

COMMERCIAL IN CONFIDENCE

PRO 2(1/92)

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Please return to above address within two months of project completion.

RESEARCH AND DEVELOPMENT

FINAL PROJECT REPORT

FOR COMPLETION BY THE CONTRACTOR

1. (a) MAFF Project Code

LE0307/NT0902 (SSLRC Project No 83/3811)

(b) MAFF Project Title

Digitise EC Soil Map

(c) Contractor Organisation:

Cranfield University, Soil Survey and Land Research Centre

(d) Project Leader

R J A Jones

2. Please summarise below in layman's terms, the results of this project:

At the end of the project last year, the digital version of the EC Soil Map was loaded into a UNIX workstation (DEC3100) for processing with the APIC GIS. Despite several attempts, it has still not been possible to process the data and no further information is being released for this version of the map (version 1.0). This is because the polygons on this version of the map are in the process of being updated by each member state of the EC under a programme organised by the Soils and GIS Support Group of the MARS Project, Joint Research Centre, Ispra (I).

Following a meeting with the Project Officer (Dr K Riggs), it was decided that no further attempts to process the existing digital version of the EC Soil Map and that the remaining effort under this project should be expended on the manual revision of the soil map units for England and Wales. The Soil and GIS Support Group has set up procedures for accepting changes to the map and have been contracted by the EC to digitise any changes, expand the legend and issue a new digital version of the map (version 3.0).

The soil contents of all map units within England and Wales have been systematically reassessed, based on the National Soil Map and other recent surveys. The changes required have been recorded for each map unit to include content and location. A map has been annotated to include the polygons to be re-labelled and linework to be redigitised. Many

changes were required to produce a reasonable map based on our current knowledge and these have been passed to INRA France where processing of the changes has been completed.

A start has been made on completing the semantic corrections.

3. (a) Were the scientific objectives as set out in ROAME B? NO

If no please give date when amended in agreement with MAFF Project Officer
19/01/1994

(b) Have the current scientific objectives been achieved in full? YES

If **NO**, explain the reasons

4. Milestones.

Have the milestones been met: in full? NO
on time? NO

If you have answered **NO**, please give an explanation for each milestone that was not met or was late.

Work on redrawing and redefining the map units covering England and Wales has proved a major task which has outstripped the financial resources provided under this project.

5. Expenditure. In this annual reporting period, what was:

(a) the **approved** expenditure? £12000

(b) the **actual** expenditure?(to nearest £) £18940

(c) If the project is taking place under a Memorandum of Understanding does the variation in actual expenditure exceed delegated authorisations?[delete as appropriate] YES/NO

Please provide a brief explanation of any deviation (plus or minus) from approved expenditure of greater than 10%

The cost of revising the old EC map was far greater than the budget allowed for.

N.B. Any such variation must be notified to MAFF by informing to Branch B, Research Policy Co-ordination Division, MAFF.

If notification has already been made please give the date 06/04/95

6. For this project what was:

(a) The approved staff input (man years of scientific effort)? N/A

(b) The actual staff input (man years of scientific effort)? N/A

DECLARATION

I declare that the information I have given is, to the best of my knowledge and belief, correct.

Signature Date

NameR J A JONES
(BLOCK LETTERS) (Please also type the name of the person signing the form)

PositionHead, Computing & Information Systems, SSLRC