

資料 5 2015 年 11 月セミナー講演時に提供された層序表

| APPROXIMATE AGE              | LITHOSTRATIGRAPHY          | LITHOLOGY   | DEPOSITIONAL ENVIRONMENT                            | SEA LEVEL<br>Rising<br>Falling      | STRUCTURAL ENVIRONMENT   |   |
|------------------------------|----------------------------|-------------|---|-------------------------------------|--|---|
| EOCENE - PALAEOCENE          | TALEH AURADU               |             | Open marine   |                                     | Late Tertiary uplift and volcanics - Tertiary East African rift phase            |   |
|                              | JESSOMA                    |             | Fluvial to marginal marine                          |                                     |  |   |
| MAASTRICTIAN TO CENOMANIAN   | BELET UEN                  |             | Open marine   |                                     |  |   |
|                              | FERFER                     |             | Shallow open marine to restricted lagoonal          |                                     |  |   |
| ALBIAN TO APTIAN             | MUSTAHIL FM                |             |   |                                     |  |   |
|                              | BARREMIAN TO VALANGINIAN   | MAIN GYPSUM |   |                                     |  | Shallow open marine to restricted lagoonal  |
| L. GORRAHEI                  |                            |             | Stable carbonate platform overall shallowing upward |                                     |  |   |
| GABBREDARRE FM               |                            |             | Shallow open marine                                 |                                     |  |   |
| BERRIASIAN TO ? L. OXFORDIAN | UARANDAB FM                |             | Open marine   |                                     |  | REGIONAL TRANSGRESSION  |
| ? E. OXFORDIAN TO CALLOVIAN  | UPPER HAMANLEI             |             | Shallow open marine                                 |                                     |  | Local structural movements in Ogaden, (?) Rifting to northeast of Marda lineament<br>Carbonate platform |
| BATHONIAN TO EARLY JURASSIC  | MIDDLE HAMANLEI            |             | Marginal marine to sabkha                           | CONTINENTAL ONLY                    | Stable carbonate evaporite platform: local open marine depressions and reef rims |   |
|                              | LOWER HAMANLEI             |             |   |                                     |  |   |
|                              | TRANSITION                 |             |   |                                     |  |   |
|                              | ADIGRAT FM                 |             | Open marine   |                                     |  | EARLY JURASSIC TRANSGRESSION (REGIONAL)   |
| TRIASSIC TO ? LATE PERMIAN   | GUMBORO FM                 |             | Fluvial   | Sedimentation overstepping basement |  |   |
|                              | BOKH FM                    |             | Lacustrine  | Rift fill - tectonically stable     |  |   |
|                              | CALUB FM                   |             | Fluvial   | Rifting                             |  |   |
|                              | EARLY PALAEOZOIC AND OLDER | BASEMENT    |   |                                     |  |   |