**Signal Quality Score and Usability**

Main Qualities and Mode of assessment:

- Number of channels working?

*Inspected visually on Audacity looking at waveform and spectrogram*

- Noise Level (and discernible sounds)

*Audacity: Look at spectrogram to find possible points of interest in signal*

*Listen to the channels in a time of quiet*

*Look for noise in certain bands/ whole spectrum etc*

*Qualitatively derive whether signals can be heard clearly.*

|  |  |
| --- | --- |
| Value | 6 channels |
| **Clear Signal**  **Minimal Noise** | A |
| **Discernible Signal**  **Moderate Noise**  No (or very quiet) noise in low *bands* | B |
| **Discernible Signal**  **Moderate Noise**  Consistent loud Noise in Low *Bands* | C |
| **Discernible signal**  **High Noise**  No (or very quiet) noise in low *bands* | D |
| **Discernible signal**  **High noise**  Consistent loud noise in low *bands* | E |
| **No (Barely any) Discernible Signal or only for very loud sounds**  **High Noise** **/ Very Low Signal** | F |
| **No Data** | - |

The addition of a “\*” to the notation would mean that the signals chop in/ out at different points in the recording

*Examples:*

|  |  |
| --- | --- |
| Example | Score |
| All channels perfect | AAAAA |
| 2 Channels working well others not | AADDD |
| Okay across all channels, but there’s signal swapping | B\*B\*BBB\*B\* |