RESUME

NAME	**:** DILIP KUMAR SINHA (Male)
S/O	**:** Late Sri B M SINHA
NATINALITY	**:** Indian
D/B	**:** 12/19/1959
QUALIFICATION	**: 1.** BSc from Allahabad Univ, Allahabad, India (In 1980) **2**. MSc (Tech)- App Geophysics from Indian School of Mines (ISM), Dhanbad, India (1984) **3.** MBA in HRM, from Indira Ghandhi National Open University (IGNOU), Dehli, India (1998)
PRESENT ASSIGNMENT	**:** Lead Geophysicist at Geocoin Global Private Limited

EXPERIENCE IN SORT:

- Seismic Data Acquisition : 17 yrs
- Seismic Data Processing : 09 yrs
- Seismic Data Interpretation : 07 yrs
- Gravity/ Magnetic Data Processing : 02 yra

WORK EXPERIENCE IN DETAIL:

1. Seismic Data Acquisition (SDA), Experience 14 years

1a. Joined ONGC in Chennai, and worked till 03/1990**- SDA**.

- Worked in Jayankondam, Kottucherry, Nannilam, Tirutturaipundi, Mannargudi in Tamil Nadu, India,
- Associated for 2D Seismic Data Acquisitions using DFS-V Seismic Data Acquisition system, got experience in troubleshooting with DFS-V,
- Attended for repair of Geophones, Cables etc.,
- Engaged for Uphole data acquisition, deciding best shooting media & calculating static correction, as well as Seismic Data Preparation

1b. From 03/1990 to 10/1990 **- SDA** (Dehradun):

- Worked in Shadole, MP, India for 2D Seismic Data Acquisition using Vibrosies technique and SN-348 instrument of Sercel,
- Attended all major jobs related to above and mentioned in ‘1a’ above.

1c. From 10/1990 to 06/1992 - Gravity/Magetic Data Processing in IBM 3083, 02years

- Got project from Northern Sector (Presently Frontier Basin) of ONGC to compile Gravity/ Magnetic data acquired by ONGC with different investigations (App 20000 stations) from Paonta, UK, India to Poonch, HP, India,
- Field raw data of Gravity Anomaly were taken, and Bouguer Anomaly & Terrain Corrections were recalculated using Nattelton's Method for choosing best possible density. The entire jobs were done by first digitizing the hard copy of station location maps to get Easting/ Northing and then using FORTRAN-IV & Contour Plotting System of CGG in IBM 3083 system of GEOPIC, Dehradun. Recalculation was not done for compiling Magnetic data.

1d. From 10/1992 to 06/1994 - **SDA** (Dehradun):

- Worked in Sitapur, UP and Mandi, HP, India for 2D Seismic Data Acquisition using DFS-V instrument,
- Attended all major jobs related to above and mentioned in '1a' above.

2. Seismic Data Processing, Experience 09 years

- Mainly did 2D Seismic Data Processing/ Reprocessing (upto Migration) in IBM 3083 from 06/1994 to 2001,
- Last three years upto 05/2003, associated with Seismic Data Management/ Archival group of GEOPIC, ONGC, Dehradun.

3. Seismic Data Acquisition from 05/03 to 06/2006 (Assam):

- Worked in Silcher and Nazira, Assam, India for 3D Seismic Data Acquisition using Sercel's UL-408 Instrument, used Laser Link system to acquire data over 150 mt width Barak River in Silcher.
- Acquired Uphole data using Sumit system, calculated Optimum Depth (OD) and prepared OD Chart for 3D swaths & Static Corrections for SPS/ processing.
- Prepared SPS and data sheet for data submission to RCC,
- Used GEOLAND software for seismic data acquisition, planning and thereafter advance recovery panning (seeing from Google Map also). Used the same software to load raw SPS in UL-408 to shoot in 'Generic' mode. Also used the 'Absolute' mode of shooting,
- Attended Geophone/ Cable repairing,
- Attended for 3D Seismic Data Processing in Field Processing Unit (SEISUP software) for quality check upto Bruit Stack,
- Prepared Near Surface Models (Showing different velocity layers) along receiver lines and salvo lines using 'Surfer' software and Excel sheet. Posting of Uphole,

Elevation, OD & Drilled Depth (DD) was also done. This was done for quality purpose during acquisition,

- Used to go for checking proper geophone plantation and with explosive loading/ Shooting crew for quality check.

4. Seismic Data Acquisition from 06/2006 to 10/2009 (Gujarat):

- Acquired 3D/ 2D High Resolution Seismic Data in Kosamba using UL-408 & SN-388 instrument and 3D data in Nadiyad, India using UL-408,
- Attended all the jobs mentioned in point '3' above.

5. Uphole Atlas Preperation from 10/2009 to 10/2010 (Gujarat):

- Project was given to prepare Uphole Atlas for three blocks of WON, ONGC, Gujarat
- Uniform Uphole Plots (with Pulse plot, Uphole Location map, and all related details), Near surface Models and elevation Maps were prepared for three blocks from non-uniform plots/ maps. Velocity and Layer Thickness for first two layers were also generated from the prepared data base.

6. Worked for Vertical Seismic Profile (VSP) data acquisition from 10/2010 to 05/2012.

7. G&G Interpretation:

From 06/2012 onwards, I worked on G&G data interpretation in Seiswork (Land Mark) & Petrel software for Western Onshore Basin of ONGC and presently heading Mahanadi, Bengal and Andaman Group in KDMIPE, ONGC, Dehradun for G&G interpretation.

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