

**Statement showing summarized Lithologs of boreholes drilled by MECL in Ambara West Block
for Glauconite, District- Kachchh, Gujarat**

BH No-MKAW-01			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glauconitic Sandstone
2.00	6.80	4.80	Shaly Sandstone
6.80	8.80	2.00	Ferruginous Sandstone intercalated with Glauconitic Sandstone
8.80	12.00	3.20	Glauconitic Sandstone
12.00	15.00	3.00	Shaly Sandstone
15.00	18.00	3.00	Glauconitic Sandstone
18.00	30.00	12.00	Shaly Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, encountering alternate bands of grey shale and glauconitic sandstone (shaly sandstone) formation.			

BH No-MKAW-02			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glauconitic Sandstone
2.00	3.00	1.00	Shaly Sandstone
3.00	4.00	1.00	Feldspathic Sandstone
4.00	7.50	3.50	Weathered Ferruginous Sandstone
7.50	10.00	2.50	Feldspathic Sandstone
10.00	11.10	1.10	Weathered Ferruginous Sandstone
11.10	12.00	0.90	Glauconitic Sandstone
12.00	13.50	1.50	Ferruginous Sandstone intercalated with Glauconitic Sandstone
13.50	14.50	1.00	Glauconitic Sandstone
13.50	23.00	9.50	Grey Shale intercalated with Feldspathic Sandstone
Borehole closed at a depth of 23.00 m due to the continuous encounter of feldspathic sandstone formation.			

BH No-MKAW-03			
From (m)	To (m)	Thickness (m)	Lithology
0.00	4.00	4.00	Glauconitic Sandstone
4.00	9.00	5.00	Ferruginous Sandstone intercalated with Glauconitic Sandstone
9.00	10.00	1.00	Glauconitic Sandstone
10.00	16.70	6.70	Shaly Sandstone
16.70	18.60	1.90	Glauconitic Sandstone
18.60	30.00	11.40	Shaly Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, encountering alternate bands of glauconitic sandstone and grey shale (shaly sandstone) formation			

BH No-MKAW-04			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glaucanitic Sandstone
2.00	4.00	2.00	Ferruginous Sandstone intercalated with Glaucanitic Sandstone
4.00	13.50	9.50	Glaucanitic Sandstone
13.50	21.00	7.50	Shaly Sandstone
21.00	30.00	9.00	Glaucanitic Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth in glauconitic sandstone formation.			

BH No-MKAW-05			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glaucanitic Sandstone
2.00	5.50	3.50	Feldspathic Sandstone
5.50	8.00	2.50	Glaucanitic Sandstone
8.00	18.00	10.00	Shaly Sandstone
18.00	22.10	4.10	Feldspathic Sandstone
22.10	25.00	2.90	Shaly Sandstone
25.00	30.00	5.00	Glaucanitic Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, encountering glauconitic sandstone formation.			

BH No-MKAW-06			
From (m)	To (m)	Thickness (m)	Lithology
0.00	6.00	6.00	Shaly Sandstone
6.00	15.00	9.00	Grey Shale
Borehole closed at a depth of 15 m due to the continuous encounter of grey shale formation.			

BH No-MKAW-07			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.40	2.40	Ferruginous Sandstone
2.40	3.00	0.60	Feldspathic Sandstone
3.00	4.00	1.00	Ferruginous Sandstone
4.00	10.00	6.00	Feldspathic Sandstone
10.00	15.00	5.00	Shaly Sandstone
15.00	15.50	0.50	Ferruginous Sandstone
15.50	17.00	1.50	Shaly Sandstone
17.00	23.00	6.00	Ferruginous Sandstone
23.00	25.00	2.00	Weathered Feldspathic Sandstone
Borehole closed at a depth of 25 m due to the continuous encounter of feldspathic sandstone formation.			

BH No-MKAW-08			
From (m)	To (m)	Thickness (m)	Lithology
0.00	5.30	5.30	Shaly Sandstone
5.30	6.30	1.00	Glaconitic Sandstone
6.30	30.00	23.70	Shaly Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, encountering grey shale with thin lamination of glauconitic sandstone (Shaly Sandstone).			

BH No-MKAW-09			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glaconitic Sandstone
2.00	6.00	4.00	Shaly Sandstone
6.00	9.00	3.00	Glaconitic Sandstone
9.00	30.00	21.00	Shaly Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, encountering alternate bands of glauconitic sandstone and grey shale (Shaly Sandstone) formation.			

BH No-MKAW-10			
From (m)	To (m)	Thickness (m)	Lithology
0.00	2.00	2.00	Glaconitic Sandstone
2.00	3.00	1.00	Ferruginous Sandstone intercalated with Glaconitic Sandstone
3.00	6.00	3.00	Shaly Sandstone
6.00	7.00	1.00	Ferruginous Sandstone intercalated with Glaconitic Sandstone
7.00	13.00	6.00	Feldspathic Sandstone
13.00	24.00	11.00	Glaconitic Sandstone
24.00	27.00	3.00	Shaly Sandstone
27.00	30.00	3.00	Glaconitic Sandstone
Borehole closed at a depth of 30 m after achieving the targeted depth, within glauconitic sandstone formation.			