

There would be no change to the effects on the Okefenokee Swamp National Wildlife Refuge if Alternative 6 was implemented.

3.7 Summary of Alternative Analysis

Table 7: Summary of Alternatives Analysis

Factor	Alternative 1 (Proposed Site Dragline/Exc avation)	Alternative 2 (Loncala Site)	Alternative 3 (Proposed Site Alt. Mining Method)	Alternative 4 (Loncala Site Uplands)	Alternative 5 (Proposed Site Uplands)	Alternative 6 (No Action Alternative)
Distance from Okefenokee Swamp	3.73 miles	0.50 miles	3.73 miles	0.50 miles	3.73 miles	NA
Heavy Mineral Sand Suitable for Mining	Yes	Yes	No	No	No	No
Proximity to a Port	Yes – Jacksonville Port	Yes – Jacksonville Port	Yes – Jacksonville Port	Yes – Jacksonville Port	Yes – Jacksonville Port	NA
Public Services	Yes	Yes	Yes	Yes	Yes	NA
Proximity to a Rail Line Capable of Linking to Port	Yes – 0.25 of a mile, links to Jacksonville Port	Yes – 3.3 miles, links to Jacksonville Port	Yes – 0.25 of a mile, links to Jacksonville Port	Yes – 3.3 miles, links to Jacksonville Port	Yes – 0.25 of a mile, links to Jacksonville Port	NA
Aquatic Resources On-Site	Yes - 8,052 lf of stream 1,200.129 ac of wetlands	Yes – 3,020 lf of stream 405.11 ac of wetland 0.34 ac of open water	Yes - 8,052 lf of stream 1,200.129 ac of wetlands	Permanent impacts would remain the same. Temporary impact would be significantly reduced.	Permanent impacts would remain the same. Temporary impact would be significantly reduced.	None
Cultural Resources On-Site	Yes – one potentially eligible; no effect	Yes – one potentially eligible site; one unknown effect	Yes – one potentially eligible; no effect	Yes – one potentially eligible site; one unknown potential effect	Yes – one potentially eligible site; no effect	No effect
Effect on T&E Species	No effect with mitigation measures	No effect with mitigation measures	No effect with mitigation measures	No effect with mitigation measures	No effect	No effect
Economic Feasibility (Mining cuts avg 2% HMS)	Yes	No	No	No	No	No
Practicable	Yes	No	No	No	No	No