



Trading Symbols  
AIM: UFO  
FWB: I3A1

10 March 2021

**Alien Metals Ltd  
("Alien Metals" or "the Company")**

**Alien enters into exclusivity agreement to acquire Silver Tailings Project at Elizabeth Hill**

**Follow the link to view the announcement in full including all figures:**

Alien Metals Ltd (LSE AIM:UFO), a minerals exploration and development company, is pleased to provide an update regarding the Company's high-grade silver project located at Elizabeth Hill, Western Australia.

The Company has entered into a 60 day exclusivity arrangement with the owner of the tailings on site within the Elizabeth Hill Mining Licence, using this period to carry out further assessment of the tailings in situ and potentially negotiate an acquisition by Alien of the rights and title to the Elizabeth Hill tailings project, if terms can be agreed between the parties.

**Elizabeth Hill Silver tailings projects**

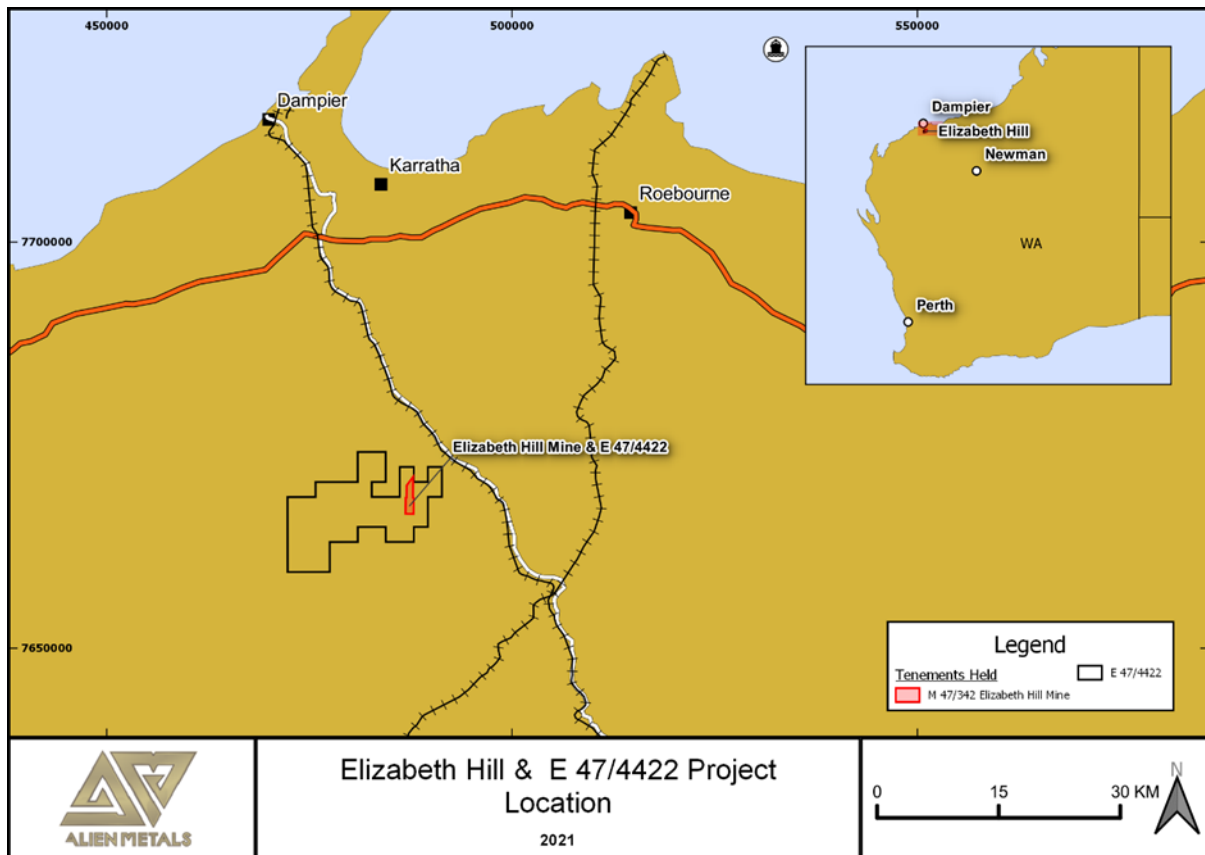
- Alien has signed an exclusivity agreement with Wombat Resources Pty Ltd, the owner of the historic tailings on site within the Elizabeth Hill Mining Licence
- Recent sampling of the tailings undertaken by Alien have returned very encouraging results
  - 84 samples were taken from 21 locations, with silver grades up to **1,270 g/t (38 oz/t)**
  - The samples returned an average grade of 472 g/t Ag (13.3 oz/t Silver)
- During the 60 day exclusivity period, the Parties intend to negotiate an acquisition by Alien of the rights and title to the Elizabeth Hill tailings project

**Bill Brodie Good, CEO & Technical Director of Alien Metals, commented:**

*"We have been aware of the potential of historic silver tailings at Elizabeth Hill for some time. Knowing that the Elizabeth Hill silver mine's historic operations were somewhat inefficient and being very high-grade with abundant native silver we felt that, despite previous reprocessing activities, there is likely significant value remaining in the silver tailings.*

*"Following discussions with the silver tailings owner, a first-pass sampling program was undertaken in December 2020 to test the properties of the tailings. ALS laboratories in Perth carried out an Aqua Regia ICP-AES assay on 84 auger samples from 21 locations, which returned consistently high values of silver and associated minerals. Over the coming months, the Company will undertake further sample work and analysis to better understand the most efficient and cost-effective processes to*

*extract the silver from the tailings. We believe that the silver tailings project could generate near-term cashflow which could help underpin a range of exploration activities at Elizabeth Hill and the Munni Munni North project.”*



**Figure 1: Location of Elizabeth Hill Project, Western Australia, Jan 2021**

### History of the tailings

Located within the Company’s mining lease ML47/342 there remains the partly retreated tailings from the original silver mine operations at Elizabeth Hill. This is currently subleased from Alien by Wombat Resources Pty Ltd (**Wombat**) (see below).

Alien’s preliminary assessment indicates that there remains about 16,000 tons of tailings on site, based on tonnage of ore extracted from the mine however further work will be undertaken during the exclusivity period to confirm available tailings for reprocessing.

Historic reports refer to grades above 1,000 g/t (33oz/t) silver in the original tailings due to inefficient processing practices of the ore during historic mining, Ref Independent Technical Assessment Report on the Elizabeth Hill Project, Agricola Mining Consultants, June 2018.

Historically some reprocessing of the silver tailings was undertaken, however limited information exists on processing recoverability.

## 2021 Sampling Results

A brief program of hand auguring of the existing tailings was carried out at the end of December 2020 by the Alien geological team in order to get an initial understanding of the grade of the remaining material in the dump as review of historical reports does not give any clear outline of this. A hand auger was used and at each sample site 4 samples were taken at different depths (see **table 1**). The holes were stopped when they reached the base of the tailings on the liner. The average sample depth from surface was 1.5m with the deepest samples going to 1.87m and the shallowest to 1.19m. The samples were not geologically logged as it was felt unnecessary as the material is essentially homogenous crushed ore material from the mine so uniform in nature.

The samples were sent to ALS Perth and analysed for a main suite of 35 elements by Aqua Regia ICP-AES with follow up analysis of any initial high grade silver assays by code Ag-OG46 by Aqua Regia which totalled 78 out of the 84 samples submitted.

ALS as part of their standard analysis performed their standard in-house QA/QC which appears acceptable in relation to this sample batch.

The results show that there remains significant silver in the tailings, even if they were reprocessed from the original mine processing days, as well as some acceptable credits for copper, nickel and zinc. The sample results included a high of **1,270 g/t Ag (38 Oz/t)** and a low of 60.6 g/t Ag (which at just under 2 Oz/t silver is still a significant grade). Only 6 samples from the 84 analysed returned below 100 g/t Ag which is also significant.

The results show good consistency downhole as well as from hole to hole and the pattern as seen in **Figure 4** of the higher grades against the few low grades could be related to historical access to the tailings being cut into the southern area. Alien is planning to follow-up in more detail from this sampling to better understand the spread and concentration of the material.

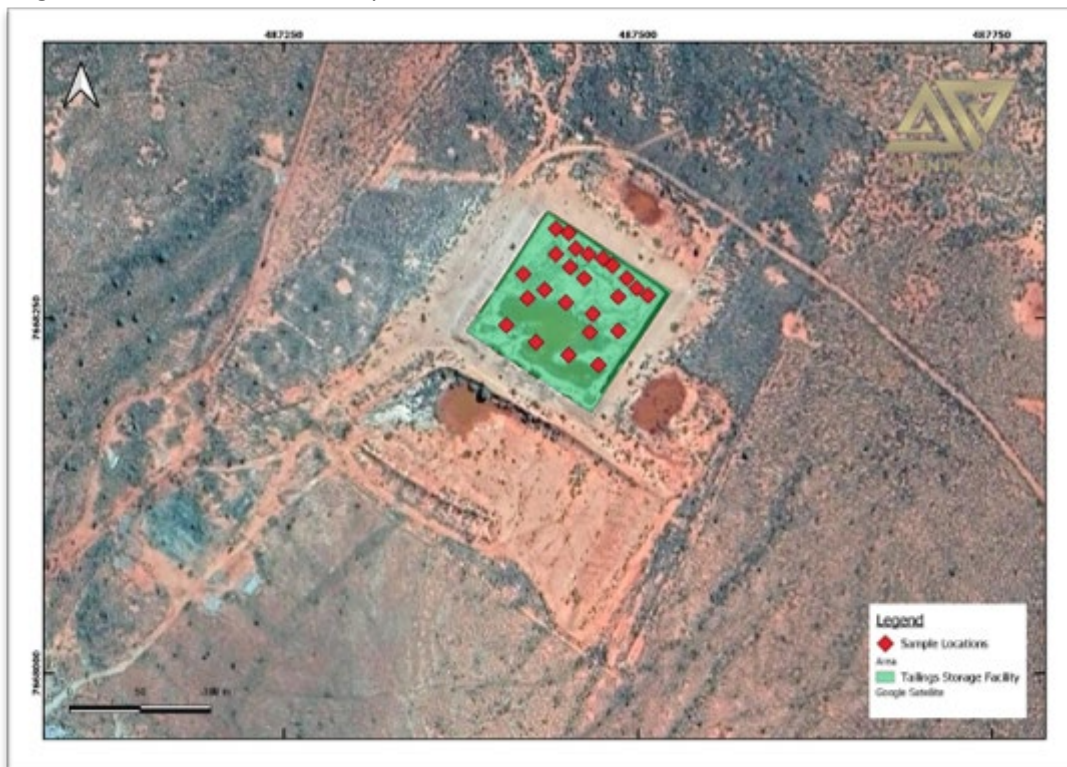


Figure 2: Sample points on Tailings, Elizabeth Hill Mine, Western Australia, December 2020

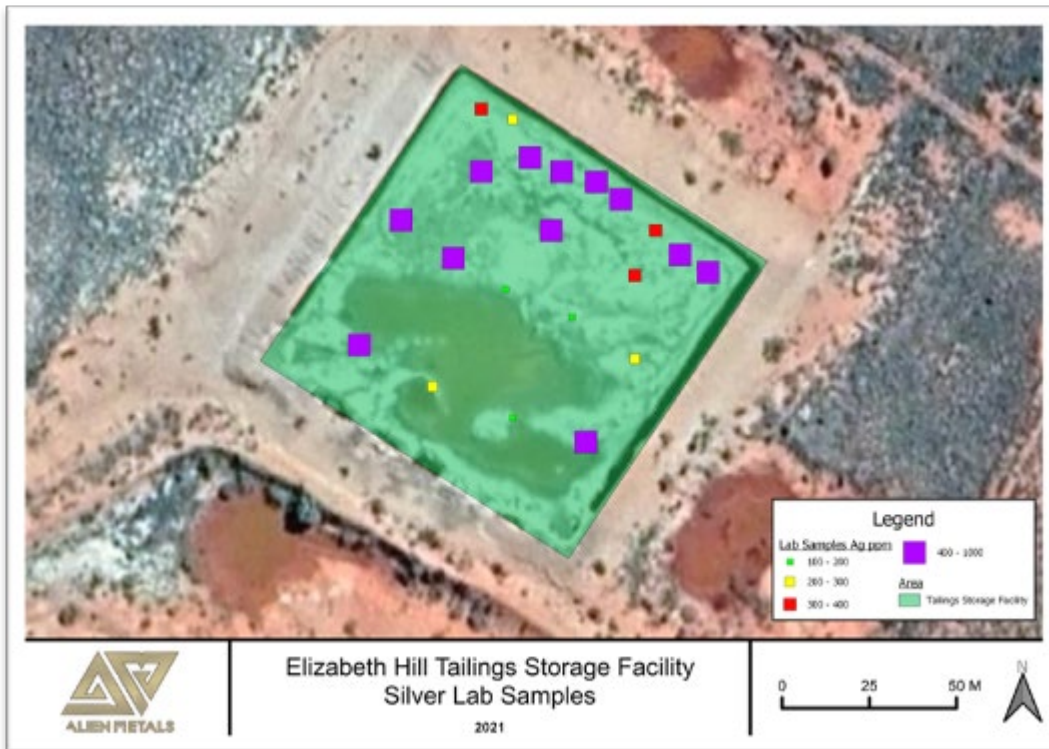


**Figure 3: Sample point and sample split, Elizabeth Hill Mine Tailings, December 2020**

**Table 1: Elizabeth Hill Tailings sample results, December 2020**

Sample Nbr	ME-ICP41	Ag-OG46	ME-ICP41	ME-ICP41	ME-ICP41
	Ag	Ag	Cu	Ni	Zn
	ppm	ppm	ppm	ppm	ppm
AM20005_001 - 1	60.6		416	197	2510
AM20005_001 - 2		666	268	243	1495
AM20005_001 - 3		501	362	249	1150
AM20005_001 - 4		307	359	249	1050
AM20005_002 - 1		329	190	248	1040
AM20005_002 - 2		860	301	245	1135
AM20005_002 - 3		772	376	241	1165
AM20005_002 - 4		845	336	246	1095
AM20005_003 - 1		136	311	295	1310
AM20005_003 - 2		350	254	235	1000
AM20005_003 - 3		492	276	253	939
AM20005_003 - 4		513	314	299	976
AM20005_004 - 1		358	369	242	1070
AM20005_004 - 2		618	269	275	940
AM20005_004 - 3		692	256	272	1020
AM20005_004 - 4		1,060	312	289	693
AM20005_005 - 1		155	350	393	1360
AM20005_005 - 2		499	417	276	987
AM20005_005 - 3		792	296	314	938
AM20005_005 - 4		826	310	370	980
AM20005_006 - 1		546	368	213	1080
AM20005_006 - 2		753	291	309	1030
AM20005_006 - 3		888	236	234	874
AM20005_006 - 4		859	253	243	897
AM20005_007 - 1		427	390	224	978
AM20005_007 - 2		976	276	266	1140
AM20005_007 - 3		1,130	258	281	977
AM20005_007 - 4		1,270	273	260	1080
AM20005_008 - 1		281	392	351	1310
AM20005_008 - 2		154	303	256	963
AM20005_008 - 3		295	330	249	755
AM20005_008 - 4		740	360	286	1020
AM20005_009 - 1		505	270	223	843
AM20005_009 - 2		373	290	243	1000
AM20005_009 - 3		317	279	224	1015
AM20005_009 - 4		568	298	208	1095
AM20005_010 - 1		267	238	271	633
AM20005_010 - 2		325	248	265	644
AM20005_010 - 3		366	346	230	729
AM20005_010 - 4		674	358	299	1160
AM20005_011 - 1	86.8		280	246	858
AM20005_011 - 2		178	264	235	668
AM20005_011 - 3		222	282	256	707
AM20005_011 - 4		177	251	275	924
AM20005_012 - 1		176	303	270	896
AM20005_012 - 2		148	353	272	750
AM20005_012 - 3		128	307	259	763
AM20005_012 - 4		164	288	318	938
AM20005_013 - 1		160	331	285	1135
AM20005_013 - 2		291	296	231	736
AM20005_013 - 3		319	300	209	636
AM20005_013 - 4		353	308	243	787
AM20005_014 - 1		129	412	282	1270

	ME-ICP41	Ag-OG46	ME-ICP41	ME-ICP41	ME-ICP41
	Ag	Ag	Cu	Ni	Zn
Sample Nbr	ppm	ppm	ppm	ppm	ppm
AM20005_014 - 2		157	249	230	801
AM20005_014 - 3		613	295	276	1045
AM20005_014 - 4		1,150	404	364	1090
AM20005_015 - 1		130	359	272	756
AM20005_015 - 2	76		366	299	745
AM20005_015 - 3	74.4		288	325	769
AM20005_015 - 4	81.6		305	290	747
AM20005_016 - 1		105	287	329	1065
AM20005_016 - 2		160	277	317	1030
AM20005_016 - 3		128	246	230	695
AM20005_016 - 4		536	409	275	1065
AM20005_017 - 1		318	258	188	944
AM20005_017 - 2	76.2		177	204	807
AM20005_017 - 3		205	194	242	706
AM20005_017 - 4		354	272	293	704
AM20005_018 - 1		438	317	209	912
AM20005_018 - 2		544	181	215	666
AM20005_018 - 3		540	204	206	644
AM20005_018 - 4		645	233	205	892
AM20005_019 - 1		212	241	214	757
AM20005_019 - 2		333	195	224	703
AM20005_019 - 3		410	215	229	813
AM20005_019 - 4		886	364	276	1190
AM20005_020 - 1		253	237	210	868
AM20005_020 - 2		327	192	234	739
AM20005_020 - 3		371	222	216	852
AM20005_020 - 4		479	283	287	968
AM20005_021 - 1		314	279	258	792
AM20005_021 - 2		851	334	273	1170
AM20005_021 - 3		917	431	271	1095
AM20005_021 - 4		505	336	286	1100
<b>AVERAGE GRADE</b>		<b>472</b>	<b>298</b>	<b>261</b>	<b>956</b>



**Figure 4: Summary of grade distribution on Tailings, Elizabeth Hill Mine, December 2020**

Should further work be positive, Alien will undertake an initial scoping study of the project, including potential processing/treatment options and likely start-up costs.

#### **Munni Munni North update**

Alien are awaiting the results and final report from the Airborne Magnetic Survey over the project area currently being processed and analysed by Southern Geoscience. Alien expect to receive the report in by mid-March, which will allow us to prioritise next stage exploration plans.

The Board of Alien continues to assess a range of mineral projects and opportunities, with particular focus on exploration projects with near term news flow and value creation.

#### **PDAC**

The Company is also pleased to announce it will be attending the 2021 PDAC Conference, along with other major mining companies, between March 8<sup>th</sup> and 11th 2021. Details of the conference can be found at: <https://www.pdac.ca/convention>

**For further information please visit the Company's website at [www.alienmetals.uk](http://www.alienmetals.uk), or contact:**

#### **Alien Metals Limited**

Bill Brodie Good, CEO & Technical Director  
St-James' Corporate Services, Company  
Secretary  
Tel: +44 20 7796 8644

#### **Turner Pope Investments (TPI) Limited (Joint Broker)**

Andy Thacker  
Tel +44 (0)20 3657 0050

**Beaumont Cornish Limited (Nomad)**

James Biddle/ Roland Cornish

[www.beaumontcornish.com](http://www.beaumontcornish.com)

Tel: +44 (0) 207 628 3396

**First Equity Limited (Joint Broker)**

Jason Robertson

Tel +44 (0)20 7374 2212

**Yellow Jersey PR (Financial PR)**

Sarah Hollins / Joe Burgess / Matthew McHale

[alienmetals@yellowjerseypr.com](mailto:alienmetals@yellowjerseypr.com)

Tel: +44 (0) 20 3004 9512

**Notes to Editors**

Alien Metals Ltd is a mining exploration and development company listed on AIM of the London Stock Exchange (LSE: UFO). The Company's focus is on precious and base metal commodities, with its operations located in proven mining jurisdictions and it has embarked upon an acquisition-led strategy headed by a high-quality geological team to build a strong portfolio of diversified assets.

In 2019 it made two acquisitions over the Brockman and Hancock Ranges high-grade (Direct Shipping Ore) iron ore projects and the Elizabeth Hill Silver projects both located in the Pilbara region, Western Australia.

The Company also holds silver projects located in the Zacatecas State, Mexico's largest silver producing state which produced over 190m oz of silver in 2018 alone accounting for 45% of the total silver production of Mexico for that year.

In addition to progressing and developing its portfolio of assets and following its strategic review of its portfolio of silver and precious metals projects in Mexico, Alien Metals has identified priority exploration targets within its nine mining concessions which it is working to advance systematically.