



**STAR-ORION SOUTH DIAMOND PROJECT
ENVIRONMENTAL IMPACT ASSESSMENT**

**APPENDIX 6.3.1-C
Habitat Photographs**



Photo 1. Wapiti Ravine within the PKCF.



Photo 2. Mouth of West Perimeter Ravine.



Photo 3. Mouth of FALC Ravine.



Photo 4. Mouth of Wapiti Ravine.



Photo 5. Mouth of Caution Creek.



Photo 6. Caution Creek habitat near the mouth.



Photo 7. Mouth of 101 Ravine.



Photo 8. Log jam located near the mouth of 101 Ravine.



Photo 9. 101 Ravine immediately upstream of the log jam located near the mouth.



Photo 10. 101 Ravine immediately upstream of the log jam located near the mouth.



Photo 11. 101 Ravine located mid-reach near the overburden and rock storage area.



Photo 12. 101 Ravine located mid-reach near the overburden and rock storage area.



Photo 13. Subsurface flow in West Ravine.



Photo 14. East Ravine representative of potential white sucker spawning habitat.



Photo 15. Mouth of East Ravine in October 2007.



Photo 16. Mouth of Duke Ravine.



Photo 17. Mouth of English Creek.



Photo 18. Near the mouth of Stream F.



Photo 19. Stream T habitat.



Photo 20. Near the mouth of Peonan Creek.



Photo 21. Saskatchewan River at Caution Creek.



Photo 22. Saskatchewan River at West Ravine.



Photo 23. Saskatchewan River at East Ravine.



Photo 24. Saskatchewan River at Duke Ravine.



Photo 25. Saskatchewan River at FALC Ravine.



Photo 26. Looking north from the highway at Muskoday bridge (approximately 465780E, 5881635N).



Photo 27. Looking south from the highway at Muskoday bridge (approximately 465780E, 5881635N).



Photo 28. Point A on Figure 6.3.1-3 on Peonan Creek looking north.



Photo 29. Point A on Figure 6.3.1-3 on Peonan Creek looking south.



Photo 30. Point B on Figure 6.3.1-3 on Peonan Creek at the road crossing.



Photo 31. Point B on Figure 6.3.1-3 on Peonan Creek at the road crossing.



Photo 32. Point B on Figure 6.3.1-3 on Peonan Creek at the road crossing.



Photo 33. Point C on Figure 6.3.1-3 on Peonan Creek looking east.



Photo 34. Point C on Figure 6.3.1-3 on Peonan Creek looking north.



Photo 35. Various locations between Points C and E on Figure 6.3.1-3 on Peonan Creek.



Photo 36. Various locations between Points C and E on Figure 6.3.1-3 on Peonan Creek.



Photo 37. Point E on Figure 6.3.1-3 near the mouth of Peonan Creek looking east.



Photo 38. Point E on Figure 6.3.1-3 near the mouth of Peonan Creek looking north.