



# HIGH GRADE METALS LTD

## A PORTFOLIO OF COBALT AND GOLD ASSETS.

121 Conference Hong Kong  
23 APRIL 2018

# IMPORTANT INFORMATION

The release, publication or distribution of this presentation in certain jurisdictions may be restricted by law and therefore persons in such jurisdictions into which this presentation is released, published or distributed should inform themselves about and observe such restrictions.

## DISCLAIMER

This presentation is for informational purposes only and does not constitute an offer to sell, or solicitation to purchase, any securities. Such Offer can be made only through proper subscription documentation and only to investors meeting strict suitability requirements. Any failure to comply with these restrictions may constitute a violation of applicable securities laws. In providing this presentation High Grade Metals Ltd ACN 062 879 583 and its subsidiaries ("HGM") has not considered the financial position or needs of the recipient. Persons needing advice should consult their stockbroker, bank manager, solicitor, attorney, accountant or other independent financial and legal advisors.

## FORWARD LOOKING STATEMENTS

Various statements in this presentation constitute statements relating to intentions, future acts and events. Such statements are generally classified as "forward looking statements" and involve known and unknown risks, uncertainties and other important factors that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed herein. Prospective shareholders should not place undue reliance on these words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates" and similar expressions that are intended to identify forward-looking statements. HGM cautions shareholders and prospective shareholders not to place undue reliance on those forward looking statements, which reflect the view of HGM only as of the date of this presentation. The forward-looking statements made in this presentation relate only to events as of the date on which the statements are made.

## COMPETENT PERSON

The information in this report that relates to Exploration Results (including for the Exploration Target) is based on, and fairly represents, information and supporting documentation compiled under the supervision of Mr Torey Marshall, the Managing Director and CEO of HGM. Mr Marshall is a competent person who is a member of the Australian Institute of Mining & Metallurgy. Mr Marshall

has sufficient experience which is 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 JORC Code. Mr Marshall consents to the inclusion of the matters based in this ASX Release on his information noted in the form and context in which it appears.

## LISTING RULE 5.23 STATEMENT

The sources, and location of relevant consents, for statements in this presentation concerning Exploration Results (including for the Exploration Target) are identified in the presentation. HGM is not aware of any new data or information that materially affects the information included in the relevant announcements or documents, and confirms that all material assumptions and technical parameters underpinning the exploration results and the exploration target continue to apply and have not materially changed.

## HISTORICAL MINERAL ESTIMATES

The historical mineral estimates in this report are not reported in accordance with the guidelines of the JORC Code (2012). A competent person has not completed sufficient work to classify these estimates as Mineral Resources or Ore Reserves in accordance with the guidelines of the JORC Code (2012). It is uncertain that following evaluation and/or further exploration work that the estimates will be able to be reported as Mineral Resources or Ore Reserves in accordance with JORC Code (2012). The full source details of the above estimates are contained in the HGM Prospectus dated 30 January 2018. The Company is not in possession of any new information or data relating to the historical mineral estimates that materially impacts on the reliability or the estimates or the Company's ability to verify the estimates in accordance with the JORC Code. The supporting information provided in the Prospectus in relation to the historical mineral estimates continues to apply and has not materially changed.



# INVESTMENT HIGHLIGHTS

## HIGH GRADE COBALT AND GOLD.

For personal use only

1

The assets comprise **nine exploration areas** that are **highly prospective** for **cobalt, nickel, copper and gold.\***

2

Exploration areas include **former high-grade mines** (cobalt, copper and nickel, and gold) with workings, and **no modern exploration in the last 25 years.**

3

In 2018, **focussed on the highly prospective cobalt/nickel/copper mineralisation at Leogang**, and high grade gold potential at **Schellgaden.**

4

**Austria is a mining friendly country** with no mining royalties, access to **excellent infrastructure** and close to end customers.

5

Focussed on creating first cashflow from a project as quickly as possible.

\* Refer to Prospectus dated 30 January 2018.



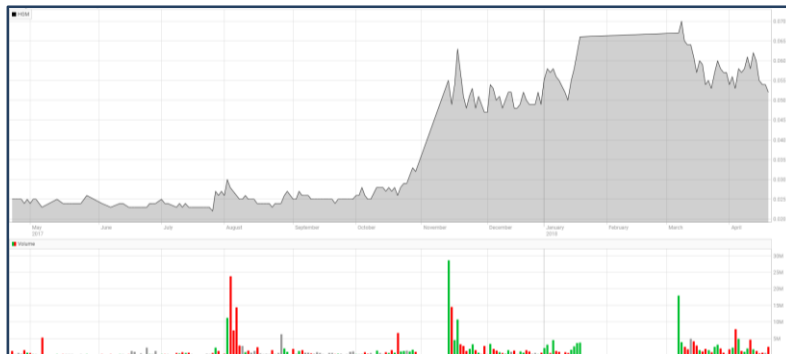
# CORPORATE INFORMATION

## CAPITAL STRUCTURE

| TICKER                                | HGM (ASX)    |
|---------------------------------------|--------------|
| Share price at 19 April 2018          | \$0.054      |
| Shares on Issue                       | 452,937,867  |
| Outstanding options                   | 101,000,000  |
| Fully Diluted Shares                  | 553,937,867  |
| Market Capitalisation (fully-diluted) | \$29,912,609 |
| Performance shares                    | 240,000,000* |

\*Please refer to Appendices for detail

## SHARE PRICE PERFORMANCE



## KEY EXECUTIVES

### STEVE FORMICA CHAIRMAN

Over 30 years' of experience across private business ventures and mining investment. More recently he has been a successful investor and nonexecutive director in mineral resource companies. He is also a Non-Exec director of Bowen Coking Coal Limited, Lindian Resources Limited and Mintails Limited, and formerly chairman of Enerji Limited.

### HAYDEN LOCKE NON-EXECUTIVE DIRECTOR

(Bcom, B Eng.)  
Over 10 years' experience in corporate development, M&A and financing. Most recently lead the in-house corporate development, strategy and sales and marketing function for a listed specialty fertiliser company based in London and Spain. Prior to that, Hayden was a corporate executive for ASX-listed Papillon Resources Ltd.

### TOREY MARSHALL MANAGING DIRECTOR AND CEO

(BSc (Hons) and MSc, AusIMM CP Geology)  
Torey has over 17 years' experience in mining, geothermal, petroleum and associated infrastructure projects across S. America, Africa, N. America and Europe. He has led strategic direction for public and private companies, identification and acquisition of new projects, execution of exploration and development programs (and building the teams), as well as arranging debt and equity for projects (c\$500m).

### OMAR KHAN HEAD OF CORPORATE DEVELOPMENT

(Bcom, LLB, MBA)  
Omar has over 14 years' experience within corporate development, private equity and funds management. His experience extends across capital raising, strategy, debt finance, investor communication as well as managing and growing companies.



# AUSTRIA



## A PROSPEROUS DEMOCRATIC MEMBER OF THE EUROPEAN UNION

- Austria has a history of mining dating back 100s of years, with **4,500 mining sites in 2013**;
- Austria is amongst the **top 10 Tungsten producers in the world**, principally from the **Mittersill mine**, which was originally an open cut operation;
- The town of **Mittersill is 48km (45 min drive) from the town of Leogang (HGM)**;
- The other major mine in Austria is the Erzberg Iron Ore operation;
- European Lithium (ASX: EUR) is developing lithium projects in Austria;
- The legal basis for mining in Austria is the Austrian Mineral Raw Materials Act (Mineralrohstoffgesetz, “MinroG”) of 1999;
- The government’s 3-pillar strategy is to **improve the supply of** the Austrian economy with **minerals and commodities**;
  1. **Pillar 1:** Securing minerals supply from domestic resources (realisation of the Austrian Mineral Resources Plan);
  2. **Pillar 2:** Securing minerals supply from Non-EU countries (raw materials partnerships);
  3. **Pillar 3:** Promoting resources efficiency (substitution, recycling, development of new methods with reduced minerals input);

Source: CIA Factbook , 2013 Minerals Handbook USGS, Word Atlas, Min-Guide (European Union)



# ASSET PORTFOLIO

## Seekar

- Historically reported up to 22% Cu\*

## Leogang

- Exploration Target\* (1)
  - 11 – 55 million tonnes;
  - Co: 0.004 – 0.68%
  - Cu: 3.64% - 7.8%
  - Ni: 1.4%

## Gratlspeitz

- Historically reported up to 2.17% Cu\*

## Zinkwand

- Historically reported up to Co 2.1%, Ni 27.3%\*



## Kreuzeck West

- Historically reported Au\*

## Kreuzeck East

- Historically reported Au\*

## Goldeck Sifflitz

- Historically reported up to Au 12.1g/t\*

## Schellgaden North

- Historically reported up to Au: 93g/t (25 years ago)\*

## Schellgaden South

- Historically reported Au\*

*\*The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of Mineral Resource.*

\* Please refer to HGM Prospectus dated 30 January 2018 1) HGM ASX Release 5 April 2018





# GOLD PROJECTS



## FIVE PROJECTS PROSPECTIVE FOR GOLD AND COPPER

- The Gold projects comprise a total of **300 exploration permits**, which cover an area of approximately **170km<sup>2</sup>**, and valid until 31 December 2019;\*
- All projects contain **historic mines and workings**, very **high reported grades** (historical), and proximity to **excellent infrastructure** such as roads, towns and services;\*
- Like most historic mines in Central Europe, almost no records are accessible from conventional sources;
- Schellgaden North and South**: with up to **93g/t Au in channel samples** from exploration in the 1990's;\*
- Goldeck Sifflitz**: Channel sampling in one of the historic mines yielded up to **12g/t Au**;\*

| PROJECT          | LOCATION (STATE) | HISTORIC*        | EXPLORATION PERMITS* |
|------------------|------------------|------------------|----------------------|
| Schellgaden      | Salzburg         | Au Up to 93g/t   | 157                  |
| Kreuzeck East    | Salzburg         | Au               | 42                   |
| Kreuzeck West    | Salzburg         | Au               | 44                   |
| Goldeck-Sifflitz | Salzburg         | Au up to 12.1g/t | 57                   |

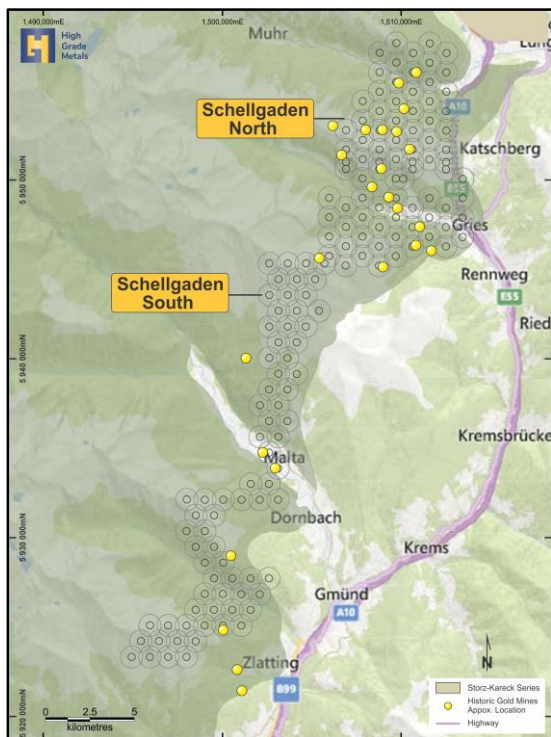
\* Refer to Prospectus dated 30 January 2018.



# SHELLGADEN

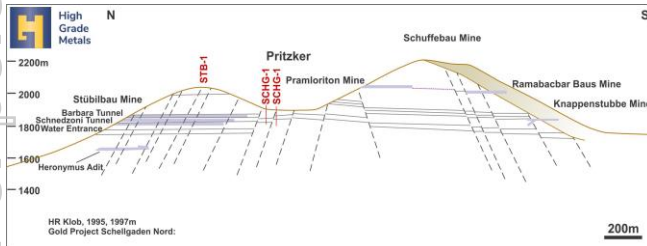
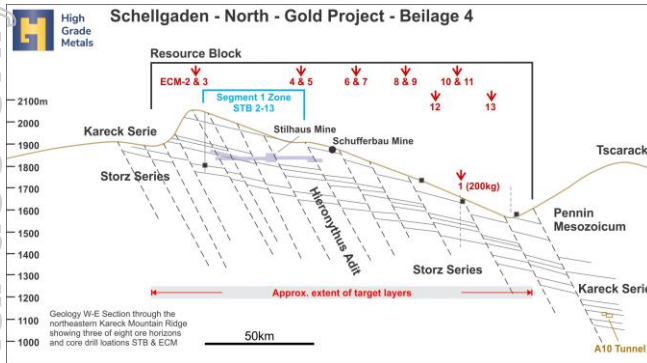
## GOLD MINING IN THE REGION DATES BACK TO THE 12TH CENTURY

- Gold mining at Schellgaden dates back to the 12th century, pre-Roman times, with known gold mines, such as Stüblbau and the smaller Schulterbau Mine;
- Historically, Schellgaden has been considered one of the richest and most active gold mining districts in Austria. During the 1500s, Chroniclers have described the presence of some 150 gold mines with continued activity, and items interrupted activity right through to 1900s;
- The largest, and historically most productive, gold mines are located west of the Katschberg Pass Summit, beneath the north-eastern (and south-eastern) Kareck range;
- Although not adequately documented, gold grades of up to 3 Ozs/ton have been reported from the Stüblbau Mine at Schellgaden North





# SHELLGADEN NORTH



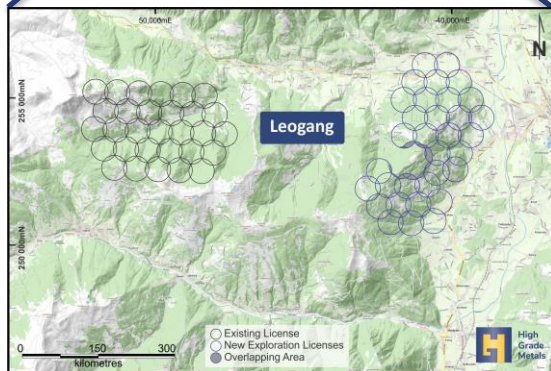
- The critical relationships at Schellgaden are the vertically stacked mineralised layers within the Habach formation;
- Ore potentially been left behind from old drives (above and below mined areas);
- 11 mineralised layers have been encountered from limited drilling. Not all appear to be gold bearing but, based on preliminary mine surveys at least 4 horizons have grades that may warrant mining;
- The horizontally bedded sequence is the host for all the gold mines within the permit area and the sequence itself thus extends over a very wide area regionally
- This conceptual geological model is supported by old workings (which will be re-evaluated) and from the Katchberg tunnel, approximately 1.5km away from Schellgaden, where a mineralised layer was intersected (and sampled) during road tunnel excavations

\* Refer to Prospectus dated 30 January 2018.



# LEOGANG

## Nöckelberg Cobalt, Copper and Nickel Prospect



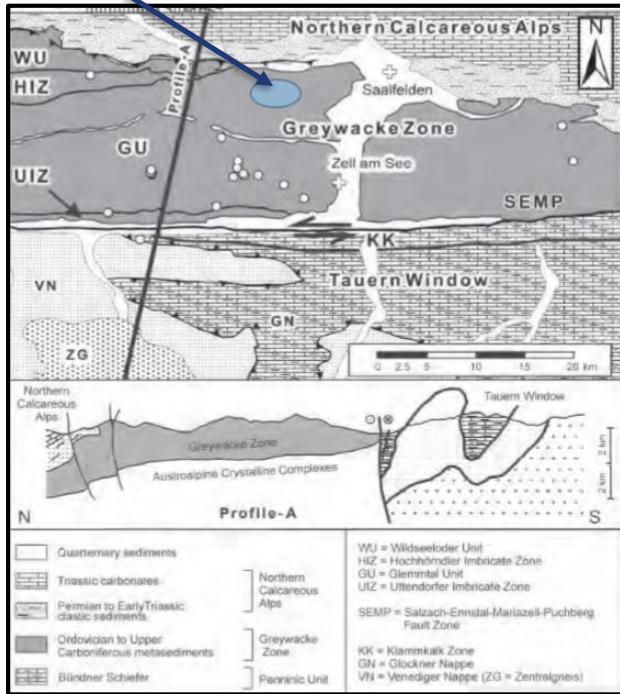
- One of the **oldest mining localities** in the Schwarzleo Valley;
- Nickel and **Cobalt mined in mid-16 century**;
- Located 3km west of Leogang town and 11 km west of Saalfelden in the District of Zell am See, Federal State of Salzburg;
- Project lies on the boundary **between the Greywacke Zone and Northern Calcareous Alps**, north of the Tauern Window;
- Comprises **63 Freischurfe (permits) covering 27 km²**, including the historical Nockelberg and Leogang mine sites;



# LEOGANG

Approximate location of  
Exploration Area

## Geological setting



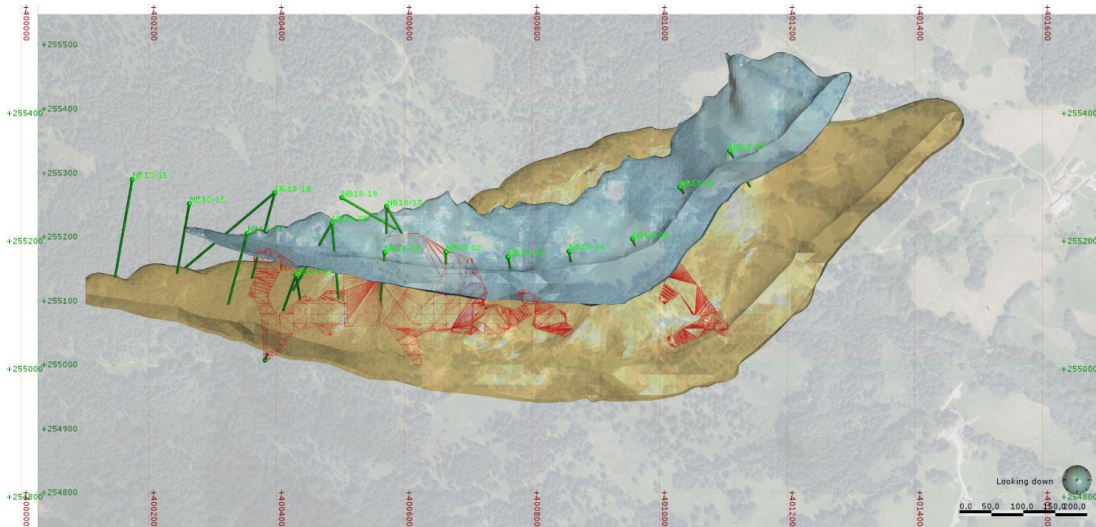
- The Exploration Area lies within the Greywacke Zone, which is separated from the Tauern Window, in the south, by the Salzach-Ennstal-Mariazell-Puchberg (SEMP) Fault Zone;
- Significant sinistral fault system separating lower grade metamorphic rocks of the central Western Greywacke Zone from the metamorphic rocks of the Tauern Window;
- SEMP Fault Zone represents the boundary between Mesozoic sequences of the Northern Calcareous Alps and Austroalpine and Penninic basement rocks of the Central Eastern Alps;



# LEOGANG

## Two Target Dolomite Horizons (top layer and bottom layer)

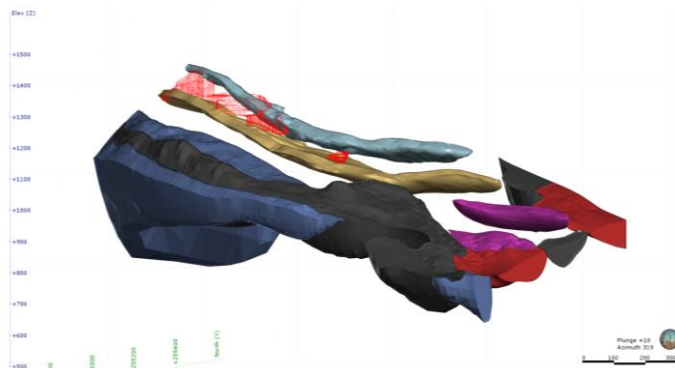
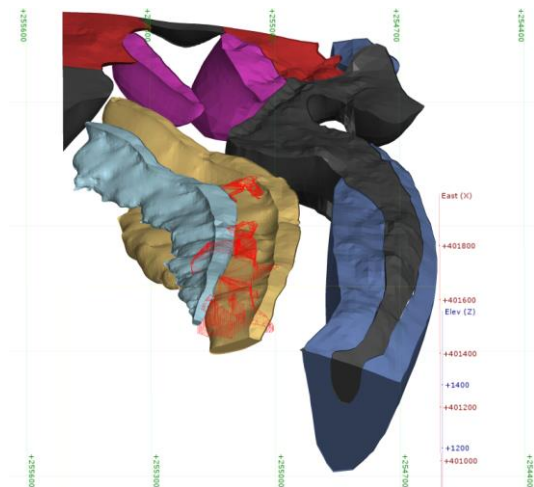
- Main target dolomite horizon is duplicated/split, and potentially accessible via the same drill holes that would be sited to intersect the original target layer;\*
- Further, superimposing the old mining adits/tunnels (based on historic maps), suggests that the mined area is somewhat restricted spatially;\*



\*Please refer to HGM ASX Release on 21 March 2018 and 5 April 2018



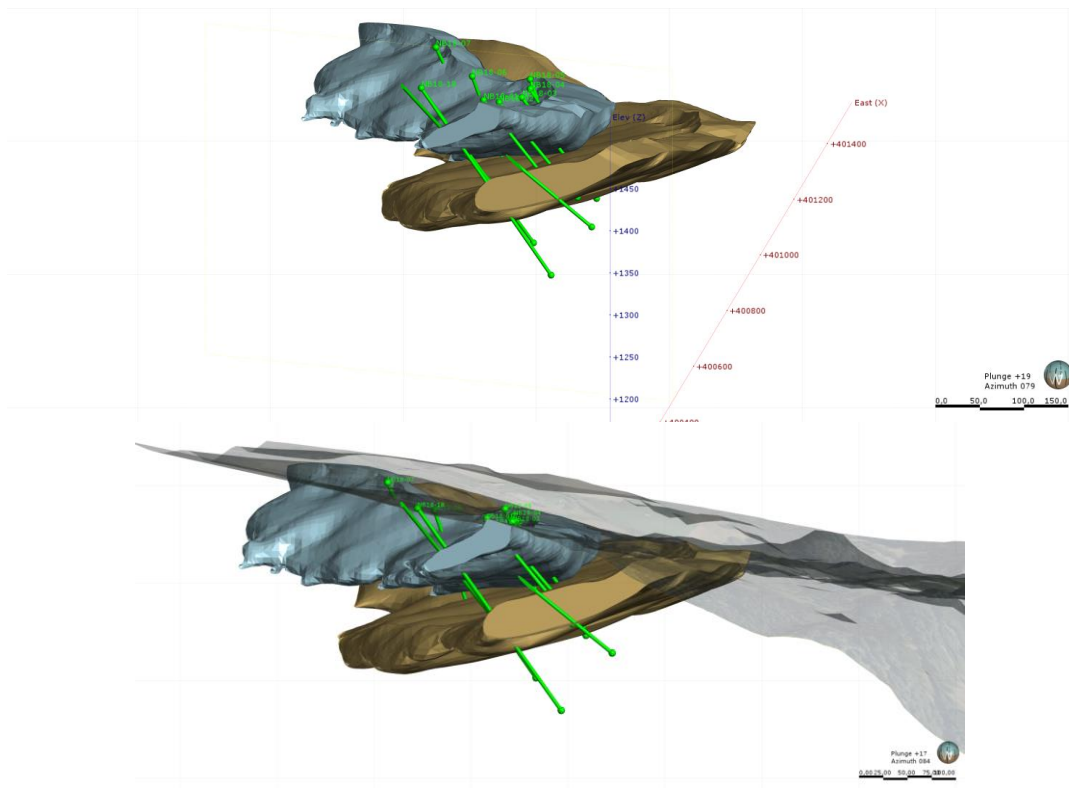
# LEOGANG



\*Please refer to HGM ASX Release 5 April 2018



# LEOGANG





# LEOGANG

## Exploration Target\*

| Area         | Volume (m <sup>3</sup> ) | Tonnage Range (Mt)     | Co Range              | Cu Range            | Ni Range             |
|--------------|--------------------------|------------------------|-----------------------|---------------------|----------------------|
| Upper Layer  | 4,635,000                | 11 – 16 million        | 0.004 - 0.686%        | 1.23 – 7.82%        | 0.018 – 3.48%        |
| Bottom Layer | 11,290,000               | 26 – 39 million        | 0.004 - 0.686%        | 1.23 – 7.82%        | 0.018 – 3.48%        |
| <b>Total</b> | <b>15,925,000</b>        | <b>37 – 55 million</b> | <b>0.004 - 0.686%</b> | <b>1.23 – 7.82%</b> | <b>0.018 – 3.48%</b> |

- The upper layer (lower end) has a volume of 4,635,000m<sup>3</sup> and the bottom layer (top end) has a volume of 11,290,000m<sup>3</sup>. To compute a tonnage range, a **specific gravity of 2.9** was assumed and **a range of +/- 20% has been applied to the results** to estimate a Low Case and High Case; (1)
- The entirety of the reconnaissance geochemical data (see Appendices) was used to establish ranges of appropriate potential grade; (1)
- \*The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of Mineral Resource.

1) Please refer to HGM ASX Releases on 27 March 2018 and 5 April 2018



# EXECUTION

For personal use only

| PROJECT                              | STATUS   | NEXT STEPS   |
|--------------------------------------|--|--|
| <b>Schellgaden (North and South)</b> | <ul style="list-style-type: none"> <li>Preparing to mobilise teams;</li> <li>Mine survey mobilisation pending;</li> <li>Geological and Geophysical Assessment (drill hole planning);</li> </ul>                                | <ul style="list-style-type: none"> <li>Landholder access and approvals;</li> <li>Tendering/key services (Drilling);</li> <li>Site preparation;</li> <li>Create exploration target model;</li> <li>Undertake drilling;</li> </ul> |
| <b>Leogang</b>                       | <ul style="list-style-type: none"> <li>Preparing to mobilise team</li> <li>Geological and Geophysical assessment</li> <li>Planning – Geological mapping, geophysical acquisition, geochemical acquisition, drilling</li> </ul> | <ul style="list-style-type: none"> <li>Landholder access and approvals;</li> <li>Tendering/key services;</li> <li>Site preparation;</li> <li>Geological modelling;</li> <li>Execution of program;</li> </ul>                     |
| <b>Seekar</b>                        | <ul style="list-style-type: none"> <li>Planning – Geochemical and geological reconnaissance</li> </ul>   | <ul style="list-style-type: none"> <li>Landholder access and approvals;</li> </ul>   |
| <b>Gratlsplitz</b>                   | <ul style="list-style-type: none"> <li>Planning – Geochemical and geological reconnaissance</li> </ul>   | <ul style="list-style-type: none"> <li>Landholder access and approvals;</li> </ul>   |

## PROJECT TEAM IN COUNTRY

1. Focus on the most prospective sites: Leogang (Cobalt) and Schellgaden (Gold);
2. Additional projects adding to the growth potential of the company;
3. Significant news flow to support the company;
4. Scoping study/prefeasibility announcements within 18 months subject to results and budget;
5. Focussed on creating first cashflow from a project as quickly as possible.



# INVESTMENT HIGHLIGHTS

## HIGH GRADE COBALT AND GOLD.

For personal use only

1

The assets comprise **nine exploration areas** that are **highly prospective** for **cobalt, nickel, copper and gold.\***

2

Exploration areas include **former high-grade mines** (cobalt, copper and nickel, and gold) with workings, and **no modern exploration in the last 25 years.**

3

In 2018, **focussed on the highly prospective cobalt/nickel/copper mineralisation at Leogang**, and high grade gold potential at **Schellgaden.**

4

**Austria is a mining friendly country** with no mining royalties, access to **excellent infrastructure** and close to end customers.

5

Focussed on creating first cashflow from a project as quickly as possible.

\* Refer to Prospectus dated 30 January 2018.



# CONTACTS

---

## **TOREY MARSHALL**

CEO / Managing Director  
[info@highgrademetals.com.au](mailto:info@highgrademetals.com.au)

## **OMAR KHAN**

Head of Corporate Development  
+61 417 664 114  
[okhan@highgrademetals.com.au](mailto:okhan@highgrademetals.com.au)

## **HAYDEN LOCKE**

Non-Executive Director  
[info@highgrademetals.com.au](mailto:info@highgrademetals.com.au)



## APPENDICIES



# CAPITAL STRUCTURE

| Item                                  | Detail                   |
|---------------------------------------|--------------------------|
| Share price at 19 April 2017          | \$0.054                  |
| Shares on Issue                       | 452,937,867              |
| Outstanding options                   | 101,000,000              |
| Fully Diluted Shares                  | 553,937,867              |
| Market Capitalisation (fully-diluted) | \$29,912,609             |
| Performance shares                    | 240,000,000 <sup>^</sup> |

- <sup>^</sup>120,000,000 Class A Performance Shares, which are convertible into Shares on a one for one basis, upon the delineation of a JORC-compliant Mineral Resource estimate of at least Inferred category (as defined in the JORC Code) of a minimum of 500,000 ounces of gold or gold equivalent (in accordance with clause 50 of the JORC Code) at an average grade of at least 8 grams per tonne;
- <sup>^</sup>120,000,000 Class B Performance Shares, which are convertible into Shares on a one for one basis, upon completion of a positive Scoping Study (as defined in the JORC Code) in relation to any one or more Austrian Cobalt Project by an independent third-party expert which evidences an internal rate of return greater than 20% (using publicly available industry assumptions including deliverable spot commodity/mineral prices which are independently verifiable), provided that the total cumulative EBITDA over the life of the relevant Austrian Cobalt Project is over \$US50,000,000, and provided that (while the Company remains listed on ASX) the Scoping Study is released as an announcement on the ASX Announcements Platform and is not required by reason of regulatory intervention by ASX or ASIC to be retracted within a period of one month from the date of its release.

