

Appendix D

Phase 2 Comprehensive Borehole Records



WELL CONSTRUCTION REPORT

REPORT NO.: 1

PROJECT #: 2448-6683
DATE: 12-January-2024

PROJECT NAME: Alloa
CONTRACTOR: Walker

WEATHER: -4°C, Overcast

PHOTOS: No

LOCATION: 12300 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
4:00 pm

CFCA REPRESENTATIVE: Caitlyn MacPhee & Victoria Mazur

SITE VISITORS:

11:00 am

3:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)	8	1 – Operator, Ethan	8
Drill Rig (D-52)	8	1 – Laborer, Jackson	8

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-1		12300 Mississauga Road. Back right corner of property.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	1
5 foot screen		Cement	
Riser (10ft)	2	Well Sand (50lbs Bag)	7
Flush-mount cover		Bentonite (50lbs Bag)	9

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GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 - 2 ft	Brown clayey-silt, moist, with some oxidation. (4/4/6/6)
0 - 2.5 ft	Brown silty-clay, moist, with some oxidation and gravel @2.5ft. (2/3/3/3)
2.5 - 5 ft	Brown silty-clay till, moist, dense, abundant gravel, no structure, with cobble. (6/10/14/15)
5 - 7.5 ft	Brown silt till, moist, some clay and gravel. (30/19/24/35)
7.5 - 10 ft	Same as previous but @9ft turns grey. (6/10/24/42)
10 - 15 ft	Empty spoon, moist, hard. (15/22/25/28)
15 - 20 ft	Grey silt till, moist, with some clay and silt. (8/8/11/15)



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 15-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -15°C, snow, clouds

PHOTOS: No

LOCATION: 12300 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
4:45 pm

CFCA REPRESENTATIVE: Caitlyn MacPhee & Victoria Mazur

SITE VISITORS:

10:30 am

4:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-2		12300 Mississauga Road, back left corner near creek

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	7
Flush-mount cover		Bentonite (50lbs Bag)	3



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist, with oxidation. (2/3/4/6)
4 - 5.5 ft	@4ft Brown wet fine sand, after same as previous with cobble. (4/3/2/2)
5.5 – 6 ft	@5.5ft Brown wet fine sand, after clayey-silt till with cobble. (8/13/16/32)
6– 7.5 ft	Brown clayey-silt till, moist, with cobble and oxidation. (11/20/26/21)
7.5 – 16 ft	Grey/purple tone clayey-silt, moist, with oxidation and cobble. (8/15/48/5)
16 – 16.5 ft	@16ft grey wet fine-sand, after grey fine sandy-silt. (25/53)
16.5 – 20 ft	Grey fine sandy-silt. (28/50)

REMARKS:

J:\2400\2448 - Alloa Landowners Group\6683 - Alloa Development Area\Field Work\Monitoring Wells



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 15-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -15°C, snow, clouds

PHOTOS: No

LOCATION: 12300 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
4:45 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

1:30 am

4:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-3S	Short well for nested well.	12300 Mississauga Road, back of 1-storey brick house.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	7
Flush-mount cover		Bentonite (50lbs Bag)	3



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist, with oxidation and cobble. (2/2/4/5)
0 - 2.5 ft	Brown/red silt, moist, with cobble and oxidation. (6/7/5/8)
6 – 8.5 ft	@6ft Brown silty-sand, moist, after fine brown sand. (5/7/11/13)
8.5 – 11 ft	@8.5ft Brown wet sand, after brown silty-sand, with cobble and little oxidation. (13/30/45/6)
11 – 16 ft	@11ft Brown wet silt, after grey clayey-silt, moist, no cobble. (17/24/22/26)
16 – 17.5 ft	@16ft grey wet fine-sand, after grey fine sandy-silt. (6/12/15/21)
15 – 20 ft	Grey fine silty-sand, moist. (9/12/24/34)
20 – 25 ft	Grey fine silty-sand, moist, with purple tone, cobble and oxidation. (17/29/50)

REMARKS: Samples taken to 25ft however, well caved therefore, turned well into short well, bottom of well @16ft.

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WELL CONSTRUCTION REPORT

REPORT NO.: 4

PROJECT #: 2448-6683
DATE: 16-January-2024

PROJECT NAME: Alloa
CONTRACTOR: Walker

WEATHER: -11°C, snowing, cloudy

PHOTOS: No

LOCATION: 12300 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

10:00 am

2:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-3D	Deep well for nested well.	12300 Mississauga Road, back of 1-storey brick house.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	1
5 foot screen		Cement	
Riser (10ft)	2	Well Sand (50lbs Bag)	7
Flush-mount cover		Bentonite (50lbs Bag)	6



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist, with oxidation and cobble. (2/2/4/5)
0 - 2.5 ft	Brown/red silt, moist, with cobble and oxidation. (6/7/5/8)
6 – 8.5 ft	@6ft Brown silty-sand, moist, after fine brown sand. (5/7/11/13)
8.5 – 11 ft	@8.5ft Brown wet sand, after brown silty-sand, with cobble and little oxidation. (13/30/45/6)
11 – 16 ft	@11ft Brown wet silt, after grey clayey-silt, moist, no cobble. (17/24/22/26)
16 – 17.5 ft	@16ft grey wet fine-sand, after grey fine sandy-silt. (6/12/15/21)
15 – 20 ft	Grey fine silty-sand, moist. (9/12/24/34)
20 – 25 ft	Grey fine silty-sand, moist, with purple tone, cobble and oxidation. (17/29/50)

REMARKS: Nested well, samples taken only for MW3, MW4 material same as MW3. Total depth 25ft.

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WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 17-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -15°C, snowing, cloudy

PHOTOS: No

LOCATION: 12515 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

2:30 am

5:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-5		12515 Mississauga Road, front right side of driveway facing road.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	1
5 foot screen		Cement	
Riser (10ft)	2	Well Sand (50lbs Bag)	8
Flush-mount cover		Bentonite (50lbs Bag)	6

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GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist, with oxidation. (3/1/4/1)
0 - 2.5 ft	Brown clayey-silt, moist, with cobble and oxidation. (1/7/7/8)
2.5 – 5 ft	@6ft Brown clayey-silt, moist, with cobble. (5/12/15/21)
5 – 7.5 ft	Brown clayey-silt, moist, with cobble. (5/13/14/11)
7.5 – 11.5 ft	Same as previous. (4/12/15/13)
11.5 – 16.5 ft	@11.5ft Brown silt with large rocks and a red rock layer, after grey fine moist sandy-silt. (8/11/17/19)
16.5 – 20 ft	@16.5ft Grey fine sandy-silt, moist, after grey fine sand. (9/29/41/10)

REMARKS: Drilling of MW5 was started on 24/01/16 and ended on 24/01/17 @11:00am.

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WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 18-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -8°C, snowing, cloudy

PHOTOS: No

LOCATION: 12679 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

9:45 am

12:45 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-6		12679 Mississauga Road, Front left corner of property facing Mississauga Road.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	3	Well Sand (50lbs Bag)	14
Flush-mount cover		Bentonite (50lbs Bag)	11



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist. (5/2/3/5)
0 - 2.5 ft	Brown silty-clay, moist, with cobble. (2/2/6/10)
2.5 – 5 ft	Brown clayey-silt, moist, with cobble. (3/9/15/18)
5 – 7.5 ft	Grey fine sandy-silt, moist, with cobble. (13/30/45/6)
7.5 – 10 ft	Grey clayey-silt with fine sand, moist, with cobble. (10/12/16/18)
10 – 16.5 ft	Red tone fine sandy-silt, moist, with cobble. (16/22/43/10)
16.5 – 20 ft	@16.5ft coarse sand, after very wet brown/red silty-sand with a grey tone. (44/40/50)

REMARKS: Drilling started on 24/01/17 however, hole was filled with water. MW6 was redrilled/completed on 24/01/18.

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WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 18-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -8°C, snowing, cloudy

PHOTOS: No

LOCATION: 12515 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

1:00 pm

4:30 pm

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-7D		12515 Mississauga Road, Back of property, right corner facing Mississauga Road.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	3	Well Sand (50lbs Bag)	14
Flush-mount cover		Bentonite (50lbs Bag)	11



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown silt, moist, with oxidation. (2/2/3/4)
0 - 2.5 ft	Brown clayey-silt, moist, with medium cobble and oxidation. Sample included red streaks with small areas of grey fine-sand. (2/6/12/12)
2.5 – 6.5 ft	Same as previous with no red tone. (3/14/21/20)
6.5 – 8.5 ft	@6.5ft Brown silty-clay, moist, after coarse brown sand with cobble. (4/21/35/#)
8.5 – 10 ft	@8.5ft Brown clayey-silt with oxidation, moist, after fine grey sandy-silt with cobble/stones and red streaks. (7/30/32/20)
10 – 15 ft	Grey fine silty-sand with red tone and cobble. (13/22/30/20)
15 – 20 ft	Red/grey fine silty-sand with medium cobble/gravel. (40/50)
20 – 25 ft	Grey silt with cobble and some fine sand. (50)

REMARKS: Deep well for nested well.



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 19-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -10°C, snow, cloudy

PHOTOS: No

LOCATION: 12515 Mississauga Road

ON SITE:
8:30 am

OFF SITE:
4:30 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

9:00 am

11:00 am

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-7S	Short well for nested well.	12515 Mississauga Road, back of property, right corner near woodland facing Mississauga Road.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	3	Well Sand (50lbs Bag)	4
Flush-mount cover		Bentonite (50lbs Bag)	3



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown silt, moist, with oxidation. (2/2/3/4)
0 - 2.5 ft	Brown clayey-silt, moist, with medium cobble and oxidation. Sample included red streaks with small areas of grey fine-sand. (2/6/12/12)
2.5 – 6.5 ft	Same as previous with no red tone. (3/14/21/20)
6.5 – 8.5 ft	@6.5ft Brown silty-clay, moist, after coarse brown sand with cobble. (4/21/35/#)
8.5 – 10 ft	@8.5ft Brown clayey-silt with oxidation, moist, after fine grey sandy-silt with cobble/stones and red streaks. (7/30/32/20)
10 – 15 ft	Grey fine silty-sand with red tone and cobble. (13/22/30/20)
15 – 20 ft	Red/grey fine silty-sand with medium cobble/gravel. (40/50)
20 – 25 ft	Grey silt with cobble and some fine sand. (50)

REMARKS: Short well for nested well. Total depth 15ft. Samples taken for MW7



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 19-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -10°C, snow, cloudy

PHOTOS: No

LOCATION: Mayfield Road (Next to 1248 Mayfield Rd.)

ON SITE:
 8:30 am

OFF SITE:
 4:30 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

2:00 pm

4:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Jackson + Simon	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-9		Mayfield Road, near Mayfield Road, right front corner of property facing Mayfield Road.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	3	Well Sand (50lbs Bag)	4
Flush-mount cover		Bentonite (50lbs Bag)	3



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist. (1/1/3/3)
0 - 4 ft	Brown/red clayey-silt, moist, with cobble. (4/5/10/13)
4 - 5 ft	@4ft very wet Brown silty-coarse sand, after brown silty-clay with cobble. (3/4/8/10)
5 - 7.5 ft	Brown clayey-silt, moist, with cobble and oxidation. (6/10/19/32)
7.5 - 10 ft	Brown silt with fine sand, moist, with medium cobble and oxidation. (11/26/37/15)
10 - 15 ft	Brown sandy-silt with cobble. (50)
15 - 20 ft	Brown wet sandy-silt. (5/50)

REMARKS:

J:\2400\2448 - Alloa Landowners Group\6683 - Alloa Development Area\Field Work\Monitoring Wells



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
DATE: 22-January-2024

PROJECT NAME: Alloa
CONTRACTOR: Walker

WEATHER: -10°C, snow, cloudy

PHOTOS: No

LOCATION: 12240 Creditview Road

ON SITE:
8:30 am

OFF SITE:
4:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

12:00 pm

3:30 am

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Trey	

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-10		12240 Creditview Road, left side of farm field property line facing Creditview Road.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	1
5 foot screen		Cement	
Riser (10ft)	2	Well Sand (50lbs Bag)	7
Flush-mount cover		Bentonite (50lbs Bag)	4



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown clayey-silt, moist. (1/1/2/5)
0 - 2.5 ft	Brown silty-clay with fine sand and cobble, moist. (1/4/4/9)
2.5 – 5 ft	Brown clayey-silt, moist, with small grey areas, with oxidation and cobble. (6/8/10/17)
5 – 8.5 ft	Brown clayey-silt with red streaks, moist, with oxidation and cobble. (13/8/13/13)
8.5 – 10 ft	@8.5ft Brown silt, moist, after grey clayey-silt with cobble. (6/6/7/9)
10 – 15 ft	Grey silty-clay, moist, with cobble. (2/6/11/10)
15 - 20 ft	Grey silty-clay with red tone, moist, with fine sand and cobble. (6/9/7/3)

REMARKS: Delayed start due to property owner mentioning private water servicing line across property.

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WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 23-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: -1°C, snow, cloudy

PHOTOS: No

LOCATION: 12458 Creditview Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

8:30 pm

12:00 am

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Trey	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-11		12458 Creditview Road, left far side of field near forest line, facing Creditview Road.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	14
Flush-mount cover		Bentonite (50lbs Bag)	8



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Dark brown silt, moist, with roots and cobble. (6/2/3/4)
0 - 2.5 ft	Brown silty- fine sand, moist, with cobble and little oxidation. (4/4/9/7)
2.5 – 5 ft	Brown wet sand. (4/5/5/6)
5 – 7.5 ft	Brown clayey-sand, wet. (2/4/4/6)
7.5 – 10 ft	Grey sandy-clay, moist. (3/2/2/3)
10 – 15 ft	Grey fine sand, slightly silty, moist, with cobble. (2/4/9/14)
15 - 20 ft	Grey sandy-clay, moist, with cobble. (6/9/7/15)

REMARKS:

J:\2400\2448 - Alloa Landowners Group\6683 - Alloa Development Area\Field Work\Monitoring Wells



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
DATE: 23-January-2024

PROJECT NAME: Alloa
CONTRACTOR: Walker

WEATHER: 0°C, raining, cloudy

PHOTOS: No

LOCATION: 12240 Creditview Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

2:30 pm

5:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Trey	

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-12		12240 Creditview Road, back left corner of property facing Creditview Road.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	14
Flush-mount cover		Bentonite (50lbs Bag)	8



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown silt, moist, with oxidation. (4/5/5/6)
0 - 2.5 ft	Brown clayey-silt, moist, with cobble and oxidation. (5/15/22/30)
2.5 – 5 ft	Brown silt with fine sand, moist, with cobble. (16/30/39/10)
5 – 7.5 ft	Brown clayey-silt, moist, with oxidation and fine sand. (27/25/30/20)
7.5 – 10 ft	@9ft Brown clayey-silt, moist, with oxidation and cobble, after grey silt with cobble and fine sand. (33/32/50)
10 – 15 ft	Grey clayey-silty-sand, moist, with cobble. (21/24/29/31)
15 - 20 ft	Grey sandy-clay, moist, with cobble. (22/21/20/20)

REMARKS: Cable on drill rig snapped therefore, delay in drilling.

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WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
 DATE: 24-January-2024

PROJECT NAME: Alloa
 CONTRACTOR: Walker

WEATHER: 1°C, raining, cloudy

PHOTOS: No

LOCATION: 12240 Creditview Road

ON SITE:
8:30 am

OFF SITE:
4:30 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

11:00 am

2:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS		EQUIPMENT & LABOUR ON SITE: HOURS	
Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Trey	

WORK COMPLETED:

ITEM:	DESCRIPTION:	LOCATION:
MW24-13D	Deep well for nested well	12240 Creditview Road, back right corner of property facing Creditview Road, behind Alloa Public School property.

MATERIAL USED:

ITEM:	QUANTITY:	ITEM:	QUANTITY:
Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	10
Flush-mount cover		Bentonite (50lbs Bag)	7



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown silty-clay, moist, with oxidation and cobble. (4/4/6/11)
0 - 2.5 ft	Brown clayey-silt, moist, with cobble and oxidation. (4/11/18/21)
2.5 – 5 ft	Brown clayey-silt, moist, with oxidation. Appearing grey areas with fine sand. (5/13/19/23)
5 – 7.5 ft	Brown clayey-silt, moist, with oxidation and small to medium cobble. (4/12/20/25)
7.5 – 10 ft	Brown clayey-silt, moist, with oxidation and small to medium cobble. (4/15/25/30)
10 – 15 ft	Grey clayey-silt, moist, with fine sand. (3/7/10/11)
15 - 20 ft	Grey sandy-silt with a red tone, moist, with cobble. (3/33/39/11)
20 – 25 ft	Red silt, moist, with cobble and fine sand. (33/47/50)

REMARKS:

J:\2400\2448 - Alloa Landowners Group\6683 - Alloa Development Area\Field Work\Monitoring Wells



WELL CONSTRUCTION REPORT

REPORT NO.:

PROJECT #: 2448-6683
DATE: 24-January-2024

PROJECT NAME: Alloa
CONTRACTOR: Walker

WEATHER: 2°C, raining, cloudy

PHOTOS: No

LOCATION: 12240 Creditview Road

ON SITE:
8:30 am

OFF SITE:
5:00 pm

CFCA REPRESENTATIVE: Victoria Mazur

SITE VISITORS:

2:30 pm

5:00 pm

EQUIPMENT & LABOUR ON SITE: HOURS

EQUIPMENT & LABOUR ON SITE:

HOURS

Service Truck (F550)		1 – Operator, Ethan	
Drill Rig (D-52)		1 – Laborer, Trey	

WORK COMPLETED:

ITEM:

DESCRIPTION:

LOCATION:

MW24-13S	Short well for nested well.	12240 Creditview Road, back right corner of property facing Creditview Road, behind Alloa Public School property.
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MATERIAL USED:

ITEM:

QUANTITY:

ITEM:

QUANTITY:

Cone		J Plug	2
5 foot screen		Cement	
Riser (10ft)	4	Well Sand (50lbs Bag)	10
Flush-mount cover		Bentonite (50lbs Bag)	7



GEOLOGY:

DEPTH:	SOIL CLASSIFICATION:
0 ft	Brown silty-clay, moist, with oxidation and cobble. (4/4/6/11)
0 - 2.5 ft	Brown clayey-silt, moist, with cobble and oxidation. (4/11/18/21)
2.5 – 5 ft	Brown clayey-silt, moist, with oxidation. Appearing grey areas with fine sand. (5/13/19/23)
5 – 7.5 ft	Brown clayey-silt, moist, with oxidation and small to medium cobble. (4/12/20/25)
7.5 – 10 ft	Brown clayey-silt, moist, with oxidation and small to medium cobble. (4/15/25/30)
10 – 15 ft	Grey clayey-silt, moist, with fine sand. (3/7/10/11)
15 - 20 ft	Grey sandy-silt with a red tone, moist, with cobble. (3/33/39/11)
20 – 25 ft	Red silt, moist, with cobble and fine sand. (33/47/50)

REMARKS: Short well for nested well. Total depth 15ft.

J:\2400\2448 - Alloa Landowners Group\6683 - Alloa Development Area\Field Work\Monitoring Wells