

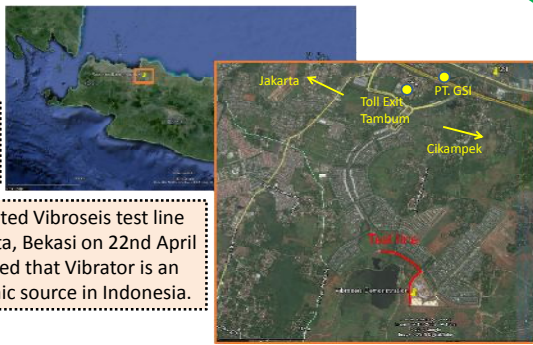
Vibroseis Demonstration in Indonesia 22nd April 2015



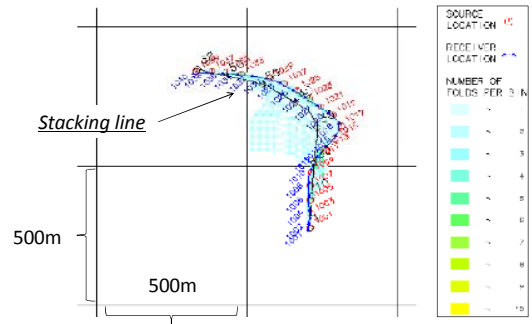
Demonstration Location

JGI exported Vibrators to Indonesia.

We demonstrated Vibroseis test line at Grand Wisata, Bekasi on 22nd April 2015. We proved that Vibrator is an effective seismic source in Indonesia.



CMP Distribution Map with Stacking Line



Parameters

Vibrator Parameter

- No. of Vibrators ; 2
- No. of Sweeps ; 4
- Force Out ; 70%
- Sweep Length ; 16sec
- Sweep Frequency ; 8-80Hz

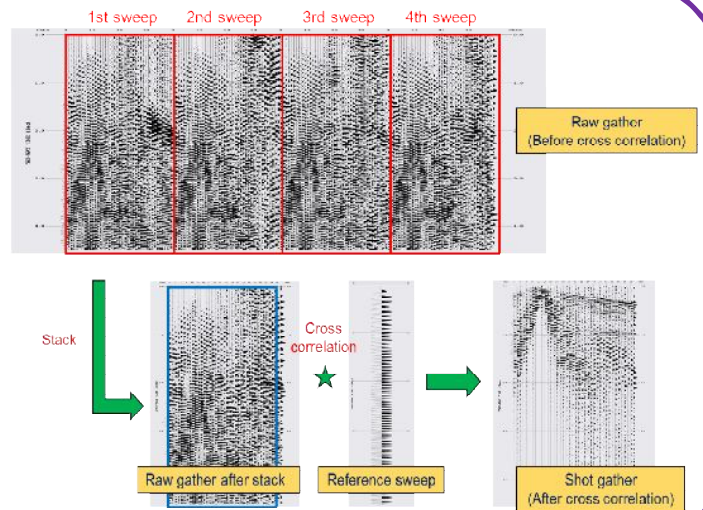
Instrument

- Recording system ; Sercel 428XL
- Geophone sensor ; SG-10
- Geophone array ; 9 series x 2 parallel

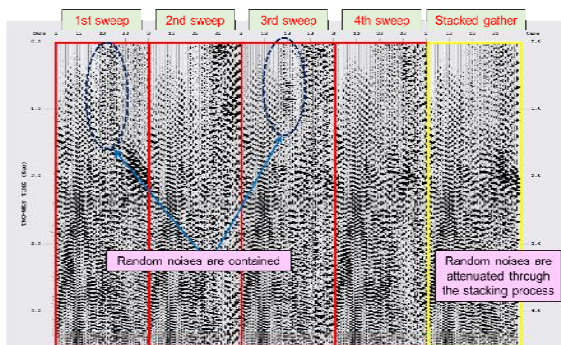
Acquisition Parameter

- Sampling rate ; 2msec
- Record length ; 5000msec
- Group interval ; 25m
- VP interval ; 50m
- No. of Channel ; 40ch
- No. of VPs ; 19
- Maximum offset ; 683.758m

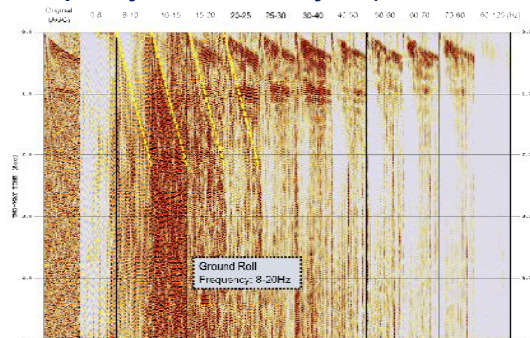
Cross Correlation Process



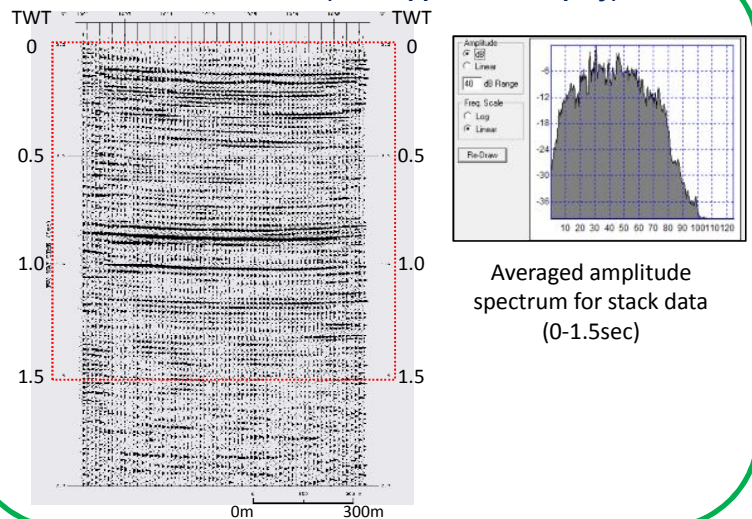
Multi Sweeps Effect



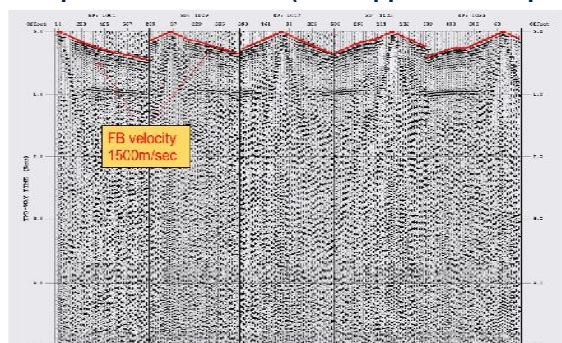
Frequency Contents Analysis (ASGM Scaling)



Filtered Stack (AGC applied for display)



Example of shot records (AGC applied for display)



Pictures

