

# **June 2012 Quarterly Activities Report**

Musgrave Minerals Limited is a dedicated exploration company focused on nickel, copper and gold in the highly prospective Musgrave Province of South Australia

ASX Code: MGV Issued Shares: 121M Cash Balance: \$13.6M ABN: 12 143 890 671

#### **Directors**

Graham Ascough Robert Waugh Kelly Ross John Percival

#### **Top shareholders**

Mithril Resources Ltd
Independence Group NL
Goldsearch Ltd
JP Morgan Nominees Australia Ltd
Barrick (Australia Pacific) Ltd
Integra Mining Ltd

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# **Highlights**

# Strong financial position with \$13.6M cash

# **Mimili Project**

 Primary copper mineralisation identified in Reverse Circulation ("RC") drilling program at the Moorilyanna Prospect

# **Deering Hills Project**

 Disseminated and stringer nickel-copper sulphides in Giles Complex gabbro's intersected at Deering Hills in diamond core

#### Mt Woodroffe Project

 High priority versatile time-domain electromagnetic ("VTEM") target identified co-incident with geochemical, magnetic and gravity anomaly

# Other projects

 Four additional exploration licences with a total area of 7,300km<sup>2</sup> granted to Musgrave Minerals

# **Upcoming plans**

- Deering Hills vacuum drilling program to re-commence in August
- Ground EM survey at Mt Woodroffe
- New regional airborne VTEM survey commenced



### Introduction

Musgrave Minerals Limited is an Australian-based exploration company focused on the Musgrave Geological Province of South Australia. The Musgrave tenements are prospective for nickel and copper sulphides within the mafic/ultramafic Giles Complex intrusives, base metal mineralisation within the Birksgate Complex, shear-hosted hydrothermal copper, silver and gold and pegmatite-hosted rare earth element ("REE") mineralisation.

During the June 2012 quarter, the Company commenced a reverse circulation ("RC") drilling program at the Moorilyanna Prospect, part of the Mimili Project, and a diamond drilling program at the Deering Hills Project.

Musgrave also received the grant of four new exploration licences in far north-west South Australia, which has doubled the Company's granted tenure from 5,590km<sup>2</sup> to 12,800km<sup>2</sup>.

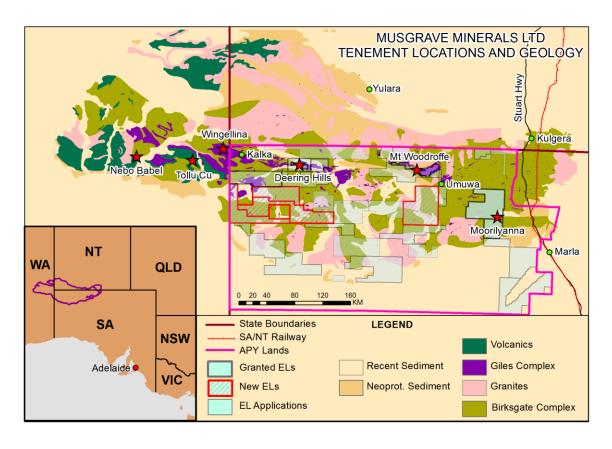


Figure 1: Musgrave Minerals project location map



### **Corporate**

During the period, the Company spent \$1.31 million on exploration activities as summarised in the Exploration Activities section of this report.

At the end of the June 2012 quarter, the Company was well resourced to systematically explore within its Musgrave exploration land holdings and evaluate other opportunities with more than \$13.6 million in cash.

### **Exploration Activities**

The Company's exploration during the June 2012 quarter focused on the Mimili, Deering Hills and Mount Woodroffe Projects. Drilling was undertaken on two main projects areas – Moorilyanna, which is part of the Mimili Project, and at Deering Hills.

Drilling at the Moorilyanna copper prospect, consisted of testing six basement targets at shallow to moderate depths. All targets are coincident with existing near-surface copper mineralisation and Induced Polarisation ("IP") geophysical anomalies. The program consisted of 19 RC holes over seven drill traverses for approximately 2,982m, with target depths varying from 80m to 180m. Primary hydrothermal copper mineralisation was intersected within multiple targets over narrow widths.

Musgrave's activities at Deering Hills focused on drill testing two basement targets (Valen and Galen) and continuing to define new targets through the acquisition of regional data. This included geological mapping, a regional gravity survey and targeted vacuum geochemical drilling.

The Valen and Galen targets were identified through airborne electromagnetic survey as late time conductors at shallow-moderate depths. Four diamond drill holes for a total of 552.2m where drilled to test these targets. Disseminated and stringer copper sulphides were intersected in Giles Complex gabbro's at Valen with the best intersection up to 0.3% Cu over narrow width.

The regional geochemical vacuum drilling program continued at Deering Hills where 139 holes for 3,046.9m were drilled within the interpreted prospective Giles corridor. The program has identified a number of regional nickel-copper-PGE geochemical anomalies for follow-up.

Surface mapping and sampling at Mt Woodroffe has highlighted a high priority co-incident electromagnetic, geochemical and magnetic target for follow-up exploration and drill testing.



# **Mimili Project**

#### EL3954 & EL3955 (100% Musgrave Minerals Ltd)

The Mimili Project consists of two wholly-owned exploration licences, EL3954 and EL3955, and is located in the eastern portion of the Musgrave region.

The Moorilyanna copper-gold prospect was identified by Musgrave Minerals and is predominantly located on tenement EL3955 less than 40km from the Stuart Highway and Adelaide to Darwin rail line.

### **Moorilyanna Prospect**

#### EL3955 and EL3954 (100% Musgrave Minerals Ltd)

Musgrave Minerals commenced an RC drilling program at its Moorilyanna Prospect in early April 2012. The program aimed to test six basement targets at shallow-moderate depths. All six targets were co-incident with existing near-surface copper mineralisation and IP geophysical anomalies.

The program consisted of 19 RC holes (Figure 2) testing all six targets over seven drill traverses for a total of 2,982m. Drill hole depths varied from 36m to 282m.

Hydrothermal copper mineralisation was intersected in a number of holes with best results received in drill hole MOORC005 which intersected 2m @ 0.41% Cu from 94m down hole. Other intersection include 15m @ 0.11% Cu from 85m in MOORC005, 10m @ 0.18% Cu from surface in MOORC006 and 10m @ 0.1% Cu from 35m in MOORC013. Analytical results are shown in Appendix 1.

Drilling data is currently being compiled and the remaining targets assessed. The IP anomalies are interpreted to reflect the response from a combination of sulphide mineralisation and magnetite.

Drill hole MOORC004 has returned anomalous Pb, Zn, Cu and Ag and will be assessed during the September quarter. Values up to 0.3% Pb and 0.1% Zn were recorded over a 5 metre interval from 40m down hole. The Pb-Zn mineralisation is associated with elevated copper, silver and gold. All significant drill results are recorded in Appendix 1.

Drill hole MOORC016 into the Ragner target stopped short of the IP target at 174m due to high water inflow and poor drill penetration. The hole ended in sheared and altered gabbro with disseminated chalcopyrite in an interpreted structure on the edge of the regional graben. Best assay returned 1m @ 0.14% Cu from 172m down hole. This result is encouraging. The target is still open and not yet adequately drill tested (Figure 3).

In addition, surface rock chip sampling and mapping was undertaken on the Mimili project with assay results expected in the September quarter.



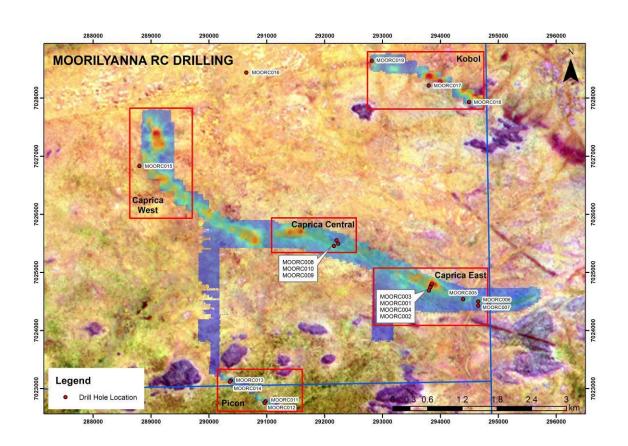


Figure 2: Location of Moorilyanna RC drilling and Aster image with surface copper geochemistry grid

Further field mapping of new targets, reconnaissance sampling and a new airborne VTEM survey are planned to commence early in the September quarter over new target areas within tenement EL3955. The new airborne survey is aimed at identifying additional targets and will consist of more than 500 line km and cover an area of 146km<sup>2</sup> over five individual blocks.

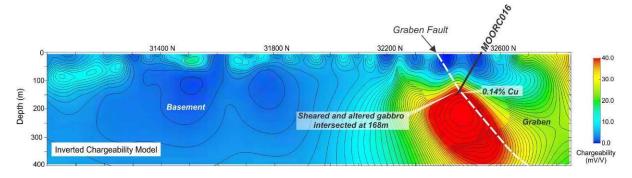


Figure 3: IP inverted chargeability model for Ragner cross section showing untested target



# **Deering Hills Project**

#### EL3941 & EL3942 (100% Musgrave Minerals Ltd)

The Deering Hills Project is in the centre of the Musgrave geological province; about 200km west of the Stuart Highway and Adelaide to Darwin rail line (Figure 1).

During the quarter, Musgrave Minerals drill tested two targets (Valen and Galen) (Figure 5) at Deering Hills. Both targets are late time ground electromagnetic ("EM") conductors at shallow depths under thin sand cover. The diamond drilling program consisted of four diamond drill holes for a total of 552.2m. Disseminated and stringer sulphides was intersected in both holes. Nickel-copper sulphides associated with Giles complex rocks were intersected at the Valen target including what is interpreted to be remobilised stringer sulphides at Valen (Figure 4 & 5). Best result was 0.31m @ 0.25% Cu from 116.07m down hole in DEEDDH004.

This result is encouraging as it supports the hypothesis that we could be close to larger higher grade sulphide targets nearby. This is encouraging for the adjacent targets at Pallatu (see Figure 5). Diamond drill results from the current program are recorded in Appendix 2.

A strong off-hole conductor was identified through down-hole EM to the south west of Valen. This target has yet to be drill tested.

The Giles Formation is the host to the massive Nebo-Babel nickel-copper sulphide deposit in the Musgrave province of Western Australia.



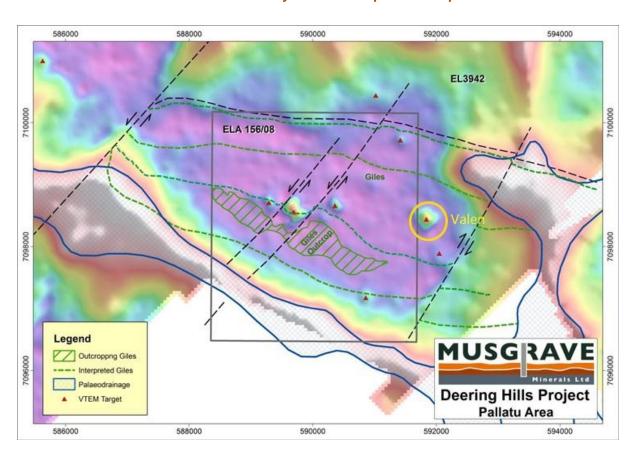


Figure 4: Valen drill target shown on airborne conductivity image within the Deering Hills Project

A regional gravity survey was undertaken at Deering Hills during the quarter. 1774 stations were collected on a 1km x 500m grid. The survey (Figure 5) provided excellent definition of Giles Complex units and major structures and in conjunction with geochemical results will help to prioritise targets for drilling.



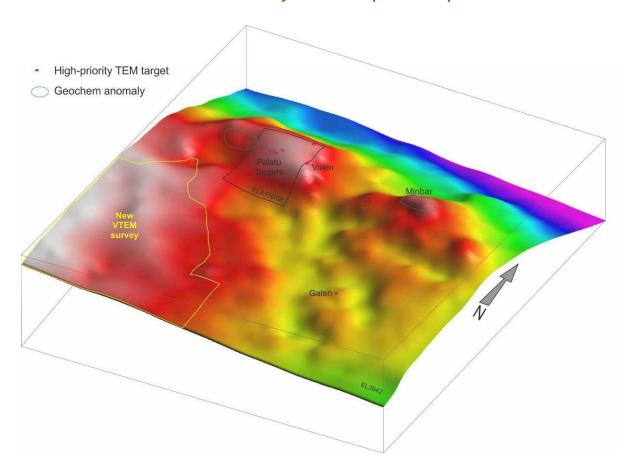


Figure 5: 3D gravity image showing Pallatu EM targets in relation to regional Ni-Cu-PGE geochem anomalies and new VTEM survey area

A ground EM survey was undertaken and defined the Sheridan target for drill testing. The target is situated adjacent to an interpreted pyroxenite unit on a geological fold hinge. In addition down hole EM was undertaken on ten diamond drill holes completed in 2011 and early 2012. Down-hole EM conductors were identified adjacent to three targets at NaToth, Turlan and Valen.



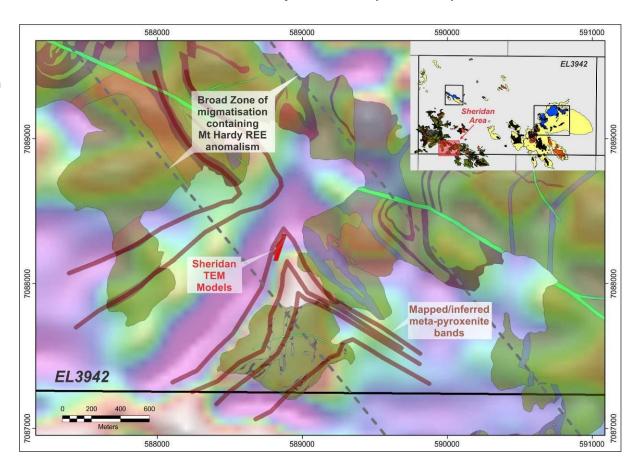


Figure 6: Sheridan TEM target

An airborne VTEM survey is planned to commence early in the September quarter in the south-west of the project area (Figure 5). The new airborne survey is co-incident with a regional gravity anomaly and mapped Giles intrusive lithologies. The survey will consist of 450 line km and cover an area of 90km<sup>2</sup> not previously flown.

# **Mt Woodroffe Project**

#### EL3940 (100% Musgrave Minerals Ltd)

The Mt Woodroffe Project is situated on wholly-owned tenement EL3940, located approximately 115km west of the Stuart Highway and the Adelaide to Darwin rail line in the Eastern Musgrave geological province of South Australia (Figure 1).

Field checking and reconnaissance sampling of priority VTEM targets was undertaken. Analytical results for these rock chip and stream sediment samples are expected in August.

A high priority VTEM target has been highlighted for follow-up ground EM. The target is co-incident with surface nickel-copper geochemistry and a gravity and magnetic high. The target titled 'Lister'



(Figures 7 and 8) is in an excellent geological location at the confluence of a major sheared gabbroic breccia zone with the Mt Woodroffe Giles mafic intrusion. The gabbroic breccia could represent a conduit or feeder zone to the main intrusive. The coincident VTEM, magnetic, gravity and geochemical anomalies occur at the junction of the two geological features in a similar setting to many known mineralized magmatic nickel, copper systems.

Further field mapping and a ground EM survey is planned for the September quarter with drilling to follow pending results.

An airborne VTEM survey is planned to commence early in the September quarter to the west of the current targets. The new airborne survey is co-incident with a regional gravity anomaly and chonolithic magnetic anomaly defined from 3D magnetic imaging (Figure 8). The survey will consist of more than 600 line km and cover an area of 168km<sup>2</sup>.

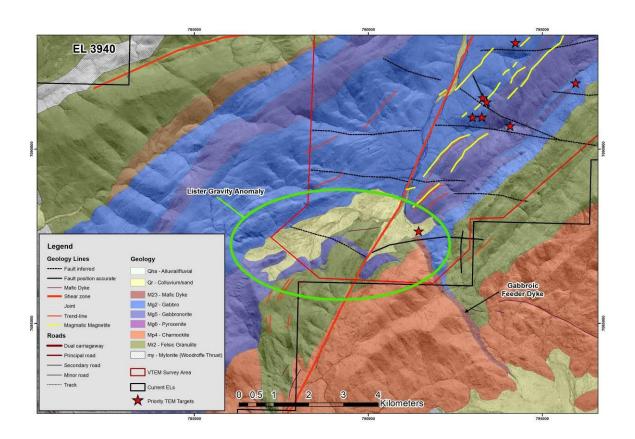


Figure 7: Mt Woodroffe Project showing 'Lister' target



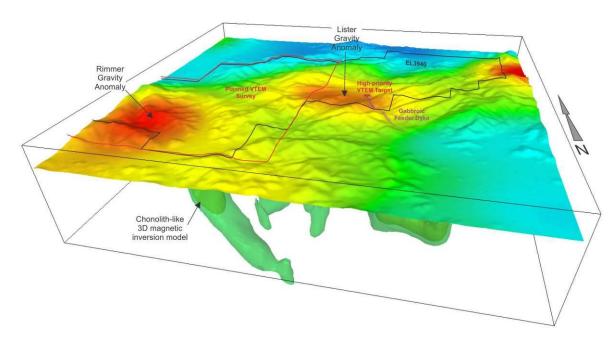


Figure 8: Mt Woodroffe Project showing 'Lister' target, 3D magnetic image, regional gravity response and new VTEM survey area

# **Bryson Hill Project**

#### **EL4047 (Musgrave Minerals Ltd earning 70%)**

The Bryson Hill Project covers an area of approximately 1,535km<sup>2</sup> and is located in the far easterly portion of the Musgrave Province. Musgrave Minerals Ltd is earning a 75% interest in the project from Pitjantjatjara Mining Company Pty Limited and Zeil No. 1 Pty Limited.

The tenement is covered by spinifex sand plains and dunes with only very minimal sub-crop. Little previous exploration has been undertaken within the tenement area. A regional airborne VTEM survey is planned to commence in July over three blocks within EL4047 and will consist of 815 line kilometres covering 240km<sup>2</sup>.



# **Other Projects**

A small airborne VTEM survey is planned to commence on wholly–owned tenement EL3939 and will consist of 88 line kilometres covering 25km<sup>2</sup>.

During the quarter, Musgrave was granted four exploration licences covering a combined area of 7,300km<sup>2</sup> (Figure 9). These licences more than double the Company's current explorable ground holding. Musgrave is the first company to hold an active exploration tenement in this part of the region.

Musgrave signed a Deed of Exploration with the executive Board of Anangu Pitjantjatjara Yankunytjatjara ("APY" – a body corporate established by the APY Lands Rights Act 1981, SA) in relation to these four tenements. They are the first mineral exploration licences granted in APY Lands since 2008, making it a significant milestone for the Company and highlighting the strong relationship Musgrave has already forged with APY.

Musgrave Minerals holds a 100% interest in three of the licences (EL4850, EL4852, and EL4853) and can earn up to a 75% interest in EL4851.

The new licences cover areas that are considered very prospective for magmatic nickel-copper sulphide deposits and are interpreted to be predominantly covered by thin (<20m) sand with minor outcropping and sub-cropping geology. The region is host to the large Nebo-Babel nickel-copper sulphide deposit in the West Musgrave currently held by BHP Billiton.

With the newly granted licences, Musgrave Minerals has a total of 11 granted exploration licences and 32 exploration licence applications in the South Australian portion of the Musgrave Province.

Planning and interpretation was undertaken on these new tenements during the quarter although no field work was undertaken. Initial heritage surveys are required before field work can commence.



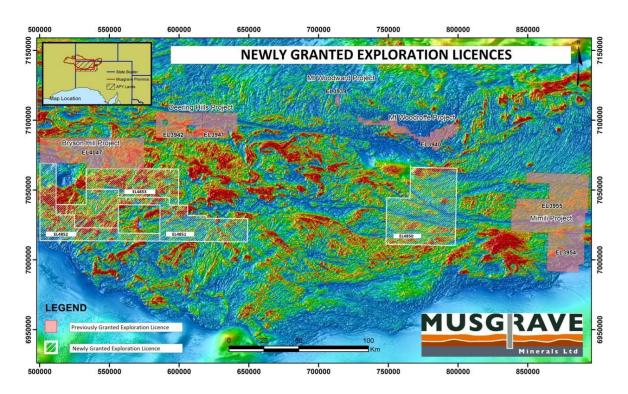


Figure 9: Location of new tenements granted during the June 2012 quarter.

## **Upcoming plans**

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During the September 2012 quarter, Musgrave Minerals is planning the following activities:

- Complete regional vacuum drilling program at Deering Hills to outline new drill targets;
- Continue reconnaissance and surface sampling of Mt Woodroffe and Mimili target areas;
- Complete regional airborne VTEM survey;
- Undertake ground EM survey on the Lister target at Mt Woodroffe;
- Continue heritage surveys on new exploration areas;



#### **Enquiries:**

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#### About Musgrave Minerals

Musgrave Minerals Ltd has a massive exploration footprint in the Musgrave Province in South Australia, with tenements covering an area of approximately 50,000km<sup>2</sup> – which equates to approximately 5% of the State. The Company has a powerful shareholder base with six mining and exploration companies participating as cornerstone investors.

The Musgrave Province is one of the last under-explored exploration frontiers in Australia and is prospective for a number of commodities. The centrepiece is the recognition of, and access to, the unexplored potential of the Giles Complex, a 1080Ma aged mafic-ultramafic layered intrusive complex that hosts significant nickel and copper sulphide deposits (such as the Nebo/Babel deposit) in the Western Australian portion of the Province.

The information in this report that relates to Exploration Results is based on information compiled by Mr Robert Waugh. Mr Waugh is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and a member of the Australian Institute of Geoscientists (AIG). Mr Waugh is Managing Director of Musgrave Minerals Limited. Mr Waugh has sufficient industry experience to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Waugh consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.



#### Appendix 1: Summary of Moorilyanna Drill Hole Locations and Significant Results

	Drill Hole ID	Easting (m)	Northing (m)	Azimuth (degrees)	Dip (degrees)	Total Depth (m)	From (m)	To (m)	Interval (m)	Cu (ppm)	Ag (ppm)
	MOORC001	293836	7024776	200	-60	180	87	89	2	2588	1.3
	MOORC002	293801	7024688	20	-60	36				NSA	
	MOORC003	293852	7024801	20	-60	84				NSA	
\	MOORC004	293826	7024742	20	-60	132	30	45	15	998	0.8
	MOORC005	294395	7024537	20	-60	120	85	100	15	1078	0.3
	WOOKCOOS	294393	7024557	20	includi	ing	94	96	2	4199	8.0
	MOORC006	294654	7024499	360	-60	174	0	10	10	1802	0.2
	MOORC007	294654	7024427	360	-60	174					
	MOORC008	292203	7025552	20	-60	204					
	MOORC009	292160	7025455	20	-60	252					
	MOORC0010	292234	7025496	20	-60	204					
	MOORC0011	290979	7022781	25	-60	84					
	MOODCOOAO	200000	7000750	0.5	00	400	40	45	5	1120	-
	MOORC0012	290960	7022756	25	-60	126	105	108	3	1309	-
							35	45	10	1049	0.1
	MOORC0013	290380	7023141	35	-60	72	20	22	2	1050	0.1
							34	42	8	1944	0.3
	MOORC0014	290359	7023117	35	-60	114	64	66	2	1338	0.1
	MOORC0015	288797	7026829	45	-60	198	165	170	5	1091	0.3
	MOORC0016	290647	7028440	180	-60	174	172	173	1	1374	0.3
	MOORC0017	293799	7028217	360	-60	252				NSA	
	MOORC0018	294497	7027932	360	-60	282				NSA	
	MOORC0019	292814	7028643	180	-60	120				NSA	
						•					
)	Drill Hole ID	Easting (m)	Northing (m)	Azimuth (degrees)	Dip (degrees)	Total Depth (m)	From (m)	To (m)	Interval (m)	Pb (ppm)	Zn (ppm)
	MOORC004	293836	7024776	200	-60	180	40	45	5	3166	1104

Drill Hole ID	Easting (m)	Northing (m)	Azimuth (degrees)	Dip (degrees)	Total Depth (m)	From (m)	To (m)	Interval (m)	Pb (ppm)	Zn (ppm)
MOORC004	293836	7024776	200	-60	180	40	45	5	3166	1104

#### Notes

- Co-ordinates are in UTM grid (GDA94 Z53) and have been measured by hand-held GPS
- 2. Drilling was undertaken utilising a truck mounted reverse circulation drilling rig.
- 3. Drilling utilised a combination of RC pre-collar and diamond drilling with standard HQ and NQ core diameters
- All samples are analysed as 5m composites
- Individual 1m samples were analysed where elevated copper was identified 5.
- Sample preparation and sample analysis is undertaken by Intertek Genalysis, Alice Springs, Northern Territory and Wingfield, South Australia respectively
- 7. Sample preparation by dry pulverisation and nickel, copper analysis by ICP-OES and ICP-MS to 0.5ppm
- An accurate dip and strike of the mineralisation is yet to be determined and the true width of the intercepts is not yet 8. known
- 9. NSA (no significant assay) - assay below 1000ppm Cu
- 10. ppm (parts per million)
- 11. ppb (parts per billion)



#### Appendix 2: Summary of Deering Hills Drill Hole Locations and Results

Drill Hole ID	Prospect	Easting (m)	Northing (m)	Azimuth (degrees)	Dip (degrees)	Total Depth (m)	Maximum Cu (ppm)	Maximum Ni (ppm)	Combined Pt, Pd & Au (ppb)
DEEDDH001	Valen	591785	7098490	225	-60	138.1	724	280	70
DEEDDH002	Galen	597625	7092030	225	-60	167.8	1062	162	81
DEEDDH003	Galen	597605	7091980	225	-60	99.6	996	339	76
DEEDDH004	Valen	591765	7098400	270	-60	138.0	2537	138	19

#### Notes

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- 12. Co-ordinates are in UTM grid (GDA94 Z52) and have been measured by hand-held GPS
- 13. Drilling was undertaken utilising a Boart Longyear LF90 skid mounted diamond drilling rig.
- 14. Drilling utilised a combination of RC pre-collar and diamond drilling with standard HQ and NQ core diameters
- 15. All samples are quarter core and are split using a diamond core saw
- 16. Individual samples are defined on geological intervals with no individual interval greater than 2m
- 17. Sample preparation and sample analysis is undertaken by Intertek Genalysis, Alice Springs, Northern Territory and Wingfield, South Australia respectively
- 18. Sample preparation by dry pulverisation and nickel, copper analysis by ICP-OES and ICP-MS to 0.5ppm
- 19. An accurate dip and strike of the mineralisation is yet to be determined and the true width of the intercepts is not yet known
- 20. ppm (parts per million)
- 21. ppb (parts per billion)

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# Appendix 5B

# Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001.

Name of entity

MUSGRAVE MINERALS LIMITED

ABN

12 143 890 671

Quarter ended ("current quarter")

30 June 2012

#### Consolidated statement of cash flows

		Current quarter	Year to date
Cash f	ows related to operating activities	\$A'000	(12 months)
1.1	Receipts from product sales and related debtors		\$A'000
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for (a) exploration and evaluation	(1,312)	(3,861)
	(b) development	-	-
	(c) production	-	-
4.0	(d) administration	(359)	(1,069)
1.3	Dividends received	-	- 077
1.4 1.5	Interest and other items of a similar nature received	411	877 (10)
1.6	Interest and other costs of finance paid Income taxes paid	(2)	(10)
1.7	Other	-	_
	Net Operating Cash Flows	(1,262)	(4,063)
	Cash flows related to investing activities		
1.8	Payment for purchases of: (a) prospects	_	_
1.0	(b) equity investments	_	_
	(c) other fixed assets	(16)	(152)
1.9	Proceeds from sale of: (a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	-
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other	(16)	(152)
	Net investing cash flows	(10)	(132)
1.13	Total operating and investing cash flows (carried	(1,278)	(4,215)
1.10	forward)	(1,210)	(1)210)

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<sup>+</sup> See chapter 19 for defined terms.

# Appendix 5B Mining exploration entity quarterly report

1.13	Total operating and investing cash flows (brought forward)	(1,278)	(4,215)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc	-	-
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	-	66
1.17	Repayment of borrowings	(12)	(48)
1.18	Dividends paid	-	-
1.19	Other (Share Issue Costs)	-	(14)
	Net financing cash flows	(12)	4
	Net increase (decrease) in cash held	(1,290)	(4,211)
1.20	Cash at beginning of quarter/year to date	14,861	17,782
1.21	Exchange rate adjustments to item 1.20	· -	-
1.22	Cash at end of quarter	13,571	13,571

Payments to directors of the entity and associates of the directors Payments to related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	113
1.24	Aggregate amount of loans to the parties included in item 1.10	

1.25 Explanation necessary for an understanding of the transactions

Directors' fees, salary payments and superannuation.

# Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

Nil			

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

Nil			

<sup>+</sup> See chapter 19 for defined terms.

# Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities	-	-
3.2	Credit standbyarrangements	-	-

# Estimated cash outflows for next quarter

	Total	1,310
4.3	Administration	270
4.2	Development	-
4.1	Exploration and evaluation	1,040
		\$A'000

# **Reconciliation of cash**

the co	nciliation of cash at the end of the quarter (as shown in insolidated statement of cash flows) to the related items accounts is as follows.	Currentquarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	461	781
5.2	Deposits at call	13,110	14,080
5.3	Bank overdraft	-	-
5.4	Other	-	-
	Total: cash at end of quarter (item 1.22)	13,571	14,861

# Changes in interests in mining tenements

6.1	Interests in mining tenements relinquished, reduced or lapsed

6.2 Interests in mining tenements acquired or increased

Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
EL4850	Holder	0%	100%
EL4851	Joint Venture	0%	0%
EL4852	Holder	0%	100%
EL4853	Holder	0%	100%

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<sup>+</sup> See chapter 19 for defined terms.

# Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

			Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
)	7.1	Preference *securities(descript ion)	-	-	-	-
<u>-</u>	7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions	-	-	-	-
	7.3	<sup>+</sup> Ordinary securities	121,000,000	94,500,000	Fully paid	Fully paid
_	7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs				
	7.5	*Convertible debt securities (description)	-	-	-	-
	7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted	-	-	-	-
	7.7	Options (description and conversion factor)	4,750,000 2,500,000 7,750,000 500,000 525,000		\$0.36 \$0.50 \$0.25 \$0.36 \$0.25	Expiry Date 17/02/16 17/02/16 19/04/16 08/05/16 23/01/17
	7.8	Issued during quarter			Exercise Price	Expiry Date
	7.9	Exercised during quarter				
-	7.10 7.11	Expired/lapsed during quarter  Debentures	-	-		
		(totals only)				

<sup>+</sup> See chapter 19 for defined terms.

7.12	Unsecured notes	-	-
	(totals only)		

# **Compliance statement**

- This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here:

Donald Haghens

Date: 23July 2012

Print name:

Donald Stephens (Company Secretary)

# **Notes**

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- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- The definitions in, and provisions of, AASB 1022: Accounting for Extractive Industries and AASB 1026: Statement of Cash Flows apply to this report.
- Accounting Standards ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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<sup>+</sup> See chapter 19 for defined terms.