



**STATEMENT SHOWING XRD STUDIES CARRIED OUT BY MECL IN ANVARAPAT BLOCK,
DISTRICT - LOHARDAGA, JHARKHAND**

Sl. No.	Sample Name	Major ($\geq 5\%$)	Minor ($\leq 5\%$ to $\geq 1\%$)	Trace, Faint Trace ($\leq 1\%$)
1	MAPC/XRD-01	Gibbsite, Hematite	Anatase	Goethite, Ilmenite, Pyrite, Rutile
2	MAPC/XRD-02	Gibbsite, Hematite	Goethite, Magnetite, Anatase, Ilmenite	Mica, Rutile
3	MAPC/XRD-03	Gibbsite, Hematite	Anatase, Goethite, Ilmenite	Boehmite, Rutile, Phlogopite,
4	MAPC/XRD-04	Gibbsite, Hematite	Goethite, Anatase	Laumontite, Ilmenite
5	MAPC/XRD-05	Gibbsite, Hematite, Goethite	Sodalite, Magnesite, Anatase	Ilmenite, Biotite, Rutile, Magnetite
Note: Only crystalline phases of the samples are recorded. Amorphous phases are out of the scope of XRD and hence excluded.				