

Statement showing details of the Pit along with logging in Ambara West Block for Glauconite, District- Kachchh, Gujarat

Abbreviation Table	
Lithology	Short-Form
Soil	SOIL
Sandy Soil	SANDY SOIL
Sandstone	SST
Ferruginous Sandstone	FGSST
Glauconitic Sandstone	GSST
Glauconitic Shale	GSHL
Shale	SHL
Grey Shale	GREY SHL
Pink Shale	PINK SHL
Conglomeratic Sandstone	CONGLOMERATIC SST
Marl	MARL
Yellow Sandstone	YELLOW SST



PIT NO: 01			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 01	Easting:	497200
Proposed Pit ID:	PPIT- 01	Northing:	2613828
Geologist:	Shibasish Mohanty	Elevation:	97 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL (YELLOWISH BROWN)
0.40	0.90	0.50	YELLOW GREEN SST(GSST)
0.90	1.20	0.30	WHITE GREY SST(MARL)
1.20	1.90	0.70	FGSST
1.90	2.10	0.20	ALTERNATE BAND OF FGSST & YELLOW SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-01	0.40m to 0.90m	NORTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 02			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 02	Easting:	497125
Proposed Pit ID:	PPIT- 03	Northing:	2612747
Geologist:	Shibasish Mohanty	Elevation:	98 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.15	0.15	FGSST(BOULDER)
0.15	0.65	0.50	YELLOW GREEN SST(GSST)
0.65	0.95	0.30	FGSST & MARL
0.95	2.00	1.05	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-02	0.15m to 0.65m	EAST	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 03			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 03	Easting:	497882
Proposed Pit ID:	PPIT- 04	Northing:	2613211
Geologist:	Shibasish Mohanty	Elevation:	101 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL (RED COLOUR)
0.10	0.40	0.30	YELLOW GREEN SST(GSST)
0.40	1.40	1.00	FGSST
1.40	2.00	0.60	ALTERNATE BANDS OF GREY SHL & GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-03	0.10m to 0.40m	NORTH	YELLOW GREEN SST(GSST)
AWPT-03-A	1.40m to 2.00m	NORTH	ALTERNATE BANDS OF GREY SHL & GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 04			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 04	Easting:	498199
Proposed Pit ID:	PPIT- 09	Northing:	2612545
Geologist:	Shibasish Mohanty	Elevation:	96 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL(BROWNISH GREEN)
0.40	2.00	1.60	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-04	0.40m to 2.00m	WEST	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 05			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 05	Easting:	498406
Proposed Pit ID:	PPIT- 05	Northing:	2613738
Geologist:	Shibasish Mohanty	Elevation:	90 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	0.70	0.50	YELLOW GREEN SST(GSST)
0.70	1.30	0.60	FGSST
1.30	2.00	0.70	FGSST & WHITE SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-05	0.20m to 0.70m	WEST	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 06			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	04.10.2025
		Date of completion:	04.10.2025
Pit ID:	P- 06	Easting:	498797
Proposed Pit ID:	PPIT- 06	Northing:	2614161
Geologist:	Shibasish Mohanty	Elevation:	92 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	South Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	0.80	0.60	YELLOW GREEN SST(GSST)
0.80	1.20	0.40	FGSST
1.20	1.80	0.60	ALTERNATE BANDS OF GSHL & GREY SHL
1.80	2.10	0.30	WHITISH GREEN SST(GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-06	0.20m to 0.80m	SOUTH	YELLOW GREEN SST(GSST)
AWPT-06-A	1.20m to 1.80m	SOUTH	ALTERNATE BANDS OF GSHL & GREY SHL
AWPT-06-B	1.80m to 2.10m	SOUTH	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 07			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 07	Easting:	499514
Proposed Pit ID:	PPIT- 10	Northing:	2613617
Geologist:	Shibasish Mohanty	Elevation:	72 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	2.00	2.00	ALTERNATE BANDS OF DARK GREY SHALE & GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-07	0.00m to 2.00m	EAST	ALTERNATE BANDS OF DARK GREY SHALE & GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
		NO	
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 08			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 08	Easting:	499841
Proposed Pit ID:	PPIT- 15	Northing:	2613072
Geologist:	Shibasish Mohanty	Elevation:	65 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	2.00	2.00	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-08	0.00m to 2.00m	EAST	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m³	
Volume of the total excavated material:		2.00 m³	
Difficulties:			
The pit was relocated due to agricultural land at the proposed site.			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 09			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 09	Easting:	500594
Proposed Pit ID:	PPIT- 16	Northing:	2613475
Geologist:	Shibasish Mohanty	Elevation:	72 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL (REDDISH BROWN)
0.40	2.00	1.60	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-09	0.40m to 2.00m	NORTH	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.00 m ³		
Volume of the total excavated material:	2.00 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 10			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 10	Easting:	501096
Proposed Pit ID:	PPIT- 24	Northing:	2612912
Geologist:	Shibasish Mohanty	Elevation:	67 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	SANDY SOIL (REDDISH BROWN)
0.30	0.80	0.50	WEATHERD FGSST
0.80	2.00	1.20	GREISH GREENISH SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-10	0.80m to 2.00m	NORTH	GREISH GREENISH SST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 11			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 11	Easting:	501597
Proposed Pit ID:	PPIT- 34	Northing:	2612306
Geologist:	Shibasish Mohanty	Elevation:	68 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	TOP SOIL (BROWNISH RED)
0.30	0.60	0.30	WHITISH GREEN SST(GSST)
0.60	1.00	0.40	WHITISH BROWN SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-11	0.30m to 0.60m	EAST	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:			
HARD & COMPACT FORMATION AT THE BOTTOM			
Status:		SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.	

PIT NO: 12			
Name of the investigation:	Ambara-West Glaucanite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 12	Easting:	502088
Proposed Pit ID:	PPIT- 44	Northing:	2611746
Geologist:	Shibasish Mohanty	Elevation:	64 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL (BROWNISH RED)
0.40	0.70	0.30	YELLOW GREEN SST(GSST)
0.70	1.00	0.30	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-12	0.40m to 0.70m	EAST	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:			
HARD & COMPACT FORMATION AT THE BOTTOM			
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 13			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	05.10.2025
		Date of completion:	05.10.2025
Pit ID:	P- 13	Easting:	501118
Proposed Pit ID:	PPIT- 17	Northing:	2614049
Geologist:	Shibasish Mohanty	Elevation:	74 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	TOP SOIL(BROWN)
0.30	1.30	1.00	SAND (BROWNISH BLACK)
1.30	2.00	0.70	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-13	1.30m to 2.00m	NORTH	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		HEAVY WATER SEEPAGE	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	HEAVY WATER SEEPAGE & PIT WALL COLLAPSING		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 14			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 14	Easting:	501629
Proposed Pit ID:	PPIT- 25	Northing:	2613562
Geologist:	Shibasish Mohanty	Elevation:	64 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	SANDY SOIL (YELLOWISH BROWN)
0.50	2.10	1.60	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-14	0.50m to 2.10m	WEST	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:			
The pit was relocated due to unapproachable river bed at the proposed site.			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 15			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 15	Easting:	502198
Proposed Pit ID:	PPIT- 35	Northing:	2612798
Geologist:	Shibasish Mohanty	Elevation:	57 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	SANDY SOIL(BROWN)
0.40	1.00	0.60	GSST (WHITISH GREEN)
1.00	1.20	0.20	FGSST
1.20	2.00	0.80	GSST (WHITISH GREEN)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-15	0.40m to 1.00m & 1.20m to 2.00m	EAST	GSST (WHITISH GREEN)
OTHER DETAILS			
Water Contact:	SLIGHT WATER SEEPAGE		
Volume of the final pit:	2.00 m ³		
Volume of the total excavated material:	2.00 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 16			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 16	Easting:	502809
Proposed Pit ID:	PPIT- 45	Northing:	2612336
Geologist:	Shibasish Mohanty	Elevation:	48 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (BLACKISH BROWN)
0.20	0.40	0.20	SAND & PEBBLES
0.40	0.60	0.20	SANDY SOIL(BROWN)
0.60	0.90	0.30	BOULDER, COUBBLE, PEBBLE & SAND
0.90	1.90	1.00	FINE GRAIN SAND
1.90	2.10	0.20	WHITISH BROWN SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-16	0.90m to 1.90m	EAST	FINE GRAIN SAND
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.00 m³	
Volume of the total excavated material:		2.00 m³	
Difficulties:			
The pit was relocated due to unapproachable river bed at the proposed site.			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 17			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 17	Easting:	502296
Proposed Pit ID:	PPIT- 26	Northing:	2613882
Geologist:	Shibasish Mohanty	Elevation:	77 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	2.00	2.00	WEATHED FGSST WITH PATCHES OF GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-17	0.00m to 2.00m	WEST	WEATHED FGSST WITH PATCHES OF GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 18			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 18	Easting:	502928
Proposed Pit ID:	PPIT- 36	Northing:	2613406
Geologist:	Shibasish Mohanty	Elevation:	58 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	SANDY SOIL(BROWN)
0.20	0.80	0.60	SAND (BROWNISH YELLOW)
0.80	1.20	0.40	WEATHERED FGSST
1.20	1.60	0.40	YELLOWISH BROWN SST
1.60	2.00	0.40	GSST (WHITISH GREEN)
2.00	2.20	0.20	YELLOWISH BROWN SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-18	1.20m to 1.60m	EAST	YELLOWISH BROWN SST
AWPT-18-A	1.60m to 2.00m	EAST	GSST (WHITISH GREEN)
OTHER DETAILS			
Water Contact:		HEAVY WATER SEEPAGE	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:	HEAVY WATER SEEPAGE		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 19			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 19	Easting:	504633
Proposed Pit ID:	PPIT- 46	Northing:	2613696
Geologist:	Shibasish Mohanty	Elevation:	64 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.50		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	SAND(FILLING)
0.30	1.10	0.80	BASALT BOULDER(FILLING)
1.10	1.50	0.40	DARK GREY SHL WITH THIN LAYERS OF GSST
1.50	2.50	1.00	ALTERNATE BANDS OF GSST & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-19	1.50m to 2.50m	WEST	ALTERNATE BANDS OF GSST & PINK SHL
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.50 m ³	
Volume of the total excavated material:		2.50 m ³	
Difficulties:			
NO			
Status:			
SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.			

PIT NO: 20			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	06.10.2025
		Date of completion:	06.10.2025
Pit ID:	P- 20	Easting:	505102
Proposed Pit ID:	PPIT- 55	Northing:	2613152
Geologist:	Shibasish Mohanty	Elevation:	78 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20m		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	TOP SOIL(YELLOWISH BROWN)
0.50	1.30	0.80	ALTERNATE LAYER OF DARK GREY SHL & THIN LAYERS OF GSST
1.30	2.20	0.90	ALTERNATE EQUAL BANDS OF GSST & DARK GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-20	1.30m to 2.20m	WEST	ALTERNATE EQUAL BANDS OF GSST & DARK GREY SHL
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.20 m ³		
Volume of the total excavated material:	2.20 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 21			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 21	Easting:	503920
Proposed Pit ID:	PPIT- 54	Northing:	2612240
Geologist:	Shibasish Mohanty	Elevation:	71 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL(LIGHT BROWN)
0.20	0.60	0.40	FGSST(WHITISH PINK)
0.60	1.00	0.40	ALTERNATE BANDS OF GSST & LIGHT GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-21	0.60m to 1.00m	EAST	ALTERNATE BANDS OF GSST & LIGHT GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:			
HARD & COMPACT FORMATION AT THE BOTTOM			
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 22			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 22	Easting:	500985
Proposed Pit ID:	PPIT- 33	Northing:	2611753
Geologist:	Shibasish Mohanty	Elevation:	56 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.10		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL(BLACK)
0.10	0.50	0.40	GSHL(GREENISH)
0.50	0.80	0.30	DARK GREY SHL
0.80	1.10	0.30	LIGHT BROWNISH GREEN SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-22	0.10m to 0.50m	EAST	GSHL(GREENISH)
AWPT-22-A	0.80m to 1.10m	EAST	LIGHT BROWNISH GREEN SST
OTHER DETAILS			
Water Contact:		HEAVY WATER SEEPAGE	
Volume of the final pit:		1.10 m ³	
Volume of the total excavated material:		1.10 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 23			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 23	Easting:	501533
Proposed Pit ID:	PPIT- 43	Northing:	2611141
Geologist:	Shibasish Mohanty	Elevation:	60 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	SANDY SOIL (BROWNISH RED)
0.20	0.50	0.30	WEATHERED FGSST
0.50	1.00	0.50	YELLOWISH BROWN SST
1.00	1.70	0.70	YELLOW GREEN SST(GSST)
1.70	2.30	0.60	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-23	1.00m to 1.70m	NORTH	YELLOW GREEN SST(GSST)
AWPT-23-A	1.70m to 2.30m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.30 m ³	
Volume of the total excavated material:		2.30 m ³	
Difficulties:			
Status:		SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.	



PIT NO: 24			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 24	Easting:	502086
Proposed Pit ID:	PPIT- 51	Northing:	2610549
Geologist:	Shibasish Mohanty	Elevation:	57 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL(BROWN)
0.20	0.60	0.40	LIGHT GREY SHL
0.60	0.80	0.20	YELLOWISH RED SST
0.80	1.00	0.20	WHITISH GREEN SST(GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-24	0.80m to 1.00m	NORTH	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		1.00 m³	
Volume of the total excavated material:		1.00 m³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 25			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 25	Easting:	500526
Proposed Pit ID:	PPIT- 23	Northing:	2612476
Geologist:	Shibasish Mohanty	Elevation:	69
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.50		
Pit Face/Orientation:	Face-1	South Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL (YELLOWISH BROWN)
0.10	1.40	1.30	ALTERNATE BANDS OF GSST, GREY SHL
1.40	2.50	1.10	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-25	0.10m to 1.40m	SOUTH	ALTERNATE BANDS OF GSST, GREY SHL
AWPT-25-A	1.40m to 2.50m	SOUTH	ALTERNATE BANDS OF GSST, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.50 m³		
Volume of the total excavated material:	2.50 m³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 26			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 26	Easting:	502672
Proposed Pit ID:	PPIT- 52	Northing:	2611160
Geologist:	Shibasish Mohanty	Elevation:	79 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):			
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	TOP SANDY SOIL(YELLOWISH BROWN)
0.30	0.60	0.30	SANDY SOIL(REDDISH BROWN)
0.60	0.90	0.30	WHITISH BROWN SST
0.90	1.30	0.40	YELLOW GREEN SST(GSST)
1.30	1.80	0.50	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-26	0.90m to 1.30m	NORTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	1.80 m ³		
Volume of the total excavated material:	1.80 m ³		
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 27			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	07.10.2025
		Date of completion:	07.10.2025
Pit ID:	P- 27	Easting:	503329
Proposed Pit ID:	PPIT- 53	Northing:	2611543
Geologist:	Shibasish Mohanty	Elevation:	50 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.90	0.90	TOP SOIL (YELLOWISH BROWN)
0.90	2.10	1.20	ALTERNATE BANDS OF GSST, GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-27	0.90m to 2.10m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:		NO	
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 28			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 28	Easting:	503003
Proposed Pit ID:	PPIT- 61	Northing:	2610397
Geologist:	Shibasish Mohanty	Elevation:	56 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):			
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL (LIGHT BROWN)
0.40	1.10	0.70	ALTERNATE BANDS OF GSST, GREY SHL
1.10	1.70	0.60	WEATHERED CONGLOMERATIC SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-28	0.40m to 1.10m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.70 m ³	
Volume of the total excavated material:		1.70 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 29			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 29	Easting:	502520
Proposed Pit ID:	PPIT- 60	Northing:	2609843
Geologist:	Shibasish Mohanty	Elevation:	46 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.50		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.70	0.70	TOP SOIL (BROWNISH)
0.70	1.30	0.60	WEATHERED YELLOW GREEN SST(GSST)
1.30	2.50	1.20	ALTERNATE BANDS OF GSST, GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-29	0.70m to 1.30m	NORTH	WEATHERED YELLOW GREEN SST(GSST)
AWPT-29-A	1.30m to 2.50m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.50 m ³	
Volume of the total excavated material:		2.50 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 30			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 30	Easting:	504177
Proposed Pit ID:	PPIT- 66	Northing:	2610328
Geologist:	Shibasish Mohanty	Elevation:	47 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	WHITISH GREEN SST(GSST)
0.40	0.90	0.50	YELLOW GREEN SST(GSST)
0.90	1.20	0.30	WHITISH GREEN SST(GSST)
1.20	1.30	0.10	FGSST
1.30	1.50	0.20	YELLOW GREEN SST(GSST)
1.50	1.80	0.30	WHITISH GREEN SST(GSST)
1.80	2.00	0.20	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-30	0.00m to 0.40m & 0.90m to 1.20m & 1.50m to 1.80m	NORTH	WHITISH GREEN SST(GSST)
AWPT-30-A	0.40m to 0.90m & 1.30m to 1.50m	NORTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.00 m ³		
Volume of the total excavated material:	2.00 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 31			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 31	Easting:	499448
Proposed Pit ID:	PPIT- 56	Northing:	2607434
Geologist:	Shibasish Mohanty	Elevation:	81 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):			
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.90	0.90	TOP SANDY SOIL(BROWNISH RED)
0.90	1.40	0.50	WEATHERED FGSST
1.40	2.40	1.00	WEATHERED WHITISH YELLOWISH SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-31	1.40m to 2.40m	NORTH	WEATHERED WHITISH YELLOWISH SST
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.40 m ³		
Volume of the total excavated material:	2.40 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 32			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 32	Easting:	500241
Proposed Pit ID:	PPIT- 57	Northing:	2607857
Geologist:	Shibasish Mohanty	Elevation:	97 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20		
Pit Face/Orientation:	Face-1	South Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.80	0.80	SANDY SOIL (YELLOWISH BROWN)
0.80	1.00	0.20	YELLOW GREEN SST(GSST)
1.00	1.60	0.60	LIGHT GREY SHL
1.60	1.70	0.10	PINK SHL
1.70	2.20	0.50	LIGHT GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-32	0.80m to 1.00m	SOUTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 33			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	08.10.2025
		Date of completion:	08.10.2025
Pit ID:	P- 33	Easting:	499570
Proposed Pit ID:	PPIT- 48	Northing:	2608459
Geologist:	Shibasish Mohanty	Elevation:	80 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SOIL(BROWN)
0.40	0.70	0.30	WEATHERED FGSST
0.70	1.10	0.40	FGSST WITH THIN LAYERS OF GREY SHL
1.10	1.30	0.20	YELLOW GREEN SST(GSST)
1.30	2.20	0.90	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-33	1.10m to 1.30m	NORTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 34			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 34	Easting:	499035
Proposed Pit ID:	PPIT- 39	Northing:	2609199
Geologist:	Shibasish Mohanty	Elevation:	79 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.80	0.80	SAND (LIGHT BROWN)
0.80	2.10	1.30	BROWNISH GREEN SST WITH THIN LAYRS OF FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-34	0.80m to 2.10m	EAST	BROWNISH GREEN SST WITH THIN LAYRS OF FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 35			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 35	Easting:	499654
Proposed Pit ID:	PPIT- 40	Northing:	2609628
Geologist:	Shibasish Mohanty	Elevation:	85 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	SANDY SOIL(BROWN)
0.50	0.90	0.40	WEATHERED FGSST(RED BROWN)
0.90	1.20	0.30	ALTERNATE BANDS OF WEATHERED FGSST & GSST
1.20	1.40	0.20	BROWNISH YELLOW SST
1.40	1.55	0.15	YELLOWISH BROWN SST WITH BLACK SHL
1.55	2.30	0.75	ALTERNATE BANDS OF LIGHT GREEN SST(GSST) & FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-35	1.55m to 2.30m	EAST	ALTERNATE BANDS OF LIGHT GREEN SST(GSST) & FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.30 m³	
Volume of the total excavated material:		2.30 m³	
Difficulties:			
Status:		NO	
SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.			

PIT NO: 36			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 36	Easting:	499157
Proposed Pit ID:	PPIT- 30	Northing:	2610250
Geologist:	Shibasish Mohanty	Elevation:	79 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.70		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	SANDY SOIL (BROWNISH RED)
0.40	0.45	0.05	CONGLOMERATIC SST
0.45	2.10	1.65	ALTERNATE BANDS OF GSST, GREY SHL
2.10	2.70	0.60	YELLOW GREEN SST(GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-36	0.45m to 2.10m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
AWPT-36-A	2.10m to 2.70m	NORTH	YELLOW GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.70 m ³	
Volume of the total excavated material:		2.70 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 37			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 37	Easting:	498650
Proposed Pit ID:	PPIT- 20	Northing:	2610856
Geologist:	Shibasish Mohanty	Elevation:	71 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	South Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	SANDY SOIL (YELLOWISH BROWN)
0.30	0.70	0.40	YELLOWISH GREEN SST(GSST)
0.70	2.10	1.40	ALTERNATE BANDS OF GSST, GREY SHL & FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-37	0.30m to 0.70m	SOUTH	YELLOWISH GREEN SST(GSST)
AWPT-37-A	0.70m to 2.10m	SOUTH	ALTERNATE BANDS OF GSST, GREY SHL & FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 38			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 38	Easting:	499314
Proposed Pit ID:	PPIT- 21	Northing:	2611363
Geologist:	Shibasish Mohanty	Elevation:	61 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.30		
Pit Face/Orientation:	Face-1	West Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	TOP SOIL (YELLOWISH BROWN)
0.30	0.70	0.40	YELLOWISH GREEN SST(GSST)
0.70	1.00	0.30	WHITISH GREEN SST(GSST)
1.00	1.30	0.30	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-38	0.70m to 1.00m	WEST	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:	SLIGHT WATER SEEPAGE		
Volume of the final pit:	1.30 m ³		
Volume of the total excavated material:	1.30 m ³		
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		

PIT NO: 39			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 39	Easting:	499780
Proposed Pit ID:	PPIT- 31	Northing:	2610901
Geologist:	Shibasish Mohanty	Elevation:	66 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.90		
Pit Face/Orientation:	Face-1	West Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	2.70	2.70	SANDY SOIL(REDDISH BROWN)
2.70	2.90	0.20	FGSST WITH THIN BANDS OF GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-39	2.70m to 2.90m	WEST	FGSST WITH THIN BANDS OF GSST
OTHER DETAILS			
Water Contact:		HEAVY WATER SEEPAGE	
Volume of the final pit:		2.90 m ³	
Volume of the total excavated material:		2.90 m ³	
Difficulties:	Heavy Water Seepage & Pit Wall Collapsing		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 40			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	09.10.2025
		Date of completion:	09.10.2025
Pit ID:	P- 40	Easting:	500269
Proposed Pit ID:	PPIT- 41	Northing:	2610115
Geologist:	Shibasish Mohanty	Elevation:	73 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.40		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	TOP SOIL (YELLOWISH GREEN)
0.50	2.40	1.90	ALTERNATE BANDS OF GSST, GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-40	0.50m to 1.40m	EAST	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.40 m ³	
Volume of the total excavated material:		2.40 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 41			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 41	Easting:	500682
Proposed Pit ID:	PPIT- 58	Northing:	2608422
Geologist:	Shibasish Mohanty	Elevation:	72 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	South Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL(YELLOWISH BROWN)
0.20	0.80	0.60	ALTERNATE BANDS OF GSHL, GREY SHL
0.80	2.30	1.50	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-41	0.20m to 0.80m	SOUTH	ALTERNATE BANDS OF GSHL, GREY SHL
OTHER DETAILS			
Water Contact:	SLIGHT WATER SEEPAGE		
Volume of the final pit:	2.30 m ³		
Volume of the total excavated material:	2.30 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 42			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 42	Easting:	501340
Proposed Pit ID:	PPIT- 59	Northing:	2609012
Geologist:	Shibasish Mohanty	Elevation:	71 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	South Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.70	0.70	ALTERNATE BANDS OF GSHL, GREY SHL
0.70	2.10	1.40	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-42	0.00m to 0.70m	SOUTH	ALTERNATE BANDS OF GSHL, GREY SHL
AWPT-42-A	0.70m to 2.10m	SOUTH	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 43			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 43	Easting:	500778
Proposed Pit ID:	PPIT- 49	Northing:	2609480
Geologist:	Shibasish Mohanty	Elevation:	66 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.80		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (BROWNISH RED)
0.20	1.40	1.20	ALTERNATE BANDS OF GSST, GREY SHL
1.40	2.40	1.00	WEATHERED FGSST
2.40	2.80	0.40	ALTERNATE BANDS OF GSST, GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-43	0.20m to 1.40m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
AWPT-43-A	2.40m to 2.80m	NORTH	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		HEAVY WATER SEEPAGE	
Volume of the final pit:		2.80 m ³	
Volume of the total excavated material:		2.80 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 44			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 44	Easting:	501423
Proposed Pit ID:	PPIT- 50	Northing:	2610115
Geologist:	Shibasish Mohanty	Elevation:	63 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.20		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	SANDY SOIL (YELLOWISH BROWM)
0.30	1.20	0.90	ALTERNATE BANDS OF GSST & GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-44	0.30m to 1.20m	WEST	ALTERNATE BANDS OF GSST & GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.20 m ³	
Volume of the total excavated material:		1.20 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 45			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 45	Easting:	500923
Proposed Pit ID:	PPIT- 42	Northing:	2610667
Geologist:	Shibasish Mohanty	Elevation:	76 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	2.30	2.30	ALTERNATE BANDS OF GSST & GREY SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-45	0.00m to 2.30m	NORTH	ALTERNATE BANDS OF GSST & GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.30 m ³	
Volume of the total excavated material:		2.30 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 46			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	11.10.2025
		Date of completion:	11.10.2025
Pit ID:	P- 46	Easting:	500395
Proposed Pit ID:	PPIT- 32	Northing:	2611282
Geologist:	Shibasish Mohanty	Elevation:	73 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	West Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	ALTERNATE BANDS OF GSST & GREY SHL
0.50	1.00	0.50	WEATHERED FGSST(DARK GREENISH COLOUR)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-46	0.00m to 0.50m	WEST	ALTERNATE BANDS OF GSST & GREY SHL
AWPT-46-A	0.50m to 1.00m	WEST	WEATHERED FGSST(DARK GREENISH COLOUR)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:		NO	
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 47			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	12.10.2025
		Date of completion:	12.10.2025
Pit ID:	P- 47	Easting:	499943
Proposed Pit ID:	PPIT- 22	Northing:	2611957
Geologist:	Shibasish Mohanty	Elevation:	107 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.90	0.90	SANDY SOIL(BROWN)
0.90	1.00	0.10	TRIGONIA FOSSILIFEROUS CONGLOMERATIC SST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-47	0.00m to 0.90m	NORTH	TRIGONIA FOSSILIFEROUS CONGLOMERATIC SST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



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PIT NO: 48			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	12.10.2025
		Date of completion:	12.10.2025
Pit ID:	P- 48	Easting:	500596
Proposed Pit ID:	PPIT- 63	Northing:	2607267
Geologist:	Shibasish Mohanty	Elevation:	92 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	1.70	1.70	TOP SOIL(REDDISH BROWN)
1.70	2.30	0.60	WHITISH GREEN SST(GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-48	1.7	EAST	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.30 m ³		
Volume of the total excavated material:	2.30 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 49			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	12.10.2025
		Date of completion:	12.10.2025
Pit ID:	P- 49	Easting:	501842
Proposed Pit ID:	PPIT- 64	Northing:	2608114
Geologist:	Shibasish Mohanty	Elevation:	77 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.15	0.15	TOP SOIL(REDDISH BROWN)
0.15	0.80	0.65	ALTERNATE BANDS OF GSST & GREY SHL
0.80	1.90	1.10	WHITISH GREEN SST(GSST)
1.90	2.30	0.40	WEATHERED FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-49	0.15m to 0.80m	EAST	ALTERNATE BANDS OF GSST & GREY SHL
AWPT-49-A	0.80m to 1.90m	EAST	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:	HEAVY WATER SEEPAGE		
Volume of the final pit:	2.30 m ³		
Volume of the total excavated material:	2.30 m ³		
Difficulties:	The pit was relocated due to agricultural land at the proposed site.		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 50			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	12.10.2025
		Date of completion:	12.10.2025
Pit ID:	P- 50	Easting:	501659
Proposed Pit ID:	PPIT-69	Northing:	2607157
Geologist:	Shibasish Mohanty	Elevation:	94 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	South Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (REDDISH BROWN)
0.20	1.50	1.30	WEATHERED FGSST
1.50	2.00	0.50	YELLOW SST (GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-52	1.50m to 2.00m	SOUTH	YELLOW SST (GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:		NO	
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 51			
Name of the investigation:	Ambara-West Glauconite	Date of commencement:	12.10.2025
	Exploration (G4)	Date of completion:	12.10.2025
Pit ID:	P- 51	Easting:	501051
Proposed Pit ID:	PPIT- 68	Northing:	2606575
Geologist:	Shibasish Mohanty	Elevation:	97 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.30		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL(REDDISH BROWN)
0.10	1.30	1.20	ALTERNATE BANDS OF FGSST AND GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-51	0.10m to 1.30m	EAST	ALTERNATE BANDS OF FGSST AND GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.30 m³	
Volume of the total excavated material:		1.30 m³	
Difficulties:			
HARD & COMPACT FORMATION AT THE BOTTOM			
Status:		SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.	

PIT NO: 52			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	12.10.2025
		Date of completion:	12.10.2025
Pit ID:	P- 52	Easting:	498556
Proposed Pit ID:	PPIT-38	Northing:	2608636
Geologist:	Shibasish Mohanty	Elevation:	76
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.90		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	1.90	1.90	SANDY SOIL (YELLOWISH BROWN)
1.90	2.40	0.50	WEATHERED FGSST WITH THIN BANDS OF YELLOW SST
2.40	2.90	0.50	ALTERNATE BANDS OF FGSST AND GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-52	2.40m to 2.90m	WEST	ALTERNATE BANDS OF FGSST AND GSST
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.90 m ³		
Volume of the total excavated material:	2.90 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 53			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	13.10.2025
		Date of completion:	13.10.2025
Pit ID:	P- 53	Easting:	497994
Proposed Pit ID:	PPIT-29	Northing:	2609506
Geologist:	Shibasish Mohanty	Elevation:	72
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	South Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	1.60	1.40	ALTERNATE BANDS OF GSST, GREY SHL
1.60	2.00	0.40	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-53	0.20m to 1.60m	SOUTH	ALTERNATE BANDS OF GSST, GREY SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 54			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	13.10.2025
		Date of completion:	13.10.2025
Pit ID:	P- 54	Easting:	497290
Proposed Pit ID:	PPIT-28	Northing:	2608757
Geologist:	Shibasish Mohanty	Elevation:	75 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.50		
Pit Face/Orientation:	Face-1	South Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.30	0.30	SANDY SOIL (YELLOW BROWN)
0.30	1.00	0.70	WEATHERED FGSST
1.00	2.50	1.50	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-54	1.00m to 2.50m	SOUTH	ALTERNATE BANDS OF GSHL, GREY SHL & PINK SHL
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.50 m ³	
Volume of the total excavated material:		2.50 m ³	
Difficulties:			
NO			
Status:		SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.	



PIT NO: 55			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	13.10.2025
		Date of completion:	13.10.2025
Pit ID:	P- 55	Easting:	498256
Proposed Pit ID:	PPIT-47	Northing:	2607532
Geologist:	Shibasish Mohanty	Elevation:	77 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	South Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL (REDDISH BROWN)
0.10	0.70	0.60	WEATHERED FGSST
0.70	2.10	1.40	ALTERNATE BANDS OF FGSST & GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-55	0.70m to 2.10m	SOUTH	ALTERNATE BANDS OF FGSST & GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:		NO	
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 56			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	13.10.2025
		Date of completion:	13.10.2025
Pit ID:	P- 56	Easting:	497772
Proposed Pit ID:	PPIT-37	Northing:	2606946
Geologist:	Shibasish Mohanty	Elevation:	83 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	SANDY SOIL (REDDISH BROWN)
0.20	0.40	0.20	WEATHERED FGSST
0.40	2.00	1.60	ALTERNATE BANDS OF GREY SHALE & GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-56	0.40m to 2.00m	EAST	ALTERNATE BANDS OF GREY SHALE & GSST
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.00 m³	
Volume of the total excavated material:		2.00 m³	
Difficulties:			
NO			
Status:		SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.	



PIT NO: 57			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	13.10.2025
		Date of completion:	13.10.2025
Pit ID:	P- 57	Easting:	498838
Proposed Pit ID:	PPIT-62	Northing:	2606872
Geologist:	Shibasish Mohanty	Elevation:	94 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	2.20	2.00	ALTERNATE BANDS OF LIGHT GREY SHALE, GSST, AND FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-57	0.20m to 2.20m	EAST	ALTERNATE BANDS OF LIGHT GREY SHALE, GSST, AND FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:			
		NO	
Status:		SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.	

PIT NO: 58				ANNEXURE-III/A
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025	
		Date of completion:	15.10.2025	
Pit ID:	P- 58	Easting:	496800	
Proposed Pit ID:	PPIT-67	Northing:	2609336	
Geologist:	Shibasish Mohanty	Elevation:	79 m	
PIT TOP MEASUREMENT				
Length (m):	1.00	Breadth (m):	1.00	
PIT BOTTOM MEASUREMENT				
Length (m):	1.00	Breadth (m):	1.00	
Depth (m):	1.20			
Pit Face/Orientation:	Face-1	South Face (180°)		
From (m)	To (m)	Thickness (m)	Lithology & Structural Details	
0.00	0.20	0.20	TOP SANDY SOIL (REDDISH BROWN)	
0.20	0.80	0.60	FGSST	
0.80	1.20	0.40	BROWNISH YELLOW SST	
NOTE: All Faces Have The Same Lithology				
SAMPLE DETAILS				
Sample No	Depth	Pit Face	Lithology	
AWPT-58	0.80m to 1.20m	SOUTH	BROWNISH YELLOW SST	
OTHER DETAILS				
Water Contact:		NO		
Volume of the final pit:		1.20 m³		
Volume of the total excavated material:		1.20 m³		
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM			
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.			

PIT NO: 59			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025
		Date of completion:	15.10.2025
Pit ID:	P- 59	Easting:	496718
Proposed Pit ID:	PPIT-18	Northing:	2608207
Geologist:	Shibasish Mohanty	Elevation:	103 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.50		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL YELLOW BROWN
0.20	2.50	2.30	ALTERNATE BANDS OF GSST, DARK GREY SHALE AND PINK SHALE
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-59	0.20m to 2.50m	EAST	ALTERNATE BANDS OF GSST, DARK GREY SHALE AND PINK SHALE
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.50 m ³	
Volume of the total excavated material:		2.50 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 60			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025
		Date of completion:	15.10.2025
Pit ID:	P- 60	Easting:	496163
Proposed Pit ID:	PPIT-27	Northing:	2607603
Geologist:	Shibasish Mohanty	Elevation:	87 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	TOP SOIL YELLOW BROWN
0.50	2.00	1.50	WEATHERED FGSST WITH THIN LAYER OF GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-60	0.50m to 2.00m	NORTH	WEATHERED FGSST WITH THIN LAYER OF GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.0 m ³	
Volume of the total excavated material:		2.0 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 61			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025
		Date of completion:	15.10.2025
Pit ID:	P- 61	Easting:	495593
Proposed Pit ID:	PPIT-71	Northing:	2608364
Geologist:	Shibasish Mohanty	Elevation:	82 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	South Face (180°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.50	0.50	TOP SANDY SOIL (BROWNISH YELLOW)
0.50	2.00	1.50	YELLOW GREEN SST (GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-61	0.5m to 2.00m	SOUTH	YELLOW GREEN SST (GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 62			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025
		Date of completion:	15.10.2025
Pit ID:	P- 62	Easting:	495770
Proposed Pit ID:	PPIT-11	Northing:	2609583
Geologist:	Shibasish Mohanty	Elevation:	88 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	0.50	0.30	WEATHERED FGSST
0.50	2.00	1.50	ALTERNATE BANDS OF LIGHT GREY SHALES AND GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-62	0.50m to 2.00m	EAST	ALTERNATE BANDS OF LIGHT GREY SHALES AND GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 63			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	15.10.2025
		Date of completion:	15.10.2025
Pit ID:	P- 63	Easting:	496895
Proposed Pit ID:	PPIT-12	Northing:	2610461
Geologist:	Shibasish Mohanty	Elevation:	75 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.10		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.10	0.10	TOP SOIL (BROWNISH BLACK)
0.10	0.60	0.50	LIGHT GREY SHALE
0.60	1.30	0.70	ALTERNATE BANDS OF GSST & FGSST
1.30	2.10	0.80	LIGHT GREY SHALE
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-63	0.60m to 1.30m	WEST	ALTERNATE BANDS OF GSST & FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.10 m ³	
Volume of the total excavated material:		2.10 m ³	
Difficulties:			
NO			
Status:		SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.	



PIT NO: 64			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 64	Easting:	507273
Proposed Pit ID:	PPIT-75	Northing:	2605418
Geologist:	Shibasish Mohanty	Elevation:	64 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.40		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	0.90	0.70	WEATHERED CONGLOMERATIC SST
0.90	1.70	0.80	CONGLOMERATIC SST
1.70	2.40	0.70	ALTERNATIVE LAYERS OF GSST & FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-64	1.70m to 2.40m	EAST	ALTERNATIVE LAYERS OF GSST & FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.40 m ³	
Volume of the total excavated material:		2.40 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 65			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 65	Easting:	506215
Proposed Pit ID:	PPIT-74	Northing:	2606719
Geologist:	Shibasish Mohanty	Elevation:	58 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.60		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SANDY SOIL (YELLOWISH BROWN)
0.20	1.70	1.50	ALTERNATE BANDS OF YELLOW SST AND WEATHERED FGSST
1.70	2.10	0.40	ALTERNATE BANDS OF LIGHT GREY SHALE AND GSHL
2.10	2.60	0.50	YELLOW GREEN SST (GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-65	0.20m to 1.70m	EAST	ALTERNATE BANDS OF YELLOW SST AND WEATHERED FGSST
AWPT-65A	2.10m to 2.60m	EAST	YELLOW GREEN SST (GSST)
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.60 m³		
Volume of the total excavated material:	2.60 m³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 66			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 66	Easting:	505157
Proposed Pit ID:	PPIT-73	Northing:	2607826
Geologist:	Shibasish Mohanty	Elevation:	87 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SANDY SOIL YELLOW BROWN
0.40	1.40	1.00	FGSST WITH VERY THIN LAYER OF GSST
1.40	2.00	0.60	ALTERNATE LAYERS OF GSST & WEATHERED FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-66	1.40m to 2.00m	WEST	ALTERNATE LAYERS OF GSST & WEATHERED FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:	The pit was relocated due to agricultural land at the proposed site.		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 67			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 67	Easting:	504201
Proposed Pit ID:	PPIT-70	Northing:	2609142
Geologist:	Shibasish Mohanty	Elevation:	54 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	1.50	1.50	SANDY SOIL(BROWNISH RED)
1.50	2.00	0.50	ALTERNATIVE LAYER OF FGSST AND GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-67	1.50m to 2.00m	EAST	ALTERNATIVE LAYER OF FGSST AND GSST
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.00 m ³	
Volume of the total excavated material:		2.00 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 68			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 68	Easting:	503772
Proposed Pit ID:	PPIT-65	Northing:	2609852
Geologist:	Shibasish Mohanty	Elevation:	54 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	WEATHERED CONGLOMERATIC SST
0.20	2.00	1.80	WHITISH GREEN SST (GSST)
2.00	2.30	0.30	DARK GREY SHALE
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-68	0.20m to 2.00m	NORTH	WHITISH GREEN SST (GSST)
OTHER DETAILS			
Water Contact:		SLIGHT WATER SEEPAGE	
Volume of the final pit:		2.30 m ³	
Volume of the total excavated material:		2.30 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		

PIT NO: 69			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	16.10.2025
		Date of completion:	16.10.2025
Pit ID:	P- 69	Easting:	496208
Proposed Pit ID:	PPIT- 72	Northing:	2609961
Geologist:	Shibasish Mohanty	Elevation:	88 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.50		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	SOIL YELLOW BROWN
0.20	1.50	1.30	ALTERNATIVE LAYER OF YELLOW SST AND FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-69	0.20m to 1.50m	NORTH	ALTERNATIVE LAYER OF YELLOW SST AND FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.50 m ³	
Volume of the total excavated material:		1.50 m ³	
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 70			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 70	Easting:	495812
Proposed Pit ID:	PPIT-07	Northing:	2610605
Geologist:	Shibasish Mohanty	Elevation:	105 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.30		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.90	0.90	SANDY SOIL (REDDISH BROWN)
0.90	2.30	1.40	ALTERNATE BANDS OF GSST AND LIGHT GREY SHALE AND FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-70	0.90m to 2.30m	EAST	ALTERNATE BANDS OF GSST AND LIGHT GREY SHALE AND FGSST
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.30 m³		
Volume of the total excavated material:	2.30 m³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



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PIT NO: 71			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 71	Easting:	495819
Proposed Pit ID:	PPIT-02	Northing:	2611657
Geologist:	Shibasish Mohanty	Elevation:	100 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.00		
Pit Face/Orientation:	Face-1	North Face (360°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.20	0.20	TOP SOIL (YELLOWISH BROWN)
0.20	1.00	0.80	ALTERNATE BANDS OF FGSST AND GSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-71	0.20m to 1.00m	NORTH	ALTERNATE BANDS OF FGSST AND GSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		1.00 m ³	
Volume of the total excavated material:		1.00 m ³	
Difficulties:			
HARD & COMPACT FORMATION AT THE BOTTOM			
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 72			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 72	Easting:	496968
Proposed Pit ID:	PPIT-08	Northing:	2611616
Geologist:	Shibasish Mohanty	Elevation:	93 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.60		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	1.00	1.00	TOP SOIL (RED BROWN)
1.00	2.60	1.60	WEATHERED FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-72	1.00m to 2.60m	EAST	WEATHERED FGSST
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.60 m ³	
Volume of the total excavated material:		2.60 m ³	
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 73			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 73	Easting:	498211
Proposed Pit ID:	PPIT-14	Northing:	2611499
Geologist:	Shibasish Mohanty	Elevation:	75 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.20		
Pit Face/Orientation:	Face-1	West Face (270°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.40	0.40	TOP SANDY SOIL (YELLOWISH BROWN)
0.40	2.20	1.80	WHITISH GREEN SST(GSST)
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-73	0.40m to 2.20m	WEST	WHITISH GREEN SST(GSST)
OTHER DETAILS			
Water Contact:		NO	
Volume of the final pit:		2.20 m ³	
Volume of the total excavated material:		2.20 m ³	
Difficulties:			
NO			
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		



PIT NO: 74			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 74	Easting:	497615
Proposed Pit ID:	PPIT-13	Northing:	2610949
Geologist:	Shibasish Mohanty	Elevation:	83 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	1.40		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	0.70	0.70	TOP SANDYA SOIL (REDDISH BROWN)
0.70	1.40	0.70	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-74	0.70m to 1.40m	East	FGSST
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	1.4 m ³		
Volume of the total excavated material:	1.4 m ³		
Difficulties:	HARD & COMPACT FORMATION AT THE BOTTOM		
Status:	SAMPLE COLLECTED AND PIT CLOSED, DUE TO INABILITY TO DIG FURTHER IN HARD, COMPACT FOMATION.		



PIT NO: 75			
Name of the investigation:	Ambara-West Glauconite Exploration (G4)	Date of commencement:	17.10.2025
		Date of completion:	17.10.2025
Pit ID:	P- 75	Easting:	497430
Proposed Pit ID:	PPIT-19	Northing:	2609888
Geologist:	Shibasish Mohanty	Elevation:	76 m
PIT TOP MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
PIT BOTTOM MEASUREMENT			
Length (m):	1.00	Breadth (m):	1.00
Depth (m):	2.00		
Pit Face/Orientation:	Face-1	East Face (90°)	
From (m)	To (m)	Thickness (m)	Lithology & Structural Details
0.00	1.00	1.00	TOP SANDYA SOIL (REDDISH BROWN)
1.00	2.00	1.00	FGSST
NOTE: All Faces Have The Same Lithology			
SAMPLE DETAILS			
Sample No	Depth	Pit Face	Lithology
AWPT-75	1.00m to 2.00m	EAST	FGSST
OTHER DETAILS			
Water Contact:	NO		
Volume of the final pit:	2.00 m ³		
Volume of the total excavated material:	2.00 m ³		
Difficulties:	NO		
Status:	SAMPLE COLLECTED AND PIT CLOSED AFTER ACHIVING THE TARGETED DEPTH.		