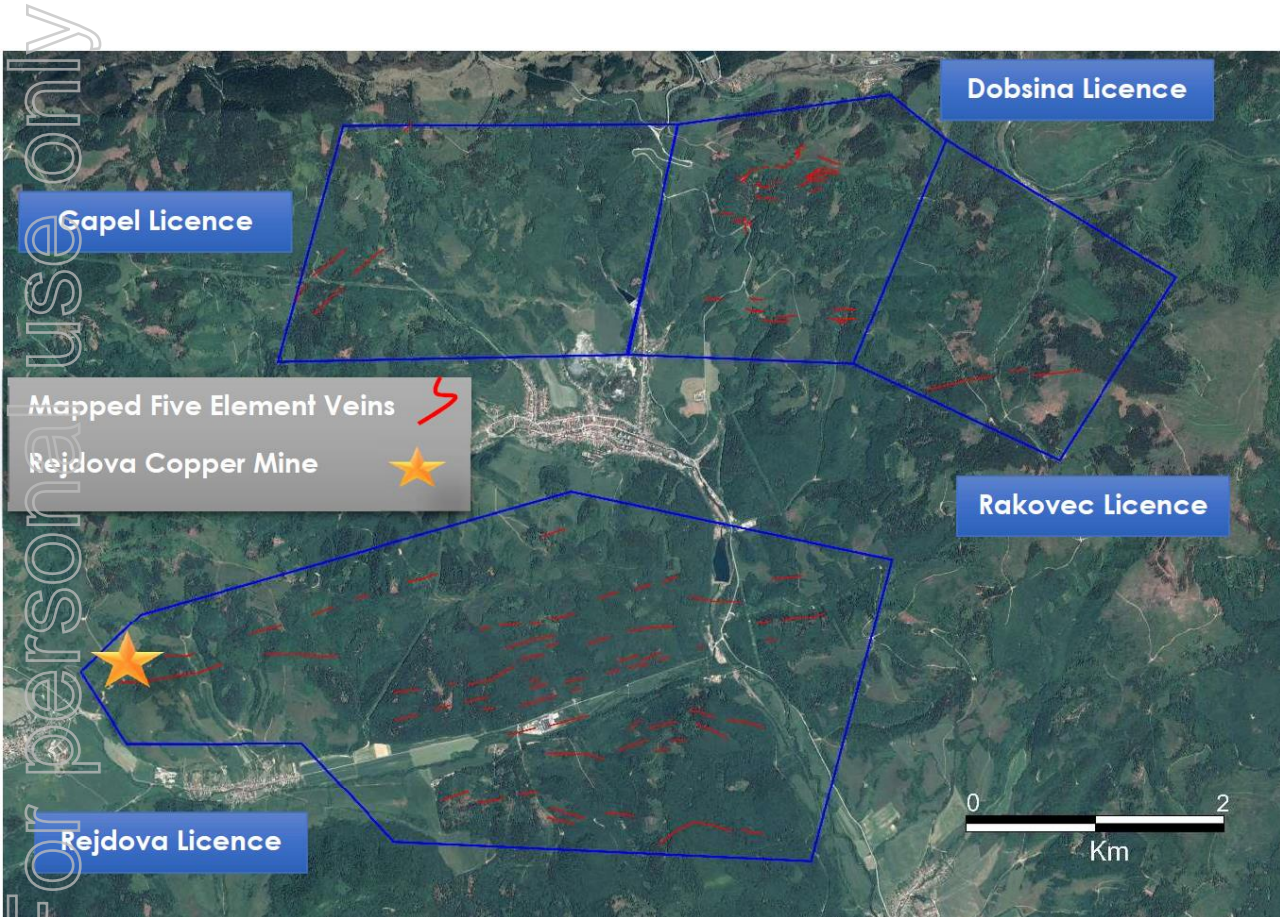


*Maria (Co-Ni) Mine, 1888*



*Zemberg (Co-Ni) Mine, c.1900*





**>26km of Mapped Five Element Veins Prospective for Co-Ni-Cu-Ag Mineralisation**

## Significant Strike Defined by Mapping

- **Total cumulative five element vein strike length has increased from 3km to >26km** through direct licence applications across additional tenure
  - Five element veins host Co-Ni-Cu-Ag mineralisation at Dobsina
- Preliminary regional targets identified include historical Rejdova and Gapel Ni-Co Mines

## Regional Exploration Program Strategy

- Confirmatory mapping of prospective five element veins to confirm targeting model
- Comprehensive airborne magnetic and EM survey to define structural controls and delineate conductor targets
- Prioritisation and drill testing of regional targets within Q2 CY18

# Pivo Zone- High Grade Co-Ni Sulphide Discovery

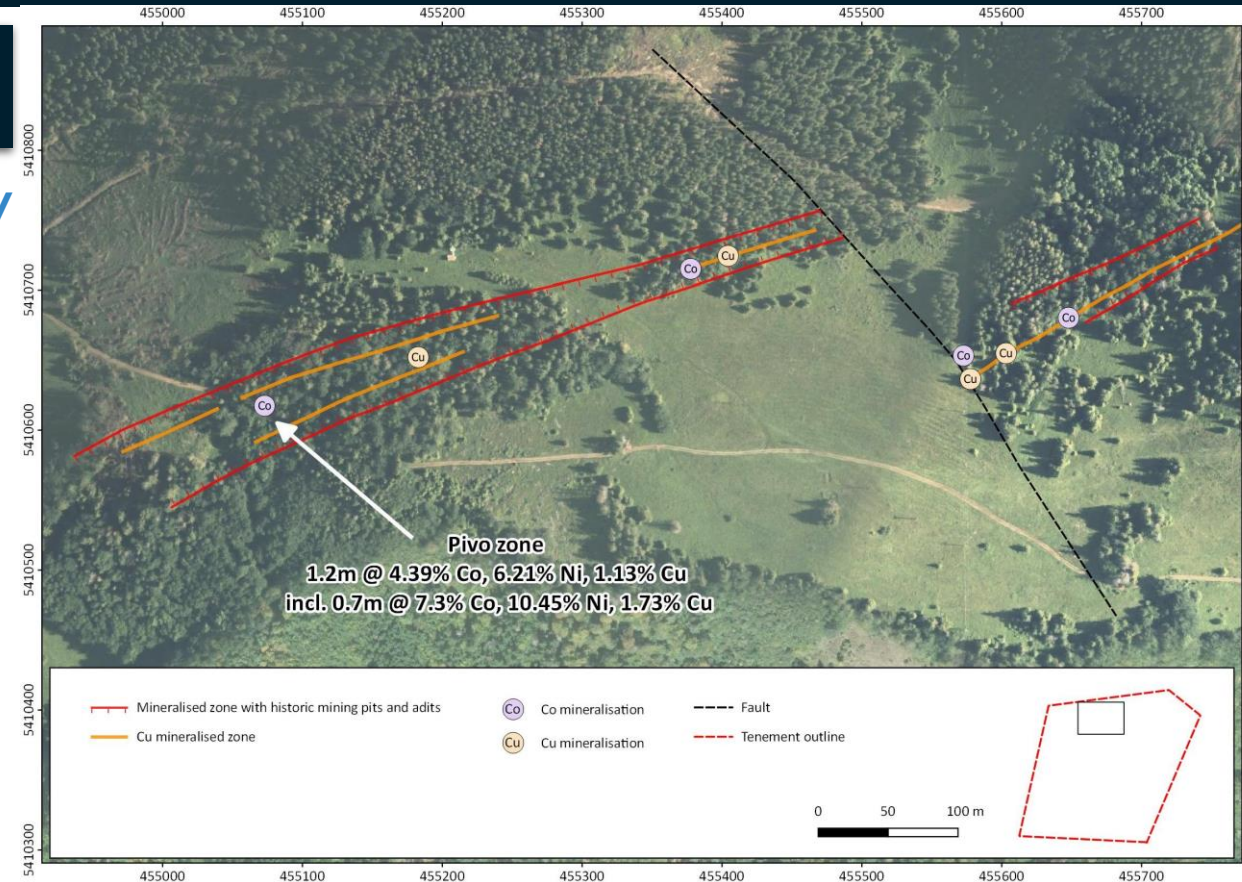
**70cm Channel Sample 7.3% Co, 10.45% Ni, 1.72% Cu**  
**Within 1.2m Mineralised Zone of 4.39% Co, 6.21% Ni, 1.13% Cu**

## Exploration Success Through Boots on Ground Geology

- High grade massive cobaltite-gersdorffite sulphide zone identified within 1m of surface
- Project has proven potential to deliver substantial mineralisation subsequent to multiple generations of mining
- Examination of all road cuttings on site, including those recently established via forestry activities

## High Grade Co-Ni-Cu Sulphide Target At Surface

- Mapping of prospective zone **confirms shallow pits over strike length of 400m** with two discrete mineralised trends
- **Trenching underway** across prospective mineralised corridor
- **Second diamond drill rig mobilised** to site
  - Drilling aims to define geometry, extent and tenor of new target corridor



## Planned Activities

- ✓ Diamond Drilling
- ✓ Downhole EM
- ✓ Trenching



# Second Diamond Drill Rig Mobilised to Test Pivo Zone



**Above: Massive cobaltite-gersdorffite sulphide (Grey), Eurethrite (Pink), Annabergite (Yellow)**  
**Left: Pivo Massive Co-Ni-Cu Sulphide Zone- average thickness 70cm within broader mineralised zone of 1.5m**

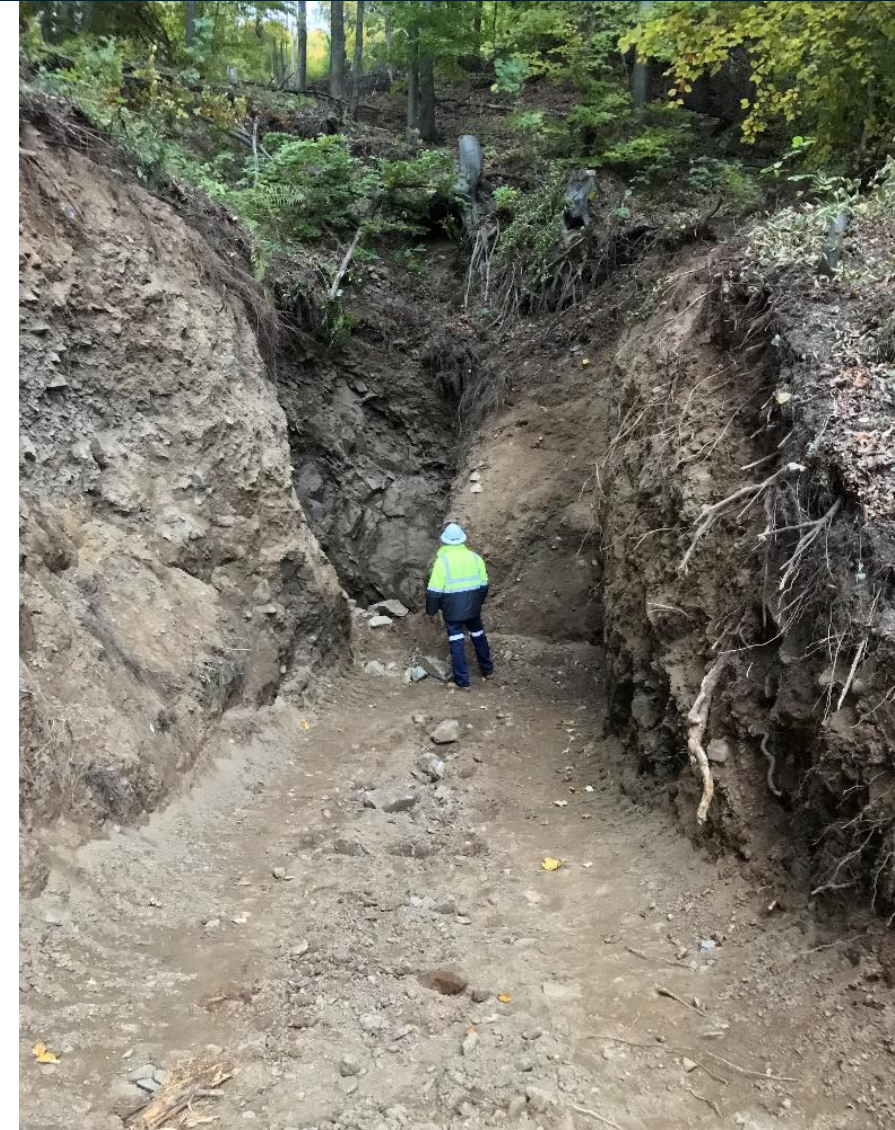


## Unlocking the High Grade Potential of the Zemberg Vein System

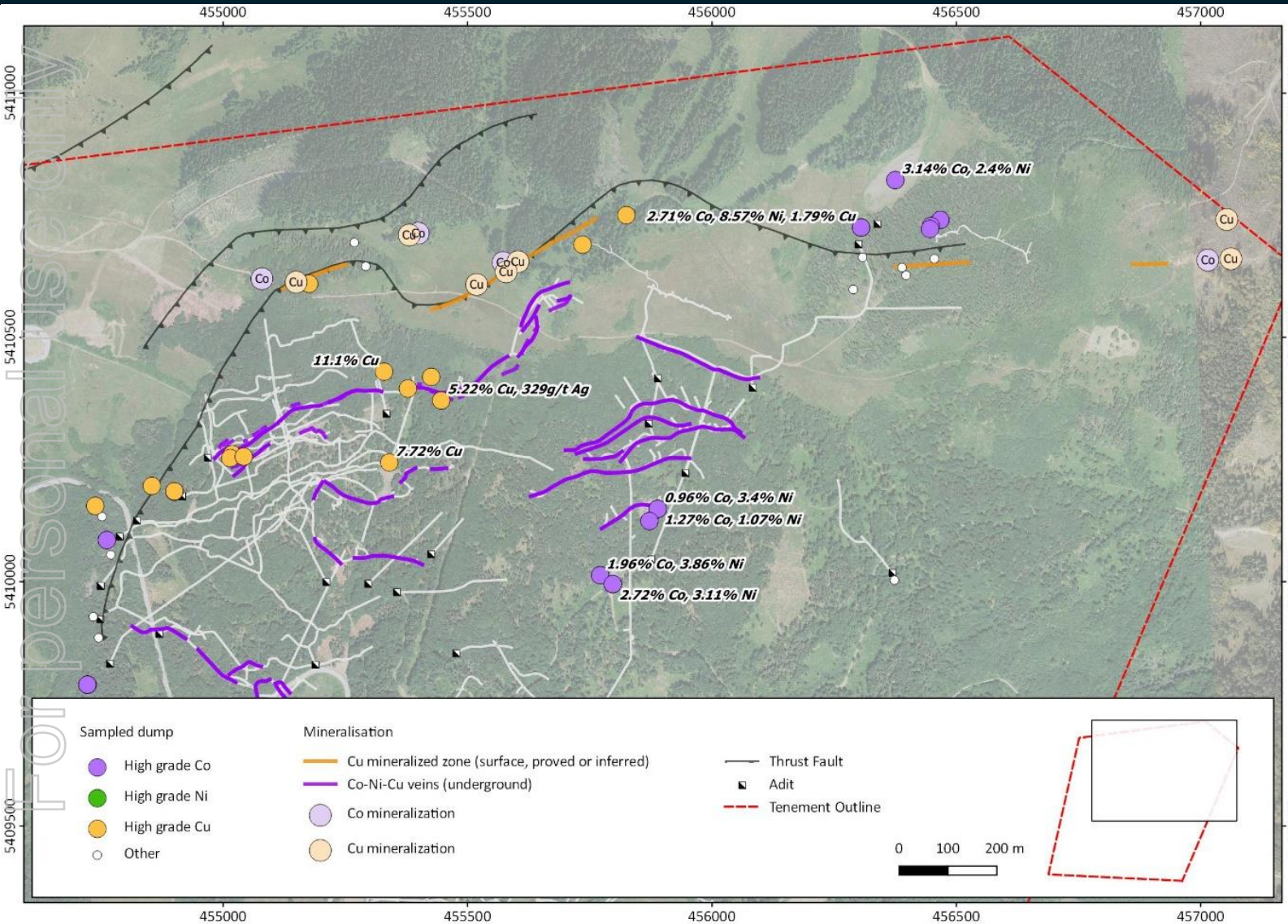
- Zemberg Vein System previously **produced at an average grade of 4% Co & 16% Ni**
- Channel sampling completed in 1992 outlined significant results including:
  - DZ-325: **1.0m at 3.52% Co & 4.34% Ni**
  - DZ-338 to 339: **0.6m at 3.32% Co & 6.72% Ni**
  - DZ-342 to 344: **2.6m at 1.37% Co & 1.22% Ni**
    - Including **0.9m at 3.28% Co & 1.90% Ni**
  - DZ-1074 to 1075: **1.7m at 2.1% Co & 4.42% Ni**
  - DZ-1079: **1.7m at 0.63% Co & 3.49% Ni**
  - DZ-1097: **2.5m at 0.74% Co & 3.23% Ni**
  - DZ-1098: **2.5m at 0.65% Co & 4.89% Ni**

### Planned Activities

- ✓ Underground Channel Sampling
- ✓ Underground Drilling
- ✓ Bulk Sampling
- ✓ Geotechnical Assessment







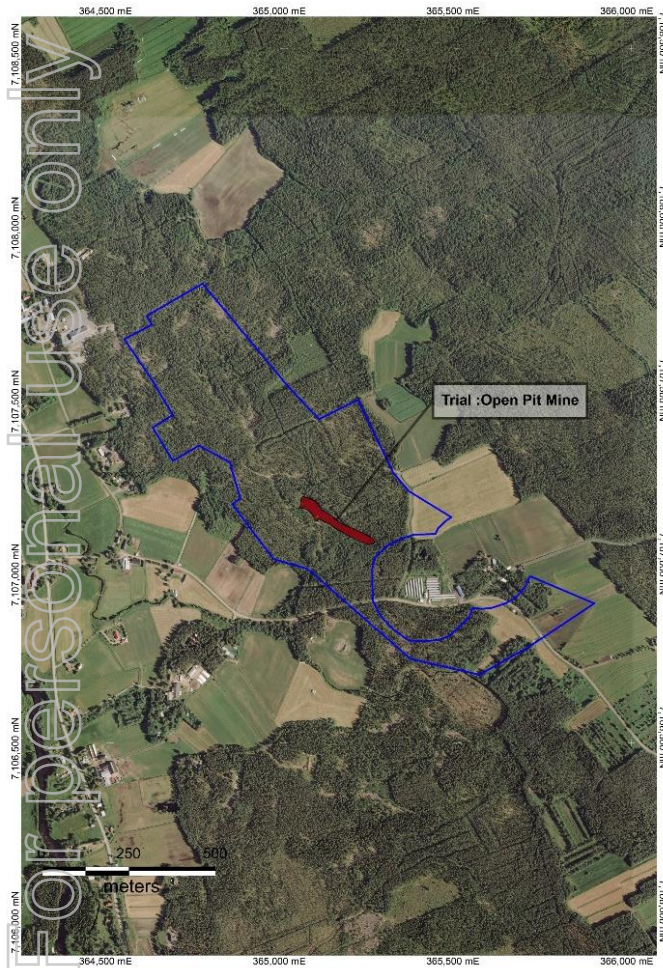
## 16 of 42 Waste Dumps Tested

- Multiple significant results from initial sampling of historical waste dumps:
  - 17RK047: **2.71% Co 8.57% Ni, 1.79% Cu**
  - 17RK034: **3.14% Co, 2.4% Ni**
  - 17RK049: **2.72% Co, 3.11% Ni**
  - 17RK051: **1.96% Co, 3.86% Ni**
  - 17RK056: **1.27% Co, 1.07% Ni**
  - 17RK057: **0.96% Co, 3.4% Ni**
  - 17RK023: **11.1% Cu**
  - 17RK012: **7.72% Cu**

## Planned Activities

- ✓ Lidar Survey to define volume of dumps
- ✓ Geochemical sampling of 26 untested dumps
- ✓ Systematic bulk sampling of priority dumps





***Trial Open Pit Mining***

## Infrastructure

- **Two processing plants located within ~100km of Project**
- **Freeport Cobalt's Kokkola Cobalt Refinery (Glencore/Lundin Mining JV) 70km from Project**
- Power, water, road infrastructure well established
- Proximal to rail

## Exploration Completed

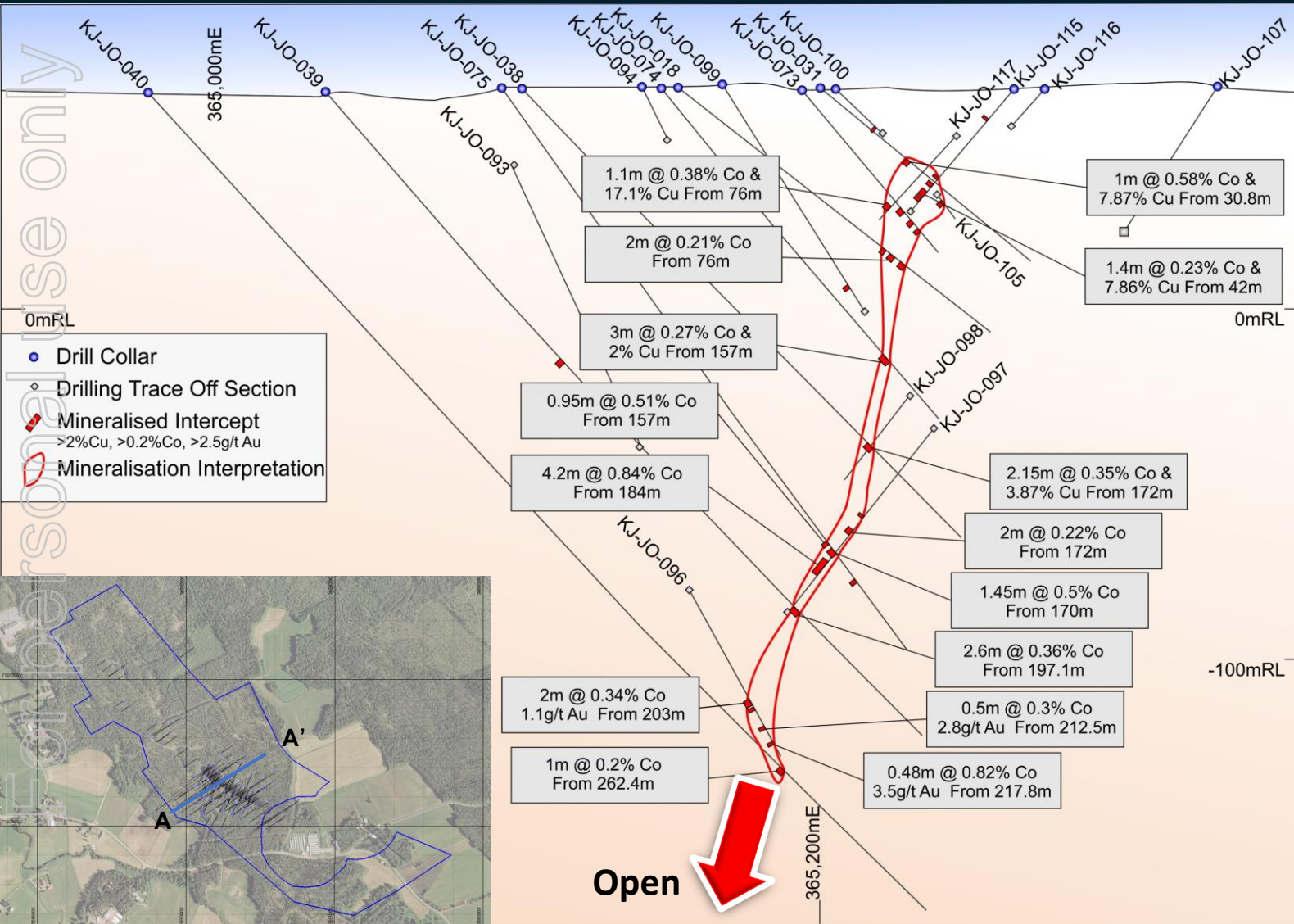
- **119 Diamond drill holes for 14,000m** completed by Outokumpu between 1980 and 1998
- 6,250t excavated in **open pit trial mining**
- **High grade cobalt-copper mineralisation defined from surface to 287m** below surface- open at depth and to north
- Extensive archive of technical reports currently being translated from Finnish to English

## CY18-Q1&2 Exploration

- Review and analysis of available diamond drill core
- Geological modelling to determine scale potential
- Shallow extensional drilling
- Strategic acquisitions of synergistic projects to expand Scandinavian presence



# Jouhineva- Multiple Significant High Grade Drill Results



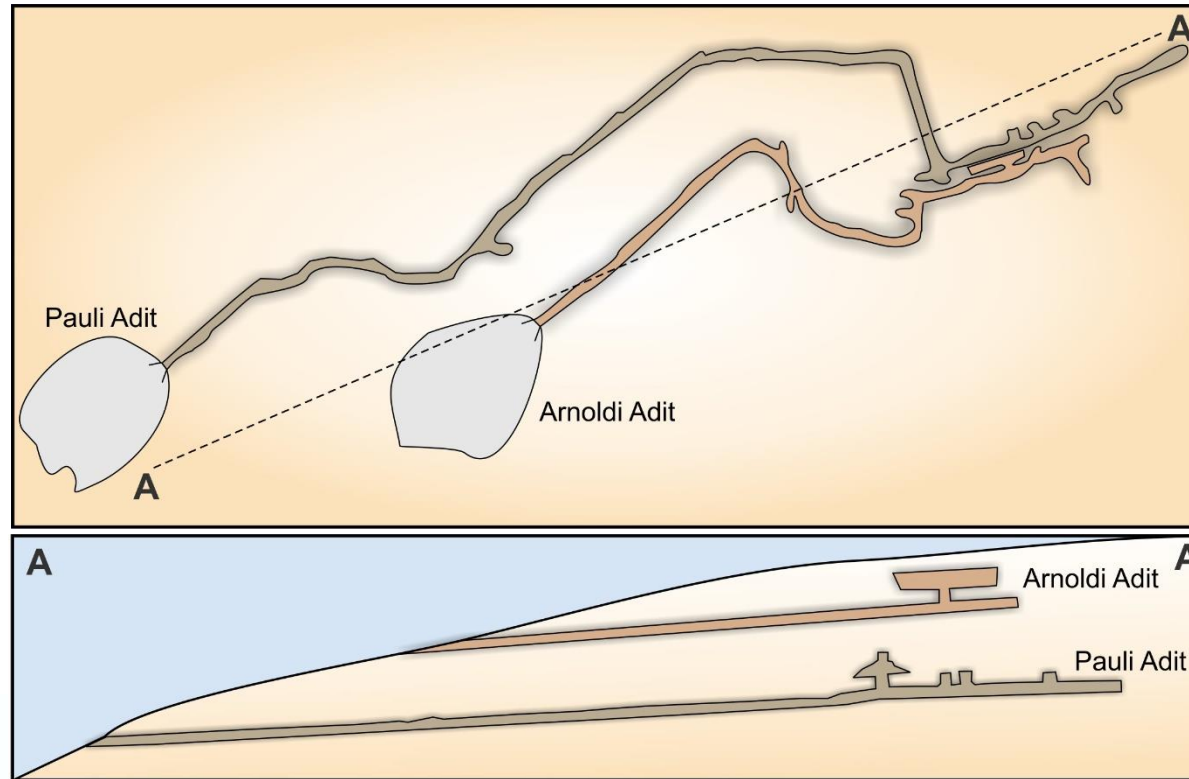
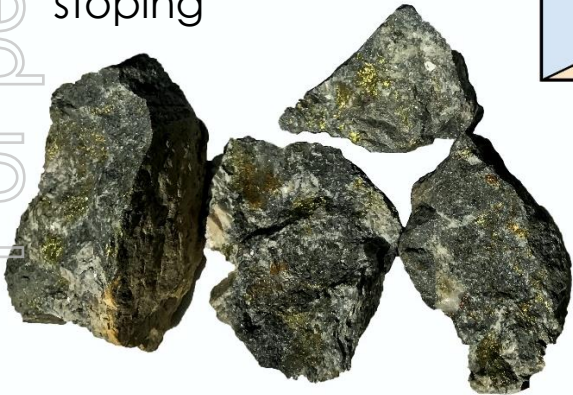
## Significant Intercepts Include:

- KJ-JO-057: **5.55m at 1.19% Co** from 23m
  - Including: **0.45m at 5.63% Co, 4.7g/t Au** from 23m & **0.70m at 4.04% Co** from 24.65m
- KJ-JO-034: **2.6m at 1.0% Co** and 1.9g/t Au from 41.45m
  - Including: **0.65m at 2.77% Co**, 2.5 g/t Au from 41.45m
- KJ-JO-097: **5.8m at 0.65% Co** from 184.1m
  - Including: **2m at 1.15% Co**, 1.2% Cu from 185.1m
- KJ-JO-112: **2.1m at 0.66% Co, 4.94% Cu & 4.45g/t Au** from 42.1m
- KJ-JO-047: **1.25m at 1.11% Co** from 244.9m
- KJ-JO-114: **0.95m at 0.85% Co & 5.13% Cu** from 45.5m
- KJ-JO-058: **3.5m at 0.52% Co** from 26.8m
- KJ-JO-015: **2.3m at 0.28% Co, 5.46% Cu & 6.58g/t Au** from 21.1m
- KJ-JO-031: **1m at 0.59% Co & 7.67% Cu** from 30.8m
- KJ-JO-061: **0.65m at 1.98% Co** from 371.7m

# Kolba, Slovakia (100% EUC): Overview

## Location & History

- Kolba is located **70km west of EUC's flagship Dobsina Project**, in central Slovakia
- **Mined for cobalt-copper-nickel mineralisation** via two levels with minor stoping



**Kolba Historical Underground Cobalt-Nickel-Copper Mining**

## Significant Initial Exploration

- High grade mineralisation identified within mullock material:
  - 0.68% Co & 6.75% Ni
  - 0.51% Co & 5.02% Ni
  - 0.66% Co, 3.73% Ni & 2.04% Cu
- Workings mapped over 300m strike length

## CY18-Q1&2 Exploration

- Detailed geological mapping
- Orientation EM/IP geophysical survey proximal to workings

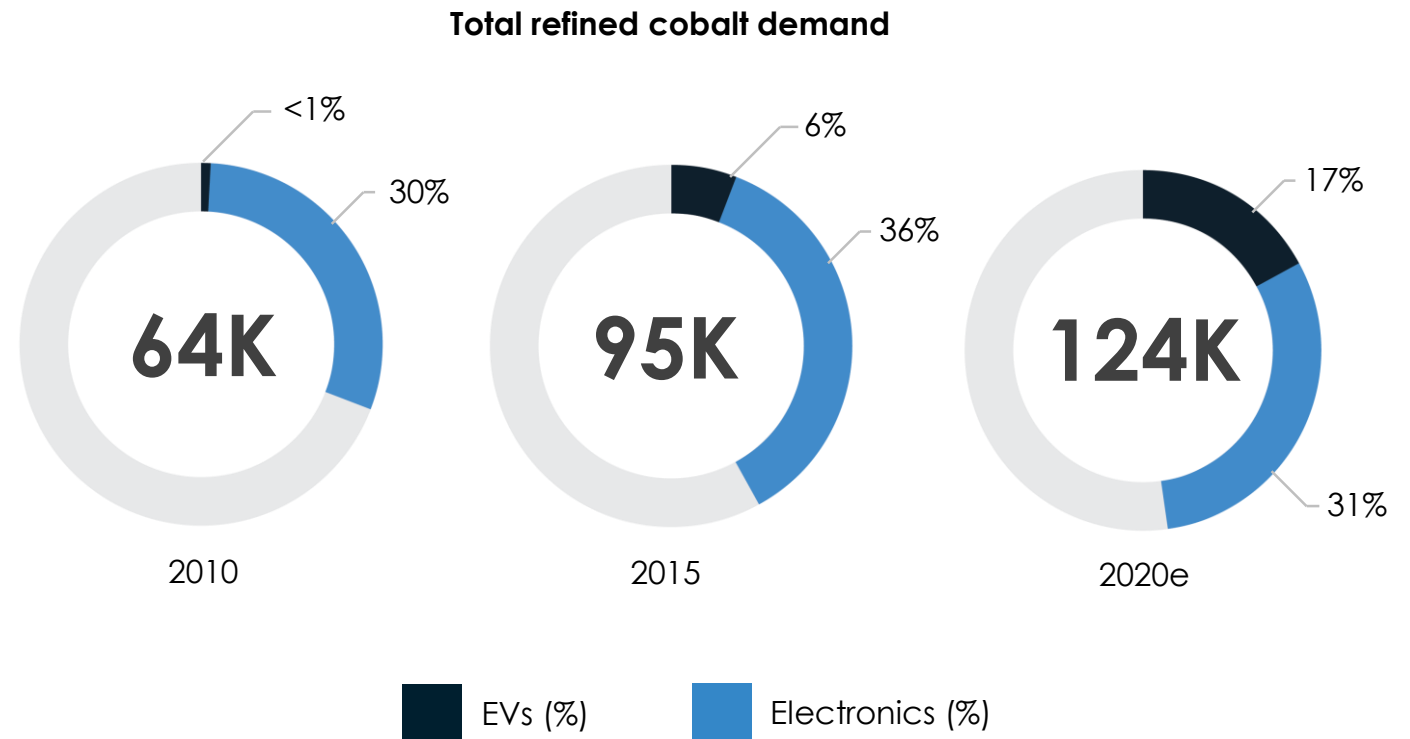




**75%**  
of lithium-ion  
batteries will  
contain cobalt  
by 2020

- Cobalt is the most important metal for increasing energy density of lithium-ion cathodes.
- The majority of li-ions sold today use cobalt in some capacity.

**By 2020, almost 1/5 of cobalt demand will stem from electric vehicles.**



## Cobalt's extra power allows...



Longer battery life  
on smartphones



Solar and wind energy  
to be stored efficiently



Laptops to be powerful  
and slim, yet last long  
periods



Electric cars to extend  
their range between  
charges



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