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EL22/1997 TRIAL HARBOUR

ANNUAL REPORT TO

JULY 2007

Volume 1 of 1.

Tim Callaghan
Chief Geologist
Allegiance Metals Pty Ltd

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All figures and coordinates in this report are in Geodetic Datum AGD66.

1 SUMMARY

Exploration Licence 22/1997 lies adjacent to ML3M/2003 which hosts the Avebury Nickel Sulphide deposit and is highly prospective for similar styles of mineralisation. The Avebury Nickel Sulphide deposit is hosted in Cambrian Ultramafic Rocks and which have been demonstrated to extend onto the surrounding EL's, including EL22/1997. Geophysical surveys and subsequent first pass diamond drilling have confirmed the extension of the host sequence onto EL 22/1997 to the north, West and southwest. Earlier drilling has focused on the Burbank prospect with later drilling completed in 2006 aimed at testing geophysical anomalies immediately west and north of the Avebury ML.

In the past twelve months the following work was completed:

DDH's A165, A167 and A168 were targeted on a prominent geophysical anomaly underlying an interpreted thin thrust of Precambrian basement. All of these holes successfully intersected Cambrian ultramafic rocks identical to those hosting the Avebury deposit. Two of the holes were collared on EL28/1988.

DDH A158 was targeted on the plunging western extension of the Viking deposit. The hole lifted too much and passed over the interpreted target zone. The hole was collared on ML 3M/2003 and ended on EL22/1997.

DDH A191, A188 and A207 were targeted on the Pontiac Deposit north of the Avebury Mine. Although all of these holes are still located on the Avebury ML, there is very likely the same sequence extends north onto EL22/1997. DDH A191 intersected a broad zone of coarse Pentlandite mineralisation in serpentinised dunite. Best intersections include 12.0m @ 0.4% Ni from a large lone of 99.0m @ 0.3% Ni. This style of mineralisation has now been identified in two drill holes in this area and has the potential to host a bulk tonnage low grade resource (Mt Keith style?). Metallurgical test work and further drilling is ongoing at the time of reporting.

Exploration planned for 2007-2008 includes:

- Drill testing of the coincident magnetic-IP anomaly associated with the Pontiac ultramafic identified in DDH's P004, P005 and P006.

- Drill testing magnetic anomalies underlying gabbro in the NE corner of the EL.

- Follow up of drilling identifying ultramafic midway between Trial Harbour and Avebury.

The minimum estimated expenditure for the program is $350,000, with total estimated expenditure for the Avebury Exploration Leases in excess of $1.5M.

2 INTRODUCTION

EL22/1997 Trial Harbour was granted to Allegiance Mining in 1997. The EL has been held under an annually renewed Term of Extension since 2003.

EL22/1997 is a licence in two parts bordering the ML to the north and southwest (Figure 1). The EL covers areas that are highly prospective for Avebury style nickel sulphide deposits. The Avebury deposits are hosted in serpentinised dunite or strongly metasomatised, tremolite-diopside ultramafic skarn intruded into Mid Cambrian basaltic volcaniclastics. The altered ultramafics have a strong magnetic signature due to high concentrations of magnetite. High resolution aeromagnetics is a key early exploration tool. Much of the ultramafic is not outcropping and time consuming and expensive diamond drilling in often rugged terrain is a required for effective exploration.

Allegiance Metals are actively exploring ML 3M/2003 and surrounding EL28/1988, EL22/1997 and EL372003. Simultaneously Allegiance commenced development of the Avebury Mine and Mill due for commissioning in late 2007. The current mine is designed to produce 7,000tpa of Ni in high grade concentrates from 900,000tpa of ore. The current resource is tabulated in Tables 1 - 3.

Table 1. Mineral Resources 0.85% Ni Cutoff

Classification	Tonnes	Ni %	As ppm	Co ppm	Tonnes Ni
Inferred	3,530,000	1.24	649	283	
Indicated	4,180,000	1.29	348	300	
Measured	390,000	1.22	521	302	
Total	8,100,000	1.26	487	292	102,000

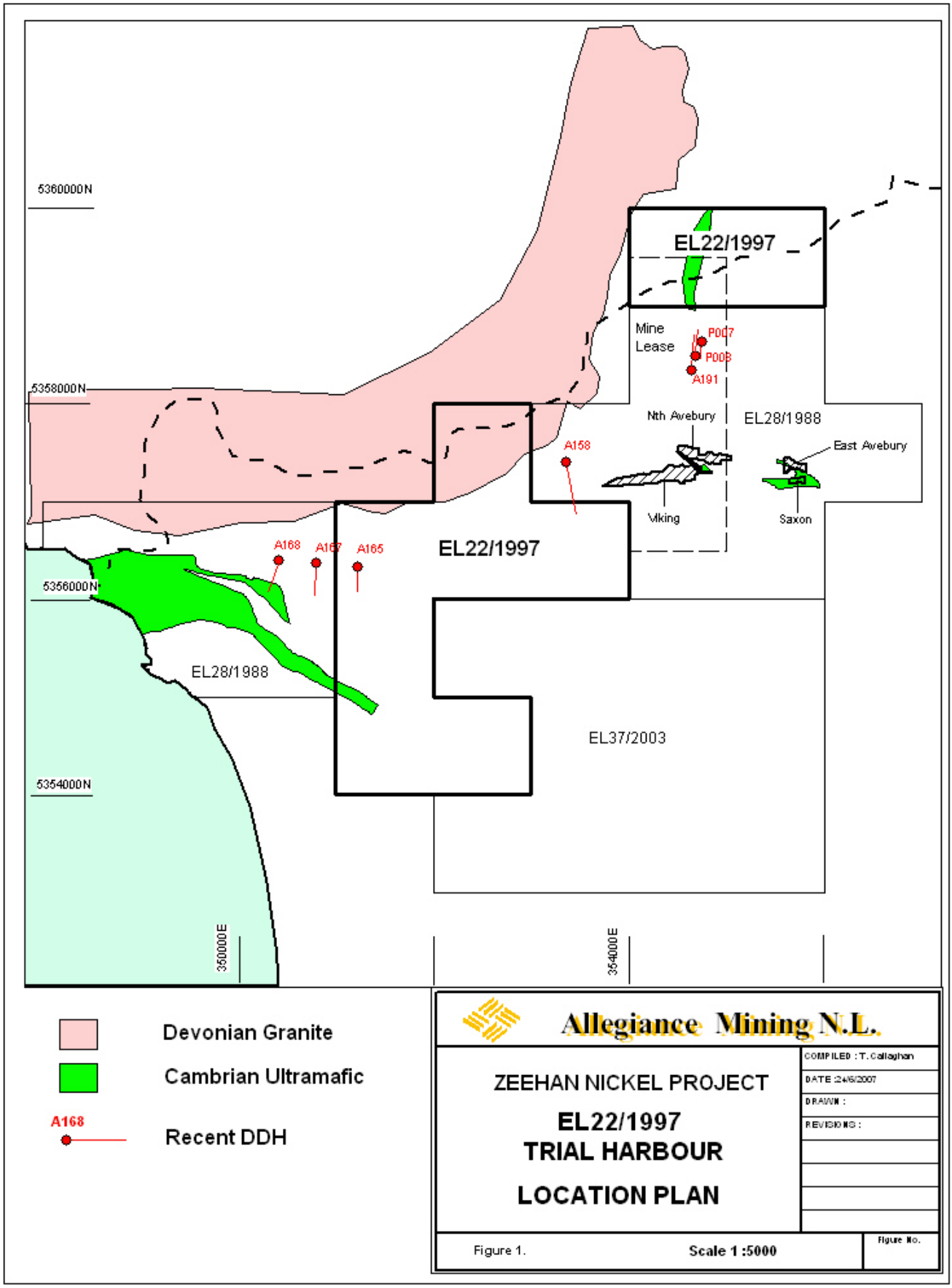
Table 2. Mineral Resources 0.7% Cutoff

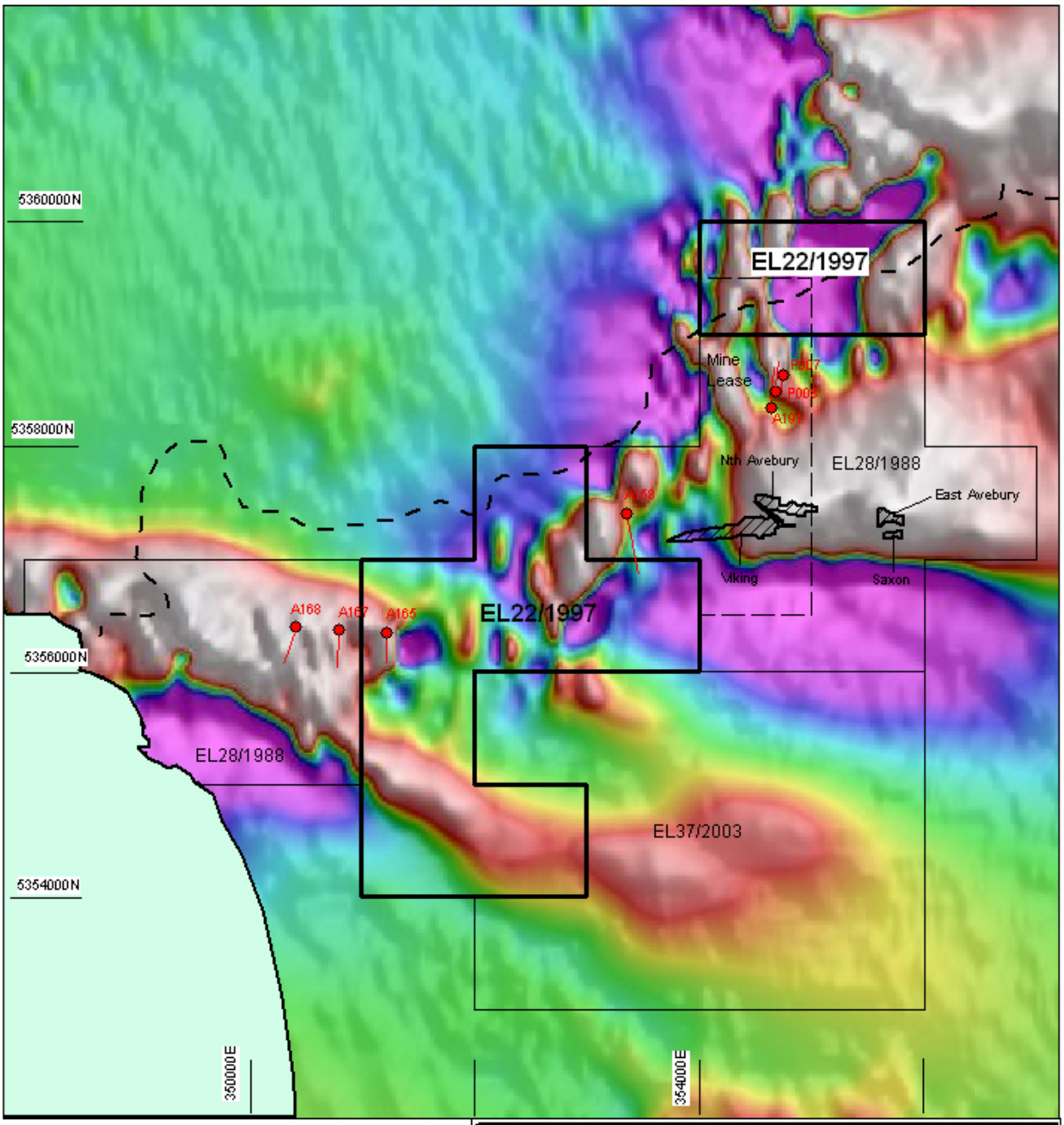
Classification	Tonnes	Ni %	As ppm	Co ppm	Tonnes Ni
Inferred	5,830,000	1.05	488	255	
Indicated	5,640,000	1.16	381	278	
Measured	460,000	1.15	507	284	
Total	11,930,000	1.11	438	266	131,000

Table 3. Mineral Resources 0.4% Ni Cutoff

Classification	Tonnes	Ni %	As ppm	Co ppm	Tonnes Ni
Inferred	8,830,000	0.9	392	225	
Indicated	6,910,000	1.06	360	258	
Measured	530,000	1.08	478	267	
Total	16,270,000	0.97	381	240	158,000

Exploration has continually extended the Avebury Resource which now extends onto adjacent EL 28/1988. An ML application is currently being processed. Further resource additions from the ML and surrounding EL's are anticipated. On April 4 2007 a request for amalgamation of exploration expenditure on the near Mine Exploration was granted. Exploration for the past year focused on the EL28/1988 with resource definition drilling of the East Avebury and Saxon Resources. Total exploration expenditure on EL's surrounding the Avebury ML for 2006 was **$1,541,249.90**. EL22/1997 is strategically important to the Avebury Project and will continue to be the focus of exploration and resource expansion.


5360000N
5358000N
5356000N
5354000N
350000E
354000E
EL22/1997
Mine
Lease
P007
P008
A191
Nth Avebury
EL28/1988
East Avebury
A158
Viking
Saxon
A168
A167
A165
EL22/1997
EL28/1988
EL37/2003
Devonian Granite
Cambrian Ultramafic
A168
Recent DDH
Allegiance Mining N.L.
ZEEHAN NICKEL PROJECT
EL22/1997
TRIAL HARBOUR
LOCATION PLAN
COMPILED : T. Callaghan
DATE : 24/5/2007
DRAWN :
REVISIONS :
Figure 1.
Scale 1 :5000
Figure No.



Devonian Granite

Cambrian Ultramafic

A168 Recent DDH

Allegiance Mining N.L.

ZEEHAN NICKEL PROJECT

EL22/1997

TRIAL HARBOUR

TMI Image

COMPILED : T. Callaghan

DATE :24/6/2007

DRAWN :

REVISIONS :

Figure 2. **Scale 1 :5000** Figure No.

3 EXPLORATION COMPLETED 2006 – 07

The following work was completed on or adjacent to EL22/1997 during the twelve month period ended 31 July 2007:

- Drilling of three holes into the large amplitude Trial Harbour aeromagnetic anomaly
- Drilling at Pontiac
- Drilling West Avebury (A158)

3.1 Trial Harbour Aeromagnetic Anomaly

Three DDH's were drilled into the high amplitude aeromagnetic anomaly midway between Trial Harbour and Avebury (Figure 1 and 2). One drill hole A165 was drilled on EL22/1997 and two others (A167 and A168) immediately west on EL28/1988.

DDH A165 was collared in what was interpreted to be a thin thrust sheet of Precambrian siliciclastics (Figure 5). The hole passed into typical phlogopite altered feldspar-lithic basaltic volcaniclastic greywacke of the Crimson Creek Group. A thin, strongly sheared and tectonised ultramafic was intersected between 211.0m and 216.9m. The ultramafic was comprised of 50% massive magnetite with black serpentinite gangue and minor tremolite altered skarn veins. Ni and Cr assays were typical of background dunite values (0.2% Ni, 900ppm Cr). The hole successfully identified the attenuated western margin of the Trial Harbour ultramafic, however no significant nickel sulphides were identified.

DDH A167 was collared 500m west of A165 just inside the EL28/1988 boundary (Figure 1). The hole was collared in a possible thrust faulted slice of Oonah Formation siliciclastics (Figure 4). The hole then intersected a prominent fault separating the siliciclastics from Crimson Creek formation feldspar-lithic greywacke. The hole intersected intensely metasomatised ultramafic skarn (254.6 – 313.6m) composed of crystalline tremolite-diopside with 5-15% vein and disseminated magnetite. Minor sulphides, predominantly pyrrhotite were present. The ultramafic was strongly dolomite altered between 267.5 and 284.1m. The rock was comprised of pale grey pervasive dolomite with 10-15% magnetite and trace pyrrhotite and sphalerite disseminations.

Intense carbonate altered ultramafic with minor sphalerite overlies both the east Avebury and Viking Ni sulphide deposits.

DDH A168 was collared a further 500m west of A167 (Figure 1). This hole intersected intensely metasomatised ultramafic skarn between 333.2m and 389.1m before passing into black serpentinite to the end of hole (Figure 5). Minor sulphides were present but nickel sulphides were not present in economic quantities.

These three holes all successfully identified the host ultramafic rock. Follow up exploration is required to identify if there are any significant nickel sulphide deposits associated with the host sequence. The ultramafic thickens to the west and remains open to the south, outcropping on EL28/1988. Further drilling is planned for this area.

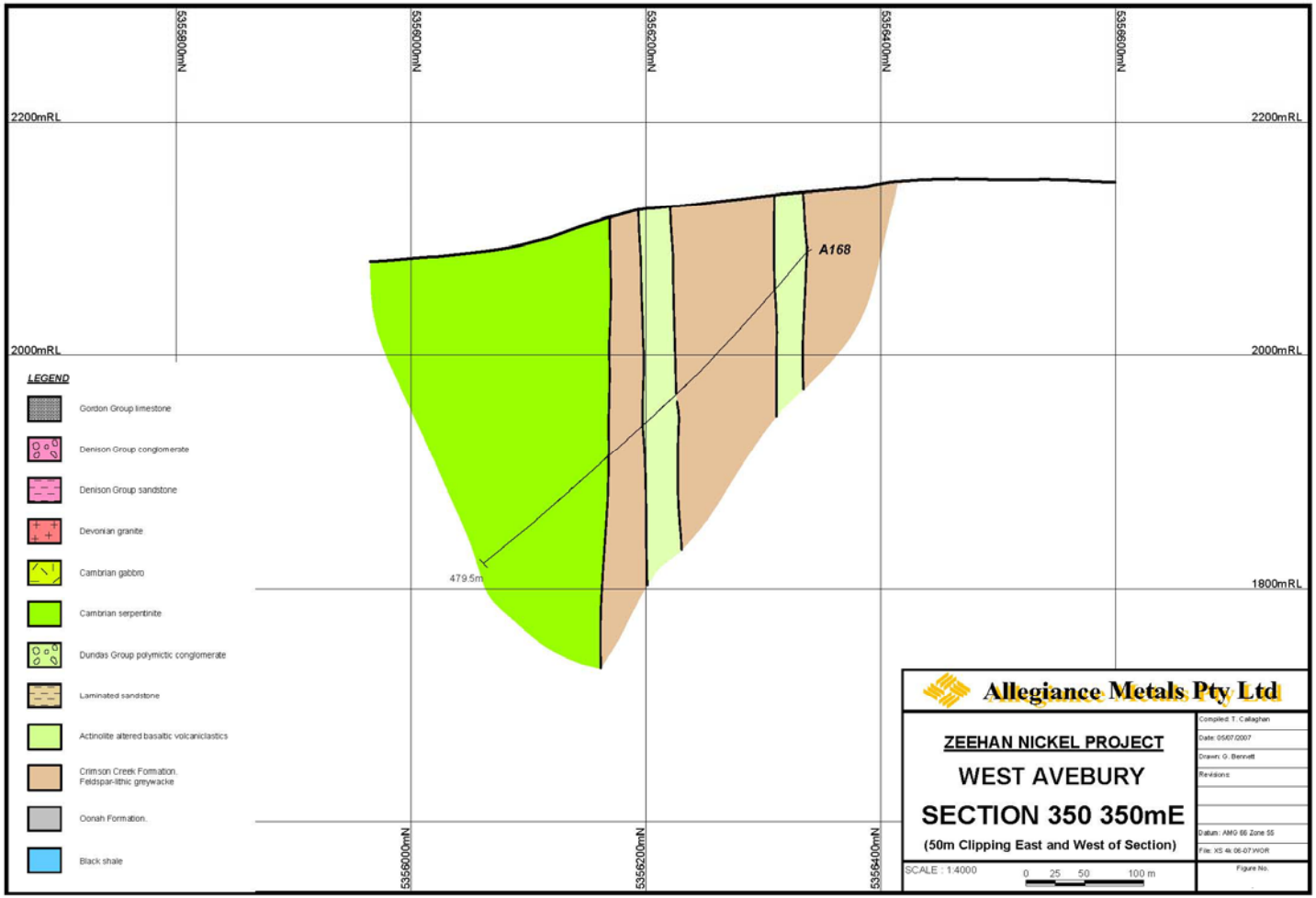


Figure 3. Section 350 350

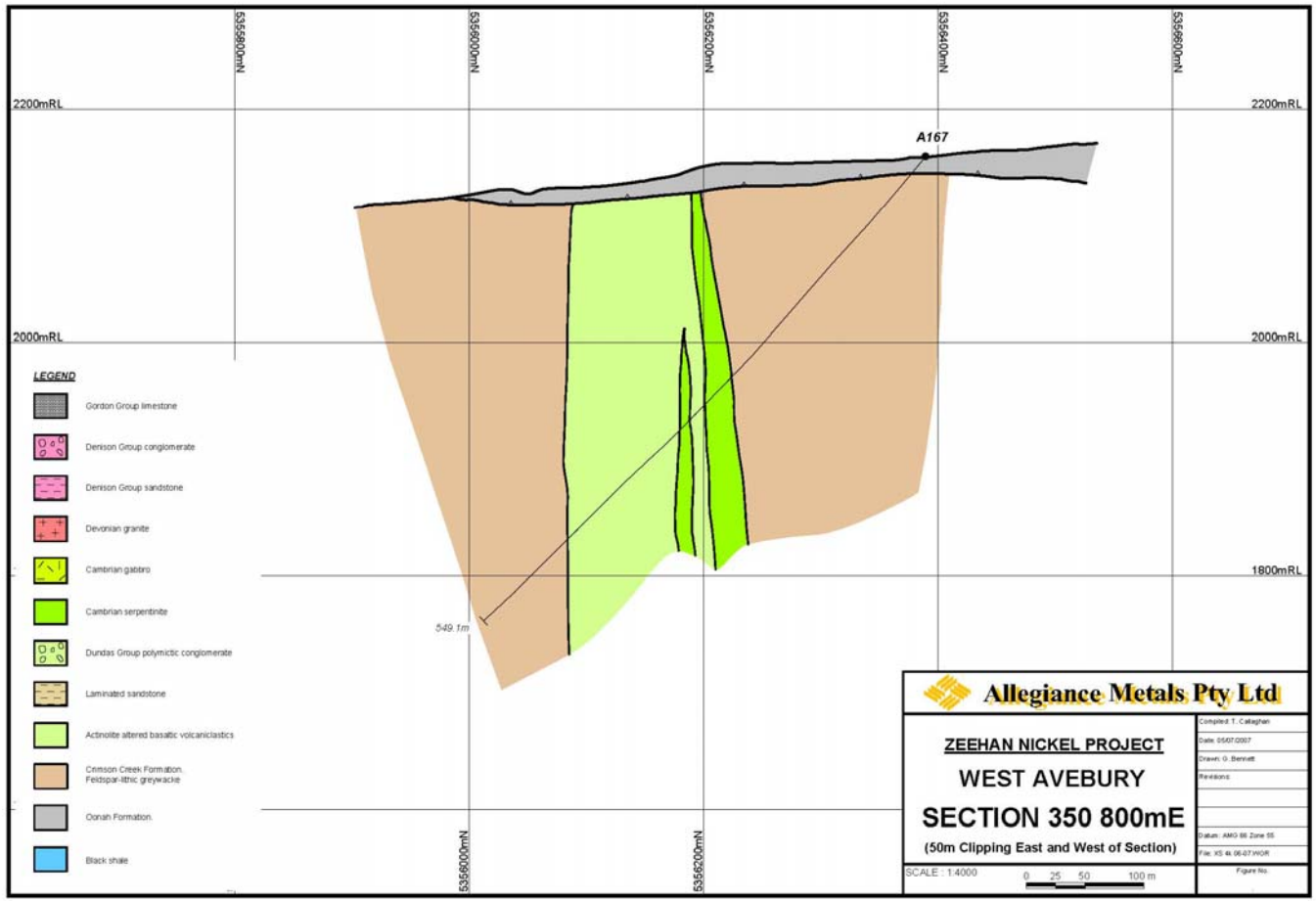


Figure 4. Section 350 800

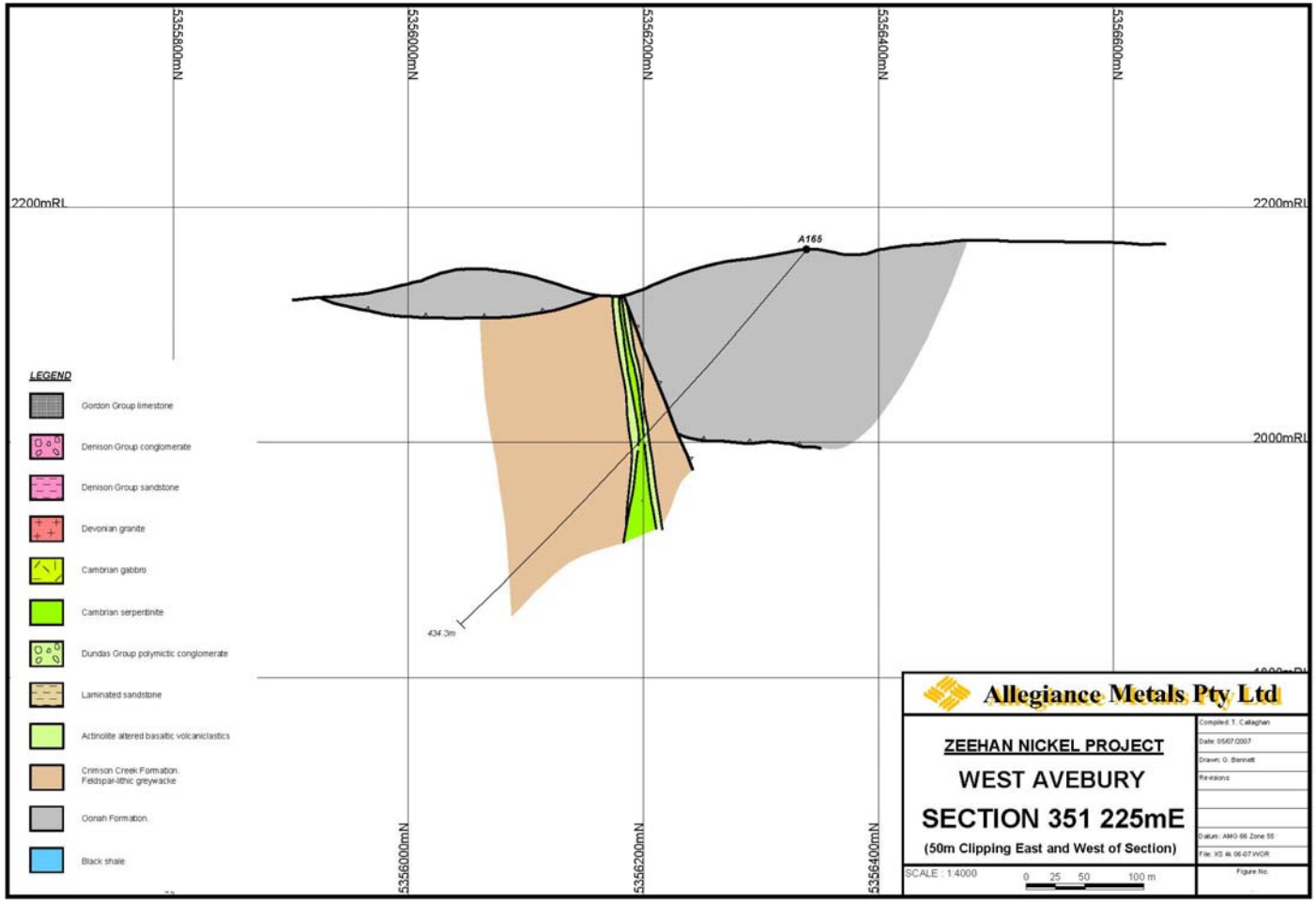


Figure 5. Section 351 225

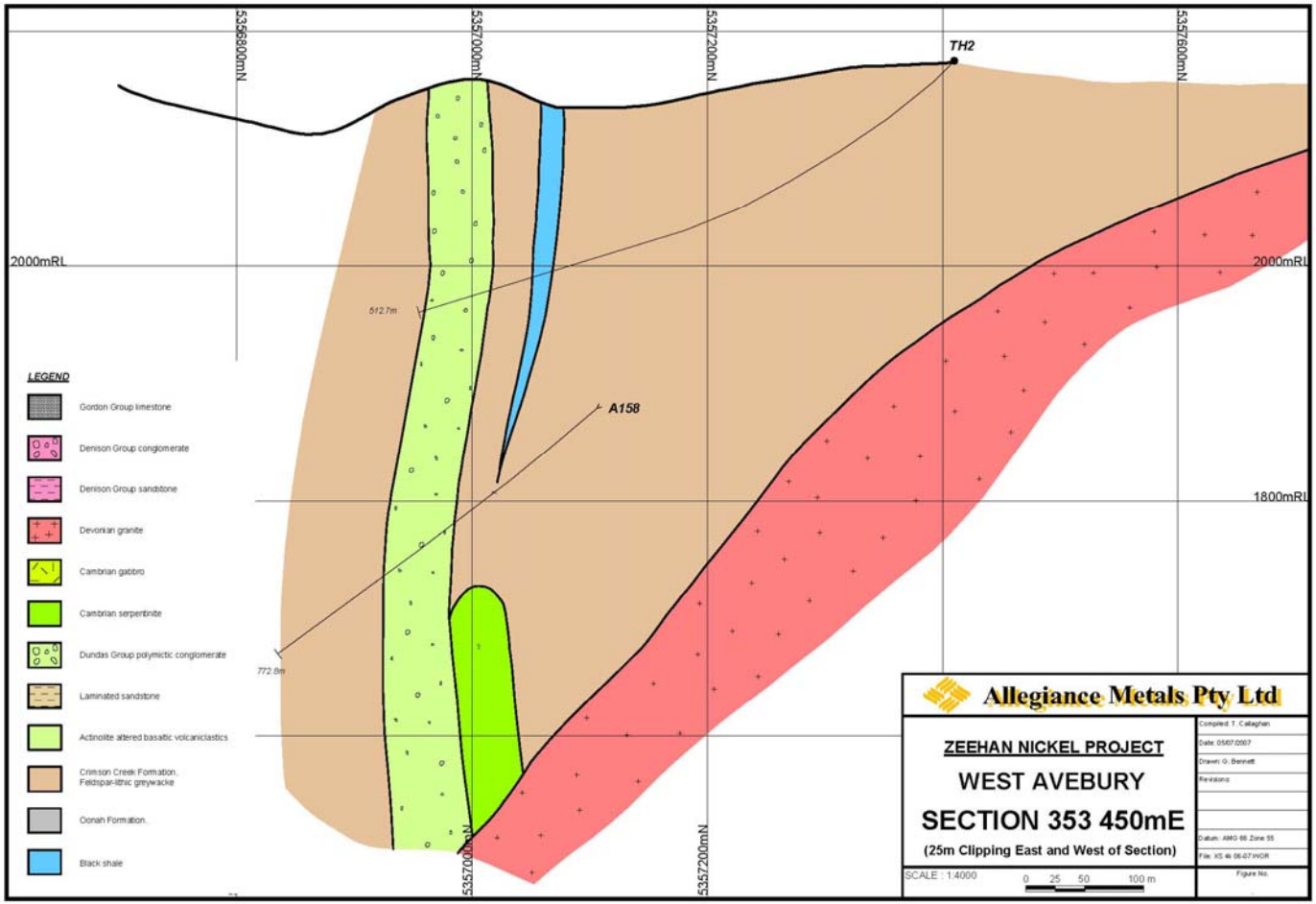


Figure 6. Section 353450.

3.2 Pontiac

Drilling at Pontiac recommenced late in the term targeting earlier identified mineralisation within the ML boundary, approximately 500m south of EL22/1997.

DDH A191 intersected a broad zone of coarse pentlandite mineralisation hosted in serpentinised dunite identical to the Avebury mineralisation between 233.9m and 332.0m. Best intersections include 12.0m @ 0.4% Ni from a large zone of 99.0m @ 0.3% Ni. Despite the low Ni grades, the presence of Ni as coarse pentlandite is highly encouraging. This style of mineralisation has now been identified in three drill holes in this area over a 1km strike length and has the potential to host a bulk tonnage low grade resource possibly analogous to the Black swan or Mt Keith style of deposits in Western Australia. There is also the potential to intersect higher grade concentrations of nickel sulphides typical of Avebury style mineralisation. Metallurgical test work, petrographic studies and further drilling is ongoing at the time of reporting.

DDH A191 intersected a massive body of feldspar-pyroxene gabbro from 363.0m to the end of hole at 554.5m.

DDH P007 was designed to test the ultramafic intersected in A191, 200m to the east. It did not intersect the ultramafic.

DDH P008 intersected the ultramafic body 100m east of A191. Serpentinised dunite was intersected from 182.7m to 263.9m. Minor sulphide mineralisation was present at the end of the hole. Assay results are pending. The hole ended in a thick layered feldspar-pyroxene gabbro.

3.3 West Avebury

Information from diamond drill holes in the West Avebury area have been used to model both the ultramafic surface and the granite surface. The Viking ultramafic is interpreted to plunge west at about 20 degrees while the granite surface is interpreted to dip south east at about 45 degrees.

DDH A158 was collared on ML3M2003 and passed onto EL22/1997 before being terminated at 772.8m (Figure 6). The hole was targeted at the West Viking ultramafic down plunge. Projection of ultramafic surface contours suggests the hole lifted too much and passed over the top. Minor sulphide stringer veining in a skarn altered volcanics or a thin ultramafic dyke were intersected. Anomalous Ni assays were returned from 642.4m with **1m @ 0.5% Ni**. The hole intersected and passed through a distinctive volcaniclastic conglomerate marker horizon and passed beyond the interpreted position of the ultramafic.

4 EXPLORATION PLANNED 2007 – 08

Exploration planned for 2007 – 08 will include:

- Drilling at Pontiac
- Drilling of aeromagnetic anomaly in the NE corner of the EL.
- Follow up drilling on West Avebury

4.1 Pontiac

A minimum of two diamond drill holes are planned for the mineralised serpentinite intersected in P004 on the boundary of the ML and EL22/1997 (Figure 7). One hole will be targeted on the strong magnetic anomaly and coincident IP anomaly located along strike north of P004 and P006. The other will be a short follow up hole testing the outcropping serpentinite near P004. The collar site for the second hole is yet to be determined.

4.2 Aeromagnetic Anomaly NE EL22/1997

A strong magnetic high is located beneath non magnetic gabbroic rocks in the far NE corner of EL22/1997 (Figure 7). Recent drilling at Pontiac has identified both medium grained feldspar-pyroxene gabbros associated with layered serpentinised dunite. The serpentinite contains 5-15% magnetite and low concentrations of coarse pentlandite mineralisation. The magnetic high targeted is possibly another serpentinite body associated with the mineralisation. Initially one DDH is planned to test the anomaly. Further holes will be determined by the results.

4.3 Trial Harbour/Burbank

Further drilling is planned for the Trial Harbour area although at this stage most drilling is likely to occur on EL28/1988 as follow up holes south of DDH's A165, A167 and A168 completed last year.

The western portion of EL22/1997 remains of strategic importance for future exploration and infrastructure development and will be explored in a program associated with EL28/1998 and 3M/2003.

4.4 West Avebury

Further work will be required to test the magnetic anomalies west of the Avebury deposit and the western plunge of the Viking deposit below A158. A program for this is yet to be designed and prioritised against other exploration in the district.

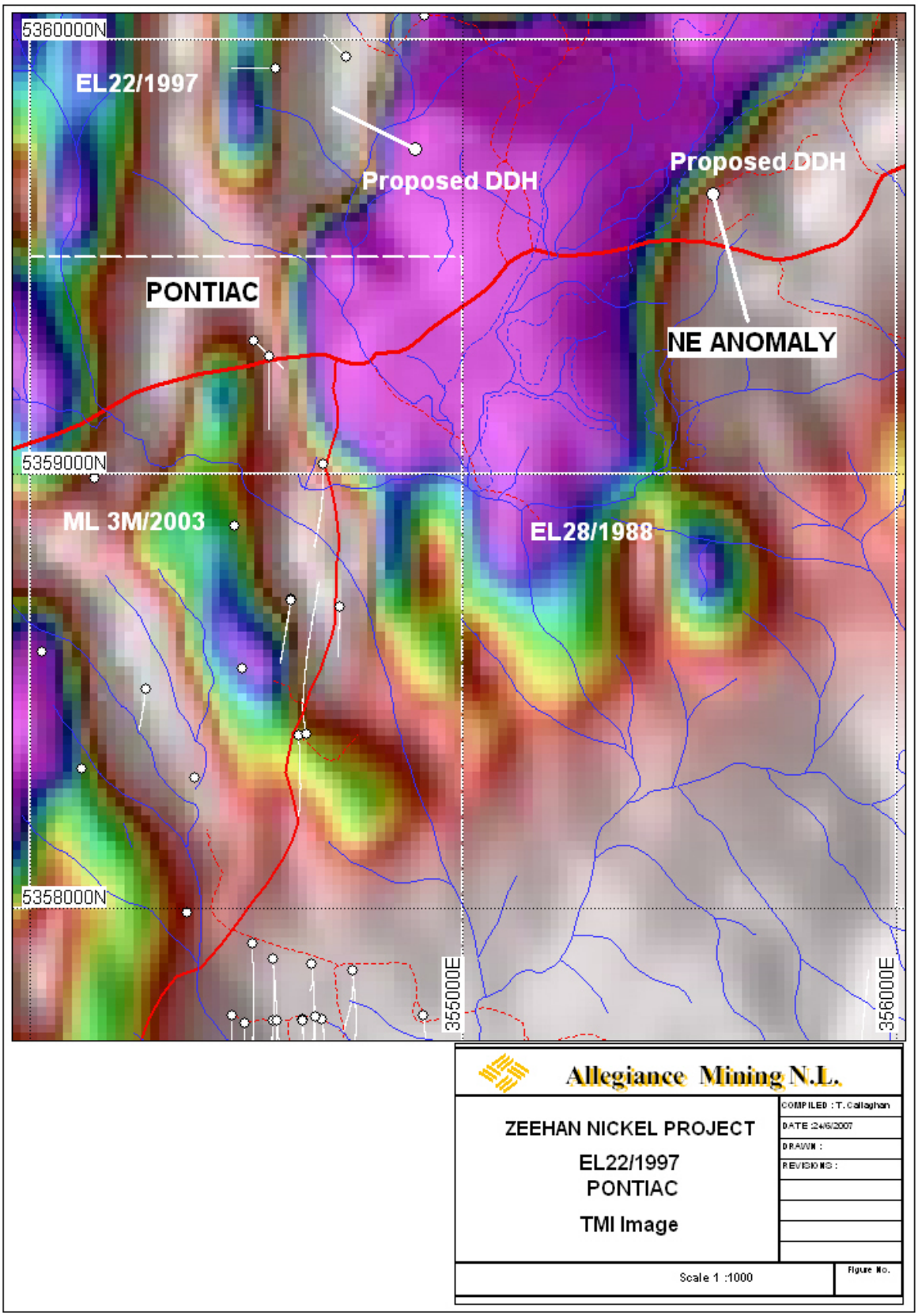


Figure 7. Proposed drilling for EL22/1997.

5 SCHEDULE AND BUDGET

The initial two holes are proposed to start in late August 2007. Further work planned for later in the year. The work program is expected to cost a minimum of $350 000.

APPENDICES

Allegiance Metals - Drill Log

BHID A165

Collar

Project	BHID	Easting	Northing	RL	Depth	Date	Geologist
West_Avel	A165	351226.1	5356339.1	2163.9	434.3	14/08/2006	AM
					Finished	12/10/2006	

Surveys

Project	BHID	Depth	Azm_Amg	Dip
West_Avel	A165	0	181	-50
West_Avel	A165	50	182	-50
West_Avel	A165	100	180	-49
West_Avel	A165	150	178	-48
West_Avel	A165	200	180	-48
West_Avel	A165	211	180	-48
West_Avel	A165	250	181	-47
West_Avel	A165	300	182	-46
West_Avel	A165	350	184	-45
West_Avel	A165	400	186	-44
West_Avel	A165	434	187	-44

Hole Sizes

From	Size
0-205.7	HQ
295.7-434.3	NQ

Drilled By

Almac 900

Analyses By

BRL

downhole surveys by eastman singleshot poor results. Azimuth interpolated as best guess. TC.

Comments

All NQ and HQ core retreived from hole.
A165 was target on a strong magnetic anomally beneath overthrust Precambrian siliclastics.
Magnetite outcrops 100m south. Samples AM11, AM12 and AM13
were taken with no significant results
Magnetitic Sustibility recorded on this hole.

Significant Intersections

No significant nickel sulphide mineralisation was intercepted.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A165	0	6.8	Ccc	GWAC	Ph	G3	0.00	Gr			Weathered coarse grained feldsphatic greywacke sandstone, core extremely broken. Abundant goethite joint faces. Minor phlogopite alteration.
West_Av	A165	6.8	105.7	Ccc	GWAC	PhMc	B2	0.05	Gr	Bd	30	Light brown to light grey massive and disrupted quartz sandstone beds with bands of thinly to thickly laminated siltstone beds. Minor phlogopite and actinolite altered sandstone sediments. Minor quartz veinlets present. Minor disseminated and veinlets of Py present. Minor Cb veinlets and mica present. Ground tends to be fairly broken and folded.
West_Av	A165	105.7	140.7		FALT	PhSi	A3	0.05	Sp			Disrupted mylonite brecciaed sandstone beds. Abundant phlogopite alteration and qtz veins. Minor calcite veinlets. Minor disseminated Py and Po present. Fine grained muddy/silicious matrix with abundant phlogopite and minor actinolite alteration. Healed fault zone?. Silica rich rocks. Tenth Legion fault?
West_Av	A165	140.7	178	Ccc	GWAC	PhAc	B2	0.05	Sp	Bd	35	Light brown to light grey massive and disrupted quartz sandstone beds with bands of thinly to thickly laminated siltstone beds. Minor phlogopite and actinolite altered sandstone sediments. Minor quartz veinlets present. Minor disseminated and veinlets of Po and Py present. Minor Cb veinlets and mica present. Ground tends to be fairly broken and folded. Silica altered?
West_Av	A165	178	182.2		FALT	SiTr	G2	0.05	Sp			Healed silica\tremolite\carbonate fault zone. Heavily altered contact between two different sediments. Abundant large tremolite and carbonate crystals present with abundant silica present. Minor disseminated niccolite present within tremolite.
West_Av	A165	182.2	186.6	Cba	VBLB	AcDi	G3	0.05	Sp	Fo	34	Volcaniclastic basaltic lithic breccia. Abundant diopside clasts and actinolite alteration. Fine grained actinolite crystals present. Minor disseminated Po. Minor phlogopite alteration.
West_Av	A165	186.6	205.8	Ccc	GWAC	PhAc	B3	0.05		Bd	35	Medium brown greywacke sandstone with abundant actinolite selvedges. Abundant phlogopite alteration. Abundant Po and Py sulphides present within actinolite selvedges. Abundant Cb veinlets towards lower contact.
West_Av	A165	205.8	211	Cba	VBLB	AcDi	G3	0.25	Sp			Volcaniclastic basaltic lithic breccia. Abundant diopside clasts and actinolite alteration. Fine grained actinolite crystals present. Minor disseminated Po. Minor

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												phlogopite alteration. Finely disseminated Po within fine grained actinolite alteration.
West_Av	A165	211	216.9	Csu	MMAG	MgTr	N	0.50	Gr			Heavily magnetite altered black serpentinite with small tremolite aggregates. Abundant Pe and Po present within tremolite aggregates and as veinlets aligned at 60 degrees to core axis. 55% magnetite, 30% serpentinite and 10% tremolite. Core tends to be slightly leached with numerous small vugs. Minor carbonate veinlets. Pepperitic lower contact.
West_Av	A165	216.9	226.3	Cba	VBLB	DiAc	G2	0.05	Sp			Volcaniclastic basaltic lithic breccia. Abundant diopside clasts and actinolite alteration. Fine grained actinolite crystals present. Minor disseminated Po. Minor phlogopite alteration towards upper contact. Finely disseminated and veinlets of Po within fine grained actinolite alteration. Trace Cpy. (Actinolite Skarn).
West_Av	A165	226.3	434.3	Ccc	GWAC	PhAc	B3	0.05		Bd	68	Massive to graded brown fine grained greywacke sandstone. Abundant phlogopite alteration with actinolite selvedges. Minor spotted tourmaline present. Minor veinlets of Po. Minor tourmaline spotting and carbonate veinlets. Minor disrupted beds. Actinolite altered sediment tends to contain more sulphides (Po) Bd 63 at 226.8m, Bd 34 at 290m, Bd 43 at 365m, Bd 50 at 340m, Bd 68 at 320m, Bd 50 at 377m, Bd 50 at 416. EOH 434.3m

Assay Sheet

Project	BHID	From m	To m	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Sn ppm	Pt ppm	Pd ppm
West_Ave	A165	62.8	63.2	0.03	980	40	32700	100	340	11.8	1.5	23.3	10	30	<0.01	<0.01
West_Ave	A165	65.8	66.4	0.01	540	80	240	50	100	4.6	1.8	11.3	20	70	<0.01	<0.01
West_Ave	A165	106.8	107.8	-0.01	120	40	90	50	-20	1.2	1.9	4.7	10	80	<0.01	<0.01
West_Ave	A165	181.5	182.1	0.11	30	160	390	500	-20	-0.1	14.9	6.0	10	170	<0.01	<0.01
West_Ave	A165	205.8	206.8	0.06	140	30	70	-50	40	1.4	7.8	10.5	20	160	<0.01	<0.01
West_Ave	A165	211	212	0.14	120	20	1540	100	200	0.5	30.1	32.2	570	130	<0.01	<0.01
West_Ave	A165	212	213	0.17	110	20	7980	50	340	1.9	21.1	47.1	980	370	<0.01	<0.01
West_Ave	A165	213	214	0.21	360	20	11300	50	520	6.7	9.1	60.2	1340	1040	<0.01	<0.01
West_Ave	A165	214	215	0.16	360	41	1470	50	400	5.6	12.7	47.6	950	300	<0.01	<0.01
West_Ave	A165	215	216	0.20	370	20	1900	50	480	7.6	10.4	56.6	900	1020	<0.01	<0.01
West_Ave	A165	216	217.3	0.18	350	10	11400	50	420	6.6	16.1	46.7	920	410	<0.01	<0.01
West_Ave	A165	217.3	218.1	0.04	40	20	450	-50	60	0.1	14.6	12.9	150	220	<0.01	<0.01
West_Ave	A165	218.1	219	0.04	50	30	310	-50	40	0.1	11.9	12.0	120	220	<0.01	<0.01
West_Ave	A165	219	220	0.03	20	30	200	-50	40	-0.1	11.3	11.4	160	250	<0.01	<0.01
West_Ave	A165	220	221	0.02	40	20	80	50	-20	0.1	6.8	6.0	20	180	<0.01	<0.01
West_Ave	A165	221	222	0.02	40	10	40	50	-20	0.1	5.0	6.5	10	240	<0.01	<0.01
West_Ave	A165	222	223	0.19	680	20	90	-50	280	7.6	11.7	17.1	950	150	<0.01	<0.01
West_Ave	A165	223	224.1	0.07						1.0	11.2	11.2		180	<0.01	<0.01
West_Ave	A165	224.1	225.2	0.06						-0.1	12.0	11.2		120	<0.01	<0.01
West_Ave	A165	225.2	226.3	0.08						0.2	10.6	11.6		150	<0.01	<0.01
West_Ave	A165	401	402	0.02						0.7	5.5	9.6		60	<0.01	<0.01

Allegiance Metals - Drill Log

BHID A167

Collar

Project	BHID	Easting	Northing	RL	Depth	Date	Geologist
West_Avel	A167	350796.1	5356389.4	2159.5	549.1	5/09/2006	AM

Surveys

Project	BHID	Depth	Azm_Amg	Dip
West_Avel	A167	0	177.3	-50
West_Avel	A167	50	178	-50
West_Avel	A167	100	179	-48
West_Avel	A167	150	182	-49
West_Avel	A167	200	182	-49
West_Avel	A167	250	182	-46
West_Avel	A167	300	183	-45.5
West_Avel	A167	350	183	-43.5
West_Avel	A167	400	184	-45
West_Avel	A167	450	185	-45
West_Avel	A167	500	186	-44
West_Avel	A167	540	186	-42.5

Hole Sizes

From	Size
0-318.8	HQ
318.8-EOH	NQ

Drilled By

AD900

Analyses By

BRL

Surveys interpolated
(best guess TC)

Comments

West Avebury magnetic anomolies targeted. One mineralised ultramafic bed intersected.
Magnetitic Sustibility recorded on this hole.

Significant Intersections

No significant assays
Minor Zn anomalism.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A167	0	17.3	Pco	SAND	PhAc	A3	0.05	Sp	Bd	30	Weathered fine grained quartz sandstone. Core extremely broken with abundant iron stained joints. Disrupted and folded bedding present. Siliceous rock with puggy zones. Minor pyrite on joint faces. End of Oonah?
West_Av	A167	17.3	21.2		FALT	PhAc	A3	0.05	Ft			Broken fault zone with minor phlogopite and silica alteration. Core extremely broken. Minor veinlets and disseminated Py. Core fragments tend to be silica rich. 20.9m 40cm of core loss.
West_Av	A167	21.2	22.2	Ccc	GWAC	PhAc	A3	0.05	Gr			Fine grained competent greywacke sandstone. Minor veinlets and disseminated Py present. Minor actinolite and phlogopite alteration present with Py. Minor secondary carbonate veinlets. Minor diopside alteration present. Minor epidote alteration. Core tends to be leached.
West_Av	A167	22.2	22.9	Ccc	SILT	Cb	A4	0.00	Gr	Bd	32	Fine grained siltstone with minor dark grey siltstone laminations. Minor carbonate veinlets present. No visible sulphides present. Minor actinolite present.
West_Av	A167	22.9	25.2	Ccc	GWAC	PhAc	A3	0.05	Gr	Bd	32	Fine grained competent greywacke sandstone. Minor veinlets/blebbs of Py present. Minor actinolite alteration present with Po sulphides present. Selective phlogopite alteration along more sandy layers. Minor secondary carbonate veinlets and minor diopside alteration present. Core tends to be slightly leached. Phlogopite and actinolite alteration tends to be more intense towards lower contact. Beds tend to be extremely disrupted and folded, mottled textures.
West_Av	A167	25.2	25.3		FALT	Cb	C2	0.05	Ft	Ft	45	Small carbonate puggy broken fault.
West_Av	A167	25.3	47.9	Ccc	GWAC	PhAc	A3	0.05	Gr	Bd	32	Fine grained competent greywacke sandstone. Minor veinlets/blebbs of Py present. Minor actinolite alteration present with Po sulphides present. Selective phlogopite alteration along more sandy layers. Minor secondary carbonate veinlets and minor diopside alteration present. Core tends to be slightly leached. Phlogopite and actinolite alteration tends to be more intense towards lower contact. Beds tend to be extremely disrupted and folded, mottled textures. Sulphides more common towards lower contact.
West_Av	A167	47.9	50.2		FALT	PhAc	G2	0.25	Sp	Lc	40	Folded/disrupted well healed fault zone. Predominently infilled with quartz and minor diopside. Minor disseminated Po. Abundant phlogopite and actinolite altered matrix.
West_Av	A167	50.2	57	Cba	VBLM	AcDi	G2	0.05	Gr	Fo	50	Light green volcaniclastic basaltic lithic medium with silty/sandy tops. Abundant

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												actinolite alteration with minor basaltic altered diopside bands. Minor phlogopite alteration within sandy layers. Abundant disseminated and veinlets of Po present.
West_Av	A167	57	72.3	Ccc	GWAC	Ph	B3	0.05		Bd	24	Light green brown massive and disrupted greywacke sandstone. Abundant actinolite and phlogopite alteration. Minor disseminated and veinlets of Po and Py within actinolite altered sediment. Fine grained sediment.
West_Av	A167	72.3	75	Cba	GABB	AcDi	G2	0.05	Sp			Coarse grained light green hornfels gabbro. Abundant actinolite alteration and minor phlogopite alteration. Minor disseminated Po sulphides. Minor diopside alteration of matrix. Slightly mottled texture.
West_Av	A167	75	75.7	Ccc	GWAC	Ph	B3	0.05	Ft	Bd	24	Brown massive and disrupted greywacke sandstone. Abundant phlogopite alteration. Minor disseminated and veinlets of Po and Py. Slightly diopside altered. Slightly leached core.
West_Av	A167	75.7	76.1		FALT	PhAc	B3	0.05	Ft	Ft	41	Small broken fault zone. Abundant phlogopite alteration with minor carbonate Vns
West_Av	A167	76.1	79.9	Cba	VBLB	AcDi	G2	0.05	Gr	Fo	43	Volcaniclastic basaltic lithic breccia. Abundant disrupted folded beds. Abundant diopside altered bands and actinolite altered matrix. Minor disseminated Po and Py. Minor coarse grained actinolite alteration.
West_Av	A167	79.9	126.4	Ccc	GWAC	PhAc	B2	0.25		Bd	54	Light green to brown massive and disrupted greywacke sandstone. Abundant actinolite alteration and phlogopite altered sandy layers. Minor disseminated and veinlets of Po and Py within actinolite altered sediment. Fine to medium grained sediment. Sulphides more common towards lower contact.
West_Av	A167	126.4	126.9		FALT	Cb	W	0.05	Ft	Ft	35	Small broken fault zone. Abundant carbonate present.
West_Av	A167	126.9	150.4	Ccc	GWAC	PhAc	B2	0.25	Sp	Bd	30	Disrupted and graded greywacke sandstone beds. Abundant phlogopite and actinolite altered sediment and selvedge's. Abundant Po present within actinolite altered sediment. Sulphides more common towards lower contact. Minor carbonate veinlets. Minor chloritic joints. Minor Py present.
West_Av	A167	150.4	152.4	Ccc	GWAC	PoMg	A2	0.50	Gr			Heavily altered coarse grained greywacke sandstone. Abundant disseminated and veinlets of magnetite and phyrrotite. Abundant actinolite altered sediment.
West_Av	A167	152.4	248	Ccc	GWAC	PhAc	B3	0.05	Sp	Bd	47	Light brown to light green disrupted and graded greywacke sandstone with silty

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												tops. Abundant actinolite selvedge's and phlogopite flooded sediments. Minor disseminated Po present commonly associated with actinolite. Minor bands of magnetite with minor Po present. Minor carbonate veining towards lower contact. Low angle contact with ultramafic.
West_Av	A167	248	251.5	Csu	SKSP	Mg	G2	0.25	Gr			Light green meta-somatised serpentinite skarn. The core tends to be leached. Minor 5% disseminated and veinlets of magnetite. Minor <1% apple green zaratite alteration. Minor <5% Po and Py. Fine to coarse grained serpentinite. Minor Cb veinlets.
West_Av	A167	251.5	254.6	Ccc	GWAC	AcDi	G3	0.25	Gr			Light green, fine to medium grained actinolite altered greywacke sandstone. Abundant Po associated with actinolite alteration. Minor diopside flooding?. Minor disseminated Mg and Py present. Minor carbonate veinlets. Minor Py present. Pepperitic type upper and lower contacts.
West_Av	A167	254.6	267.5	Csu	SKSP	Mg	G2	0.25	Gr			Light green meta-somatised serpentinite skarn. The core tends to be leached. Minor 5% disseminated and veinlets of magnetite. Minor <1% apple green zaratite alteration. Minor <5% Po - Py. Fine to coarse grained serpentinite. Minor Cb Vns
West_Av	A167	267.5	284.1	Ccc	CCARB	MgDi	A2	0.25	Sp			Heavily altered limestone beds. Abundant disseminated and veinlets of 15% magnetite alteration. Abundant styolitic type features. Abundant magnetic Po veinlets. Abundant light green carbonate and diopside alteration. Minor light green Sp veinlets. Trace Pe present. Predominantly Cb beds.
West_Av	A167	284.1	313.6	Csu	SKSP	Mg	G2	0.25	Gr			Light green meta-somatised fine grained serpentinite skarn. Minor 5% disseminated, veinlets and blebbs of magnetite. Minor <1% apple green zaratite alteration. Minor <5% Po, Py and trace Pe?. Cb altered ultramafic. Trace Cpy. Trace tremolite present.
West_Av	A167	313.6	333.7	Cba	VBLB	AcPh	G3	0.05	Gr			Dark green volcaniclastic basaltic lithic breccia. Abundant clasts of diopside overprinted with phlogopite alteration. Heavily altered actinolite matrix (skarned). Minor disseminated and veinlets of Po and trace Cpy. Minor chlorite alteration and apophyllite veinlets. Minor bands of magnetite alteration in heavily altered

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												actinolite zones.
West_Av	A167	333.7	358.2	Cba	VBLB	AcDi	G3	0.25	Sp	Bd	43	Dark green volcaniclastic basaltic lithic breccia. Abundant mottled diopside clasts within a heavily altered fine to medium grained actinolite matrix. Minor disseminated Po within heavily altered actinolite zones and tremolite zones?. Trace Cpy within disseminated and veinlets of Po. Trace Py present. Minor apophyllite alteration.
West_Av	A167	358.2	360.9	Cba	SKRN	AcDi	G3	0.05	Sp	Jt	35	Dark green actinolite skarn. Minor 5% diopside clasts present. Trace sulphides Po? present. Well jointed towards lower contact. Slightly vuggy towards lower contact. 90% actinolite skarn.
West_Av	A167	360.9	361		FALT		G3	0.05	Ft	Ft	80	Small broken fault zone. Core extremely broken.
West_Av	A167	361	375	Cba	SKRN	AcDi	G3	0.05	Sp	Jt	35	Dark green actinolite skarn. Minor 5% diopside clasts present. Trace sulphides Po? present. Well jointed towards lower contact. 90% actinolite skarn. Minor magnetite present within bands.
West_Av	A167	375	399.7	Cba	VBLB	AcPh	G3	0.25	Sp	Bd	43	Dark green volcaniclastic basaltic lithic breccia. Abundant mottled phlogopite 30% alteration and diopside 5% clasts within a heavily altered fine to medium grained 65% actinolite matrix. Minor disseminated Po within heavily altered actinolite zones and tremolite zones?. Trace Cpy within disseminated and veinlets of Po. Trace Py present.
West_Av	A167	399.7	402	Cba	DOLE	PlAc	G3	0.25	Sp	Cn	72	Light green dolerite with abundant altered plagioclase laths and actinolite matrix. Abundant finely disseminated Po with lattice work. Minor Po veinlets present. Heavily actinolite altered.
West_Av	A167	402	411.9	Cba	SKRN	AcPh	B3	0.25	Sp			Medium brown actinolite-phlogopite skarn. Minor 5% diopside clasts present which tend to be heavily altered. Minor disseminated and veinlets of Po and Cpy present. 50% actinolite and 50% phlogopite.
West_Av	A167	411.9	417.8	Cba	DOLE	PlAc	G3	0.25	Sp	Cn	72	Light green dolerite with abundant altered plagioclase laths and actinolite matrix. Abundant finely disseminated Po with lattice work. Minor Po veinlets and trace Cpy present. Heavily actinolite altered.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A167	417.8	429.4	Cba	SKRN	AcPh	B3	0.25	Sp			Medium brown actinolite-phlogopite altered skarn. Minor 5% diopside clasts present which tend to be Ph altered. Abundant disseminated and veinlets of Po and Cpy present. 60% actinolite and 35% phlogopite.
West_Av	A167	429.4	443	Cba	VBLB	AcDi	G3	0.25	Sp			Dark green volcaniclastic basaltic lithic breccia. Abundant mottled phlogopite 30% alteration and diopside 5% clasts within a heavily altered fine to medium grained 65% actinolite matrix. Minor disseminated Po within heavily altered actinolite zones and tremolite zones?. Trace Cpy within disseminated and veinlets of Po. Trace Py present. Diopside clasts tend to be altered with phlogopite.
West_Av	A167	443	449.9	Cba	SKRN	AcPh	G3	0.50	Sp			Light green actinolite altered skarn. Minor 5% diopside clasts. Abundant Po and and trace Cpy present. Trace phlogopite selvedges and minor tremolite present. Minor carbonate veinlets.
West_Av	A167	449.9	511.6	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	40	Medium brown, fine grained phlogopite altered greywacke sandstone. Minor actinolite selvedges. Minor Po sulphides present and trace Cpy. Both graded and disrupted beds. Minor carbonate veinlets present. BCA at 464.5m is 35. BCA at 469.4m is 40. BCA at 496.5m is 50. BCA at 501.5m is 50.
West_Av	A167	511.6	512.7		FALT	QzTr	W2	0.25	Ft			Small quartz fault. Abundant tremolite actinolite and quartz veining. Minor Pe?, Po and trace Cpy.
West_Av	A167	512.7	549.1	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	40	Medium brown, fine grained phlogopite altered greywacke sandstone. Minor actinolite selvedges. Minor Po sulphides present and trace Cpy. Both graded and disrupted beds. Minor carbonate veinlets present. BCA at 507.4m is 26. BCA at 531.8m is 24. BCA at 534.5m is 20. EOH 549.1m

Assay Sheet																
Project	BHID	From m	To m	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Sn ppm	Strat	Rock
West_Ave	A167	114.6	115.6	0.06	70	-10	80	-50	80	1.0	10.4	14.5	270	180		
West_Ave	A167	118.6	119.6	0.05	260	-10	40	-50	140	3.2	6.2	13.9	20	80		
West_Ave	A167	123.2	124.2	0.04	260	-10	30	-50	140	3.5	7.1	16.7	20	50		
West_Ave	A167	150.4	151.4	0.06	40	-10	90	-50	140	0.7	7.3	22.5	30	110		
West_Ave	A167	151.4	152.4	0.07	40	-10	100	50	140	0.8	6.9	24.2	30	70		
West_Ave	A167	154.2	155.2	0.03	120	10	50	-50	140	3.2	1.9	8.6	30	30		
West_Ave	A167	241.8	242.8	0.02	300	10	40	-50	60	2.0	5.8	9.4	30	70		
West_Ave	A167	247	248	0.03	130	30	1730	-50	-20	0.2	7.3	7.2	90	140		
West_Ave	A167	248	249	0.02	10	30	80	-50	-20	-0.1	9.9	4.1	200	190		
West_Ave	A167	249	250	0.01	90	150	4560	-50	-20	0.1	11.8	1.4	570	190		
West_Ave	A167	250	251	0.01	10	70	100	50	-20	-0.1	12.5	1.3	540	140		
West_Ave	A167	251	252	0.08	70	20	130	50	20	0.4	5.9	8.2	980	100		
West_Ave	A167	252	253	0.13	300	10	340	-50	120	1.3	7.2	15.3	3400	80		
West_Ave	A167	253	254	0.19	730	20	190	-50	160	0.4	7.0	16.2	1040	50		
West_Ave	A167	254	255	0.24	300	10	90	50	160	0.8	6.3	14.7	560	60		
West_Ave	A167	255	256	0.13	80	30	60	-50	20	0.5	9.0	7.5	290	190		
West_Ave	A167	256	257	0.17	110	30	80	50	-20	0.6	11.2	4.1	380	180		
West_Ave	A167	257	258	0.19	90	20	150	50	-20	0.7	11.7	4.0	1640	200		
West_Ave	A167	258	259	0.16	120	40	110	50	-20	0.6	11.5	3.9	990	190		
West_Ave	A167	259	260	0.10	140	40	200	100	-20	0.4	7.8	3.0	2100	200		
West_Ave	A167	260	261	0.06	50	70	90	50	-20	-0.1	7.6	3.6	320	220		
West_Ave	A167	261	262	0.07	70	30	80	100	-20	0.1	8.5	2.7	150	220		
West_Ave	A167	262	263	0.12	130	30	240	250	-20	0.5	8.4	5.8	1410	200		
West_Ave	A167	263	264	0.04	50	20	120	50	-20	0.1	9.6	3.2	780	190		
West_Ave	A167	264	265	0.06	60	40	80	150	-20	-0.1	9.9	1.0	210	180		
West_Ave	A167	265	266	0.09	60	40	110	50	-20	0.1	8.2	2.5	600	220		
West_Ave	A167	266	267	0.06	50	20	80	50	-20	0.1	9.6	1.5	680	200		
West_Ave	A167	267	268	0.04	50	20	90	50	-20	-0.1	9.2	3.2	260	240		
West_Ave	A167	268	269	0.10	20	-10	380	50	40	-0.1	11.4	11.6	1220	210		
West_Ave	A167	269	270	0.13	60	-10	440	50	120	0.4	11.9	18.9	1800	180		
West_Ave	A167	270	271	0.16	280	-10	3700	50	140	1.8	10.2	14.2	1550	200		
West_Ave	A167	271	272	0.06	70	10	270	50	-20	0.1	12.0	5.7	700	250		
West_Ave	A167	272	273	0.10	40	-10	490	50	40	0.1	11.8	11.1	850	280		
West_Ave	A167	273	274	0.11	50	10	170	100	40	0.2	9.4	8.6	710	230		

Assay Sheet																
Project	BHID	From m	To m	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Sn ppm	Strat	Rock
West_Ave	A167	274	275	0.09	70	10	160	50	20	0.2	9.7	6.6	600	230		
West_Ave	A167	275	276	0.21	210	-10	170	50	100	0.6	9.8	8.7	550	220		
West_Ave	A167	276	277	0.33	2160	-10	910	50	240	1.4	10.4	10.6	900	170		
West_Ave	A167	277	278	0.10	190	-10	670	50	40	0.2	11.8	6.9	610	290		
West_Ave	A167	278	279	0.28	180	-10	230	50	140	0.8	14.7	13.0	1370	140		
West_Ave	A167	279	280	0.20	480	-10	700	50	100	0.6	11.9	8.9	1080	250		
West_Ave	A167	280	281	0.11	130	-10	150	50	20	0.3	11.1	6.8	750	260		
West_Ave	A167	281	282	0.11	390	-10	170	50	100	1.9	11.9	14.2	1050	250		
West_Ave	A167	282	283	0.10	570	10	1340	-50	100	2.2	9.9	7.8	750	250		
West_Ave	A167	283	284	0.15	640	20	4390	-50	100	2.1	7.8	6.6	300	260		
West_Ave	A167	284	285	0.24	790	20	550	-50	180	4.1	5.9	10.5	300	240		
West_Ave	A167	285	286	0.07	310	50	90	-50	20	1.1	6.7	5.4	220	260		
West_Ave	A167	286	287	0.06	270	20	50	50	-20	0.9	7.8	2.2	160	210		
West_Ave	A167	287	288	0.02	110	10	70	50	-20	0.3	7.8	4.7	300	240		
West_Ave	A167	288	289	0.02	100	20	90	-50	-20	0.3	9.0	1.7	180	230		
West_Ave	A167	289	290	0.03	100	-10	80	50	80	0.7	4.2	20.6	1640	230		
West_Ave	A167	290	291	0.01	70	10	40	50	-20	0.1	6.5	0.6	340	260		
West_Ave	A167	291	292	0.02	190	20	50	50	-20	0.4	7.7	3.2	400	280		
West_Ave	A167	292	293	0.03	340	20	60	50	-20	0.8	5.4	6.8	520	260		
West_Ave	A167	293	294	0.08	970	30	90	-50	80	2.3	7.1	6.4	260	210		
West_Ave	A167	294	295	0.03	460	30	50	-50	20	1.0	7.2	5.0	160	210		
West_Ave	A167	295	296	0.03	210	40	50	50	-20	0.4	6.8	4.5	190	240		
West_Ave	A167	296	297	0.05	320	30	40	50	-20	1.0	7.0	5.5	240	260		
West_Ave	A167	297	298	0.02	170	20	40	50	-20	0.3	9.2	1.8	160	230		
West_Ave	A167	298	299	0.04	310	40	80	-50	-20	0.6	9.6	1.9	130	220		
West_Ave	A167	299	300	0.02	170	40	80	50	-20	0.2	9.5	1.6	120	210		
West_Ave	A167	300	301	0.02	150	100	140	50	-20	0.2	10.0	1.2	290	190		
West_Ave	A167	301	302	0.03	210	50	150	-50	-20	0.3	9.9	1.5	640	210		
West_Ave	A167	302	303	0.10	740	30	190	50	20	1.3	8.9	3.5	1180	190		
West_Ave	A167	303	304	0.09	870	30	90	50	80	2.0	5.6	8.0	2160	270		
West_Ave	A167	304	305	0.05	440	50	90	50	80	1.1	2.1	11.9	1130	310		

Assay Sheet																
Project	BHID	From m	To m	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Sn ppm	Strat	Rock
West_Ave	A167	305	306	0.05	570	290	220	-50	80	1.2	2.4	10.6	950	210		
West_Ave	A167	306	307	0.05	310	40	90	-50	60	0.9	7.6	9.5	1250	240		
West_Ave	A167	307	308	0.07	470	50	60	-50	120	1.9	6.3	12.2	750	190		
West_Ave	A167	308	309	0.07	400	70	260	-50	20	1.3	11.7	4.9	1750	190		
West_Ave	A167	309	310	0.08	170	90	150	100	-20	0.6	11.7	4.0	770	200		
West_Ave	A167	310	311	0.04	50	130	230	250	-20	0.2	11.8	5.1	2010	220		
West_Ave	A167	311	312	0.05	80	80	230	150	-20	0.2	11.9	4.5	2070	190		
West_Ave	A167	312	312.8	0.05	90	200	340	50	-20	0.2	11.3	4.4	2420	220		
West_Ave	A167	312.8	313.6	0.03	50	120	450	-50	-20	0.1	11.3	4.9	2240	200		
West_Ave	A167	313.6	314.6	0.04	40	30	1190	50	20	-0.1	9.9	8.1	310	210		
West_Ave	A167	314.6	315.6	0.04	20	30	240	50	20	-0.1	9.6	8.1	110	140		
West_Ave	A167	351.4	352.4	0.04	150	20	140	-50	80	0.6	9.2	10.7	430	140		
West_Ave	A167	400.6	401.7	0.01	130	30	50	-50	-20	0.1	4.6	6.8	10	30		
West_Ave	A167	411.9	412.9	0.02	600	10	40	-50	100	1.9	5.3	11.7	20	30		
West_Ave	A167	412.9	413.9	0.01	360	10	30	-50	60	0.9	4.7	9.2	10	40		
West_Ave	A167	418.6	419.7	0.03	610	-10	90	-50	160	2.2	7.1	17.4	40	90		
West_Ave	A167	432.2	433.2	0.02	580	-10	60	-50	100	1.5	5.7	13.0	140	100		
West_Ave	A167	433.2	434.2	0.03	1420	-10	60	-50	220	3.9	7.1	16.8	390	70		
West_Ave	A167	434.2	435.2	0.01	680	-10	120	-50	80	1.1	4.9	12.7	20	110		
West_Ave	A167	435.2	436.2	0.02	540	-10	80	-50	80	1.3	4.6	12.6	20	80		
West_Ave	A167	436.2	437.2	0.01	270	20	60	-50	40	0.4	4.3	9.9	20	110		
West_Ave	A167	437.2	438.2	0.02	850	10	60	-50	100	2.1	4.8	13.0	30	90		
West_Ave	A167	438.2	439.2	0.02	240	-10	70	-50	40	0.4	5.0	11.7	40	110		
West_Ave	A167	439.2	440.2	0.02	230	-10	80	-50	40	0.5	5.4	11.9	90	90		
West_Ave	A167	443.5	444.5	0.07	470	20	60	-50	100	0.8	7.1	12.0	240	110		
West_Ave	A167	448.9	449.9	0.09	790	10	70	-50	140	1.4	7.5	12.3	290	90		
West_Ave	A167	511.6	512.7	0.01	340	80	240	-50	40	1.0	3.4	8.4	30	20		

Allegiance Metals - Drill Log

BHID

A168

Collar

Project	BHID	Easting	Northing	RL	Depth	Date	Geologist
West_Avel	A168	350416.9	5356388.7	2153	479.5	30/10/2006	AM
					Finished da	13/11/2006	

Surveys

Project	BHID	Depth	Azm_Amg	Dip
West_Avel	A168	50	198.4	-50
West_Avel	A168	100	198.4	-48.5
West_Avel	A168	150	198.4	-47
West_Avel	A168	200	198.4	-45.5
West_Avel	A168	250	198.4	-42
West_Avel	A168	300	198.4	-41
West_Avel	A168	350	198.4	-40.5
West_Avel	A168	400	198.4	-39.5
West_Avel	A168	450	198.4	-38
West_Avel	A168	479.5	198.4	-37.5

Hole Sizes

From	Size
0-257.4	HQ
257.4-EOH	NQ

Drilled By

AD900

Analyses By

BRL

Surveys by Almac
(best guess)

Comments

Carbonate and ultramafic rocks intersected
West Avebury magnetic anomoly.
Magnetitic Sustibility recorded on this hole.

Significant Intersections

No significant assays.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A168	0	5.7	Cba	CLAY	Ge	O3	0.00	Gr			Bright orange clay. Core extremely broken with abundant iron stained joints. No visible sulphides present. Minor goethite present.
West_Av	A168	5.7	19.4	Cba	VBLB	AcDi	G3	0.25	Gr	Fo	45	Medium green volcaniclastic basaltic lithic breccia. Abundant actinolite and diopside alteration with minor phlogopite alteration. Minor sulphides associated with actinolite alteration/veins likely to be Py and Po. Minor carbonate veinlets with minor Py and Po present.
West_Av	A168	19.4	24.6	Cbg	GABB	AcPl	G3	0.05	Sp			Dark green dolerite. Abundant actinolite alteration with minor plagioclase alteration. Actinolite alteration tends to be fairly fine grained while the plagioclase alteration tends to be coarse grained. Maybe some fine grained epidote alteration. Minor disseminated Po sulphides.
West_Av	A168	24.6	48.2	Cba	VBLB	AcDi	G3	0.05	Sp	Fo	44	Medium green volcaniclastic basaltic lithic breccia with sandy layers. Abundant actinolite and diopside alteration with minor phlogopite alteration of sandy sediment. Minor sulphides associated with actinolite alteration/veins likely to be pyrite and Po. Minor carbonate veinlets with minor Py and Po present. Diopside alteration tends to be more intense towards lower contact. Lower contact is at 44.
West_Av	A168	48.2	83.4	Ccc	GWAC	PhAc	B3	0.05		Bd	30	Medium brown fine to medium grained disrupted greywacke sandstone beds with silty tops/beds. Abundant actinolite selvedges present and flooded phlogopite alteration. Minor dark green tremolite veinlets present. Minor sulphides present Po? Minor calcite veinlets within small broken zone between 72.6m and 73.2m. Abundant disseminated and veinlets of magnetite present.
West_Av	A168	83.4	83.5		FALT	PoPy	G3	10.00	Ft	Ft	65	Small fault with abundant Po and Py. Abundant carbonate present and apophyllite crystals.
West_Av	A168	83.5	87.3	Cba	VBLM	DiAc	C3	0.25	Gr			Cream/pale green volcaniclastic basaltic lithic medium. Abundant diopside and pale green actinolite alteration and selvedges. Abundant veinlets and disseminated Po and Py sulphides present.
West_Av	A168	87.3	100.4	Cba	SKRN	Ac	G3	0.25	Gr			Light Pale green actinolite altered skarn with sandy layers. Abundant actinolite replacement with both veinlets of Po and Py. Sandy layers are weakly phlogopite altered. Some actinolite veins/selvedges tend to have coarse crystal present.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A168	100.4	108.8	Cba	SKRN	Ac	G3	0.25	Gr			Pale green medium grained actinolite skarn. Abundant veinlets and disseminated Po and Py sulphides present. Some minor brown phlogopite alteration. Minor tourmaline and diopside present. Actinolite flooded sediment.
West_Av	A168	108.8	126.8	Cba	VBLB	AcDi	G3	0.25	Sp	Bd	55	Medium green volcaniclastic basaltic lithic breccia with sandy tops. Abundant diopside alteration of clasts with an actinolite altered matrix. Actinolite alteration has altered/replace the sandy sediment. Minor phlogopite alteration of sandy layers. Abundant disseminated and veinlets of Po present. Trace Py and Cpy present. Sulphides more common within actinolite altered sediment. 40% diopside, 50% actinolite, 10% phlogopite alteration.
West_Av	A168	126.8	161.7	Ccc	GWAC	PhAc	B3	0.05	Sp	Bd	44	Medium brown disrupted to massive phlogopite altered greywacke sandstone with silty tops. Abundant actinolite selvedges with sulphides present. More phlogopite alteration within sandy sediment while finer sediment tends to be less altered.
West_Av	A168	161.7	162.1	Cba	VBLB	DiAc	G2	0.05	Sp			Light pale green volcaniclastic basaltic lithic breccia. Abundant diopside alteration with fine grained actinolite flooding. Trace Po present.
West_Av	A168	162.1	237.8	Ccc	GWAC	PhAc	B3	0.05	Sp	Bd	44	Medium brown massive to disrupted phlogopite altered greywacke sandstone with silty tops. Abundant actinolite selvedges with Po, Cpy and Pe?. More phlogopite alteration within sandy sediment while finer sediment tends to be less altered. Minor single diopside clasts with actinolite alteration present towards top of bed.
West_Av	A168	237.8	240.9	Ccc	GWAC	PhAc	G2	0.05	Gr			Brecciaed greywacke sandstone with abundant carbonate and sandstone clasts. Minor phlogopite and actinolite alteration. Abundant carbonate veinlets present. Minor diopside and sericite alteration present. Minor trace sulphides with actinolite altered sediment. Pepperritic lower contact?
West_Av	A168	240.9	253.2	Cba	GABB	AcPh	G2	0.25	Gr			Heavily altered pale green medium to coarse grained gabbro. Abundant Po and minor Py present within actinolite alteration. Minor diopside, phlogopite and calcite veinlets. Pyroxene needles present but matrix has been total replace.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A168	253.2	293.7	Cba	SKRN	Di	G2	0.25	Sp			Small 5cm thick Po veins present at lower contact. Minor magnetite present. Heavily altered pale green diopside skarn. Abundant magnetite and tremolite veinlets with minor calcite. Minor actinolite alteration. Minor disseminated and veinlets of Po present with trace Cpy. Trace mica present. Minor phlogopite present.
West_Av	A168	293.7	333.2	Ccc	GWAC	PhAc	G2	0.05	Sp			Light brown to pale green greywacke sandstone. Abundant phlogopite flooding and actinolite selvedges. Sandy layers tend to be more phlogopite altered. Minor diopside alteration towards lower contact 324m-333.1m Trace Po present. Predominately massive beds with minor grading od sediment.
West_Av	A168	333.2	334	Csu	SKSP	Tr	G1	0.25	Gr			Meta-somatised serpentinite skarn. Pale light green medium grained ultramafic. Abundant veinlets of Po. Minor diopside and actinolite selvedges present. Low angle upper contact at 10 degrees.
West_Av	A168	334	335.6	Cba	SKRN	AcDi	G2	1.00	Sp			Medium green actinolite skarn. Abundant Po sulphides rimed with chalcopyrite. Sulphides commonly within actinolite and calcite altered matrix. Minor tremolite and talc alteration. Low angle lower contact 10 degrees.
West_Av	A168	335.6	338.5	Csu	SKSP	Tr	G1	0.50	Sp			Meta-somatised serpentinite skarn. Pale light green medium grained ultramafic. Abundant veinlets of Po within limestone and tremolite veins. Minor diopside and actinolite selvedges present. Lower contact at 40 degrees. Slightly brecciaed towards lower contact.
West_Av	A168	338.5	373.4	Ccc	CARB	MgTr	A3	0.25	Sp	Fo	51	Medium grey heavily altered limestone beds. Abundant disseminated and veinlets of magnetite. Minor tremolite alteration with minor zones of Po mineralisation. Minor Sp veinlets. Minor talc present in phlogopite altered mudstone clasts?. Foliation present.
West_Av	A168	373.4	387.5	Csu	SKSP	TrCb	G1	0.25	Sp			Meta-somatised serpentinite skarn. Pale light green medium grained ultramafic. Minor veinlets of Po within limestone and tremolite veins. Abundant carbonate alteration. Minor zaratite spotting. Undulating sharp lower contact at 43 degrees.
West_Av	A168	387.5	389.1	Ccc	CARB	MgTr	A3	0.25	Sp			Medium grey heavily altered limestone beds. Abundant disseminated and veinlets of magnetite. Minor tremolite alteration with minor zones of Po.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												Minor light green Sp veinlets and fine grained talc present.
West_Av	A168	389.1	398.2	Csu	SERP	DiTr	A3	0.25	Gr	Fo	53	Mottled black serpentinite and light green serpentinite skarn. Abundant diopside and tremolite alteration 30%. Abundant magnetite veinlets 30%. Black serpentinite 35%. Trace sulphides present.
West_Av	A168	398.2	479.5	Csu	SERP	DiSc	N	0.05				Black serpentinite with abundant fine spotted diopside alteration. Finely disseminated magnetite present. Trace sulphides within rare small tremolite veinlets. Abundant fine vesicular chrysotile joints present. Minor serpentine veinlets present. EOH at 479.5m.

Assay Sheet																
Project	BHID	From m	To m	Split	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Strat	Rock
West_Ave	A168	10.5	11.1		0.06	n/a	10	90	-50	200	2.30	8.2	14.3	n/a		
West_Ave	A168	93.4	94.4		0.03	n/a	20	50	-50	200	4.10	4.3	11.5	n/a		
West_Ave	A168	96.7	97.7		0.02	n/a	40	60	-50	80	1.50	8.1	10.4	n/a		
West_Ave	A168	97.7	98.7		0.02	n/a	10	30	-50	120	2.20	8.4	12.2	n/a		
West_Ave	A168	103	104		0.03	n/a	10	20	-50	120	1.80	10.1	12.6	n/a		
West_Ave	A168	104	105		0.03	n/a	<10	20	-50	100	1.70	10.0	11.6	n/a		
West_Ave	A168	105	106		0.04	n/a	<10	60	-50	240	4.10	6.7	20.2	n/a		
West_Ave	A168	114.6	115.6		0.05	n/a	30	20	-50	80	1.50	7.5	10.6	n/a		
West_Ave	A168	117.6	118.6		0.07	n/a	20	30	-50	100	1.70	7.9	11.0	n/a		
West_Ave	A168	179.1	179.9		0.02	n/a	10	50	50	80	1.40	3.5	14.5	n/a		
West_Ave	A168	189	189.6		0.04	n/a	<10	140	50	160	1.60	7.2	30.7	n/a		
West_Ave	A168	241	242		0.03	40	20	130	-50	-20	0.20	7.7	8.2	10		
West_Ave	A168	242	243		0.05	40	20	150	-50	40	0.50	7.4	13.0	10		
West_Ave	A168	243	244		0.04	30	20	160	-50	40	0.70	8.5	11.4	10		
West_Ave	A168	244	245		0.03	20	30	120	-50	20	0.30	8.2	9.2	10		
West_Ave	A168	245	246		0.03	20	20	80	-50	-20	0.70	8.1	8.6	10		
West_Ave	A168	246	247		0.03	30	20	160	50	-20	0.10	7.7	8.7	10		
West_Ave	A168	247	248		0.03	30	30	290	-50	20	0.20	7.4	10.7	10		
West_Ave	A168	248	249		0.01	30	30	160	-50	20	0.20	5.9	11.4	10		
West_Ave	A168	249	250		0.01	50	30	230	50	20	0.30	7.8	9.5	10		
West_Ave	A168	250	251		0.02	80	<10	130	50	20	0.40	7.7	9.9	10		
West_Ave	A168	251	252		0.02	70	10	120	-50	20	0.50	6.7	10.8	-10		
West_Ave	A168	252	253		0.02	50	20	440	50	-20	0.20	7.8	8.8	20		
West_Ave	A168	253	254		0.06	480	120	410	100	200	3.40	10.1	11.7	30		
West_Ave	A168	254	255		0.04	160	20	320	-50	60	0.80	9.6	9.7	10		
West_Ave	A168	255	256		0.05	170	20	940	-50	80	0.80	9.5	13.1	10		
West_Ave	A168	256	257		0.05	170	80	590	-50	140	1.10	12.3	21.3	90		
West_Ave	A168	257	258		0.05	210	20	670	-50	140	1.20	11.8	20.0	70		
West_Ave	A168	258	259		0.04	450	80	1540	-50	60	1.30	11.4	7.4	20		
West_Ave	A168	259	260		0.05	280	100	2260	50	60	1.00	10.1	9.7	40		
West_Ave	A168	260	261		0.05	300	70	2100	-50	40	0.80	10.0	6.6	20		
West_Ave	A168	261	262		0.03	160	130	1880	50	20	0.40	11.1	7.4	30		
West_Ave	A168	262	263		0.05	40	80	250	100	40	-0.01	12.4	12.5	30		

Assay Sheet																
Project	BHID	From m	To m	Split	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Strat	Rock
West_Ave	A168	263	264		0.04	40	60	270	50	100	-0.01	14.3	19.6	50		
West_Ave	A168	264	265		0.05	40	40	980	100	100	-0.01	13.9	18.6	60		
West_Ave	A168	265	266		0.03	310	20	1360	50	-20	-0.01	11.4	7.7	70		
West_Ave	A168	266	267		0.03	60	50	1180	50	20	-0.01	11.2	8.9	20		
West_Ave	A168	267	268		0.05	40	20	1040	100	20	0.10	10.8	9.9	20		
West_Ave	A168	268	269		0.05	50	30	2310	-50	100	0.60	10.5	14.1	30		
West_Ave	A168	269	270		0.03	110	30	1750	-50	-20	0.20	9.7	5.8	40		
West_Ave	A168	270	271		0.04	150	30	1320	50	20	0.40	8.6	5.6	30		
West_Ave	A168	271	272		0.05	220	30	1410	50	60	0.60	9.3	8.9	50		
West_Ave	A168	272	273		0.03	70	50	600	50	20	0.10	10.2	7.9	40		
West_Ave	A168	273	274		0.04	70	10	340	50	20	0.20	9.2	8.3	50		
West_Ave	A168	274	275		0.03	40	20	760	50	-20	0.10	10.3	5.4	20		
West_Ave	A168	275	276		0.05	40	120	560	100	20	0.10	10.6	9.4	30		
West_Ave	A168	276	277		0.05	70	90	750	100	100	0.10	11.4	15.7	50		
West_Ave	A168	277	278		0.16	1450	90	1830	50	260	2.10	10.6	11.2	40		
West_Ave	A168	281.9	282.9		0.05	40	10	240	100	100	-0.01	12.1	17.7	70		
West_Ave	A168	284	285		0.05	710	30	520	-50	200	3.70	9.5	10.8	30		
West_Ave	A168	285	286		0.04	450	30	120	-50	100	2.80	9.5	11.4	30		
West_Ave	A168	286	287		0.04	470	40	900	-50	80	2.00	10.3	9.1	50		
West_Ave	A168	290.7	291.7		0.08	310	160	320	50	160	1.70	9.6	11.5	80		
West_Ave	A168	291.7	292.7		0.06	450	80	340	-50	180	3.40	11.3	14.5	80		
West_Ave	A168	292.7	293.7		0.08	740	20	50	-50	240	5.60	7.3	14.7	40		
West_Ave	A168	333.2	334.2		0.08	260	90	740	50	20	0.80	10.7	4.5	180		
West_Ave	A168	334.2	335.2		0.28	1770	520	1460	50	300	4.50	9.1	13.5	650		
West_Ave	A168	335.2	336.2		0.04	220	40	2980	-50	-20	0.50	11.6	4.0	390		
West_Ave	A168	336.2	337.2		0.04	220	30	170	50	-20	0.80	10.2	2.7	270		
West_Ave	A168	337.2	338.2		0.12	320	<10	110	-50	40	1.60	12.8	6.6	670		
West_Ave	A168	338.2	339.2		0.10	30	<10	110	-50	20	0.20	11.8	9.6	580		
West_Ave	A168	339.2	340.2		0.09	30	<10	110	-50	20	0.30	12.2	8.1	300		
West_Ave	A168	340.2	341.2		0.07	20	10	100	-50	20	-0.01	11.8	8.3	250		
West_Ave	A168	341.2	342.2		0.09	30	160	320	-50	20	0.30	12.1	8.2	720		

Assay Sheet																
Project	BHID	From m	To m	Split	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Cr ppm	Strat	Rock
West_Ave	A168	367	368		0.09	20	20	450	50	120	0.10	18.4	12.4	1840		
West_Ave	A168	368	369		0.09	20	<10	150	50	100	-0.01	17.6	12.3	1290		
West_Ave	A168	369	370		0.08	20	<10	150	-50	80	-0.01	18.4	11.9	2010		
West_Ave	A168	370	371		0.21	100	<10	150	-50	700	4.60	12.1	16.9	1050		
West_Ave	A168	376.5	377.5		0.09	50	10	110	50	40	0.20	10.9	6.2	990		
West_Ave	A168	377.5	378.5		0.12	70	10	180	50	100	0.50	11.8	10.5	1260		
West_Ave	A168	378.5	379.5		0.14	50	10	170	-50	80	0.40	13.6	9.5	2130		
West_Ave	A168	379.5	380.5		0.12	30	50	380	50	80	0.20	15.3	11.0	3100		
West_Ave	A168	388.5	389.5		0.13	n/a	10	130	-50	120	0.10	15.9	10.5	n/a		
West_Ave	A168	389.5	390.5		0.09	n/a	20	540	50	120	-0.01	14.5	15.4	n/a		
West_Ave	A168	390.5	391.5		0.08	n/a	10	200	50	100	-0.01	21.0	16.9	n/a		
West_Ave	A168	391.5	392.5		0.10	n/a	10	250	50	160	-0.01	27.8	21.4	n/a		
West_Ave	A168	392.5	393.5		0.11	n/a	10	230	50	120	-0.01	24.5	17.9	n/a		
West_Ave	A168	393.5	394.5		0.06	n/a	10	140	50	20	-0.01	25.5	9.2	n/a		
West_Ave	A168	394.5	395.5		0.10	n/a	40	170	50	20	-0.01	24.8	8.5	n/a		
West_Ave	A168	395.5	396.5		0.07	n/a	30	160	-50	20	-0.01	26.5	7.4	n/a		
West_Ave	A168	396.5	397.5		0.18	n/a	40	260	50	60	-0.01	26.3	10.4	n/a		
West_Ave	A168	428	429		0.25	n/a	100	800	-50	120	0.10	41.1	8.7	n/a		

Collar

Project	BHID	Easting	Northing	RL	Depth	Date	Geologist
West_Avel	A158	353348.3	5357405.6	2173.1	772.8	11/07/2006	AM
					Finished	5/09/2006	

Surveys

Project	BHID	Depth	Azm_Amg	Dip
West_Avel	A158	0	163.5	-48.9
West_Avel	A158	50	163	-48.5
West_Avel	A158	100.1	163.7	-47.7
West_Avel	A158	150	164.4	-46.1
West_Avel	A158	200	165.3	-43.9
West_Avel	A158	250	166.1	-41.7
West_Avel	A158	299.3	166.7	-39.2
West_Avel	A158	400	168.2	-39
West_Avel	A158	450	169	-40
West_Avel	A158	500	169.8	-39
West_Avel	A158	550	170.6	-37
West_Avel	A158	600	171.4	-37
West_Avel	A158	650	172.2	-36

Hole Sizes

From	Size
0-303.1	HQ
303.1-772.8	NQ

Drilled By

ALMAC AD900

Analyses By

BRL

Gyroscope SVY to 299.3m by NES

Comments

West Avebury step out, no ultramafic units intersected, minor dykes present.

Significant Intersections

632.4 - 633.4 1.0m @ 0.48% Ni (altered Um dyke?)
Did not intersect major ultramafic body.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A158	0	9.5	Ccc	GWAC	PhAc	G3	0.05	Gr			Dark green to brown greywacke sandstone. Graded and massive sandstone beds. Abundant actinolite and phlogopite alteration. Weathered limonite/iron stained joints. No visible sulphides.
West_Av	A158	9.5	64.4	Ccc	GWAC	PhAcDi	B3	0.05	Gr	Bd	41	Dark green to brown greywacke sandstone. Graded and massive sandstone beds.
										Bd	37	Abundant actinolite selvedges and phlogopite alteration. Minor diopside alteration and tremolite veining between 21.5m-29.0m. Minor Py and Po veinlets between 21.5m-29.0m.
West_Av	A158	64.4	70.7	Cba	SKRN	TrAcDi	G3	0.25	Gr			Tremolite/actinolite/diopside skarn. 5% light brown phlogopite alteration bands. 40% spotted bands of diopside alteration between 50% tremolite/actinolite bands. Minor small veinlets of Po sulphides. Minor Qtz veining and To present.
West_Av	A158	70.7	83.4	Cba	VBLB	AcDiTr	G3	0.25	Gr			Volcaniclastic basaltic lithic breccia. 5% tremolite veinlets with minor disseminated and veinlets of Po sulphides. 45% actinolite altered. 40% angular diopside clasts. Matrix supported. Minor banding of actinolite and diopside.
West_Av	A158	83.4	96.8	Ccc	GWAC	PhAcDi	B3	0.05	Gr	Bd	40	Graded and massive greywacke sandstone beds. Abundant phlogopite flooding within sandy beds. Abundant actinolite selvedges with minor late stage Po veinlets. Minor diopside alteration along bedding. Sandy tops to VBLM?
West_Av	A158	96.8	108.9	Cba	VBLM	AcDiTr	G3	0.25	Gr	Fo	39	Volcaniclastic basaltic lithic medium with sandy beds and tops. Minor brecciation. Abundant diopside alteration along foliation and actinolite selvedges. Minor tremolite alteration with Po and Py sulphides. Late stage Po and Py sulphides.
West_Av	A158	108.9	118.3	Ccc	GWAC	PhAcDi	B3	0.05	Gr	Bd	45	Graded and massive greywacke sandstone beds. Abundant phlogopite flooding within sandy beds. Abundant actinolite selvedges with minor late stage Po veinlets. Minor diopside alteration along bedding. Sandy tops to VBLM?
West_Av	A158	118.3	147.2	Cba	VBLM	AcDiTr	G3	0.25	Gr	Fo	44	Volcaniclastic basaltic lithic medium with sandy beds and tops. Minor brecciation. Abundant diopside alteration along foliation and actinolite selvedges. Minor tremolite alteration with Po and Py sulphides. Late stage Po and Py sulphides.
West_Av	A158	147.2	152.7	Ccc	GWAC	PhAcDi	B3	0.05	Gr			Graded and massive greywacke sandstone beds. Abundant phlogopite flooding within sandy beds. Abundant actinolite selvedges with minor late stage Po

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Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												veinlets. Minor diopside alteration along bedding. Sandy tops to VBLM?
West_Av	A158	152.7	186.9	Cba	VBLM	AcDiTrP	G3	0.25	Gr	Fo	54	Volcaniclastic basaltic lithic medium with sandy beds and tops. Minor brecciation. Abundant diopside alteration along foliation and actinolite selvedges. Minor phlogopite alteration. Minor tremolite alteration with Po and Py sulphides. Late stage Po and Py sulphides.
West_Av	A158	186.9	188.5	Ccc	GWAC	PhAcDi	B3	0.05	Gr	Bd	35	Graded and disrupted greywacke sandstone beds. Abundant phlogopite flooding and actinolite selvedges. Minor tourmaline and diopside alteration. Abundant Po and Py disseminations and veinlets.
West_Av	A158	188.5	189.7	Ccc	SHAL	Po	A4	0.50	Gr			Dark grey fine grained shale with minor silty layers. Abundant late stage Po veinlets. Minor actinolite selvedges and phlogopite alteration.
West_Av	A158	189.7	194.5	Ccc	GWAC	PhAcDi	B3	0.05	Gr	Bd	35	Graded and disrupted greywacke sandstone beds. Abundant phlogopite flooding and actinolite selvedges. Minor tourmaline and diopside alteration. Abundant Po and Py disseminations and veinlets.
West_Av	A158	194.5	212.6	Cba	VBLM	AcDiTr	G3	0.25	Gr	Fo	54	Volcaniclastic basaltic lithic medium with sandy beds and tops. Minor brecciation\ clasts of diopside. Abundant diopside alteration along foliation and actinolite selvedges. Minor tremolite alteration with Po and Py sulphides. Abundant L stage disseminated and veinlets of Po and Py sulphides. Sandy matrix supported.
West_Av	A158	212.6	233.7	Ccc	GWAC	PhAcDi	B3	0.05	Sp	Bd	38	Graded and disrupted greywacke sandstone beds. Abundant phlogopite flooding and actinolite selvedges. Minor tourmaline and diopside alteration. Abundant Po and Py disseminations and veinlets.
West_Av	A158	233.7	234		FALT	CbPh	B3	0.05	Ft	Ft	40	Small broken fault with minor calcite present.
West_Av	A158	234	289.5	Ccc	GWAC	PhAcDi	B3	0.05	Sp	Bd	50	Graded and disrupted greywacke sandstone beds. Abundant phlogopite flooding and actinolite selvedges. Minor tourmaline and diopside alteration. Abundant Po and Py disseminations and veinlets.
West_Av	A158	289.5	290.3	Ccc	GWAC	SiToPh	G3	0.25	Gr			Disrupted silica altered greywacke sandstone beds. 10% tourmaline and tremolite alteration. 20% pervasive phlogopite alteration. 30% actinolite alteration
West_Av	A158	290.3	356.4	Ccc	GWAC	PhAc	B3	0.05	Sp	Bd	40	Massive and disrupted greywacke sandstone beds. Intense phlogopite flooding and selvedges aswell as actinolite selvedges. Minor tourmaline alteration. Minor Po and Py disseminations and veinlets. Minor Qz and Cb veinlets. Abundant

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Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												chloritic soapy joints.
West_Av	A158	356.4	356.7		FALT	Cl	B3	0.05	Ft	Ft	22	Small broken fault, minor pug, abundant chloritic joints.
West_Av	A158	356.7	357.8	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	40	Massive greywacke sandstone beds. Intense phlogopite flooding and selvedges aswell as actinolite selvedges. Minor Py on joint faces. Minor Cb veinlets. Abundant chloritic joints.
West_Av	A158	357.8	357.9		FALT	Cl	B3	0.05	Ft			Small broken fault, minor pug, abundant chloritic joints.
West_Av	A158	357.9	365	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	40	Massive greywacke sandstone beds. Intense phlogopite flooding and selvedges aswell as actinolite selvedges. Minor Py on joint faces. Minor Cb veinlets. Abundant chloritic joints. Core tends to be extremely broken with abundant small shears
West_Av	A158	365	366		FALT	Cl	B3	0.05	Ft	Ft	42	Small broken fault zone, abundant chloritic joints. 0.4m core loss.
West_Av	A158	366	366.8	Ccc	GWAC	PhAc	B3	0.05	Ft			Massive and disrupted greywacke sandstone beds. Intense phlogopite flooding and selvedges aswell as actinolite selvedges. Minor Py on joint faces and Qz Vns Abundant chloritic joints. Core tends to be extremely broken with abundant small shears.
West_Av	A158	366.8	367.7		FALT	Cl	B3	0.05	Ft			Small broken fault zone, abundant chloritic joints. Minor sulphides 0.4m core loss.
West_Av	A158	367.7	448.3	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	43	Massive and graded felspathic greywacke sandstone beds. Intense phlogopite
										Bd	46	flooding of sandy layers and actinolite selvedges. Minor Py on joint faces and
										Bd	35	Qz Vns with Py sulphides present. Minor Cb veinlets.
West_Av	A158	448.3	449.1		FALT	Qz	B3	0.05	Ft	Ft	45	Small its broken fault zone.
West_Av	A158	449.1	465.5	Ccc	GWAC	PhAc	B3	0.05	Ft	Bd	43	Massive and graded felspathic greywacke sandstone beds. Intense phlogopite flooding of sandy layers and actinolite selvedges. Minor Py on joint faces and Qz Vns with Py sulphides present. Minor Cb veinlets.
West_Av	A158	465.5	465.6		FALT	Qz	B3	0.05	Ft	Ft	45	Minor small qtz fault.
West_Av	A158	465.6	466.4	Ccc	GWAC	PhAc	B3	0.05		Bd	48	Massive and graded felspathic greywacke sandstone beds. Intense phlogopite flooding of sandy layers and actinolite selvedges. Minor Py on joint faces and Qz Vns with Py sulphides present. Minor Cb veinlets.

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Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A158	466.4	466.6		FALT	Qz	B3	0.05	Ft	Ft	45	Minor small qtz fault. Minor Cpy and Py present.
West_Av	A158	466.6	496	Ccc	GWAC	PhAc	B3	0.05		Bd	41	Massive and graded felspathic greywacke sandstone beds. Intense phlogopite
										Bd	39	flooding of sandy layers and actinolite selvedges. Minor Py on joint faces and Qz Vns with Py present. Minor Cb veinlets.
West_Av	A158	496	499.2	Cba	VBLB	Ph	B2	0.25	Gr			Light green volcaniclastic lithic breccia. Matrix supported. Abundant diopside clasts and laminations. Abundant Po, Py and minor Cpy present. Abundant actinolite and phlogopite altered matrix. Abundant Cb veining.
West_Av	A158	499.2	503.6	Ccc	GWAC	PhAcCl	B3	0.05	Sp			Massive and graded greywacke sandstone beds. Intense phlogopite alteration with minor actinolite selvedges. Abundant Cb veining and minor Qtz veining.
West_Av	A158	503.6	504.5		FALT	Qz	W	1.00	Sp			Small quartz fault. Abundant Po, Py and Cpy within actinolite selvedges. Minor Sp veining. Sulphides are commonly within veinlets.
West_Av	A158	504.5	507.7	Cba	VBLB	AcPh	G2	0.05	Gr			Light green volcaniclastic lithic breccia. Matrix supported. Abundant diopside clasts and laminations. Abundant actinolite and minor phlogopite altered matrix. Abundant Cb and minor Qtz veining. Minor Cpy, Py and Po present within veinlets.
West_Av	A158	507.7	563.9	Ccc	GWAC	Ph	B2	0.05	Gr	Bd	50	Massive, graded and disrupted felspathic greywacke sandstone beds. Intense phlogopite flooding of sandy layers with actinolite selvedges. Beds grading down hole. Minor Po present. Minor small qtz veins displaying Po, Py and Cpy. Abundant chloritic joints. Bedding at 554.5m is 28 degrees. Bedding at 350.5m is 69 degrees.
West_Av	A158	563.9	565.1	Cba	VBLB	DiAc	G3	0.05	Sp			Dark green volcaniclastic basaltic lithic breccia. Abundant angular clasts and laminations of diopside. Actinolite filled matrix with minor veinlets and disseminated of Po.
West_Av	A158	565.1	570.7	Ccc	GWAC	PhAcDi	B3	0.05	Sp	Bd	44	Massive, graded and disrupted felspathic greywacke sandstone beds. Intense phlogopite flooding of sandy layers with actinolite selvedges. Minor Po present. Minor small Qtz and Cb veinlets.
West_Av	A158	570.7	575.2	Cba	VBLM	DiAcTo	G2	0.05	Sp	Fo	39	Light green volcaniclastic lithic medium. Abundant laminar diopside alteration with minor brecciation. Minor tremolite with disseminations and veinlets of Po. Minor To and Cb veinlets present.

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
West_Av	A158	575.2	595.5	Ccc	GWAC	PhAc	B2	0.00	Sp	Bd	55	Light brown graded and massive greywacke sandstone beds interbedded with <30cm polymict conglomeratic beds. Abundant phlogopite flooding of sandy sediment. Minor actinolite selvedges. Bedding at 576 m is 57 degrees. Bedding at 534 m is 35 degrees.
West_Av	A158	595.5	612.6	Cba	VBLM	DiAcTo	G2	0.25	Sp			Light green volcaniclastic lithic medium with minor conglomeritic beds. Abundant diopside and actinolite alteration. Minor beds\dyke of coarse grained actinolite\ tremolite with abundant disseminated Py, Po and Cpy present. Minor To and Axe present. Minor Cb veining and phlogopite selvedges.
West_Av	A158	612.6	630.4	Ccc	GWAC	PhAcDi	B2	0.05	Sp	Bd	51	Massive, graded and disrupted felspathic greywacke sandstone beds with silty tops. Intense phlogopite flooding of sandy layers with actinolite selvedges. Minor veinlets and disseminated Po and Cpy present within more Cb veined and disrupted beds zones. Minor small Qtz and Cb veinlets.
West_Av	A158	630.4	649	Cba	VBLM	DiAcTo	G2	0.25	Sp			Light green volcaniclastic lithic medium with minor conglomeritic beds. Abundant diopside and actinolite alteration. Minor coarse grained actinolite with abundant abundant disseminated Py, Po, To and Cpy present. Minor Cb and Qtz veinlets.
West_Av	A158	649	670.2	Cba	CONG	DiAc	G2	0.25	Gr			Light green conglomerate with sub-rounded diopside clasts. Heavily actinolite altered with abundant disseminated and veinlets of Po and Cpy. Minor phlogopite alteration. Clasts consist of Di and Ac within a predominately Ac and minor Ph matrix. Minor Cb veinlets.
West_Av	A158	670.2	689.3	Ccc	GWAC	PhAc	B2	0.05	Sp	Bd	36	Massive, graded and disrupted felspathic greywacke sandstone beds with silty
										Bd	52	tops. Intense phlogopite flooding of sandy layers with actinolite selvedges.
										Bd	41	Minor veinlets and disseminated Po and Cpy present. Minor small Qtz and Cb
										Bd	44	veinlets. Bedding at 674 m is 36 degrees. Bedding at 683m is 52 degrees.
West_Av	A158	689.3	693.8	Ccc	CONG	PhQz	B3	0.25	Sp			Micro conglomerate. Fine grained Qtz conglomerate with a phlogopite and actinolite matrix. Minor tourmaline present. Minor actinolite/tremolite aggregates partly replaced with Po and Cpy. Some minor coarse phlogopite alteration. Minor Qz veinlets.
West_Av	A158	693.8	772.8	Ccc	GWAC	PhAc	B2	0.05	Sp	Bd	38	Graded felspathic greywacke sandstone beds with silty tops. Minor conglomeratic

Allegiance Metals Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
												beds <20cm. Intense phlogopite flooding of sandy layers with minor actinolite selvedges. Trace sulphides present within actinolite alteration. Minor small Qtz and Cb veinlets. Bedding at 704 m is 38 degrees. Bedding at 707m is 33 degrees. Bedding at 730m is 25 degrees. Bedding at 743 is 26 degrees. Grading down hole. EOH 772.8m

Assay Sheet																
Project	BHID		From m	To m	Ni %	Cu ppm	Pb ppm	Zn ppm	As ppm	Co ppm	S%	MgO %	FeO %	Au ppm	Strat	Rock
West_Ave	A158		100	101	0.03				-50	120	3.0	9.4	15.5			
West_Ave	A158		101	102	0.02				-50	80	1.6	10.0	14.5			
West_Ave	A158		102	103	0.02				-50	100	2.2	9.0	15.4			
West_Ave	A158		127.8	128.8	0.02				-50	80	2.7	8.2	15.3			
West_Ave	A158		128.8	129.8	0.01				-50	100	2.4	7.2	16.8			
West_Ave	A158		129.8	130.8	0.01				50	80	1.5	8.7	15.9			
West_Ave	A158		132	133	0.01				100	80	1.8	7.7	16.0			
West_Ave	A158		133	134	0.02				50	100	2.5	5.9	17.0			
West_Ave	A158		134	135	0.02				-50	120	3.3	5.2	18.3			
West_Ave	A158		135	136	0.01				-50	60	1.4	8.4	15.8			
West_Ave	A158		136	137	0.01				-50	80	1.7	9.6	15.6			
West_Ave	A158		137	138	0.01				-50	80	2.0	9.6	15.1			
West_Ave	A158		138	139	0.01				-50	80	1.8	9.1	15.8			
West_Ave	A158		139	140	0.02				-50	100	2.8	7.6	16.6			
West_Ave	A158		140	141	0.01				-50	60	1.6	11.3	13.9			
West_Ave	A158		141	142	0.01				-50	100	2.4	10.1	15.0			
West_Ave	A158		142	143	0.02				-50	100	3.0	9.2	13.9			
West_Ave	A158		143	144	0.02				-50	80	2.9	6.3	12.9			
West_Ave	A158		144	145.2	-0.01				50	-20	0.4	4.6	7.0			
West_Ave	A158		152.6	153.6	0.01				-50	40	1.9	5.4	10.3			
West_Ave	A158		153.6	154.6	0.01				-50	40	1.8	5.6	8.7			
West_Ave	A158		154.6	155.6	0.01				-50	40	2.4	4.2	9.7			
West_Ave	A158		155.6	156.6	0.01				-50	40	1.7	5.3	9.6			
West_Ave	A158		185.4	186.4	0.02				-50	100	4.6	6.7	16.0			
West_Ave	A158		216.2	217.2	0.01				50	20	1.7	4.7	9.3			
West_Ave	A158		217.2	218.2	0.01				50	40	1.5	6.3	10.8			
West_Ave	A158		218.2	219.2	0.01				50	-20	-0.1	4.0	9.5			
West_Ave	A158		496.9	497.9	0.03				-50	120	3.4	5.2	13.2			
West_Ave	A158		503.5	504.5	0.01				-50	20	3.1	3.9	11.6			
West_Ave	A158		599	600	0.05				150	20	0.5	9.1	6.8			
West_Ave	A158		600	601	0.09				300	20	-0.1	9.1	7.4			
West_Ave	A158		601	602	0.07				250	20	-0.1	9.7	9.6			
West_Ave	A158		602	603	0.02				100	-20	-0.1	6.2	8.4			

Assay Sheet																
Project	**BHID**		**From m**	**To m**	**Ni %**	**Cu ppm**	**Pb ppm**	**Zn ppm**	**As ppm**	**Co ppm**	**S%**	**MgO %**	**FeO %**	**Au ppm**	**Strat**	**Rock**
West_Ave	A158		603	604	0.15				150	160	2.1	11.2	13.8			
West_Ave	A158		608.2	609.2	0.04				50	-20	0.7	5.7	7.4			
West_Ave	A158		632.4	633.4	0.48				3100	160	2.9	6.5	13.1			
West_Ave	A158		633.4	634.4	0.06				50	60	1.4	6.4	10.7			
West_Ave	A158		656.4	657.4	0.09				200	100	1.4	9.2	15.9			
West_Ave	A158		668.6	669.8	0.05				200	160	3.0	7.3	15.8			