

3 Minutes of the Second Steering Committee Meeting
The Study on the Strategic Plan of Mineral Resources Development in the Islamic
Republic of Mauritania

1. Place, date, time

Office Mauritanien des Recherches Geologiques(OMRG),
Conference room,
June 16th , 2004 at 1:00-2:45 p.m.

2. Participants

(1) Mauritania side

OMRG

- . Djimera Oumar, Director General, Chairman of The Steering Committee Meeting
 - . Sidi Haiba Ould Teiss, Deputy Director General
- PRISM
- . Mohamed Yeslem Joud , Technical Advisor to the Director

DMG

- . Wane Ibrahima Lamine, Director/Excused

MMI

- . Dia Souleye Aly, Legal Advisor

(2)Japanese side

- . Yuji Nishikawa, Team Leader/Mineral Resources Evaluation
- . Richard T. Thompson, Promotion of Investment
- . Masaharu Marutani, Geology
- . Kazuki Shingu, Environmental Consideration
- . Kazushige Wada, GIS Database Design
- . Atsushi Ito, Japanese/French Translator
- . Toshio Inoue, Coordinator

3. Agenda

- (1)Chairman's greeting.....by Djimera
- (2)Report on current state of the Study of the Strategic Plan for the development of mineral resources in Mauritania.....by : Y. Nishikawa
- (3)Current situation of analyses of the results of works of the first stage of

geological investigation.....by : M. Marutani

(4)Orientation and suggestion for the realization of the Strategic Plan for the development of mineral resources..... by : Y. Nishikawa

(5)Discussion on item # 4 above

(6)Future program

(7)Miscellaneous

4. Main Points of the Agenda

(1) Chairman greeting.....by Djimera

- Survey team has started as planned to study the Strategic Plan for the development of mineral resources . Today , the draft of the preliminary items to be studied should be discussed and it should , further , be decided upon the course/direction of the Plan .
- Should some problems occur in the process of the realization of this study, either OMRG , DMG , MMI , PRISM or all of them together , will resolutely solve the problem as required .

(2) Report on the state of the Study of the Strategic Plan for the development of mineral resources.....by Nishikawa

- Grasping of recent status of mining has been done on the first and second surveys . Also , supplemental geologic ground truth work was carried out on 06 (six) deposits .
- On the site survey , Strategic Plan for the Development of mineral resources has been carried out on the preliminary items based on recent status of mining as grasped. On supplemental site geological survey , analysis are presently under way .

(3) Report on the Supplemental site geological survey.....by Marutani

- Compiling data of the first geological survey for the 06 (six) deposits has been carried out . Chemical data and dating data for analysis have been gathered . Microscopic observation is under way .
- So far , topics developed according to compiled data : gold concentration was confirmed in fractured zones of the BIF (Banded Iron Formation) , namely this has been the case in the Southern part of Tasiast . Mechanism of concentration will be studied based on gathered data .

(4) Preliminary elements of the Strategic Plan for the development of mineral

resources.....by Nishikawa

- The course of the Strategic Plan should be set up in 03 (three) stages and be studied . Each stage is conceived for a period of 05 (five) years . Exploration and development target is gold in the first stage ; basic metals in the second stage and other metals in the third stage .
- Items for the Strategic Plan for the development of mineral resources are listed up and already proposed discussion for these items has started together with the organization related to mining .
- Outline of the Investment room is proposed as idea to PRISM . Role of the JICA team in this matter is to support PRISM II Program .
- Items of the " General Contents in the planned OMRG web site have been listed up . Discussion with mining organizations has started in order to avoid any overlap with PRISM .

(5) Discussion

- Supplemental site geological survey for existing deposits has a role of constructing a model based on gathered data on many points of views . However , in this process , undertaken studies may lead to the identification of totally new deposit.
- Some measures for the Strategic Plan for the development of mineral resources should be considered as mining role .
- Bir Moghrein has been , sofar , surveyed by many geologists of different nationalities . Surveys undertaken by JICA team are needed in order to study existing data for modeling . The model of this deposit will , in fact , become typical example of mineralization . As a result , it is better to include an Investment Guide Book .
- Each item proposed for the Strategic Plan for the development of mineral resources is to be perceived as needed for more discussion meant to acquire better understanding of facts in dealing with one another : JICA , OMRG , DMG , MMI, and PRISM .
- Action Program should be discussed for its possibility of realization and/or with regard to its priority .

(6) Conclusion

- Indicated tracking course of the Strategic Plan for the development of mineral resources and proposed items by Survey team have been confirmed by the Steering Committee . From now on , they need to be studied , concretely , based on discussion with OMRG , DMG , MMI and PRISM .

- The Steering Committee understood and approved the draft of the Investment Promotion Room proposed by the JICA team . Thus , JICA team should discuss with PRISM for the realization of this room
- The General Contents in the planned OMRG Web Site represent the starting point of the implementation program for the realization of the Web Site . As starting point , this is needed in order to avoid overlap of the content on Web Site through discussion with other organizations .
- Steering Committee decided to consider that JICA team proposed items , preliminary study contents of the Strategic Plan for the development of mineral resources are well on the track and keeping course of the Strategic Plan for the development of mineral study as initially drafted by the Steering Committee .

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Date : *Jun 21 2004*

JICA Mission of the Study on the
Strategic Plan for the Development of
Mineral Resources in the Islamic
Republic of Mauritania

Chairman of the Steering Committee

Yuji Nishikawa

Yuji Nishikawa

Djimera Oumar

Djimera Oumar.

4 Minutes of the Third Steering Committee Meeting
The Study on the Strategic Plan of Mineral Resources Development in the Islamic
Republic of Mauritania

6. Place, date, time

Office Mauritanien de Recherches Geologiques(OMRG),
Conference room,

C. October 20th, 2004 at 10:30-11:45 p.m.

D. October 27th, 2004 at 11:00-12:30 p.m

7. Participants

(1) Mauritania side

OMRG

- . Djimera Oumar, Director General, Chairman of The Steering Committee Meeting

PRISM

- . Samory Ould Soueidat,, Director

DMG

- . Wane Ibrahima Lamine, Director
- . Khattar Ould Khabath, SAE

MMI

- . Dia Souleye Aly, Technical Advisor

(2)Japanese side

- . Yuji Nishikawa, Team Leader/Mineral Resources Evaluation
- . Richard T. Thompson, Promotion of Investment
- . Kazuki Shingu, Environmental Consideration
- . Kazushige Wada, GIS Database Design
- . Atsushi Ito, Japanese/French Translator
- . Kenichi Shibata, Remote sensing

8. Agenda

- (1) Chairman's greeting.....by Djimera
- (2) Outline of progress Report by : Y. Nishikawa
- (3) Discussion

9. Content of Discussion

- (A) Greeting by the Chairman
- (B) Main Points of the Agenda

(1) Chairman greeting.....by: Ou. Djimera

- OMRG has received the Progress Report (PR) realized by JICA survey team as expected.
- Each member of the Steering Committee needed additional time to thoroughly study the PR in order to provide some comments as appropriate.

(2) Explanation of the outline of the PR.....by: Y.Nishikawa

- Survey on recent conditions of environmental climate has been carried out. Also, the study of mineral resources potentialities through the Supplemental Geological Survey has been progressing as expected.
- Framework and cost of the Strategic Development Plan has been concretized. Likewise, concretized study of content of the Strategic Development Plan shall be carried out based on the PR.

(2) Conclusion

- The Mauritania side emphasized their need to have, preferably, the French version of the PR.
- Steering Committee will, therefore, discuss the content of the PR based on each member's comments by holding a Steering Committee follow-up meeting on October the 27th, 2004.

(B) October, the 27th 2004

(3) Greeting by the Chairman.....by: Ou. Djimera

- If there are some points of the PR requiring improvement, it is necessary to proceed so on the ground of each member's comments.

(2) Comments on PR by each member

- Recent position of the Project being carried out needs to be clearly expressed in the PR; thus, targets have to be stated properly and relation between the latter and each item should be concretized appropriately.
- Almost all targets of the Supplementary Geological Survey are found in the Mauritanides Chain. Targets and or manifestations in the Taoudeni Basin are neither signaled nor included. Should there satellite imageries be available; it would be appropriate to study this area mineral resources potentialities.
- There are some descriptions of infrastructures related to mining industry and their importance is appropriately indicated with regard to the mineral resources potential areas. However, it is necessary to differentiate these from the construction plan of infrastructure conceived by the Ministry of Equipment (ME). In the Study of the Strategic Plan for the Development of Mineral Resources, the plan of infrastructure laid down from the point of view of the MMI is a necessity in order to avoid any overlap with ME own plan.
- It is better to provide budgetary indication concerning each measure of the Action Program (AP) in the Strategic Development Plan.
- As conceived and being implemented, the JICA Project has a supplemental relation with the PRISM Project. Put differently, this project is carrying out objectives which PRISM cannot implement.
- Some points of the descriptions provided in the PR need some improvements as follows:
 - (i) Geological maps bought from PRISM are paid at symbolic prices only.
 - (ii) Locality and part of description of Tiris is unclear on the geological map. It is preferable to specify the geographical place with parentheses where indices are found in Tiris area
 - (iii) On the provided description of mining industry : Chapter #9.I.3.2, problems of poverty are described as being linked with mining industry. This articulation needs to be arranged.
- Protection of the environment is important in order to promote mining industry. There is a necessity to ensure that in the future standards of the environmental regulations are appropriately initiated. Along these lines, it is better that the case of environmental standards of Japan is described.
- Support of institutional reinforcement of OMRG is needed regarding equipment, machinery, 4 wheels vehicles, appropriate installations etc.. Presently, OMRG is being forced to go abroad, to neighboring countries to rely on rental of equipment in order to implement a project.
- Training of human resources is critically important. In that regard, should it be desirable for MMI, it could decide to send its staff to the JICA's Group Training

Program.

- PR is fine. Recent conditions of Mining Industry is well described. Cause and framework of the Strategic Development Plan of PR are acceptable for and by the Steering committee.

(4) Comments by JICA's Study Team Leader

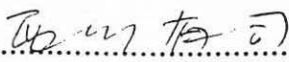
- JICA team will improve accordingly the PR and proceed with the necessary rectifications of the itemized points as pointed out by steering committee's members .
- Already, JICA team had started to study concretely appropriate measures required to shape the Strategic Development Plan, for example:
 - training program of human resources is being studied with emphasis being put on the practical way this can be undertaken based on recently found conditions.
- Materialization of Action Program is important. It is,thus, necessary to have a support from donors countries such as EU, EU-SISMIN etc...

10. Conclusion

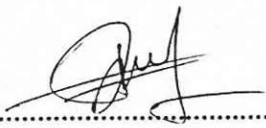
There is no problem concerning the content of PR except for comments as pointed out above. JICA Survey Team should persevere on the path consisting of developing the Strategic Development Plan based on this Progress Report.

Date : 28 Oct. 2004

JICA Mission of the Study on the
Strategic Plan for the Development of
Mineral Resources in the Islamic
Republic of Mauritania


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Yuji Nishikawa

Chairman of the Steering Committee


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Djimera Oumar