

## **Specification Aggregates Quarry Amendment Exhibit J (Rule 6.4.10) – Vegetation Information**

Vegetation within the current mine permit boundary was documented in the original application and the 2003 Amendment by Greystone Environmental Consultants.

Pinyon Environmental assessed general habitat and vegetation in the amendment area in February 2021 and that assessment is included in the Biological Resources Memorandum attached to **Exhibit H – Wildlife**.

Findings from that assessment include:

- No wetland vegetation was identified during the assessment of the amendment area.
- Two ephemeral drainages originate within the steep slopes of the study area. Neither drainage had flowing water at the time of the site visit; however, some snow was present in the beds of the drainages. The drainage bottoms had upland vegetation surrounded by thick riparian vegetation dominated by Rocky Mountain maple shrubs and trees (*Acer glabrum*). Aside from the riparian area associated with the drainages, few trees were noted within the study area. Vegetation was mostly composed of upland, weedy herbaceous species including American licorice (*Glycyrrhiza lepidota*), Canada thistle (*Cirsium arvense*), common mullein (*Verbascum thapsus*), dalmatian toadflax (*Linaria dalmatica*), downy brome (*Bromus tectorum*), flixweed (*Descurainia sophia*), hairy golden aster (*Heterotheca villosa*), hairy rock-cress (*Arabis hirsuta*), hoary alyssum (*Berteroa incana*), houndstongue (*Cynoglossum officinale*), musk thistle (*Carduus nutans*), purple threeawn (*Aristida purpurea*), redstem filaree (*Erodium cicutarium*), Scotch thistle (*Onopordum acanthium*), smooth brome (*Bromus inermis*), and yarrow (*Achillea millefolium*). Shrubs and sub-shrubs included alderleaf mountain mahogany (*Cercocarpus montanus*), creeping barberry (*Mahonia repens*), fringed sage (*Artemisia frigida*), Rocky Mountain maple (*Acer glabrum*), wax currant (*Ribes cereum*), Woods' rose (*Rosa woodsii*), and yucca (*Yucca glauca*).