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Provisional agenda item 4

REPORT ON THE CARTOGRAPHIC ACTIVITIES IN
THE GEOLOGICAL SURVEY OF ETHIOPIA*

Submitted by The Imperial Ethiopian Government

The Geological Survey of Ethiopia was set up in November 1968 under the Ministry of Mines. The technical functions and general policies of the Geological Survey was "to survey and map geologically the whole of the Empire and to undertake exploration and to publish regional geological maps and reports, maps and reports on detailed investigations of mineral occurrences". Geological maps like topographic maps, have multiple uses. Not only do they form the basis for geological mapping, but they are necessary in building and construction and for the use of agronomists, foresters, urban planners, conservationists and other specialists concerned with environmental control. With this object in mind a start was made by the Ministry to set up a Cartographic Section.

Prior to 1968: the Section was run by five draftsmen who were only undertaking routine tracing jobs, equipment was limited, both in modern equipment and drafting materials. The draftsmen were given some basic training in elementary cartography and photogrammetry at the Mapping and Geography Institute. No proper record of maps or filing system existed, but some large volume of work was done.

Creation of the geological survey in November 1968. Through the United States Agency for International Development a Cartographer from the United States Geological Survey was seconded in December 1968 for a period of 18 months to set up a Cartographic Section together with the appointment of an experienced Chief Cartographer by the Ministry of Mines in early February 1969. The task for these two was formidable. Through the aid of the United Nations Development Programme in Ethiopia (United Nations Mineral Survey in Two Selected Areas) with equipment and modern materials donated by the United States

* By the Geological Survey of Ethiopia.

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1. The first part of the report deals with the general situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

2. The second part of the report deals with the economic situation of the country. It is a very detailed and thorough analysis of the economic conditions and the measures taken to improve them.

3. The third part of the report deals with the social situation of the country. It is a very comprehensive and up-to-date survey of the social conditions and the efforts to improve them.

4. The fourth part of the report deals with the cultural situation of the country. It is a very interesting and enlightening study of the cultural life and the efforts to promote it.








5. The fifth part of the report deals with the political situation of the country. It is a very clear and concise analysis of the political conditions and the efforts to improve them.

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Figure 1.

GEOLOGICAL SURVEY OF ETHIOPIA GEOLOGICAL MAPPING PROGRAMME 1972-74

REFERENCE

-  Published Sheet
-  Completed by Geological Survey U.N Mineral Survey and Leeds University
-  Regional mapping programme for 1973-74
-  Regional mapping programme 1972-73
-  Regional Hydrogeology Survey
-  Omo River Survey (Canadian International Development Agency)
-  Proposed Japanese Technical Aid

PUBLICATION STAGE

1. Geological Map of Ethiopia 1:2,000,000
2. Tectonic Map of Ethiopia 1:2,000,000
3. Sheet ND 37-7 Dolloi 1:250,000 geological series
4. Sheet ND 37-8 Aksum 1:250,000 geological series
5. Sheet ND 37-10 Ras Dashan 1:250,000 geological series

PREPARATION

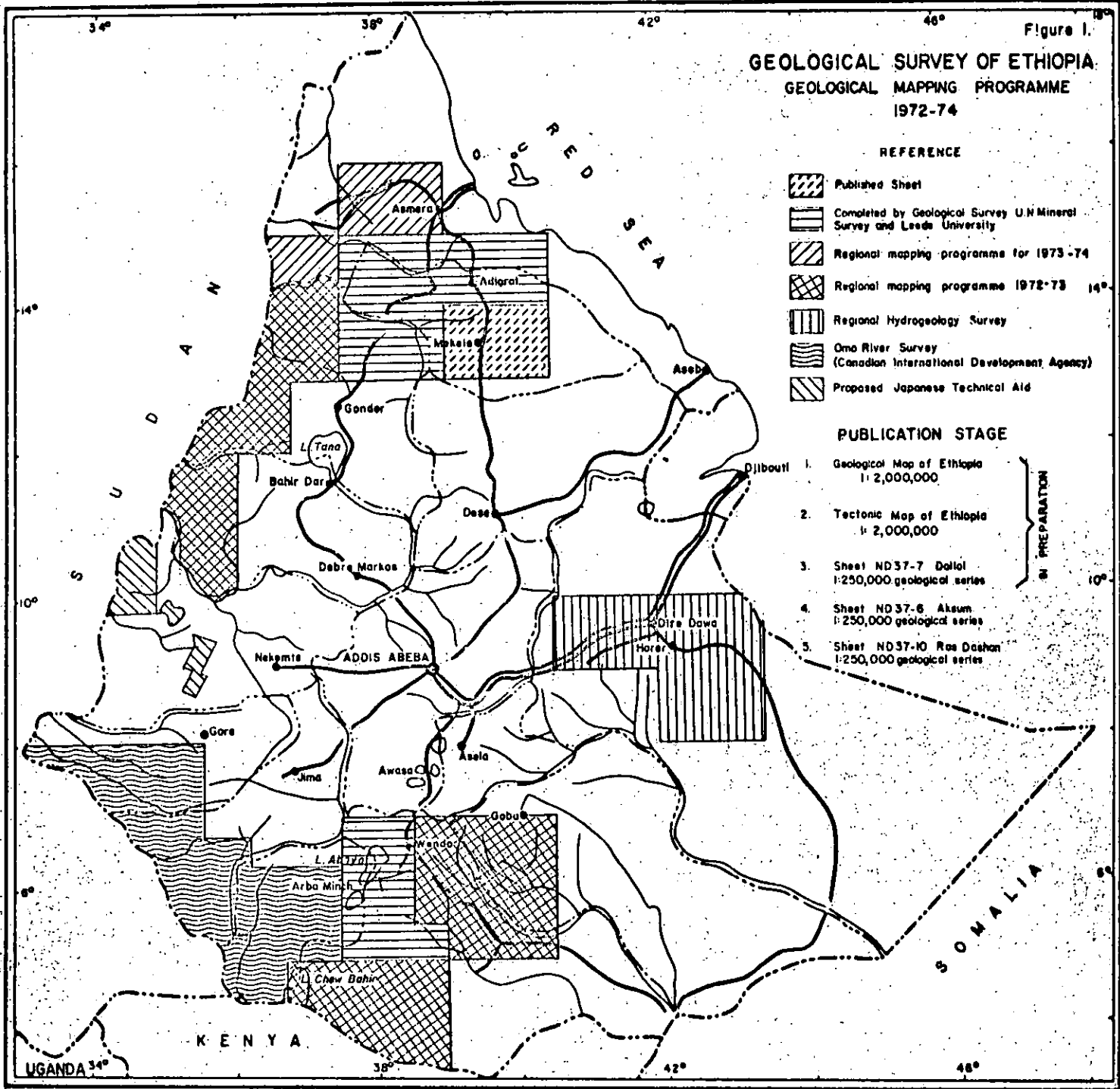




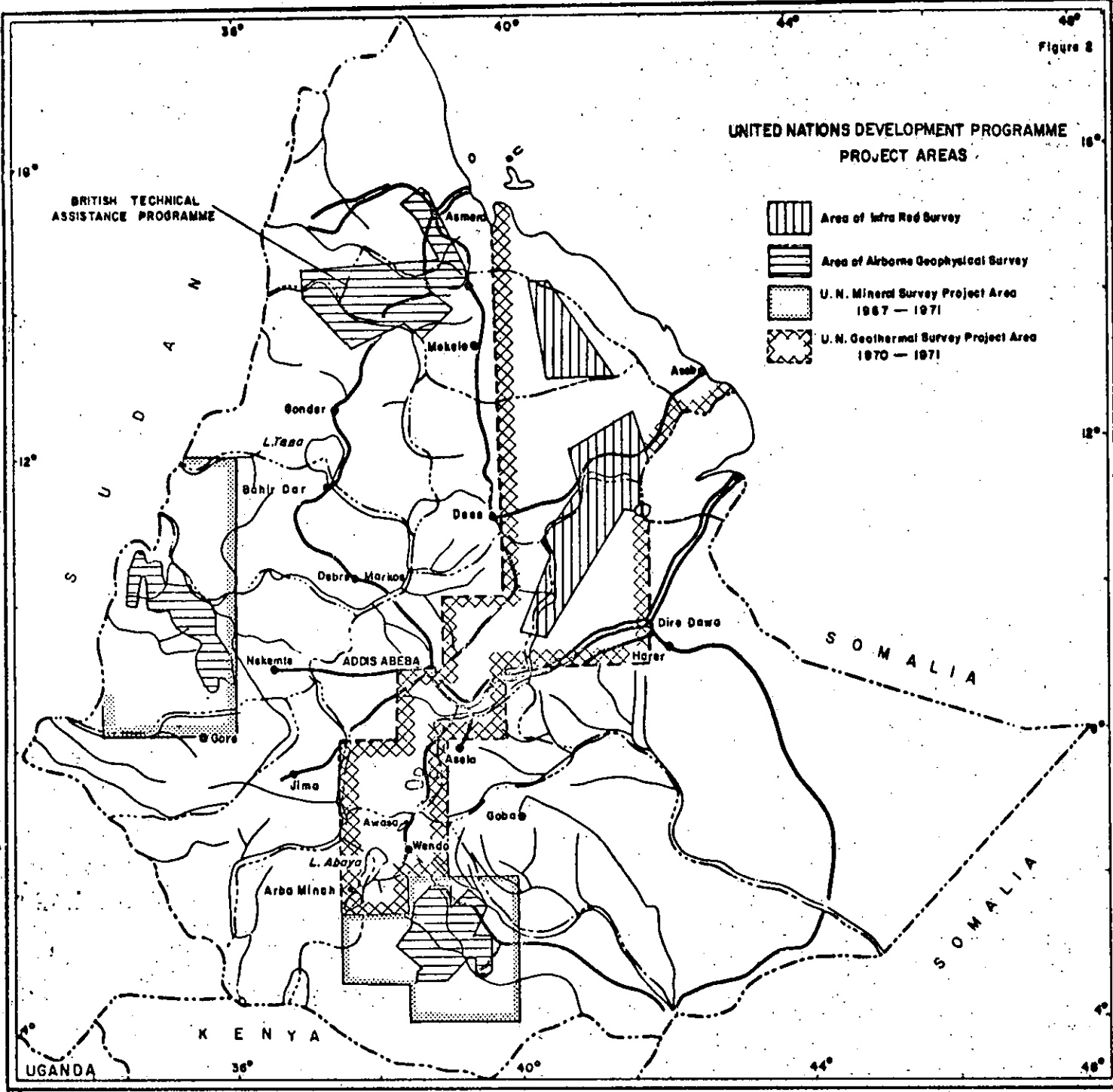


Figure 2

UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT AREAS

-  Area of Infra Red Survey
-  Area of Airborne Geophysical Survey
-  U. N. Mineral Survey Project Area 1967 - 1971
-  U. N. Geothermal Survey Project Area 1970 - 1971



BRITISH TECHNICAL ASSISTANCE PROGRAMME

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S O M A L I A

S O M A L I A

K E N Y A

U G A N D A