



MINISTÉRIO DA CIÊNCIA E TECNOLOGIA  
**INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS**

## **Introdução ao Geoprocessamento (SER-300)**

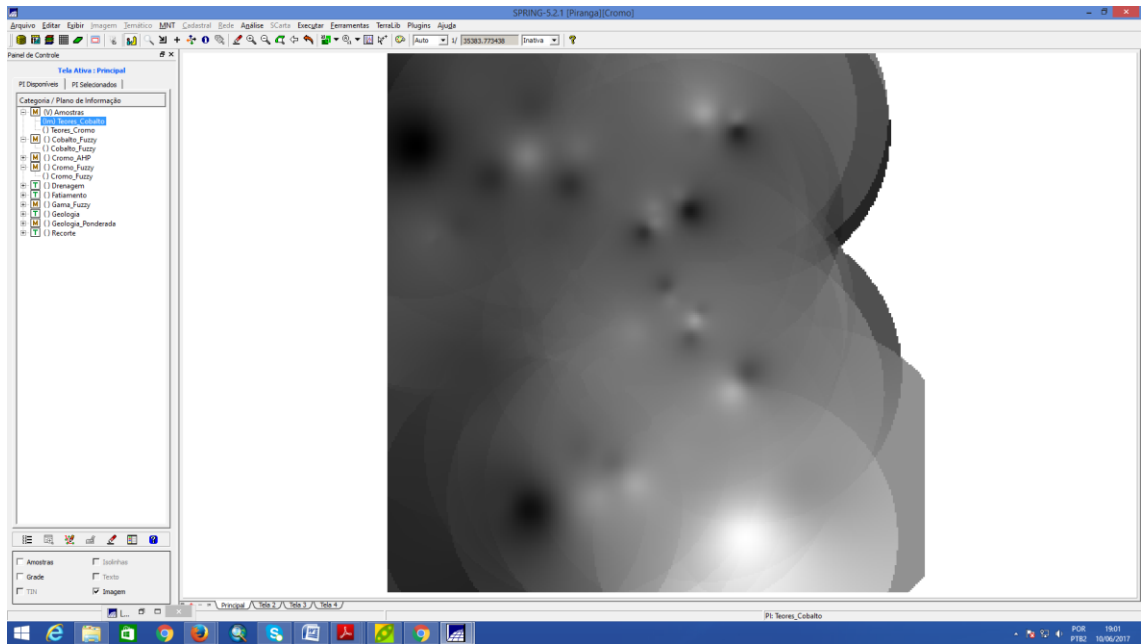
### **Laboratório 4 – LEGAL**

Rogério Flores Júnior

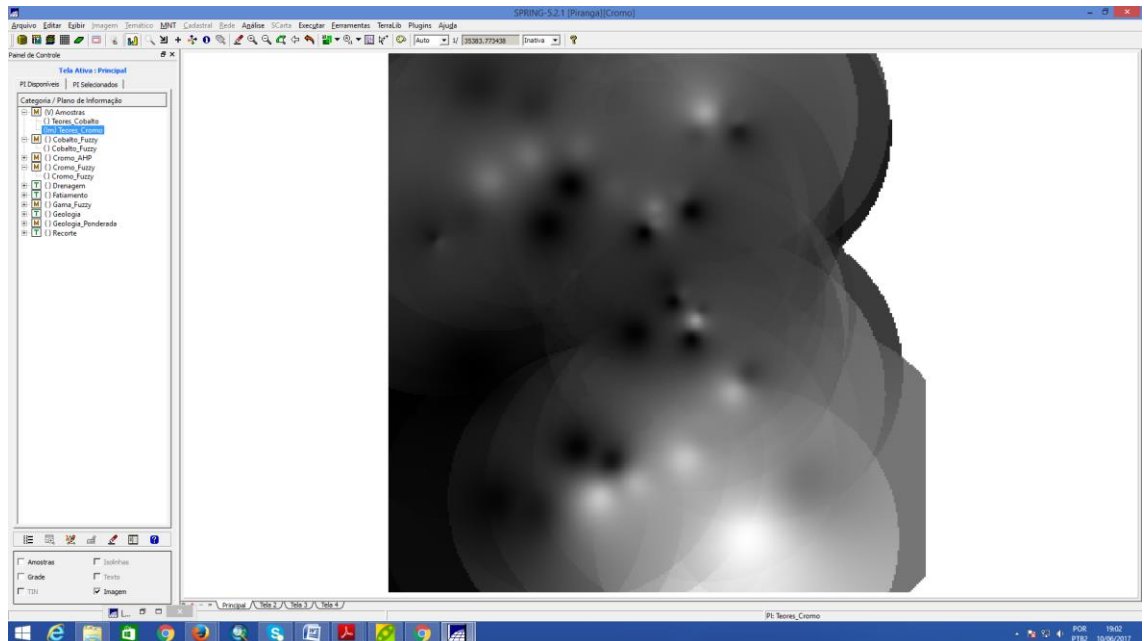
INPE  
São José dos Campos  
2017

## 1. Desenvolvimento

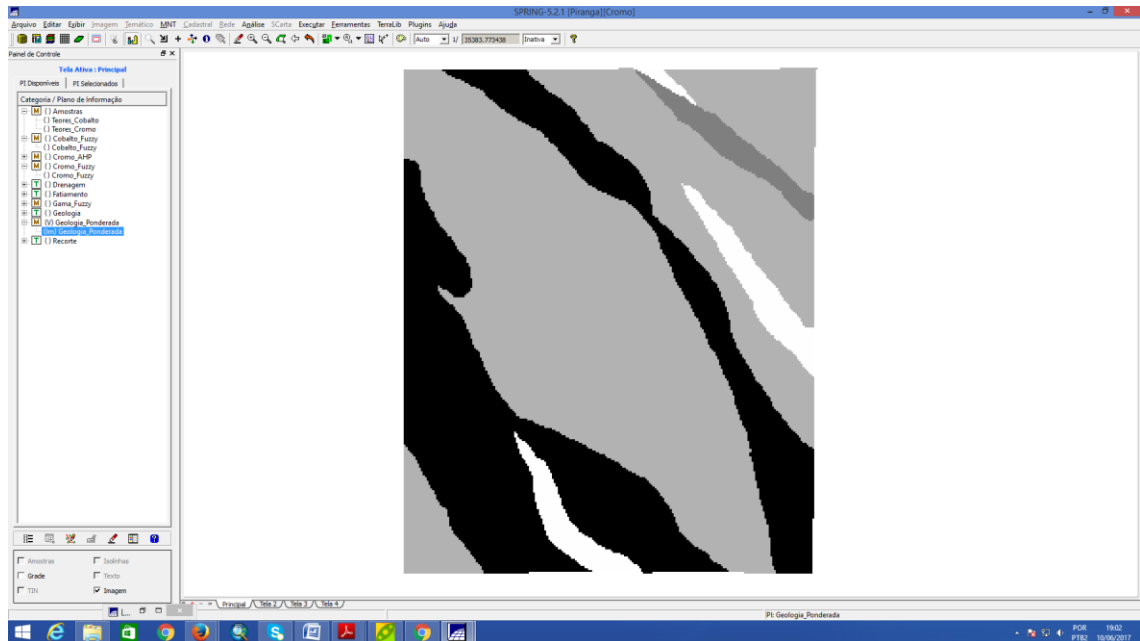
### 1.1. Passo 1 - Geração de Grade Regular para o PI: Teores\_Cromo



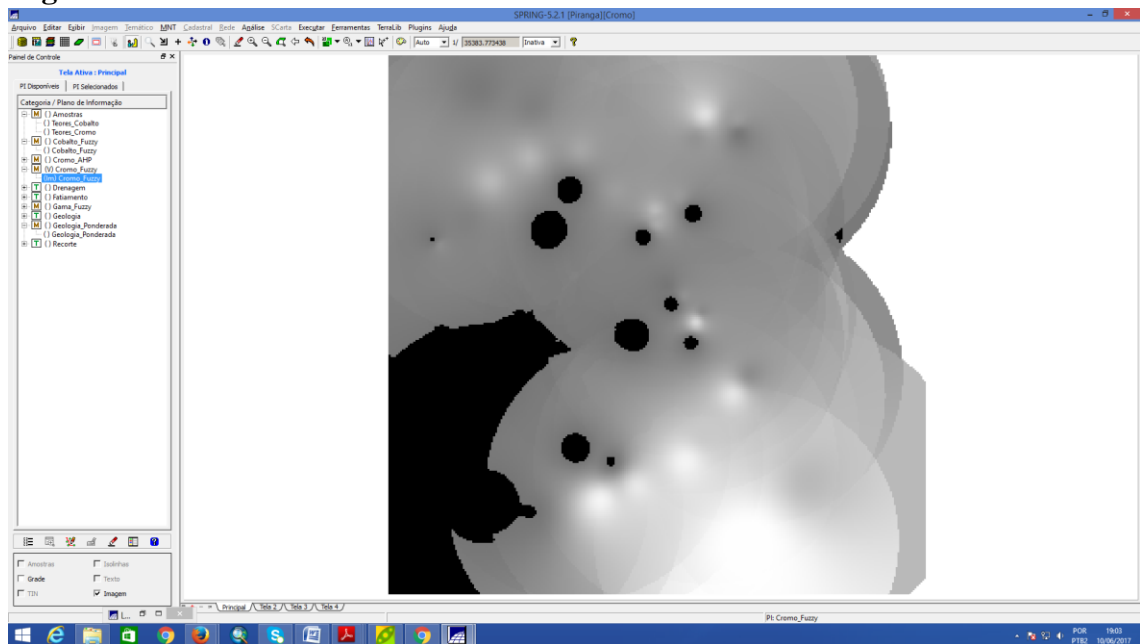
### 1.2. Passo 2 - Geração de Grade Regular para o PI: Teores\_Cobalto



### 1.3. Passo 3 - Gerar Mapa Ponderado da Geologia



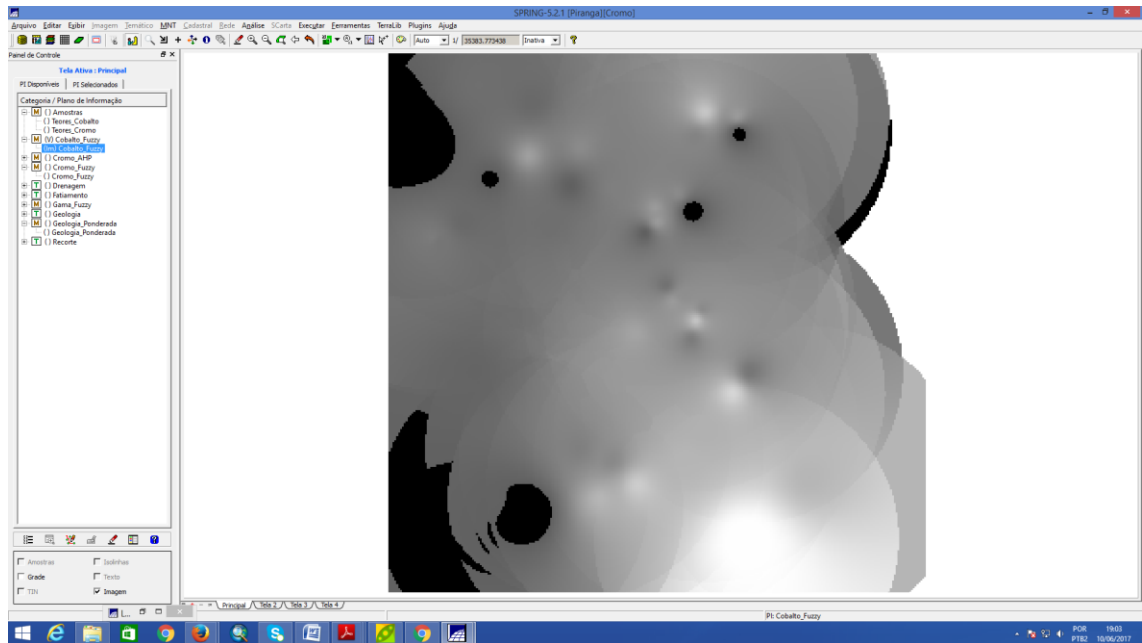
### 1.4. Passo 4 - Mapear a grade (representação) do PI Teores\_Cromo utilizando Fuzzy Logic.



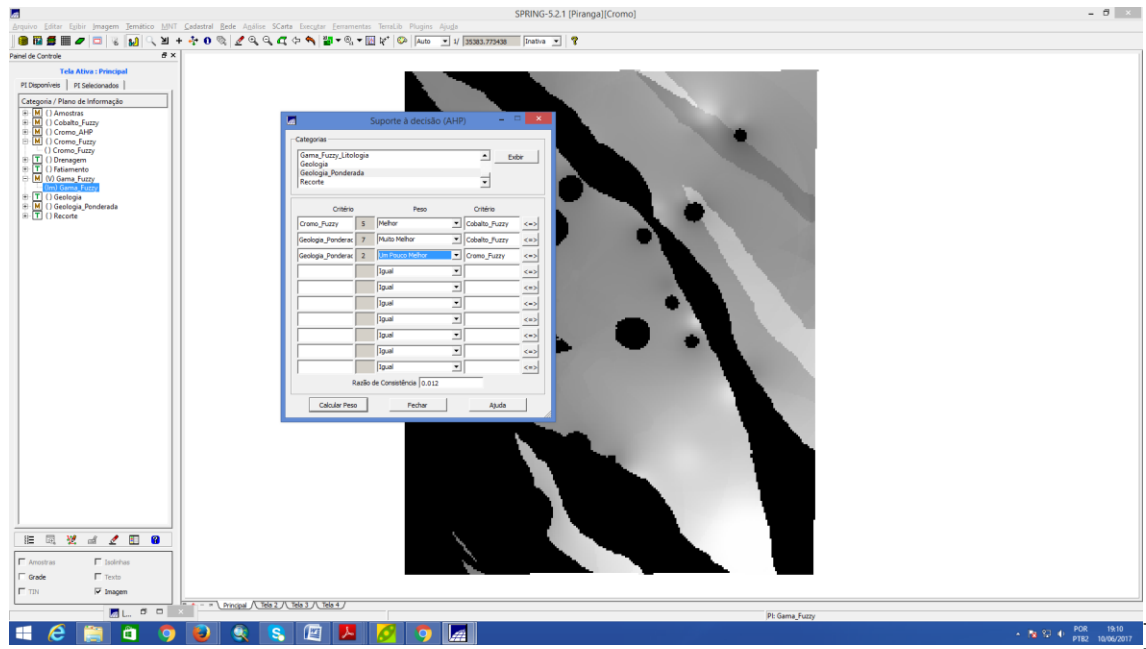
### 1.5. Passo 5 - Mapear a grade (representação) do PI Teores\_Cobalto utilizando Fuzzy Logic.



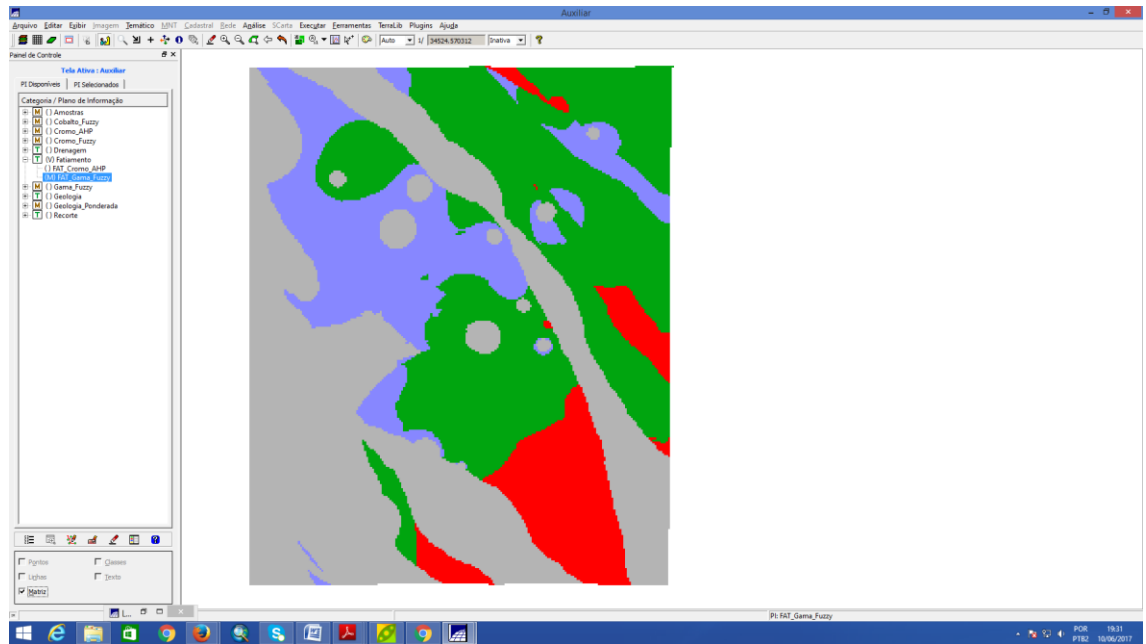
### 1.6. Passo 6 - Cruzar os PI's Cromo\_Fuzzy e Cobalto\_Fuzzy utilizando a função FuzzyGama.



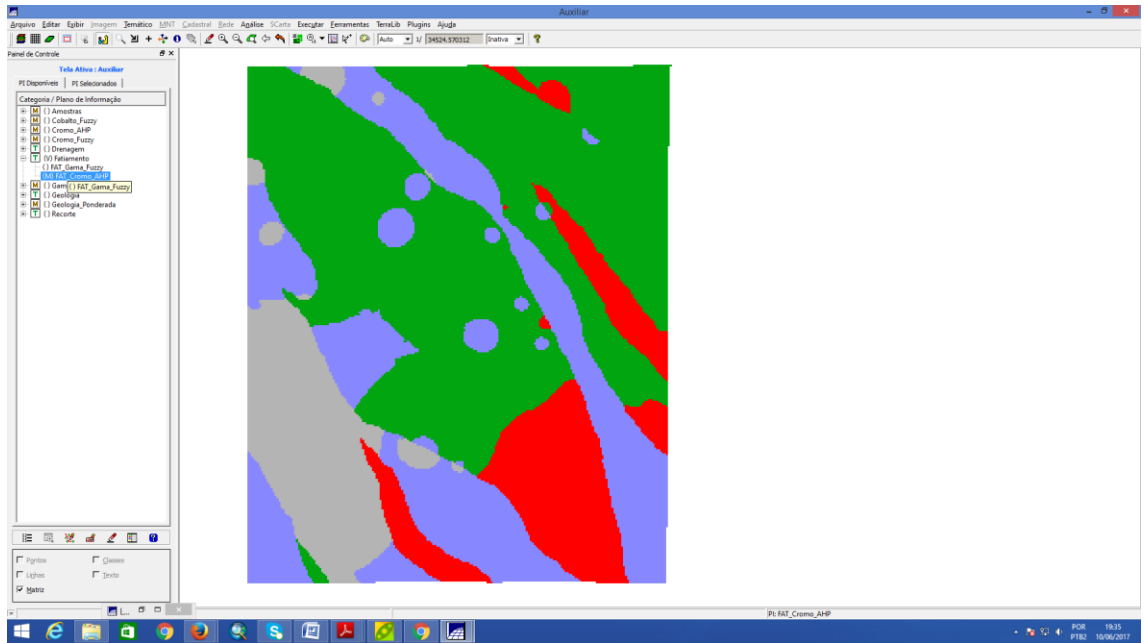
### 1.7. Passo 7 - Criar o PI Cromo\_AHP utilizando a técnica de suporte à decisão AHP.



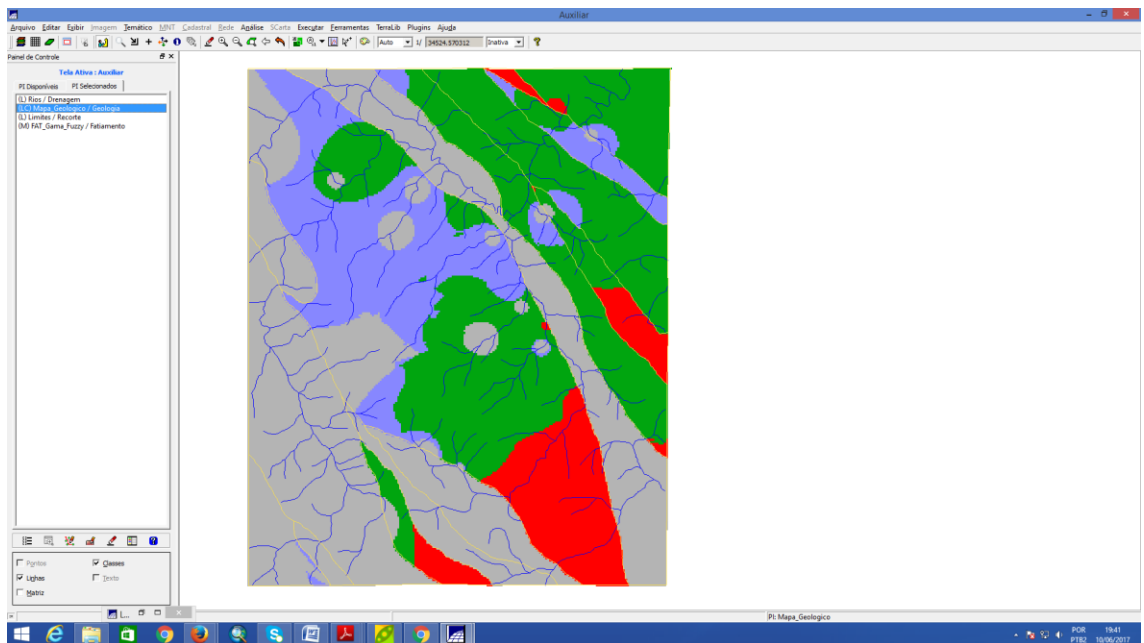
### 1.8.Passo 8 - Realizar o Fatiamento no Geo-Campo Gama\_Fuzzy.

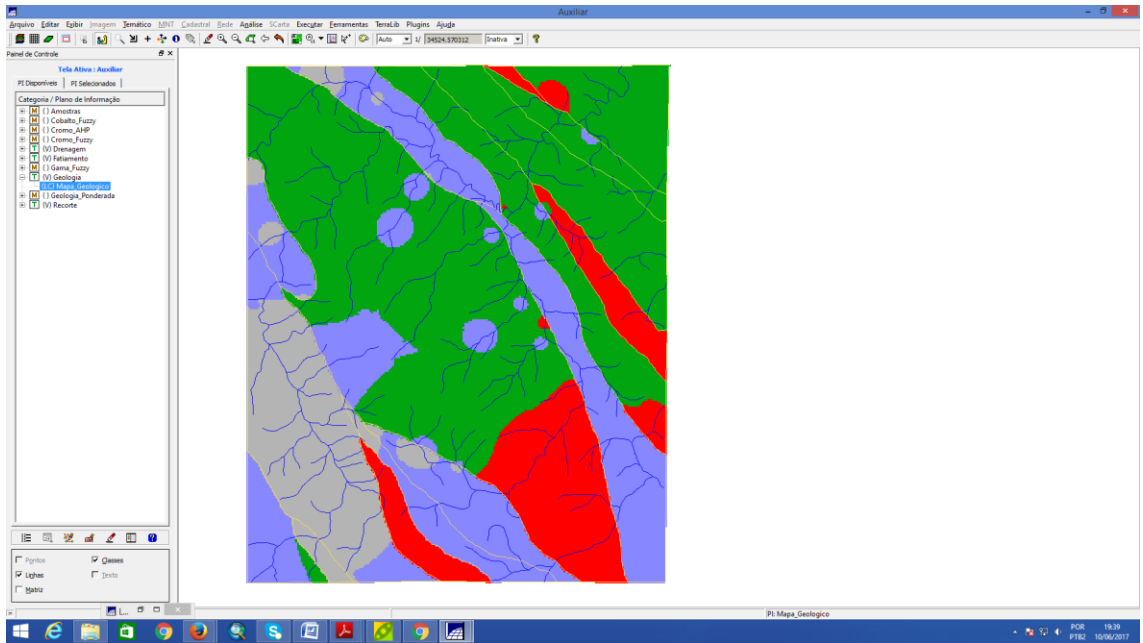


### 1.9.Passo 9 – Realizar o Fatiamento no Geo-Campo Cromo\_AHP.



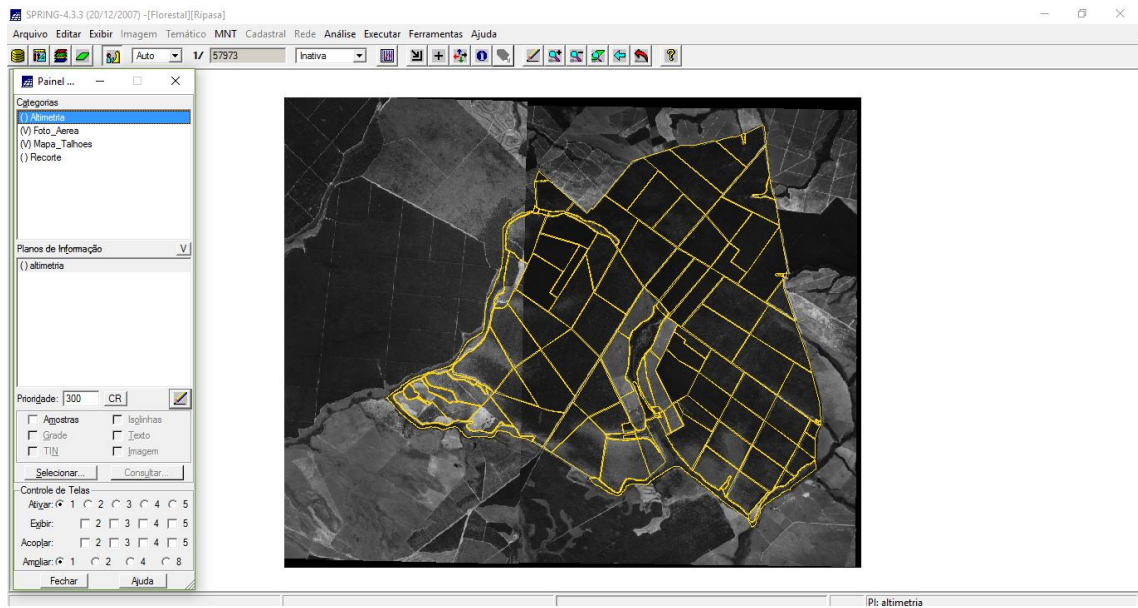
**1.10. Passo 10 – Apresentação e Análise os Mapas de Potencialidade de Cromo gerados pelas técnicas AHP e Fuzzy Gama**



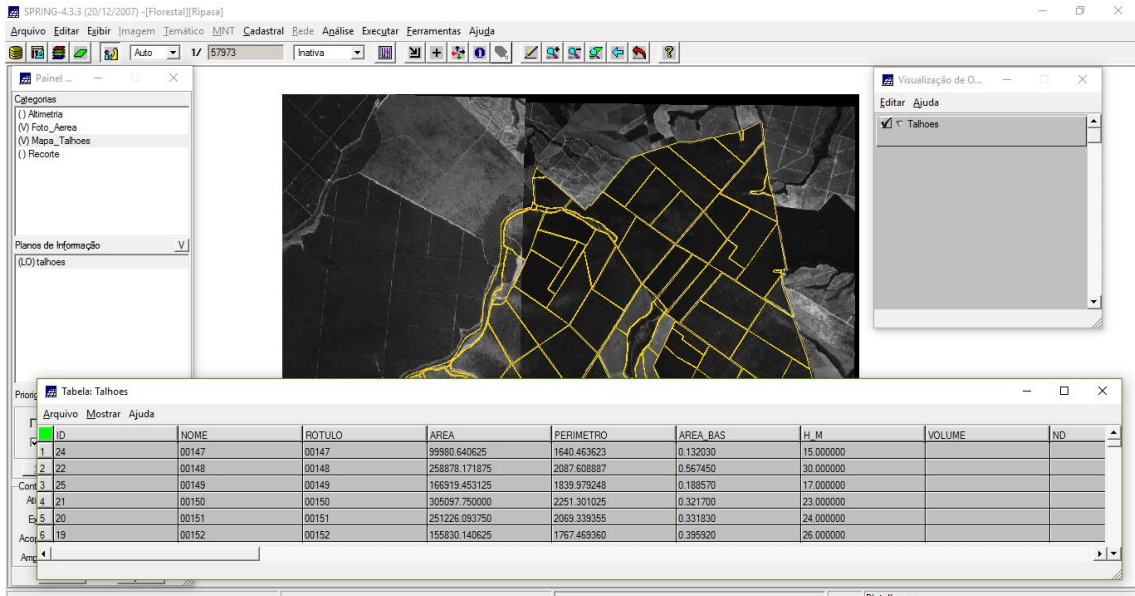


## Parte 2

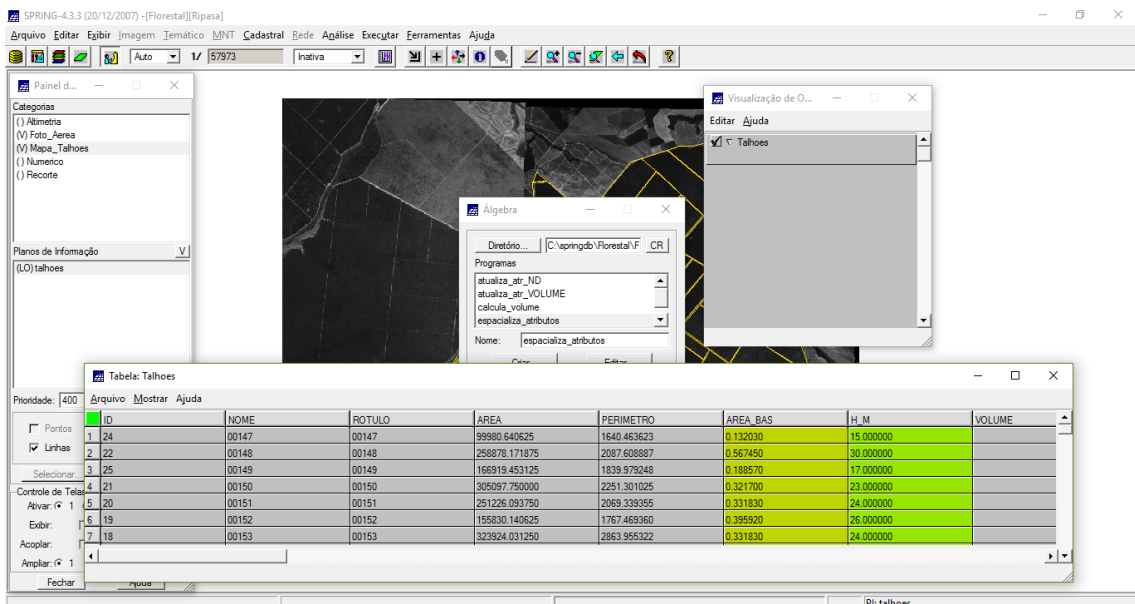
### 1.11. Passo 1 – Visualizando dados do Projeto RIPASA no Banco de dados FLORESTAL.



### 1.12. Passo 2 – Talhões – tabela de atributos – Volume ND.

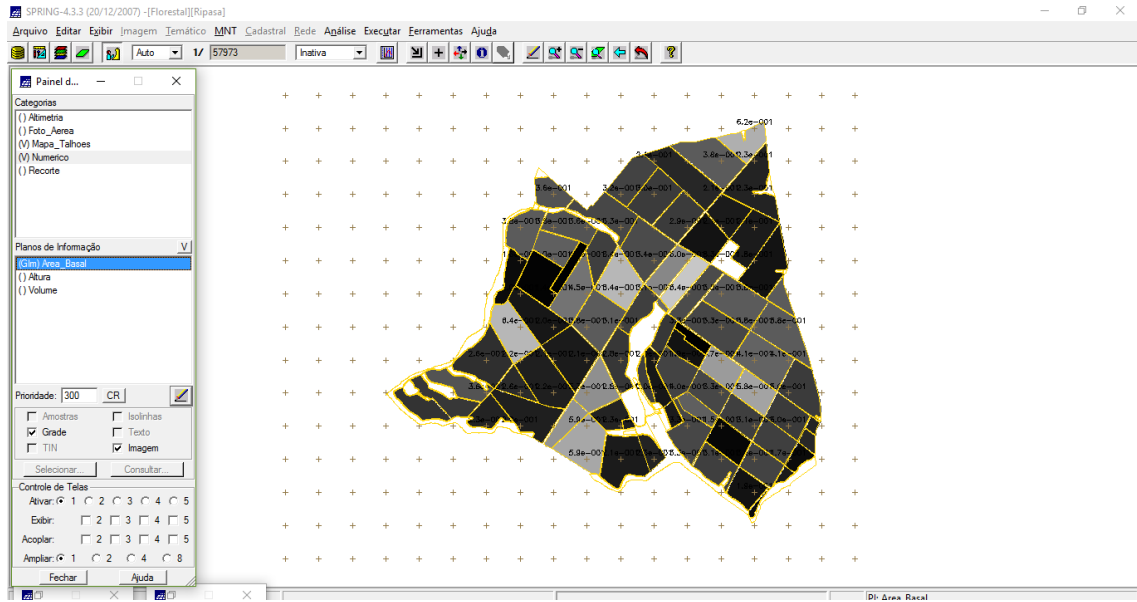


### 1.13. Passo 3 – Talhões – tabela de atributos – Volume ND.

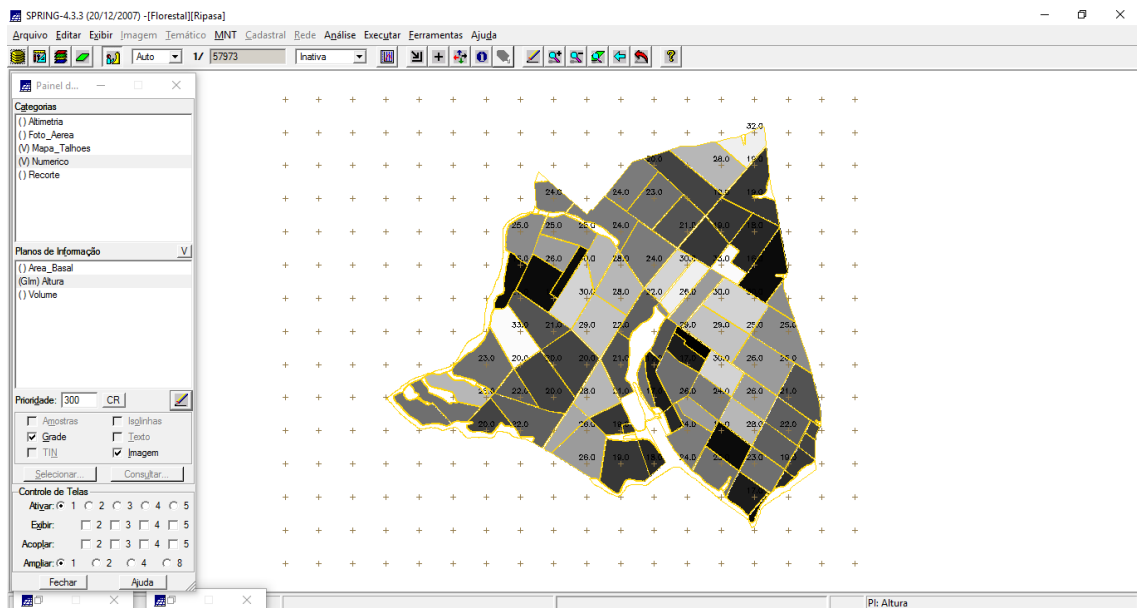


### 1.14. Passo 4 – Área Basal calculada a partir de programa LEGAL.

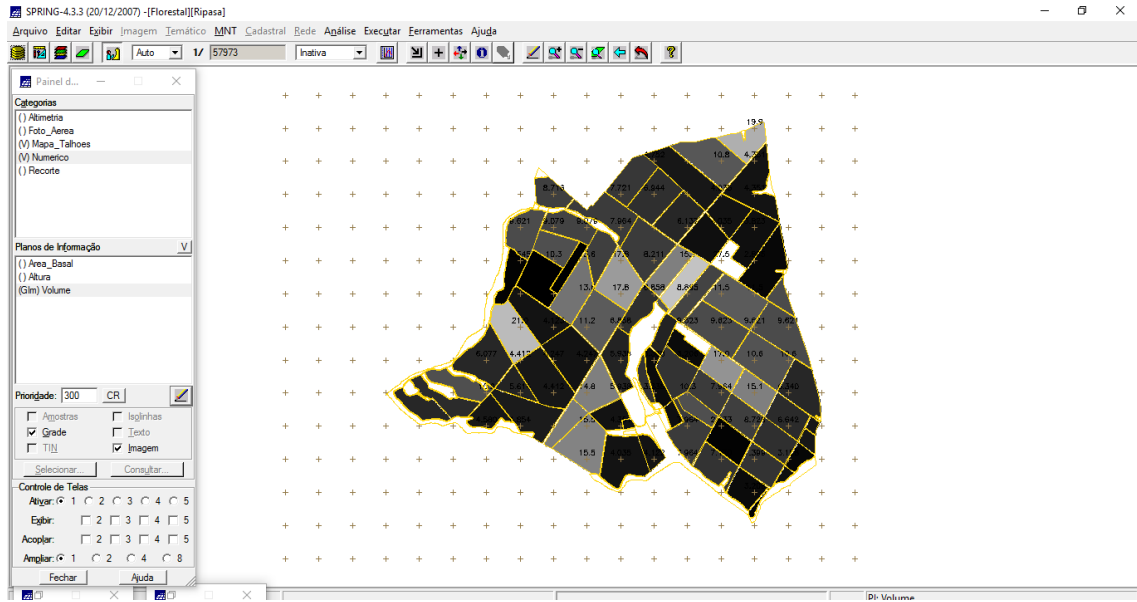




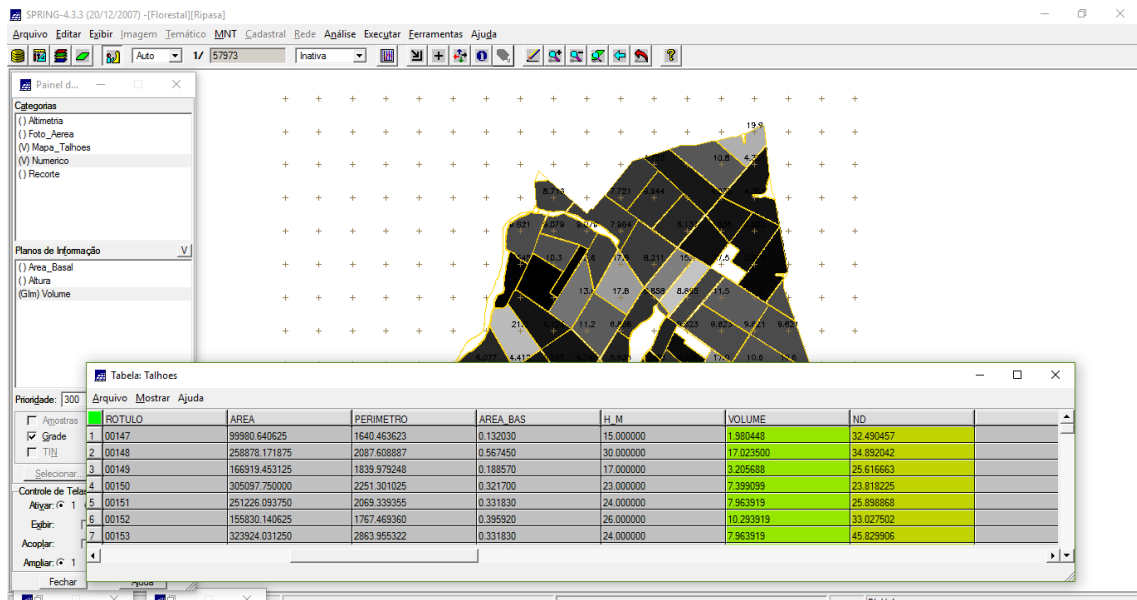
### 1.15. Passo 5 – Altura calculada a partir de programa LEGAL.



### 1.16. Passo 6 – Volume calculada a partir de programa LEGAL.



### 1.17. Passo 6.1– Atualizar ND.



### 1.18. Passo 6.2– Gráfico do volume x ND.

