

TASMANIAN ADVANCED MINERALS PTY LTD
P.O.Box 378, Wynyard
Tasmania 7325

**EL35/2003 Stephens Rivulet – Hawkes Creek
Drilling at Hawkes Creek, 2008**

Volume 1 of 1

Prepared by N. J. Turner Geological Services Pty Ltd
65 Lochner St, West Hobart, Tasmania 7000

4th October, 2008

CONTENTS

	Page
1 Summary	2
2 Introduction	2
3 Materials and geology	2
4 Drilling	3
5 Results	3
6 Conclusions	4
7 Environmental matters	4
8 References	4
TABLE 1 Intercepts of potentially commercial silica flour	5
LIST OF FIGURES	
Figure 1 Locality map	
Figure 2 Differential GPS survey	
Figure 3 Drilling 2004, 2008	
LIST OF APPENDICES	
Appendix 1 Drill logs, 2008	6
Appendix 2 Resource models	19
Appendix 3 Chemical and grainsize analyses	20

1 Summary

- A total of 40 drill intersections were made in the Hawkes Creek silica flour deposit during the 2004 and 2008 rounds of drilling.
- This drilling has delineated a deposit 600 m long, 8-50 m wide and 0.5-12 m thick. The average thickness is 4.35 m.
- Modelling of visually identified, commercial silica flour intercepts indicated the mass of the deposit to be 156,700 tonnes $\pm 10\%$.
- The proportion of clay-rich and strongly coloured waste in the deposit appears to be relatively low. The amount of waste in the form of hard lump silica is unknown, but may be substantial.
- More silica flour may be developed along strike to the northwest and southeast of the Hawkes Creek deposit.

2 Introduction

This report records a drilling program that was carried out in July-August, 2008 at the Hawkes Creek silica flour prospect in Exploration Licence 35/2003. The purpose of the program was to infill previous, widely spaced drilling (Turner, 2005) and the result has been a much better definition of the dimensions of the silica flour resource at Hawkes Creek. This improved definition of the resource has allowed a more confident evaluation of its volume and mass.

3 Materials and geology

Silica flour at Hawkes Creek consists of quartz sand and quartz silt, and is similar to the silica flour that has been mined at Corinna for over 20 years. In both areas the silica flour is regarded as a residual material derived from silicified Proterozoic dolomite. However, unlike Corinna the Hawkes Creek deposit has no overlying cap of Tertiary sediments.

Commercial silica flour usually exhibits very pale colours including white, off-white, cream, very pale brown or very pale grey. Through innovative treatment at their new Wynyard plant, Tasmanian Advanced Minerals has extended the range of commercial silica flour to include material that contains minor to moderate clay. Some of the silica flour at Hawkes Creek contains minor to moderate clay, but much of it appears to be free of clay.

Non-commercial silica flour may be clay-rich and/or of strong colour. Colours of pale brown through to very dark brown or black reflect the presence of organic material while pale yellow through to orange-brown colours reflect elevated iron levels. At Corinna these stronger colours tend to occur erratically as irregularly shaped patches in the pale coloured, commercial silica flour. At Hawkes Creek the strongly coloured materials tend to occur at the base of the pale coloured silica flour.

In places the drilling has shown that the boundaries of the silica flour at Hawkes Creek are sharp. For example, drill holes AC08061, 63 and 68 are in fine clay whereas closely adjacent drill holes AC08070, 85 and 66 are in silica flour (Figure 3). Elsewhere, silica flour in drill holes AAH38, 51 and 37 appears to dip towards nearby drill holes AC08045, 46 where silica flour is overlain by fine clay. These relationships of the silica flour and clay are thought to reflect primary geological relationships namely; the silica flour is derived from a favourable dolomite unit that had sharp boundaries against adjacent siltstone or mudstone beds. There may be more silica flour deposits developed on this favourable dolomite unit along strike, outside the Hawkes Creek tenement.

4 Drilling

The 2008 round of drilling at Hawkes creek was carried out by Tasmanian Drilling Services of New Norfolk using truck mounted, reverse circulation equipment with a 150 psi air compressor. In soft silica flour an air core (cutting) bit was generally used while in hard lump silica a percussion (hammer) bit was necessary. Because hard lump silica is scattered through the silica flour at Hawkes Creek, multiple changes between air core and percussion bits were necessary in some holes. Not much difficulty was experienced with water in the holes indicating that the potentially commercial silica flour at Hawkes Creek is relatively dry.

Driven by returning compressed air the rock chips and fines generated by the air core and percussion bits pass up an inner rod in the drill string and into a cyclone. Samples collected at the cyclone were bagged in 1 m intervals. These samples contained steel contamination derived from the drill bits and from 'sand blasting' of the inner drill rods during the passage of material to the surface.

5 Results

Logs of the 2008 drill holes are presented in Appendix 1, which includes AMG coordinates and RLs of the holes as determined by a differential GPS survey carried out by Survey Resources of Launceston (Figure 2). The 2004 drill holes were also included in this GPS survey.

Survey Resources modelled the Hawkes Creek resource by applying the Geo Civil software package (current version) to their survey results and the combined 2004-2008, visually logged drill intercepts of potentially commercial silica flour (Table 1, Figure 3). The modelling is outlined in Appendix 2.

At the time of writing Tasmanian Advanced Minerals had analysed most of the 2008 drill samples from Hawkes Creek. The available results are presented in Appendix 3. The company is currently evaluating the results.

6 Conclusions

Drilling at Hawkes Creek has identified a potentially commercial silica flour deposit with a strike length of about 600 m. The deposit varies in width from about 8 m to about 50 m and it varies in thickness from 0.5 m to 12 m. The average thickness of the deposit from 40 drill holes is 4.35 m.

Modelling based on the 2004 and 2008 drilling results and the differential GPS survey indicate the presence of the following resource:

Volume	78,350 m ³ ±10%
Assumed density	2 tonnes/m ³
Mass	156,700 tonnes ±10%

The resource consists of very pale to pale coloured silica flour that includes substantial commercial material, but the proportion of waste in the form of hard lump silica is unknown. Not much waste in the form of clay-rich or strongly coloured material is present in the resource.

It appears that the deposit is derived from a favourable dolomite unit that is interbedded in mudstone or argillaceous siltstone. More silica flour may be present along strike to the northwest and southeast of the known deposit.

7 Environmental matters

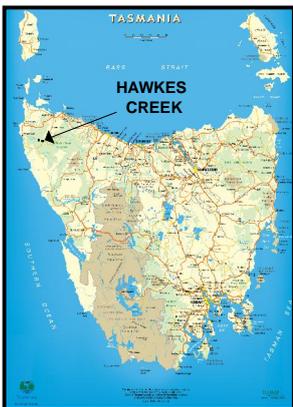
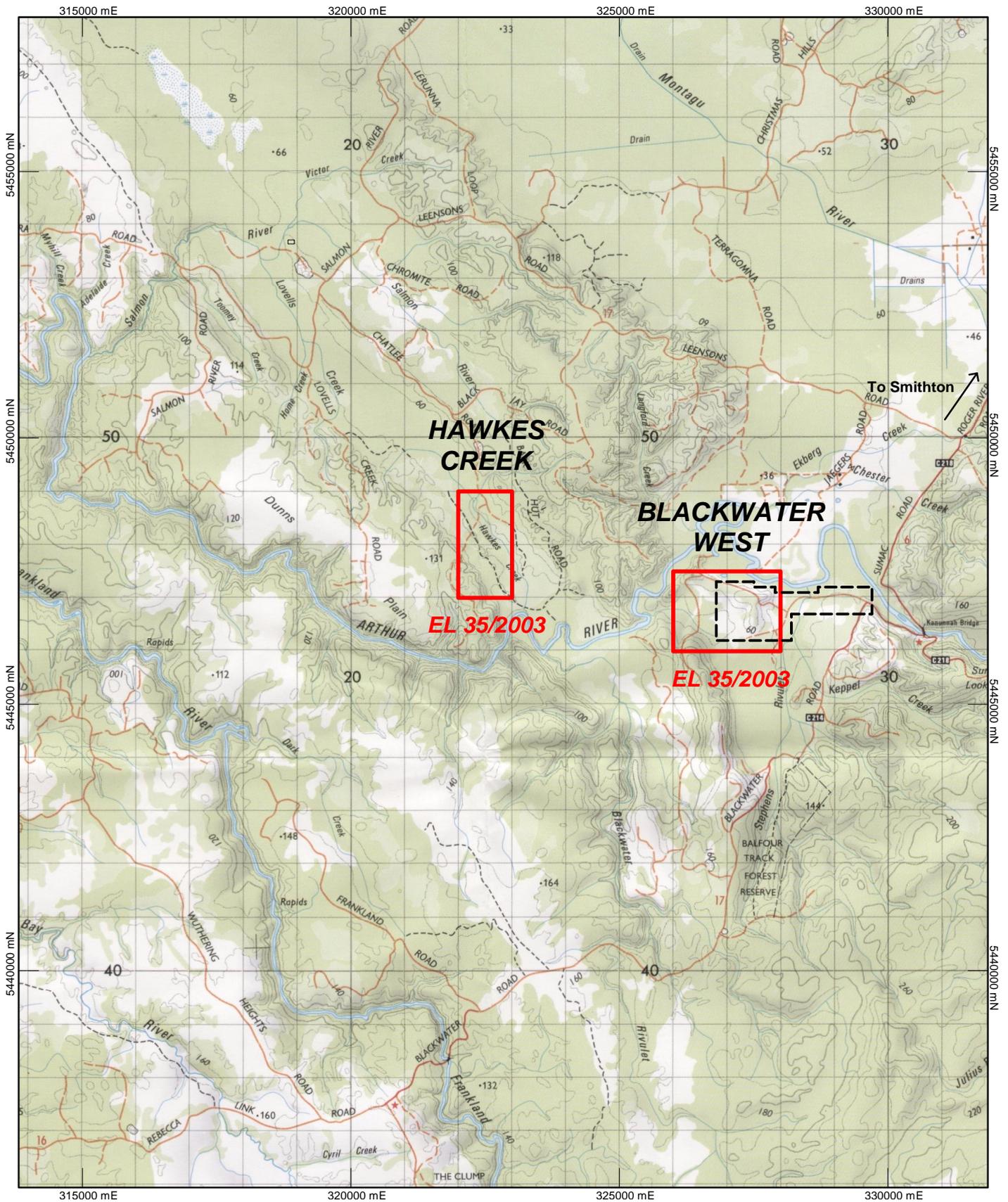
All tracks and drill sites remain open pending further work. No rehabilitation has been carried out.

8 References

Turner N. J. 2005. EI35/03 Stephens Rivulet-Hawkes Creek. Annual report to 9th March, 2005. Cominex Pty Ltd, Sumitomo Australia Ltd.

Drill Hole Number (abbreviated)	D(t)	D	D(b)
AC55	+0.5		0
AC51	+0.5		0
AC52	+0.3		3.5
AAH46	0		4.5
AC53	2		5.5
AAH45	0	4.5	
AC78	+0.3		4.5
AC80	1		5
AC79	3		7
AC82	1		5
AC83	0		8
AC81	1		7
AC48	+0.5		6.5
AAH48	0		5
AAH47	0		3
AC47	+0.3		3.5
AC46	6		10.5
AAH38	+1.5		1.5
AC45	11	14	
AC44	+0.5		0
AAH51	+1.2		7
AC75	3		6
AAH37	0		12
AC74	1		7
AC73	2		5
AAH44	0		4
AAH43	0		1.5
AC71	1		5.5
AC69	2		9
AC70	2		8.5
AAH42	0		6
AAH39	0		6
AC86	1		6
AC60	3		12
AC85	+2		4.5
AC65	+2		0
AAH41	0		4
AC66	2		8
AAH40	1		3
AC84	0		3
AAH49	0		4.5

Table 1: Visually identified intercepts of potentially commercial silica flour in the Hawkes Creek deposit. D(t)-depth to top; D-depth reached within the material of interest; D(b)-depth to bottom. Numbers preceded by + give the thickness of pale coloured silica flour in drill site cuttings, above the RL of the collar. Other numbers are depths below the drill collar.



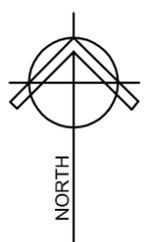
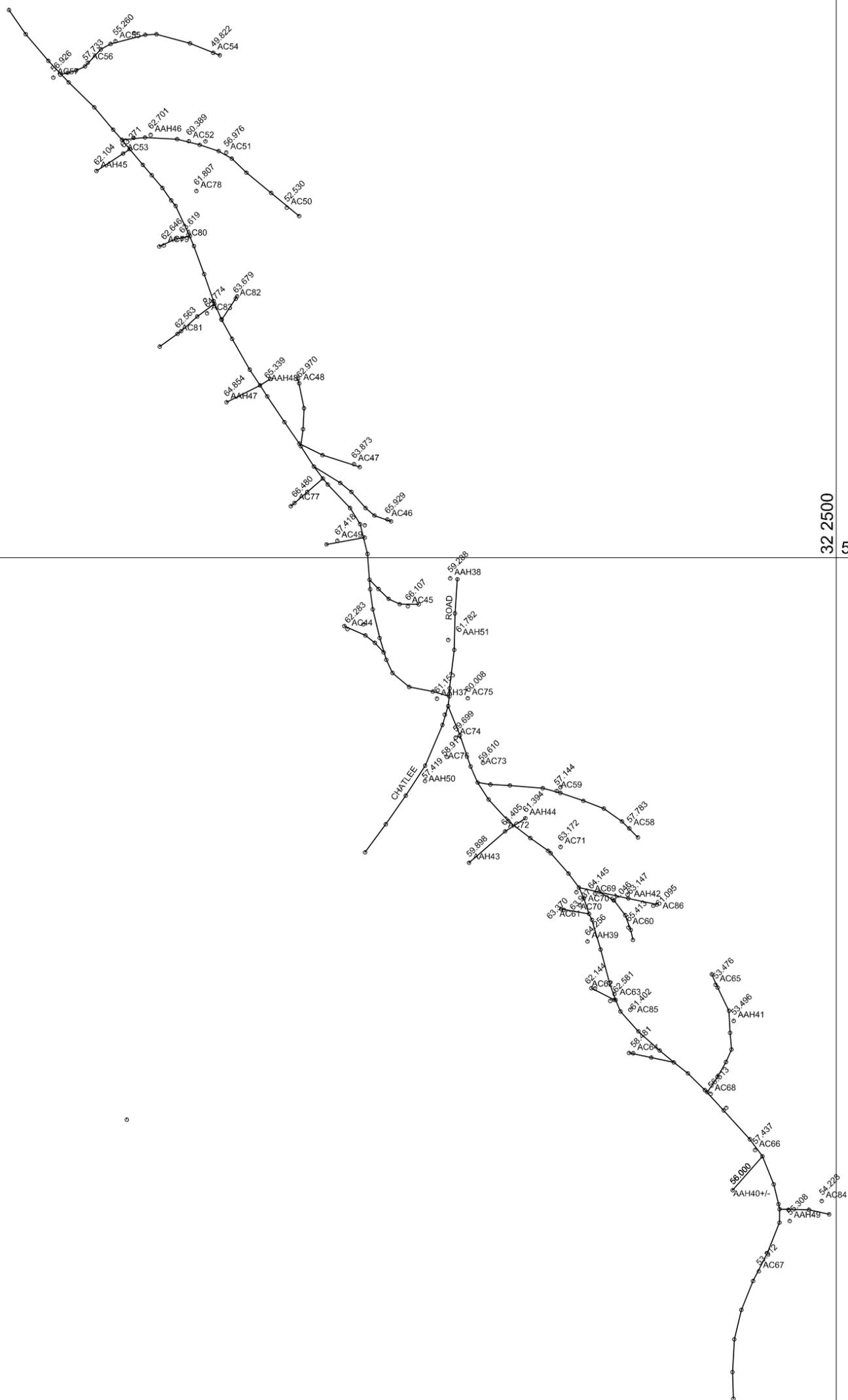
Base image by TASMAP, © State of Tasmania

TASMANIAN ADVANCED MINERALS P/L
EL 35/2003 - STEPHENS RIVULET-HAWKES CREEK

HAWKES CREEK PROSPECT LOCATION PLAN

Compiled : Nic Turner	Drawn : Gillian Bennett	Date : 08/10/2008	File : BW Location 100k.wor
Scale: 1:100,000		Projection AMG Zone 55 (AGD 66)	
0 1.25 2.5 5 km		Figure No 1	

N. J. Turner Geological Services Pty Ltd



SURVEY RESOURCES
 (A.B.N. 42 315 275 525)
 26 Holbrook St. Inveresk Telephone: (03) 6331 5721
 PO Box 1192 Facsimile: (03) 6331 5741
 Launceston Email:
 Tasmania 7250 admin@surveyresources.com.au

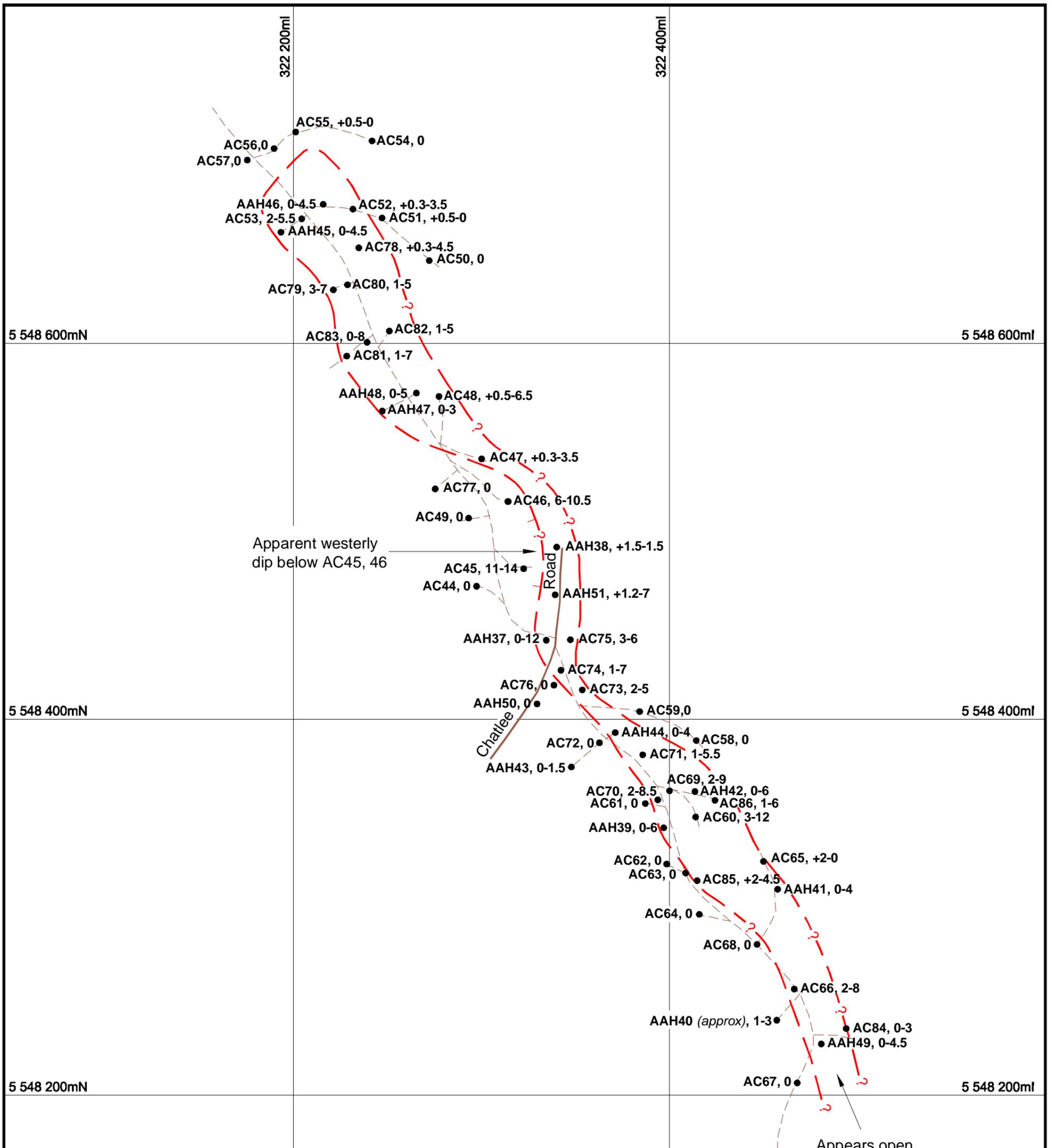
Authorised
 Land, Engineering
 & Mining Surveyors

SCALE.	1:2000 AT A3
DRAWN.	AJP
DESIGNED.	IRG
DATE.	01.09.08
APPROVED.	

**TASMANIAN ADVANCED
 MINERALS
 CHATLEE ROAD
 HAWKES CREEK
 PROSPECT**

REFERENCE:
 08.050
V01

Figure 2



LEGEND

- AC48, +0.5-6.5 Drill hole with number and depth range (metres) of potentially commercial silica flour. Hole numbers are abbreviated in the style: AC48 from AC08048, AAH48 from AAH48/04 (see 2005 Annual Report for AAH holes). Numbers preceded by + give the thickness of silica flour in drill site cuttings, above the RL of the drill collar. Other numbers are depths below the drill collar.
- AAH48, 0-5

Approximate geological boundary of main silica flour development.

NOTE:
The potentially commercial silica flour is mainly very pale brown or grey, sometimes white. It may contain minor clay. Commercial material is present, but the proportion of waste is unknown.

TASMANIAN ADVANCED MINERALS P/L
EL 35/2003 - STEPHENS RIVULET-HAWKES CREEK

HAWKES CREEK PROSPECT
RC AIR CORE/PERCUSSION DRILLING, 2008
AUGER DRILLING, 2004

Compiled : Nic Turner	Drawn : Gillian Bennett	Date : 22/09/08	Scale : 1:2000
Survey : Differential GPS by Survey Resources Launceston	File : ...	Figure No 3	

N. J. Turner Geological Services Pty Ltd

322 400mE

TASMANIAN ADVANCED MINERALS

4th October, 2008

EL35/03 Stephens Rivulet-Hawkes Creek. Drilling, 2008

Appendix 1: Drill logs, 2008

Driller: Tasmanian Drilling Services, New Norfolk, Tasmania.

Drill: Truck mounted RC air core/RC percussion

The AGD66 coordinates of drill holes and their AHD heights were determined by differential GPS measurements (Survey Resources, Launceston). GDA94 coordinates can be derived by adding 112 m to the AGD66 easting and 184 m to the AGD66 northing.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
AC08044	322297.4	5448470.7	62.3		Collared below 0.3 m humus layer and about 0.5 m of residual, very pale brown silica flour. Large lumps of very hard silica in the silica flour. Drilled air core 0-10 m.
				0-7	Medium brown, dry, extremely fine grained, powdery clay with minor quartz sand and grit.
				7-10	Similar, but dark brown.
				10	Stopped hole.
AC08045	322322.4	5448480.1	66.1		Collared below humus layer. Used hammer at 1.7-2 m, 11-14 m.
				0-11	Medium brown, extremely fine grained, powdery clay with minor quartz sand and grit.
				11-14	Very pale brown, sandy silica flour with common small fragments of lump (RC chips).
				14	Wet, hard. Abandoned hole.
AC08046	322313.9	5448515.8	65.9		Collared below 0.3 m humus layer and about 0.3 m of residual, lumpy silica flour. Air core 0-4 m; hammer 4-16 m.
				0-6	Pale, medium and dark brown, extremely fine grained, powdery clay with minor sand, grit and lump.
				6-10.5	Very pale brown, sandy silica flour with grit and lump at 6-7 m.
				10.5-13	Ultra fine, pale brown material (?clay). No grit, very minor lump.
				13-16	Medium to dark brown, sandy, gritty silica flour with a little lump.
				16	Water in hole. Hammer

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
					ports blocked. Abandoned hole.
AC08047	322300.1	5448538.5	63.9		Collared under 0.3 m humus layer and about 0.3 m of very pale brown silica flour. Drilling all air core.
				0-1	Very pale brown, sandy silica flour with grit and minor small lump.
				1-2	Pale brown, sandy silica flour with very little grit or lump.
				2-3.5	Similar, but very pale brown.
				3.5-9	Dark brown clay.
				9	Stopped hole.
AC08048	322277.4	5448571.7	63		Collared under 0.3 m humus layer and about 0.5 m of very pale brown silica flour. Air core 0-3 m; hammer 3-10 m.
				0-1	Cream, sandy silica flour with patches of pale orange.
				1-4	Very pale grey, sandy silica flour.
				4-6.5	Very pale brown, coarse grained silica-mainly hammer product.
				6.5-10	Similar, but wet and dark brown.
				10	Hole stopped.
AC08049	322293.2	5448507	67.4		Collared below humus layer. Air core 0-4.5 m; hammer 4.5-9 m; very hard 7-9 m.
				0-9	Medium and dark brown, extremely fine grained, powdery clay with minor grit and lump.
				9	Hole stopped.
AC08050	322272.2	5448644	52.5		Collared under 0.3 m humus layer and 0.7 m of black, dark grey and orange clay. All air core drilling.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				0-10	Mottled brown, white and grey clay.
				10	Hole stopped.
AC08051	322247.1	5448666.6	57		Collared under 0.3 m humus layer and about 0.5 m of very pale brown, sandy silica flour. All air core drilling.
				0-1	Medium grey, sandy, gritty silica flour with minor patches of white silica flour.
				1-10	Dark brown clay with a little orange and cream clay.
				10	Hole stopped.
AC08052	322231.6	5448671.3	60.4		Collared under 0.3 m humus layer and about 0.3 m of white, sandy silica flour. All air core drilling.
				0-3.5	Very pale brown, sandy silica flour with a little grit and lump. Mottled with minor pale brown silica flour at 2-3.5 m.
				3.5-?10	Dark brown clay.
				10	Hole stopped.
AC08053	322204.4	5448666.2	63.3		Collared under humus layer. All air core drilling.
				0-1	Medium brown, sandy silica flour with a little grit and lump.
				1-2	Similar, but pale brown.
				2-5.5	Very pale brown silica flour with moderate fines.
				5.5-10	Dark brown clay.
				10	Hole stopped.
AC08054	322241.7	5448707.7	49.8		Collared below 0.3 m humus layer and about 0.7 m of pale grey to dark grey, clayey silica flour. All air core drilling.
				0-1	Medium brown, sandy silica flour.
				1-10	Dark brown clay
				10	Stopped hole.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
AC08055	322201.2	5448712.4	55.3		Collared under 0.3 m humus layer and 0.5 m of very pale grey silica flour. All air core drilling.
				0-1	Pale brown, sandy, gritty silica flour.
				1-2	Probably similar. Wet.
				2-4	Dry sample of medium orange-brown, friable clay.
				4-6	Mainly very dark brown organics with subordinate clay and silica flour.
				6	Stopped hole.
AC08056	322189.7	5448703.6	57.5		Collared under 0.3 m humus layer. All air core drilling.
				0-1	Medium brown, gritty silica flour.
				1-5	Friable, dark brown clay.
				5-7	Moist, very dark brown clay.
				7	Hole stopped.
AC08057	322175.4	5448697.4	56.9		Collared below humus layer. All air core drilling.
				0-2.5	Pale brown, coarse grained, gritty silica.
				2.5-6	Mottled medium brown and subordinate white and yellow clay.
				6	Hole stopped.
AC08058	322414.2	5448388.7	57.8		Collared below 0.3 humus layer and 0.3 m of pale brown, clayey silica flour. All air core drilling.
				0-2	Medium brown, dry, silica flour. Very little grit or lump.
				2-5	Very dark brown, clumpy clay.
				5	Hole stopped.
AC08059	322384.1	5448404.1	57.1		Collared below 0.3 m humus layer and about 0.5 m of pale brown, clayey silica flour that contains large lumps of hard silica. All air core drilling.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				0-1	Pale brown, sandy silica flour with moderate clay.
				1-2	Black carbonaceous material and silica flour.
				2-8	Medium brown silica flour.
				8-9	Dark brown, clumpy clay.
				9	Stopped hole.
AC08060	322413.9	5448348.0	65.4		Collared below humus layer. Hammered 0-3 m. Air core 3-14 m.
				0-3	Open hole hammer through very hard lump silica.
				3-4	Very pale brown, sandy silica flour with a little clay.
				4-5	Similar, but pale brown.
				5-7	Similar, very pale brown.
				7-12	Very pale brown, sandy silica flour with very little clay.
				12-14	Very dark brown material-predominantly clay.
				14	Stopped hole.
AC08061	322387.1	5448355.2	63.4		Collared under humus layer. All air core drilling.
				0-1	Medium brown, clayey, gritty silica.
				1-9	Dry, ultra fine grained, powdery clay. Mostly medium brown, but pale brown at 5-6 m and dark brown at 6-7 m.
				9	Stopped hole.
AC08062	322400.0	5448322.8	62.1		Collared below humus layer. All air core drilling.
				0-1	Medium brown, clayey silica flour.
				1-4	Dry, ultra fine, powdery clay. Mostly medium brown.
				4-7	Dark brown, clumpy clay
				7	Stopped hole.
AC08063	322408.1	5448320.6	62.6		Collared under humus layer, in middle of track. All air core drilling.
				1-6	Dry, ultra fine, powdery

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
					clay. Medium orange.
				6-9	Dark brown, clumpy clay.
				9	Stopped hole.
AC08064	322415.8	5448296.2	58.5		Collared under humus layer. All air core drilling.
				0-1	Medium orange, clayey, gritty silica.
				1-2	Dry, ultra fine, powdery clay. Medium orange.
				2-10	Mainly dark brown, clumpy clay.
				10	Stopped hole.
AC08065	322450.0	5448324.4	53.5		0.3 m humus layer and about 2 m of very pale brown silica flour in adjacent track cutting (2 m SW). All air core drilling.
				0-6	Very dark brown, wet clay.
				6	Stopped hole.
AC08066	322466.3	5448256.4	57.4		Collared under 0.3 m humus layer and about 0.3 m of very pale silica flour. All air core drilling.
				0-2	Dry, ultra fine, powdery, medium brown clay.
				2-6	Very pale brown, sandy silica flour with moderate grit and lump.
				6-7	Similar, but medium to pale brown with more substantial fines.
				7-8	Very pale brown, sandy silica flour with moderate grit and lump.
				8-10	Dark brown, organic-rich silica flour passing to dark brown clay.
				10	Stopped hole.
AC08067	322467.9	5448206.5	53.3		Collared under humus layer. All air core drilling.
				0-1	Medium brown, gritty silica.
				1-5	Dark brown, clumpy clay.
					Mottled with orange at 3-5 m.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				5	Stopped hole.
AC08068	322447.9	5448279.5	56.5		Collared under humus layer. All air core drilling.
				0-3	Pale to medium brown, gritty and lumpy silica.
				3-18	Dry, ultra fine, powdery clay. Dark and medium brown at 3-6 m; medium brown at 6-15 m; dark brown at 15-16 m; khaki at 16-18 m.
				18	Stopped hole.
AC08069	322400.0	5448361.9	64.1		Collared just under humus layer. All air core drilling.
				0-2	Medium brown, sandy silica flour with minor clay, grit and lump.
				2-5	Mottled very pale brown and pale brown, sandy silica flour. Contains grit, lump and minor clay.
				5-9	Very pale brown, coarse grained silica flour. Gritty and lumpy. Some water contamination at 8-9 m.
				9-10	Very dark brown, clayey, gritty, lumpy silica.
				10	Stopped hole.
AC08070	322393.7	5448357.1	63.9		Collared just under humus layer. All air core drilling.
				0-2	Medium and pale brown, sandy silica flour.
				2-8.5	Very pale brown silica flour. Gritty and lumpy.
				8.5-11	Medium to dark brown, very coarse grained, gritty, lumpy silica with clumpy clay at 8.5-10 m.
				11	Stopped hole.
AC08071	322385.7	5448381.1	63.1		Collared just below humus layer. All air core drilling.
				0-1	Pale brown, sandy, gritty, lumpy silica flour.
				1-5.5	Similar, but very pale

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
					brown.
				5.5-9	Dark brown, organic-rich silica with clay clumps.
				9	Stopped hole.
AC08072	322362.7	5448387.5	61.4		Collared just below humus layer. Hammer drilling?
				0-2	Very poor recovery of gritty silica.
				2-4	Medium brown, coarse grained, gritty, lumpy silica.
				4-6	Dark brown, coarse grained, gritty, lumpy silica with clay clumps.
				6	Stopped hole.
AC08073	322353.6	5448415.6	59.6		Collared below humus layer. All air core drilling.
				0-1	Pale brown, sandy, gritty, lumpy silica flour.
				1-2	Similar, but medium brown.
				2-5	Very pale brown, sandy silica flour. Possibly contains a little clay.
				5-9	Medium to very dark brown, coarse grained, gritty, lumpy silica.
				9	Stopped hole.
AC08074	322342.2	5448426.0	59.7		Collared under humus layer. All air core drilling.
				0-1	Pale brown, sandy silica flour.
				1-7	Very pale brown, sandy silica flour with minor grit and lump.
				7-9	Possibly similar, but discoloured due to water in hole.
				9-12	Dark brown and dark orange-brown, coarse grained, sandy silica.
				12	Stopped hole.
AC08075	322347.2	5448442.2	60.0		Collared on bulldozed fill. Mainly air core drilling. Brief interval (?s) of hammering.
				0-1	Poor recovery. Mainly fill.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				1-3	Dark orange-brown, coarse grained, sandy silica.
				3-5	Pale brown, sandy silica flour. No grit or lump.
				5-6	Similar, but very pale brown.
				6-7	Discoloured by water in the hole.
				7-8	Pale brown, sandy silica flour. Minor grit and lump.
				8-10	Dark brown clay and silica.
				10	Stopped hole.
AC08076	322338.5	5448418.1	58.9		Collared under humus layer. All air core drilling.
				0-6	Unusually uniform, medium brown, sandy silica flour. Water in hole at 5-6 m
				6	Stopped hole.
AC08077	322275.4	5448522.5	66.5		Collared under humus layer. All air core drilling.
				0-2	Medium and dark brown, clayey, gritty silica flour.
				2-6	Dry, ultra fine, powdery clay. Medium to dark brown.
				6	Stopped hole.
AC08078	322234.8	5448650.8	61.8		Collared below 0.3 m of humus and about 0.3 m of very pale brown, sandy silica flour. All air core drilling.
				0-1	Pale brown, fine grained silica flour. No grit.
				1-4.5	Similar, but very pale brown.
				4.5-9	Very dark brown, organic-rich material with patches of medium brown silica flour.
				9	Stopped hole.
AC08079	322221.2	5448628.4	62.6		Collared below 0.3 m humus layer. Difficult hole. Several changes from air core to hammer and back.
				0-1	Medium brown silica flour with minor grit and lump.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				1-2	Hammer. No sample.
				2-3	Medium brown silica flour with minor grit and lump.
				3-4	Similar, but pale brown.
				4-5	Similar, but very pale brown.
				5-6	Hammer. Small sample of very pale brown silica flour.
				6-7	Pale brown, sandy silica flour.
				7-9	Medium to dark brown, sandy silica flour.
				9	Stopped hole.
AC08080	322228.7	5448631.1	63.6		Collared below 0.3 m humus layer. Air core and hammer drilling.
				0-1	Medium brown, sandy silica flour. Not much grit or lump.
				1-5	Mottled pale brown and very pale brown silica flour.
				5-6	Medium brown, sandy silica flour with grit and lump.
				6	Refusal. Abandoned hole.
AC08081	322226.9	5448592.0	62.6		Collared below humus layer. All air core?
				0-1	Medium brown, sandy silica flour with grit and lump.
				1-2	Pale brown, sandy silica flour with grit.
				2-7	Very pale brown, sandy, gritty silica flour with lump fragments at 5-7 m.
				7-8	Mixed very pale brown and medium brown silica flour.
				8-10	Dark brown, clay-rich material. Damp 9-10 m.
				10	Stopped hole
AC08082	322251.0	5448606.5	63.7		Collared below 0.3 m humus layer. Air core and hammer drilling.
				0-1	Medium brown silica flour. Very little grit or lump.
				1-2	Similar, but pale brown.
				2-3	Similar, but very pale brown.

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
				3-4	Small sample. Dark brown. Clayey. Contaminated during change to hammer.
				4-5	Pale brown silica flour.
				5-7	Medium brown silica flour with patches of pale and dark brown.
				7	Stopped hole.
AC08083	322239.2	5448600.5	64.8		Collared below 0.3 m humus layer. All air core drilling.
				0-8	Very pale brown, sandy, gritty, lumpy silica flour.
				8-10	Damp, very dark brown clay with subordinate silica.
				10	Stopped hole.
AC08084	322494.0	5448235.4	54.2		Collared just below humus layer. All air core drilling.
				0-3	Pale to very pale brown silica flour with minor organic-rich patches. Substantial fines, maybe a little clay and a little grit.
				3-8	Medium to very dark brown, lumpy silica, organic material and clay.
				8	Stopped hole.
AC08085	322414.6	5448314.1	61.4		Collared below the humus layer and below about 2 m of very pale brown silica flour with not much grit or lump. Air core and hammer drilling.
				0-2	Very pale brown silica flour. Little grit or lump.
				2-4.5	Very pale brown, sandy silica flour with common grit and lump.
				4.5-6	Hard hammering that produced dark brown, gritty silica.
				6	Hole abandoned.
AC08086	322424.1	5448356.9	61.1		Collared below the humus layer and about 0.3 m of

Hole Number	AGD66 E (m)	AGD66 N (m)	AHD (m)	Interval (m)	Comments
					very pale brown, sandy, lumpy silica flour. Air core drilling.
				0-1	Mixed dark brown and very pale brown, sandy silica flour with a little clay.
				1-2	Mottled pale brown and very pale brown silica flour with a little clay.
				2-5	Similar, but coarser with no clay.
				5-6	Similar to 1-2 m.
				6	Bottom of potentially commercial material.

TASMANIAN ADVANCED MINERALS

4th October, 2008

EL35/2003 Stephens Rivulet-Hawkes Creek. Drilling, 2008

Appendix 2: Resource model of Hawkes Creek deposit

Author: Ian Green, Survey Resources, Launceston

Software: Geo Civil (current version)

Our Ref: 08.050

2 October, 2008

The Manager
Tasmanian Advanced Minerals
PO Box 378
WYNYARD Tas 7325

Dear Sir,

Re: **Hawkes Creek Prospect**

We are pleased to advise that the resource modelling of the Hawkes Creek Prospect is completed and a plan of the upper and lower surfaces produced.

The resource modelling is based on resource intersection data provided by Mr Nicol Turner and our survey of the drill collar positions.

The following parameters have been applied to generate the resource model:

- Resource boundary located (horizontally) mid-way between a drill-hole in the resource and an adjacent drill-hole outside the resource
- Resource boundary extended (horizontally) outwards a maximum of 25% of the distance between drill-holes in the resource, where an adjacent drill hole outside the resource does not exist

Resource top as defined by the drill-hole data and the plane of the upper resource extended to the resource boundary

- Resource base as defined by the drill-hole data and where the base was not intersected by the drill-hole, the depth of the resource was extended a maximum of 25% of the resource intersection length. The plane of the resource base was then extended to the resource boundary.

The resource volume as computed from the model is 78,350m³ +/- 10%, this potential variation is a reflection of the scarcity of drill-holes outside the resource.

The following item is also noted:

- The resource appears to be in two zones, at the south-east and at the north-west. There is an apparent change in the resource zones "stepping up" from drill-hole AC45, through AC48 and AC46 to AC47.

Please find enclosed a copy of the A4 plan of the upper and lower resource surfaces.

SURVEY RESOURCES

I. R. Green & C. L. Pedersen
Partners

A.B.N. 42 315 275 525

Authorised
Land, Engineering
& Mining Surveyors

Please advise if any further information is required.

Yours sincerely,
SURVEY RESOURCES

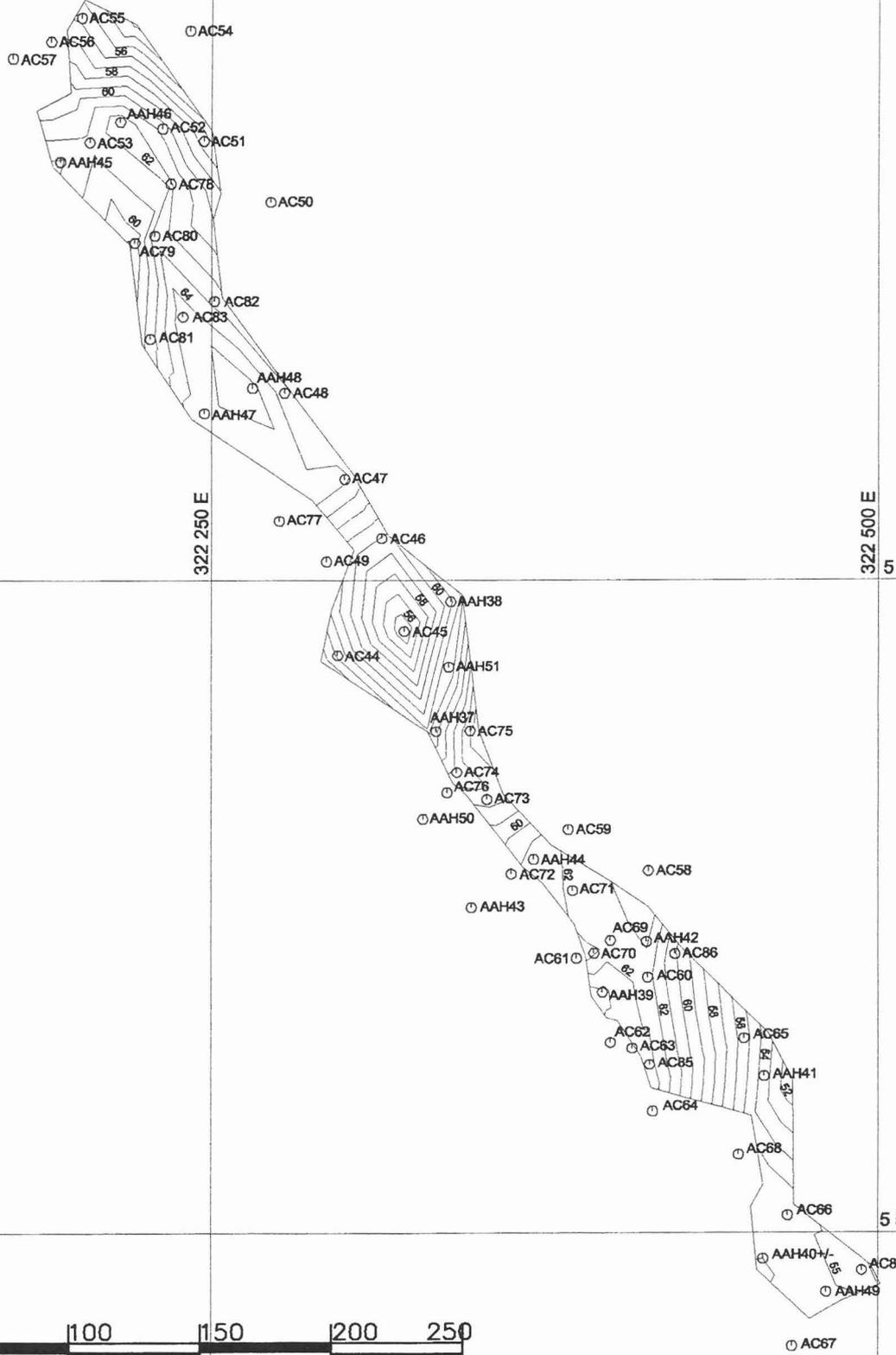


Alecia Pearce on behalf of Ian Green

Ian Green

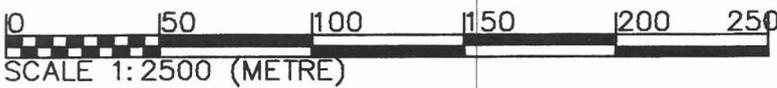
081002

5 548 750 N



5 548 500 N

5 548 250 N



SURVEY RESOURCES

(A.B.N. 42 315 275 525)
 26 Holbrook St. Inveresk
 PO Box 1192
 Launceston
 Tasmania 7250

Telephone: (03) 6331 5721
 Facsimile: (03) 6331 5741
 Email:
 admin@surveyresources.com.au

Authorised
 Land, Engineering
 & Mining Surveyors

SCALE 1:2500 AT A4

DRAWN AJP

DESIGNED IRG

DATE 02.10.08

APPROVED

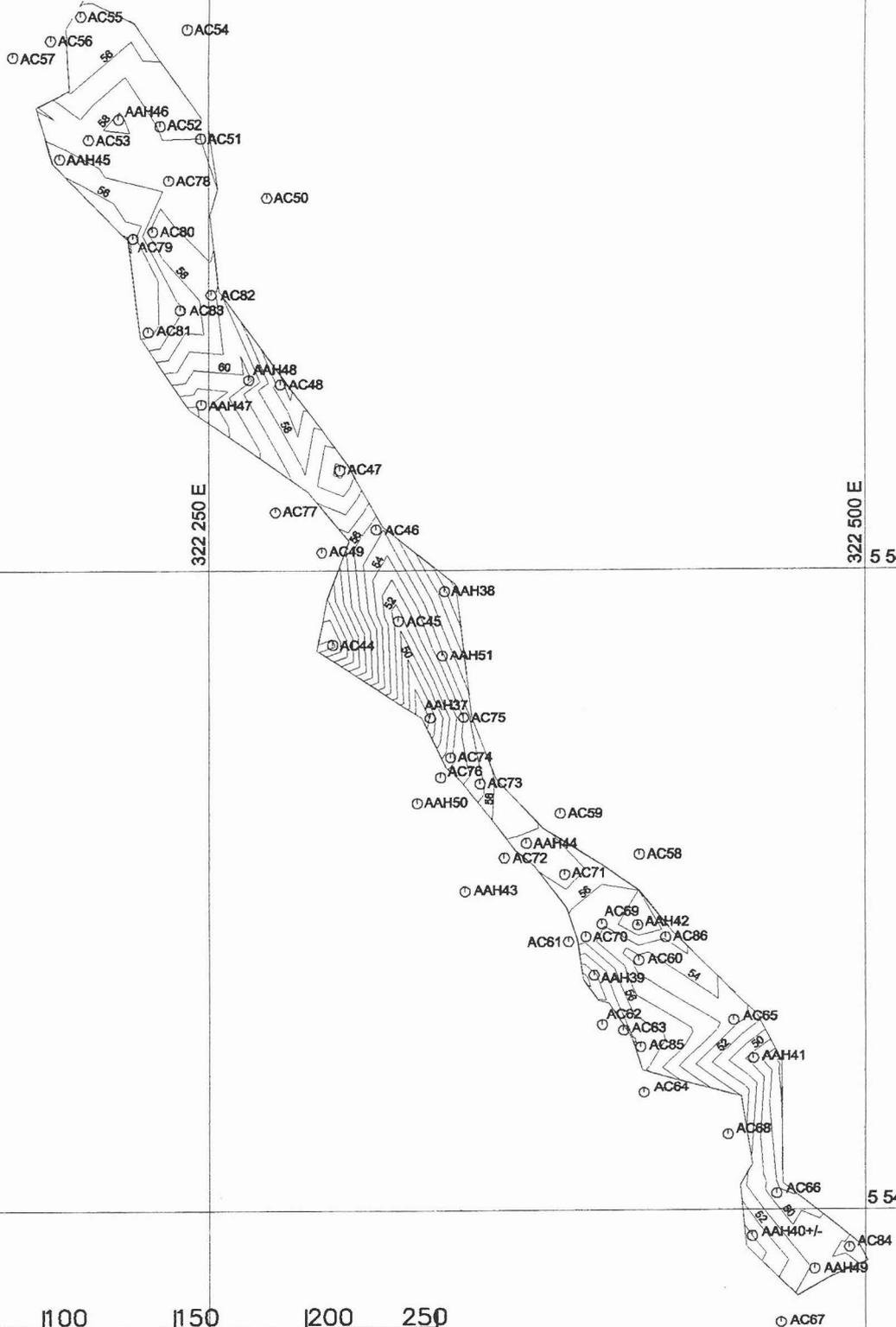
TASMANIAN ADVANCED MINERALS
 UPPER RESOURCE SURFACE
HAWKES CREEK, PROSPECT

REFERENCE:

08.050

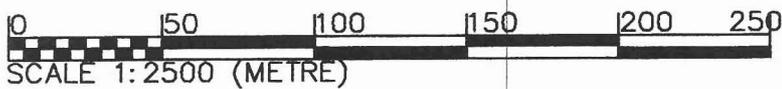
V02

5 548 750 N



5 548 500 N

5 548 250 N



SURVEY RESOURCES

(A.B.N. 42 315 275 525)
 26 Holbrook St. Inveresk
 PO Box 1192
 Launceston
 Tasmania 7250

Authorised
 Land, Engineering
 & Mining Surveyors

Telephone: (03) 6331 5721
 Facsimile: (03) 6331 5741
 Email:
 admin@surveyresources.com.au

SCALE 1:2500 AT A4

DRAWN AJP

DESIGNED IRG

DATE 02.10.08

APPROVED

**TASMANIAN ADVANCED
 MINERALS**
 LOWER RESOURCE SURFACE
 HAWKES CREEK, PROSPECT

REFERENCE:

08.050

V03

TASMANIAN ADVANCED MINERALS

4th October, 2008

EL35/2003 Stephens Rivulet-Hawkes Creek. Drilling, 2008

Appendix 3: Chemical and grain size analyses of 2008 drill samples

Laboratory: Tasmanian Advanced Minerals Pty Ltd, Wynyard

Analyst: Takehisa (Toy) Miyachi

Method of chemical analysis: ICPMS

Terms

Cut: Assay of 45-250 micron portion

Mag: Samples have undergone magnetic separation

HL: Samples have undergone heavy liquid separation

CHEMICAL GRAIN SIZE ANALYSIS

Name	Depth			SiO2	Al2O3 ppm ± 0.01	Fe2O3 F ppm ± 0.01	TiO2 ppm ± 0.01	CaO ppm ± 0.01	MgO ppm ± 0.01	Cu ppm ± 0.01	Cr ppm ± 0.01	Mn ppm ± 0.01	Ni ppm ± 0.01	425 micron %	300 micron %	250 micron %	212 micron %	150 micron %	106 micron %	75 micron %	45 micron %	25 micron %	PAN micron %	
AC08045	13-14m	cut, mag			200	150	164	219	20	0.42	1.01	0.45	0.28											
AC08046	2-3m	cut, mag			138	126	40	387	14	0.34	0.88	0.44	0.2											
AC08046	6-7m	cut, mag			360	857	185	185	32	1.66	3.39	1.07	0.88											
AC08046	7-8m	cut, mag			95	67	77	347	32	0.15	4.72	0.25	0.06											
AC08046	8-9m	cut, mag			105	65	79	545	28	0.35	1	0.21	0.1											
AC08046	11-12m	cut, mag			459	281	213	225	35	0.63	3.72	0.69	0.38											
AC08046	12-13m	cut, mag			100	50	86	207	21	0.2	1.57	0.24	0.24											
AC08047	1-2m	cut, mag			1045	110	179	393	52	0.91	5.12	0.39	1.16											
AC08047	2-3m	cut, mag			322	53	69	401	25	0.27	0.79	0.2	0.36											
AC08048	1-2m	cut, mag			149	176	48	487	17	0.46	0.69	0.6	0.16											
AC08052	0-1m	cut, mag			257	33	46	3484	79	0.31	1.99	0.11	0.2											
AC08052	2-3m	cut, mag			385	51	147	401	109	0.44	3.4	0.17	0.27											
AC08053	1-2m	cut, mag			399	53	57	204	57	0.31	0.73	0.21	0.41											
AC08053	2-3m	cut, mag			115	95	28	234	66	0.69	0.55	0.55	0.31											
AC08053	3-4m	cut, mag			276	48	37	172	45	0.18	0.44	0.15	0.17											
AC08053	4-5m	cut, mag			263	52	35	305	81	0.3	0.62	0.19	0.27											
AC08060	3-4m	cut, mag			95	40	25	269	41	0.51	0.34	0.26	0.45	34.4	5	2.8	2.2	4.6	4.6	6	13	19.8	5.8	
AC08060	4-5m	cut, mag			544	74	96	650	494	0.66	2.9	0.24	0.43	25.4	5.4	3.2	3	7.2	10	14.4	17.8	9.4	2.6	
AC08060	5-6m	cut, mag			138	19	24	321	70	0.2	0.44	0.07	0.12											
AC08060	6-7m	cut, mag			106	14	14	455	56	0.14	0.05	0.04	0.09											
AC08060	7-8m	cut, mag			91	20	14	295	58	0.16	0.07	0.05	0.19											
AC08060	8-9m	cut, mag			84	12	8	354	41	0.16	0.35	0.06	0.11											
AC08060	9-10m	cut, mag			96	22	8	336	53	0.09	0.24	0.09	0.16											
AC08060	10-11m	cut, mag			106	15	13	342	88	0.1	0.72	0.07	0.13											
AC08060	11-12m	cut, mag			85	12	8	301	59	0.18	0.24	0.05	0.21											
AC08066	2-3m	cut, mag			107	17	9	404	13	0.13	0.08	0.05	0.06											
AC08066	3-4m	cut, mag			120	31	15	367	13	0.16	0.14	0.05	0.07											
AC08066	4-5m	cut, mag			100	8	10	380	13	0.14	0.06	0.02	0.2											
AC08066	5-6m	cut, mag			80	6	12	301	9	0.17	0.08	0.02	0.09											
AC08066	6-7m	cut, mag			109	59	12	421	12	0.29	0.14	0.15	0.21											
AC08066	7-8m	cut, mag			91	36	18	452	14	0.54	0.2	0.1	0.14											
AC08069	1-2m	cut, mag			246	130	77	327	25	0.86	1.05	0.48	0.33											
AC08069	2-3m	cut, mag			146	45	18	362	103	0.39	0.44	0.17	0.17											
AC08069	3-4m	cut, mag			105	36	31	266	13	0.47	0.24	0.15	0.09											
AC08069	4-5m	cut, mag			105	91	12	360	31	0.52	0.32	0.41	0.14											
AC08069	5-6m	cut, mag			65	17	4	255	13	0.09	0.11	0.09	0.07											
AC08069	6-7m	cut, mag			67	10	7	280	9	0.11	0.11	0.05	0.05											
AC08069	7-8m	cut, mag			57	11	6	147	11	0.04	0.07	0.05	1.63											
AC08069	8-9m	cut, mag			86	20	9	219	12	0.16	0.19	0.08	0.98											
AC08069																								
AC08070	0-1m	cut, mag			98	30	28	156	20	0.30	0.39	0.18	0.16											

Name	Depth			SiO2	Al2O3 ppm ± 0.01	Fe2O3 F ppm ± 0.01	TiO2 ppm ± 0.01	CaO ppm ± 0.01	MgO ppm ± 0.01	Cu ppm ± 0.01	Cr ppm ± 0.01	Mn ppm ± 0.01	Ni ppm ± 0.01	425 micron %	300 micron %	250 micron %	212 micron %	150 micron %	106 micron %	75 micron %	45 micron %	25 micron %	PAN micron %	
AC08070	1-2m	cut, mag			81	17	15	231	12	0.11	0.14	0.1	0.05											
AC08070	2-3m	cut, mag			70	8	5	247	11	0.05	0.06	0.07	0.21											
AC08070	4-5m	cut, mag			71	30	39	252	14	0.3	0.2	0.15	0.23											
AC08070	5-6m	cut, mag			61	14	14	313	12	0.05	0.13	0.1	1.99											
AC08070	6-7m	cut, mag			53	15	5	274	11	0.18	0.1	0.09	0.02											
AC08070	7-8m	cut, mag			70	10	5	313	9	0.01	0.03	0.06	0.03											
AC08071	1-2m	cut, mag			123	41	165	226	18	0.36	13.46	0.26	0.12											
AC08071	2-3m	cut, mag			74	15	36	271	12	0.11	5.62	0.09	0.06											
AC08071	3-4m	cut, mag			73	18	30	231	16	0.07	0.53	0.1	0.00											
AC08071	4-5m	cut, mag			92	14	17	247	20	0.12	0.47	0.09	0.06											
AC08072	0-1m	cut, mag			221	41	117	176	18	0.51	5.9	0.20	0.26											
AC08073	1-2m	cut, mag			191	29	61	365	64	0.57	0.94	0.12	0.27											
AC08073	2-3m	cut, mag			145	39	53	232	19	0.25	0.41	0.07	0.13											
AC08073	3-4m	cut, mag			130	37	20	162	12	0.11	0.21	0.05	0.06											
AC08073	4-5m	cut, mag			84	13	15	279	9	0.12	0.09	0.03	0.05											
AC08074	0-1m	cut, mag			365	207	34	207	28	0.76	0.71	4.39	0.21											
AC08074	1-2m	cut, mag			111	38	37	233	15	0.17	0.12	0.14	0.2											
AC08074	2-3m	cut, mag			100	37	17	234	26	0.03	0.14	0.11	0.06											
AC08074	3-4m	cut, mag			87	55	10	245	11	0.15	0.39	0.15	1.03											
AC08074	4-5m	cut, mag			83	43	8	193	14	0.09	0.13	0.1	1.01											
AC08074	5-6m	cut, mag			87	43	12	343	13	0.12	0.15	0.17	0.09											
AC08074	6-7m	cut, mag			67	24	8	364	11	0	0.08	0.09	0.02											
AC08075	5-6m	cut, mag			82	60	21	140	10	0.32	0.26	0.11	0.02											
AC08075	7-8m	cut, mag			93	30	11	166	13	0.1	0.14	0.08	0.06											
AC08078	0-1m	cut, mag			261	58	85	265	29	0.61	2.3	0.2	0.24											
AC08078	2-3m	cut, mag			156	123	105	318	28	2.11	1.68	0.46	0.18											
AC08078	3-4m	cut, mag			117	90	76	356	27	1.83	2.5	0.37	0.18											
AC08079	3-4m	cut, mag			279	35	56	231	48	0.55	0.69	0.14	0.53											
AC08079	4-5m	cut, mag			120	24	9	216	27	0.54	0.27	0.13	0.28											
AC08080	0-1m	cut, mag			167	42	38	237	45	0.53	0.45	0.19	0.15											
AC08080	1-2m	cut, mag			110	125	52	145	29	0.56	0.68	0.73	0.1											
AC08080	2-3m	cut, mag			101	107	29	153	16	0.33	0.63	0.51	0.15											
AC08080	3-4m	cut, mag			120	170	23	276	17	0.84	0.49	0.76	0.15											
AC08080	4-5m	cut, mag			140	417	72	173	23	1.46	1.1	0.93	0.41											
AC08080 A	ATP0801	cut, mag			97	13	43	356	24	0.12	0.47	0	0.13											
AC08080 B	ATP0801	cut, mag			67	8	10	217	13	0.18	0.01	0.04	0.05											
AC08081	0-1m	cut, mag			1541	133	95	344	23	2.14	1.73	0.38	0.27											
AC08081	2-3m	cut, mag			133	23	22	252	13	0.17	0.1	0.11	0.03											
AC08081	3-4m	cut, mag			98	13	8	439	12	0.2	0.12	0.09	0.04											
AC08081	4-5m	cut, mag			115	15	14	287	14	0.55	0.16	0.12	0.26											
AC08081	5-6m	cut, mag			168	13	30	232	18	0.18	0.15	0.06	0.12											

Name	Depth			SiO2	Al2O3 ppm ± 0.01	Fe2O3 F ppm ± 0.01	TiO2 ppm ± 0.01	CaO ppm ± 0.01	MgO ppm ± 0.01	Cu ppm ± 0.01	Cr ppm ± 0.01	Mn ppm ± 0.01	Ni ppm ± 0.01	425 micron %	300 micron %	250 micron %	212 micron %	150 micron %	106 micron %	75 micron %	45 micron %	25 micron %	PAN micron %	
AC08081	6-7m	cut, mag			152	14	45	190	22	0.23	0.2	0.07	0.06											
AC08082	1-2m	cut, mag			79	92	30	282	15	0.6	0.49	0.54	0.33											
AC08082	2-3m	cut, mag			69	128	49	335	35	0.68	0.52	0.74	0.32											
AC08082	3-4m	cut, mag			165	263	44	297	25	2.41	1.24	1.46	0.6											
AC08082	4-5m	cut, mag			99	102	27	2667	27	2.54	0.54	0.47	0.51											
AC08083	0-1m	cut, mag			121	35	81	342	16	0.34	0.36	0.17	0.08											
AC08083	1-2m	cut, mag			74	21	49	186	10	0.14	0.29	0.13	0.75											
AC08083	2-3m	cut, mag			119	31	44	325	17	0.27	0.27	0.19	0.09											
AC08083	3-4m	cut, mag			87	46	24	185	14	0.25	0.2	0.19	0.22											
AC08083	6-7m	cut, mag			77	23	5	268	9	0.21	0.12	0.1	0.19											
AC08083	7-8m	cut, mag			71	22	5	266	11	0.08	0.18	0.09	0.22											
AC08083 A	ATP0802	cut, mag			77	7	31	233	11	0.24	0.2	0.06	0.07											
AC08083 B	ATP0802	cut, mag			86	10	79	259	14	0.17	0.39	0.08	0.12											
AH42/04 A	ATP0803	cut, mag			78	5	9	247	11	0.15	0.08	0.03	0.06											
AH42/04 B	ATP0803	cut, mag			70	4	6	266	10	0.13	0.03	0.04	0.03											
AC08084	0-1m	cut, mag			111	6	43	447	14	0.14	0.18	0.03	0.04											
AC08084	1-2m	cut, mag			112	6	68	602	13	0.2	0.27	0.03	0.08											
AC08084	2-3m	cut, mag			85	3	24	495	10	0.05	0.19	0.02	3.48											
AC08084	4-5m	cut, mag			175	83	555	167	18	0.55	6.4	0.79	0.17											
AC08084	5-6m	cut, mag			89	24	11	267	13	0.14	0.13	0.14	0.04											
AC08085	0-1m	cut, mag			147	18	19	399	23	0.65	0.15	0.07	0.03											
AC08085	1-2m	cut, mag			123	10	5	323	12	0.19	0.07	0.05	0.02											
AC08085	2-3m	cut, mag			141	64	17	325	16	0.59	0.22	0.34	0.15											
AC08085	3-4m	cut, mag			144	19	17	275	17	1.3	0.17	0.11	0.11											
AC08086	1-2m	cut, mag			66	15	21	248	12	0.4	0.34	0.09	0.03											
AC08086	3-4m	cut, mag			59	14	10	280	21	0.2	0.05	0.07	0.06											
AC08086	4-5m	cut, mag			47	8	11	233	28	0.42	0.16	0.04	0.24											
AC08086	5-6m	cut, mag			49	7	4	313	25	0.13	0.02	0.02	0.07											