

ELS

ENVIRONMENTAL INDUSTRIAL SERVICES

4855 N. Spring Glen Rd., Spring Glen, UT 84526 - Telephone (801) 472-3814 - FAX (801) 472-8780

0007

MARCH 11, 1997

ACT/015/032

#2

Mr. Paul Baker
Utah Division of Oil, Gas and Mining
1594 West North Temple Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: 1994 Genwal Baseline Riparian Vegetation Inventory - Species Cover

Dear Paul:

As per our conversation on 3/10/97, data relative to percent composition of individual species per cover class is found in Attachment 4 of the 1994 *Review of Baseline Riparian Inventory of Crandall Creek, Proposed Crandall Mine Expansion, Gemwal Coal Company*. Numbers under the column relative abundance reflect percent cover of individual species. Codes for the individual species (i.e. BRIN, AGAL, etc.) were derived from the scientific name of each species, as is also shown on the first three pages of Attachment 4.

As described within the report, community structure indices were included within the study to determine the conditional state of the riparian corridor. Species richness and diversity data was calculated, as described within the text, and is included in Attachment 4 as well. Woody shrub density and a productivity estimate, however, were not conducted. If shrub density can not be taken from the raw data collected during the survey, as you suggest, Genwal can make arrangements to have this data generated. Productivity will be conducted by the local office of the NRCS as soon as possible.

If you have any other questions or can be of help, please feel free to call, or stop by when you are in the area.

Sincerely,



David Steed
Ecologist/Consultant

cc: Jean Semborski, Andalex Resources Inc.
Gary Gray, Genwal Resources Inc.

