



**ASX/MEDIA ANNOUNCEMENT**

**29<sup>th</sup> August 2008**

## **HIGH GRADE FREE MILLING GOLD AT PREMIUM AND CASCADE PROSPECTS, GIDGEE**

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Apex Minerals NL (**ASX: AXM**) is pleased to announce high grade drill results from the Premium and Cascade prospects within its Gidgee project. This mineralisation is free milling (non-refractory) and is close to existing infrastructure established for the mining of the nearby Wilsons resource and adjacent to existing underground development.

### **Premium**

Drilling at the Premium prospect has focussed on infilling previous drill holes to a standard sufficient to estimate a mineral resource. The mineralisation comprises quartz veins with local visible gold within a steep east dipping lode measuring approximately 150m along strike and 150m down dip (Figures 1 and 2). This zone is 200m along strike from existing underground development. Intersections are summarised in Table 1 and include:

- **2.5m @ 16.8g/t gold** (est. 2.0m true width) from 175m in AGDD76.
- **5.8m @ 5.2g/t gold** (est. 4.7m true width) from 176m in AGDD74.
- **5.0m @ 4.2g/t gold** (est. 4.0m true width) from 205m in AGDD75.

These results supplement previous intersections which include **12m @ 40.8g/t gold** in GDC58, **8.4m @ 21.7g/t gold** in GDC44, **11m @ 17.8g/t gold** in GDC30, **7m @ 7.1g/t gold** in AGDC8 and **5m @ 6.4g/t gold** in AGDC5 (Figures 1 and 2).

### **Cascade**

Initial drilling beneath the previously mined Cascade zone has intersected a new zone situated only 180m laterally from the Premium zone, and within 100m of existing underground development. This new zone contains gently south dipping quartz veins with visible gold and remains open down dip to the west and the south. Intersections are listed in Table 1 and shown in Figure 3, and include:

- **1.5m @ 15.7g/t gold** (est. 1.3m true width) from 193.5m and **7m @ 10.1g/t gold** (est. 6.1m true width) from 231m in AGDD97.
- **2.05m @ 9.8g/t gold** (est. 1.8m true width) from 248.6m in AGDD82.
- **1.6m @ 7.4g/t gold** (est. 1.4m true width) from 237.7m and **2.0m @ 8.2g/t gold** (est. 1.75m true width) from 252.0m in AGDD81.

These results supplement previous intersections which include **7.9m @ 17.6g/t gold** in GDC159 and **14.7m @ 5.3g/t gold** in JDWA233 (Figure 3).

The Premium and Cascade zones are situated immediately beneath the Swan Bitter open pit and close to existing underground development. Both zones can potentially be accessed from the same decline and

could therefore be developed relatively rapidly and at modest cost, delivering additional high grade free milling ore to the Wiluna plant. A mineral resource will be estimated during the September quarter, and should sufficient resources and reserves be defined, this will give the company greater flexibility in production and planning, and realise the synergies of having additional production from the same operational site as Wilsons.



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### **Important Notice**

*This press release is not an offer of securities for sale in the United States. No security of Apex has been registered under the United States Securities Act of 1933, as amended (the "U.S. Securities Act"), and no such security may be offered or sold in the United States absent registration under the U.S. Securities Act and applicable state securities laws or an exemption from registration under the U.S. Securities Act and such laws.*

### **Competent Person's statement**

*The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr. Andrew Thompson who is an employee of the company, and in the case of the new resources by Mr. Brian Wolfe who is an employee of Coffey Mining Pty. Ltd. Mr. Thompson and Mr. Wolfe are Members of the Australasian Institute of Mining and Metallurgy and have sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as Competent Persons as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Thompson and Mr. Wolfe consent to the inclusion in this report of the matters based on information in the form and context in which it appears.*

*Reverse circulation (RC) drill samples are obtained by collecting meter samples via a three stage riffle or cone splitter, and diamond drill hole results are obtained from half NQ core or quarter HQ core sampled to geological boundaries where appropriate.*

*Assay results are obtained from Intertek (formerly known as Genalysis) and ALS Chemex Laboratories in Perth. Samples are prepared using single stage pulverization of the entire sample. Gold assays are obtained using a 30g or 50g lead collection fire assay digest and atomic absorption spectrometry (AAS) analysis techniques. Multi-element analyses (arsenic, sulphur, iron, lead, zinc, bismuth, antimony and tellurium) are obtained using a four acid total digest and inductively coupled plasma optical emission spectrometry (ICP OES) analysis techniques. Full analytical quality assurance - quality control (QAQC) is achieved using a suite of certified standards, laboratory standards, field duplicates, laboratory duplicates, repeats, blanks and grind size analysis. Assays quoted in announcements may be of a preliminary nature. Assays used in resource estimates have undergone full QAQC.*

*The spatial location of samples from surface holes is derived using a combination of surveyed grid co-ordinates and 3D differential GPS collar survey pickups, and Reflex single shot and gyroscopic downhole surveys. The spatial location of samples from underground holes is derived using surveyed rig setups and Reflex multi-shot downhole surveys. True widths are calculated using the mean dip and strike of the mineralization from 3D wireframe models and downhole surveys.*

*Quoted drill intersections are based on situation specific criteria, which include using a lower cutoff of 1g/t or 2g/t gold and acceptable levels of internal dilution.*

*Mineral Resources have been estimated using standard accepted industry practices. All Resources have been estimated via Block Ordinary Kriging using 1m composite samples. Top cuts have been applied to the composites and are considered appropriate for the nature and style of mineralization in all cases. Directional grade variography was modeled for all zones based on 1m composites. Geological and mineralization modeling has been achieved by 3D modeling of footwall and hangingwall structures (a lower 2g/t Au cutoff was applied in the case of Wilsons Deposit). Block models have been developed for both deposits incorporating a suitable parent and sub block dimension to allow adequate volume resolution of modeled geology and mineralization. Grade interpolation (via Block Ordinary Kriging) was then undertaken using a multiple estimation pass strategy.*

*Where quoted, Mineral Resource and Ore Reserve tonnes and ounces are rounded to appropriate levels of precision, causing minor computational errors.*

*Mineral Resources are classified on the basis of drillhole spacing, geological continuity and predictability, geostatistical analysis of grade variability, sampling, analytical, spatial and density QAQC criteria and demonstrated amenability of mineralization style to proposed processing methods.*

*The information in this report which relates to the Wiluna and Wilsons Underground Ore Reserves is based on and accurately reflects the information compiled by Mr Blair Duncan a consultant to the company and Principal of Arbitrage Consulting Australia Pty Ltd. The information in this report which relates to the Wiluna Open Pit Ore Reserve is based on and accurately reflects the information compiled by Mr Linton Putland a consultant to the company and Principal of Linton Putland and Associates Pty Ltd. Mr. Duncan and Mr. Putland are members of The Australasian Institute of Mining and Metallurgy ("AusIMM") and have sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a 'Competent Person' as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Duncan and Mr. Putland consent to the inclusion in this report of the matters based on information in the form and context in which it appears.*

*The current Wiluna East Lode open pit resource contains zones of cavities from previous underground mining activities and zones of backfill where these cavities have been filled with waste material, often mineralised.*

Table 1. New Premium and Cascade drill intersections calculated using a 1g/t gold cutoff.

Hole ID	Northing	Easting	Azim	Dip	From, m	To, m	Shoot	Downhole length, m	Est. true width, m	Grade, g/t Au
AGDD74	6983721	739220	280	-58.5	176.0	181.8	Premium	5.8	4.7	5.2
and					118.0	119.0	Premium	1.0	0.8	9.5
AGDD75	6983721	739221	282	-64	205.0	210.0	Premium	5.0	4.0	4.2
AGDD76	6983718	739223	254	-68	175.0	177.5	Premium	2.5	2.0	16.8
AGDD78	6983788	739273	275	-54	217.2	219.4	Premium	2.2	2.0	1.9
AGDD79	6983788	739275	279	-60	160.0	161.0	Premium	1.0	0.9	8.8
AGDD80	6983788	739276	288	-56	175.0	176.0	Premium	1.0	0.9	2.8
AGDD81	6983551	739216	232	-58	237.7	239.3	Cascade	1.6	1.4	7.4
and					252.0	254.0	Cascade	2.0	1.75	8.2
and					271.0	276.3	Cascade	5.3	4.6	1.8
and					282.4	285.5	Cascade	3.1	2.7	3.0
AGDD82	6983551	739217	241	-57	243.7	250.6	Cascade	6.9	6.0	3.8
Incl.					248.6	250.7	Cascade	2.1	1.8	9.8
and					272.0	274.0	Cascade	2.0	1.75	3.7
and					279.2	282.5	Cascade	3.3	2.9	2.4
AGDD83	6983551	739217	245	-63	238.8	240.0	Cascade	1.2	1.1	3.6
and					272.2	275.0	Cascade	2.8	2.4	1.5
AGDD84	6983551	739220	265	-67	251.9	257.0	Cascade	5.1	4.4	3.0
					306.0	306.6	Cascade	0.6	0.5	33.4
AGDD97	6983554	739212	245	-62	193.5	195.0	Cascade	1.5	1.3	15.7
and					231.0	238.0	Cascade	7.0	6.1	10.1
Incl.					231.9	236.0	Cascade	4.1	3.6	14.8
and					268.0	269.0	Cascade	1.0	0.9	5.8

Figure 1. Long projection of the Premium prospect at Gidgee, showing key drilling intersections.

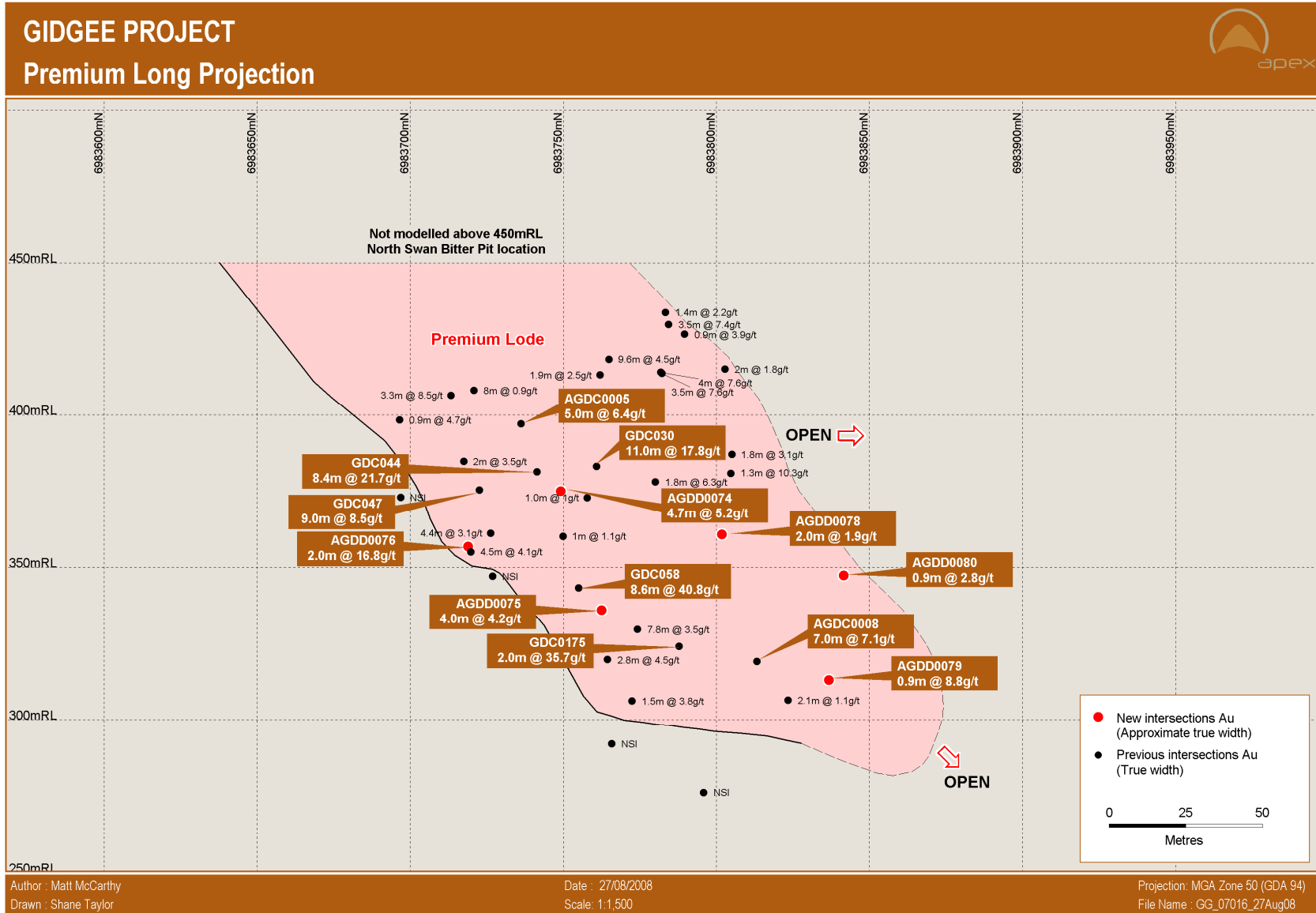


Figure 2. Cross section of the Premium prospect at Gidgee, showing key drill intersections.

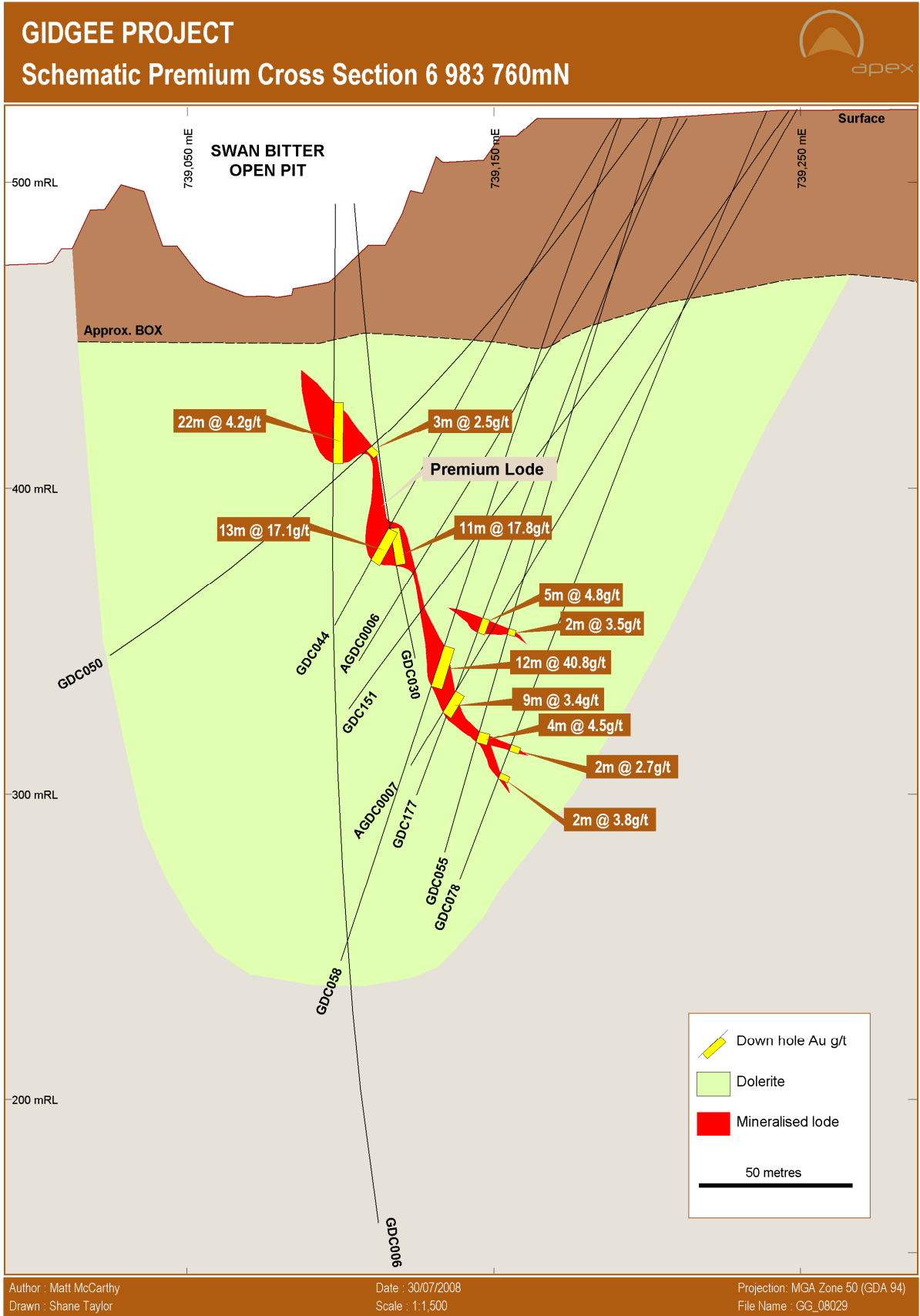


Figure 3. Plan projection of the Cascade prospect at Gidgee, showing drill intersections.

