ICCP

 COMMISSION II

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Identification of Dispersed

Organic Matter WG

2020 ROUND ROBIN EXERCISE

Bituminite description sheet

**Analysist**:

**Sample ID**:

**Sample type**: whole rock sample

**Maceral described**: Bituminite

**Date submitted**:

**Remarks**:

|  |  |
| --- | --- |
| 1. **Form:**
 |  |
| 1. laminae, irregular streaks, wisps, flaser, pods, thrads, bands and elongated lenses
 |  |
| 1. others
 |  |
| 1. **Size:**
 |  |
| 1. streak and thread forms are <2-200 μm long and <2-4 μm thick
 |  |
| 1. lenses, flaser and pods are <2-10 μm long and <2-4 μm thick
 |  |
| 1. others
 |  |
| 1. **Appearance:**
 |  |
| 1. vein-like appearance
 |  |
| 1. fine disseminations
 |  |
| 1. homogenous, diffuse, equidimensional particles of various shape
 |  |
| 1. others
 |  |
| 1. **Impurities:**
 |  |
| 1. lack of impurities
 |  |
| 1. minerals
 |  |
| 1. corroded algal remnants
 |  |
| 1. liptodetrinite
 |  |
| 1. others
 |  |
| 1. **Internal structure**
 |  |
| 1. homogenous
 |  |
| 1. streaky
 |  |
| 1. fluidal
 |  |
| 1. finely granular
 |  |
| 1. others
 |  |
| 1. **Optical properties – white light**
 |  |
| 1. pale grey
 |  |
| 1. dark grey
 |  |
| 1. black
 |  |
| 1. others
 |  |
| 1. **Optical properties – UV light**
 |  |
| 1. greenish
 |  |
| 1. yellowish
 |  |
| 1. reddish
 |  |
| 1. brownish
 |  |
| 1. others
 |  |
| 1. **Association with**
 |  |
| 1. Bituminit I of Teichmüller and Ottenjann (1977)
 |  |
| 1. Bituminit II of (Teichmüller and Ottenjann (1977)
 |  |
| 1. Bituminit III of Teichmüller and Ottenjann (1977)
 |  |
| 1. Bituminit I of Mackenzie-Basin (Creaney, 1980)
 |  |
| 1. Bituminit II of Mackenzie-Basin (Creaney, 1980)
 |  |
| 1. amorphinite A, of van Gijzel, 1980
 |  |
| 1. amorphinites B of van Gijzel, 1980
 |  |
| 1. amorphinites C of van Gijzel, 1980
 |  |
| 1. sapropelinites I of Mukhopadhyay et al. (1985 a,b).
 |  |
| 1. sapropelinites II of Mukhopadhyay et al. (1985 a,b).
 |  |
| 1. others
 |  |
| 1. **Others**
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| 1. Commets, remarks
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