

## **Acceptance of Ore Audit Technologies (OAT) by education**

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Still nowadays, "concentration" ideology and the JORC oriented expert's assessments based on it are being used in exploration and mining for the ore prospecting, recourse assessment, beneficiation scheme development and processing control of gold ores. Concentration-oriented ideology allows only qualitative expert assessments of recourses and ore properties. According to the present extensive experience of operation of planned and opened gold mines, this expert's assessment level does not provide objective data not about the resources, nor about the recovery of ore components.

As the alternative, new approbated Ore Audit Technologies (OAT) are being used nowadays. OAT are built on reliable metrological base, which is specific for each of the ore object development stage (exploration, mining, ore processing and recovery control). Usage of OAT on each of the stage provides the objective data for productive and administrative decisions making. This data, in difference to the expert assessments, are the results of correct measurements of exactly that information of ore properties, from which the final recovery coefficient and real ore object price are objectively depend.

Such OAT concept is coming up instead of outdated concentration based one. The concept is quite new, so it is obvious that OAT specialists should transfer their knowledge in education institutes, which may insert the teaching of OAT in their education programs; like it did the Physical chemistry department of "LETI" Federal University (Russia) with the support of NATI Research OY (Finland) specialists included this new approach into education program of the University.