# Appendix 3-I



Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Ascot Re	esources				
	11/20/2013 2:49 PM	Email	Overlap of proposed power line with Ascot mineral tenure	Pretivm contacted Ascot Resources to arrange a time to meet to discuss the overlap of the proposed power line right of way with Ascot's mineral tenure	N/A
Bear En	terprises				
	10/24/2013 1:00 PM	Phone	Land Use/Navigable Waters Interview	Pretivm conducted an interview with commercial recreation licence holder/representative of Bear Mountaineering and Burnie Glacier Chalet regarding land use and use of navigable waters.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to open houses, held from Nov. 25-28, 2013.	N/A
British (	Columbia Aborigina	Il Mine Training A	ssociation		
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Bulkley	Valley Economic D	evelopment Asso	ciation		
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
City of T	Terrace				
	11/14/2011 6:00 PM	Meeting (Terrace)	Project Introduction- Terrace Mayor and Council	Pretivm met with Mayor of Terrace to discuss resource activity in the North and the Brucejack Project. Following the meeting, Pretivm gave a presentation on the project to the Terrace Council.	N/A
	1/25/2012 9:30 AM	Meeting (Vancouver)	Business Development Meeting-City of Terrace	Pretivm provided an update on the Project and discussed business development opportunities and services available in Terrace. Discussed sourcing personnel, supplies, and equipment out of Terrace.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
City of T	Ferrace (cont'd)				
	3/28/2012 7:30 AM	Meeting (Terrace)	Project Update Meeting- City of Terrace	Pretivm gave an update on the Project	<ul> <li>Consultation- Keep communities and businesses apprised of the project and how it is progressing;</li> <li>Employment/Economic Opportunities- Inform local business community about project plans/schedules so they are positioned to respond.</li> </ul>
	11/30/2012 2:20 PM	Meeting (Vancouver)	Project Update Meeting- Mayor of Terrace	Pretivm gave an update on the Project Description.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
District	of New Hazelton				
	11/19/2013 5:16 PM	Email	Community Notification for Open House	Pretivm contacted the District of New Hazelton for assistance in promoting the Project the Nov. 27, 2013 open house in Hazelton. Pretivm provided posters to be for posting around town, requested the District of New Hazelton advertise the open house on their website (as per earlier discussion), and provided recommendations for other promotion options.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
District	of Stewart				
	11/19/2013 4:59 PM	Email	Community Notification for Stewart Open House	Pretivm contacted the District of Stewart to thank them for their assistance in promoting the open house in Stewart, and to provide them with a community notification poster that they had agreed to post around town.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
General	Public				
	11/25/2013 4:30 PM	Open House	Gitlaxt'aamiks/ New Aiyansh DAIR Open House	One of five open houses in northwest BC hosted by BC EAO and attended by Pretivm. Pretivm displayed nine posters describing the Project and baseline studies being conducted for the EA. BC EAO displayed two posters describing the EA process and opportunities for public comment. Pretivm provided dinner in Gitlaxt'aamiks. Approximately 40 people attended. A question and answer period took place following the dinner. Pretivm also displayed an information booklet about the Project, large maps of the Project area, copies of the Aboriginal Consultation Plan and Public Consultation Plan, and copies of the draft AIR, and provided feedback forms and an anonymous box for the public to comment on the Project and evaluate the open house format.	<ul> <li>Accidents and Malfunctions- Accidental spills of hazardous materials on the Brucejack Access Rd. and resulting environmental contamination;</li> <li>Consultation- Better outreach required to notify more Nisga'a citizens about community meetings and provide informational materials in advance of meetings;</li> <li>Employment/Economic Opportunities- Hire Nisga'a to staff the Project at all levels and all types of jobs;</li> <li>Employment/Economic Opportunities- Select the union for contracting so Nisga'a Villages can start speaking with them proactively;</li> <li>Fish- Effects to Brucejack Lake; including downstream effects on water quality and fish as a result of tailings deposition;</li> <li>Fish- Presence of fish in Brucejack Lake;</li> <li>Hydrogeology- Number of underground water tables that will be affected; and</li> <li>Project location - Relation of exploration activities and project to the Nass River and Nass Area.</li> </ul>

#### Table 3-I1. Summary of Communications with the Public (until May 16, 2014)

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
-	ublic (cont'd)			,	
	ubite (cont d) 11/25/2013 4:30 PM (cont'd)	Open House (cont'd)	Gitlaxt'aamiks/ New Aiyansh DAIR Open House (cont'd)		<ul> <li>Alternatives Assessment - Rationale for selecting tailings storage;</li> <li>Tailings Management- Capacity of Brucejack Lake to contain the total volume of tailings;</li> <li>Tailings Management- Sub-aqueous deposition of tailings in Brucejack Lake (water contamination);</li> <li>Water Quality- Effects to Brucejack Lake, including downstream effects on water quality and fish as a result of tailings deposition in Brucejack Lake;</li> <li>Water Quality- Long-term effects of tailings management in Brucejack Lake;</li> <li>Water Quality- Potential effects to and mitigation and management measures for Nass River, Bowser River, and Bowser Lake;</li> <li>Water Quality- Prevention of chemical leaching in Brucejack Lake from tailings; and</li> <li>Water Quality- Will discharged water be treated to a higher quality than the water pumped out from the underground workings?</li> </ul>

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Genera	l Public (cont'd)				
	11/26/2013 4:30 PM	Open House	Stewart DAIR Open House	One of five open houses in northwest BC hosted by BC EAO and attended by Pretivm. Pretivm displayed nine posters describing the Project and baseline studies being conducted for the EA. BC EAO displayed two posters describing the EA process and opportunities for public comment. Pretivm provided coffee and refreshments. Approximately 20 people attended. Comments summarized in stakeholder comments and included in notes. Pretivm also displayed an information booklet about the Project, large maps of the Project area, copies of the Aboriginal Consultation Plan and Public Consultation Plan, and copies of the draft AIR, and provided feedback forms and an anonymous box for the public to comment on the Project and evaluate the open house format.	<ul> <li>Employment/Economic Opportunities- General Interest;</li> <li>Infrastructure &amp; Services- Potential impacts to Stewart's infrastructure and health services; and</li> <li>Water Quality- Impacts on Stewart harbour (District of Stewart).</li> </ul>
	11/27/2013 4:00 PM	Meeting	Hazelton DAIR Open House	One of five open houses in northwest BC hosted by BC EAO and attended by Pretivm. Pretivm displayed nine posters describing the Project and baseline studies being conducted for the EA. BC EAO displayed two posters describing the EA process and opportunities for public comment. Pretivm provided refreshments and coffee. Approximately 45 people attended. Comments summarized in stakeholder comments and included in notes. Pretivm also displayed an information booklet about the Project, large maps of the Project area, copies of the Aboriginal Consultation Plan and Public Consultation Plan, and copies of the draft AIR, and provided feedback forms and an anonymous box for the public to comment on the Project and evaluate the open house format.	<ul> <li>Consultation- Would like additional research to be presented at open houses (general public);</li> <li>Employment/Economic Opportunities- General Interest;</li> <li>Fish- Effects on Brucejack Lake, including downstream effects on water quality and fish as a result of tailings deposition in Brucejack Lake;</li> <li>Tailings Management- Sub-aqueous deposition of tailings in Brucejack Lake (water contamination); and</li> <li>Water Quality- Effects to Brucejack Lake, including downstream effects on water quality and fish as a result of tailings deposition in Brucejack Lake.</li> </ul>

#### Table 3-I1. Summary of Communications with the Public (until May 16, 2014)

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
General	Public (cont'd)				
	11/28/2013 10:30 AM	Meeting	Dease Lake DAIR Open House	One of five open houses in northwest BC hosted by BC EAO and attended by Pretivm. Pretivm displayed nine posters describing the Project and baseline studies being conducted for the EA. BC EAO displayed two posters describing the EA process and opportunities for public comment. Pretivm provided coffee and refreshments. Eight people attended. Comments summarized in stakeholder comments and included in notes. Pretivm also displayed an information booklet about the Project, large maps of the Project area, copies of the Aboriginal Consultation Plan and Public Consultation Plan, and copies of the draft AIR, and provided feedback forms and an anonymous box for the public to comment on the Project and evaluate the open house format.	<ul> <li>Employment/Economic Opportunities- General Interest;</li> <li>Project Location- Tahltan territory in relation to the Project (general public); and</li> <li>Tailings Management- General.</li> </ul>
	11/28/2013 5:00 PM	Open House	Iskut DAIR Open House	One of five open houses in northwest BC hosted by BC EAO and attended by Pretivm. Pretivm displayed nine posters describing the Project and baseline studies being conducted for the EA. BC EAO displayed two posters describing the EA process and opportunities for public comment. Pretivm provided a formal dinner in Iskut. Nine people attended. Comments summarized in stakeholder comments and included in notes. Pretivm also displayed an information booklet about the Project, large maps of the Project area, copies of the Aboriginal Consultation Plan and Public Consultation Plan, and copies of the draft AIR, and provided feedback forms and an anonymous box for the public to comment on the Project and evaluate the open house format.	<ul> <li>Employment/Economic Opportunities- General Interest;</li> <li>Employment/Economic Opportunities- How many Tahltan are working at the Project; and</li> <li>Fish- Presence of fish in Brucejack Lake.</li> </ul>

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
•	Public (cont'd)				
General	12/3/2013 12:00 AM	Feedback/ Comment Form (to EAO ePIC)	Public Comment (Resident, Smithers)	Comment submitted during public comment period on the draft AIR. Full comment found here: http://a100.gov.bc.ca/appsdata/epic/documents/p395/ 1386714861665_9ce23d41acf6ad56050e655743eb04a04b 2936cc97a313a2c00a652fd10133bf.pdf	<ul> <li>Accidents &amp; Malfunctions- Will erosion control and emergency response plans address potentia storm events that could exceed 100-year maximums?;</li> <li>Alternatives Assessment - Rationale for selecting this method of tailings storage;</li> <li>Climate- Greenhouse gas emissions should get a full "lifecycle" accounting, including all mine related activities;</li> <li>Cumulative Effects- Methodology for assessment of cumulative effects;</li> <li>Fish- Alteration, disruption, or destruction of fish habitat;</li> <li>Fish- Assessment boundaries are inadequate to assess eulachon in the Nass and Unuk rivers (general public);</li> <li>Fish- Transboundary effects via Sulphurets Creek and Unuk River</li> <li>Project Closure- Adequacy of upfront bonding to cover reclamation costs, monitoring, and maintenance;</li> <li>Vegetation and Soils- Plan for re-vegetating road cutbanks and cleared right-of-ways;</li> <li>Vegetation and Soils- Terrestrial environment theme should include avalanche track ecosystems as a valued subcomponent (general public)</li> </ul>

#### Table 3-I1. Summary of Communications with the Public (until May 16, 2014)

	Communication	Communication			
Group	Date	Method	Communication Subject	Communication Summary	Issues Raised*
General	Public (cont'd)				
	12/3/2013 12:00 AM (cont'd)	Feedback/ Comment Form (cont'd)	Public Comment (Resident, Smithers) (cont'd)		<ul> <li>Water Quality- Baseline information about the limnology, hydrology, and aquatic resources of Brucejack Lake needed and baseline (ideally pre-exploration) data for Bowser Lake; and</li> <li>Water Quality-Transboundary effects via Sulphurets Creek and Unuk River (general public).</li> </ul>
Gitsegu	kla Elementary Sch	nool			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Gitxsan	Wet'suwet'in Edu	cation Facility			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
John Fie	eld Elementary Sch	ool (Hazelton)			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Last Fro	ntier Heliskiing				
	8/22/2012 12:00 AM	Interview	Land Use Interview - Last Frontier Heliskiing	Phone interview with Last Frontier Heliskiing regarding land use.	<ul> <li>Guiding/Outfitting- Access road will increase snowmobile traffic in winter- negative for business;</li> <li>Guiding/Outfitting- Brucejack Access Rd. will be built over two of company's best runs;</li> <li>Guiding/Outfitting- Increased helicopter traffic posing safety concerns for Last Frontier's helicopters (need for flight coordination); and</li> <li>Guiding/Outfitting- Last Frontier was not consulted prior to exploration access road construction.</li> </ul>
	10/31/2012 1:00 PM	Meeting (Vancouver)	Road Access	Pretivm met with Last Frontier Heliskiing to discuss Brucejack Access Road and helicopter flight coordination/communication.	<ul> <li>Guiding/Outfitting- Access road will increase snowmobile traffic in winter- negative for business; and</li> <li>Guiding/Outfitting- Increased helicopter traffic posing safety concerns for Last Frontier's helicopters (need for flight coordination).</li> </ul>
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
	Outfitting Ltd. (Co	oast Mountain Out	-		
	8/24/2012 10:00 AM	Interview	Land Use Interview - Milligan Outfitting	Phone interview with Milligan Outfitting Ltd regarding land use.	<ul> <li>Guiding/Outfitting- Business could be negatively impacted if new road build from Bowser is restricted access. Would prefer to at least be able to walk up road with clients; and</li> </ul>
					<ul> <li>Guiding/Outfitting- Helicopters as result of mining making bears nocturnal</li> </ul>
	1/10/2013 1:33 PM	Email	Brucejack Goat Survey Results	Pretivm provided Milligan Outfitting Ltd. with recent goat survey results.	N/A
	8/13/2013 12:00 AM	Phone	Firearm Use Near Brucejack Access Rd.	Pretivm called Milligan Outfitting Ltd. to request there be no firearms used in proximity to the exploration access road, including a request for no shooting in the direction of the road. Milligan Outfitting responded they would be happy to oblige and noted they do not lead hunts anywhere near the road.	N/A
	10/21/2013 3:51 PM	Email	Use of Navigable Waters in the Brucejack Project Area	Pretivm provided Milligan Outfitting Co. Ltd. with background information on the Project (including a map), as well as a questionnaire on navigable water use in the Project area. This email was a follow-up to a 2012 interview regarding land use in the Project area.	N/A
	10/24/2013 12:00 AM	Phone	Navigable Waters	Pretivm left a message for guide outfitter Milligan Outfitting Ltd. requesting opportunity to ask follow-up questions to the land use interview conducted for the Brucejack Project in 2012. The follow up questions pertained to use of waterways in the Project area for navigation.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Milligan	Outfitting Ltd. (Co	oast Mountain Out	fitters) (cont'd)		
	11/21/2013 11:07 AM	Email	Brucejack Gold Mine Project Open House materials	Pretivm provided Milligan Outfitting Ltd. with materials that would be displayed by Pretivm at open houses: an info booklet, a poster display, and a feedback form. The materials were provided via a YouSendIt link. Pretivm also provided information on the public comment period on the dAIR, hosted by BC EAO.	N/A
Misty Mo	ountain Outfitters				
	1/11/2013 12:00 AM	Interview	Land Use Interview- Misty Mountain Outfitters	Land use interview by phone with tenure holder 60166 (backcountry recreation and sports hunting).	N/A
	10/21/2013 4:06 PM	Email	Use of Navigable Waters in the Brucejack Project Area	Pretivm provided Misty Mountain Outfitters with background information (and a map) on Brucejack Project, as well as a questionnaire on navigable water use in the Project area. This is follow-up to a 2012 interview regarding land use in the Project area.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
New Ha	zelton Elementary				
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Norther	n Lights College				
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Northwe	est Community Col	lege			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Regiona	l District of Kitima	t-Stikine			
	3/28/2012 7:30 AM	Meeting (Terrace)	Project Update Meeting- City of Terrace	Pretivm provided a presentation on the Project to the Terrace Mayor and Council, at the Bear Country Inn in Terrace.	<ul> <li>Employment/Economic Opportunities- Inform local business community about project plans/schedules so they are positioned to respond.</li> </ul>
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
School D	District 54 (Bulkley	Valley)			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Skeena '	Valley Expeditions				
	9/7/2012 12:30 PM	Interview	Land Use Interview- Skeena Valley Expeditions	Land use interview by phone with Skeena Valley Expeditions (commercial tenure #6407801). Skeena Valley Expeditions was subsequently excluded from the Land Use EA since it is not operating with the Project Area.	N/A
	10/21/2013 3:43 PM	Email	Use of Navigable Waters in the Brucejack Project Area	Pretivm provided Skeena Valley Expeditions with Brucejack Project background information (and a map) and survey questions regarding navigability of waterways in the Project area. These questions are a follow-up to an earlier interview regarding land use near the proposed Project.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Smither	s District Chamber	of Commerce			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Spey Loo	dge				
	6/22/2012 9:00 AM	Interview	Land Use Interview - Spey Lodge	Land use phone interview with Spey Lodge (Commercial Recreation Tenure- Fly Fishing).	<ul> <li>Wildlife - Bears in the Bell-Irving valley becoming habituated due to increase in people in area.</li> </ul>
	10/21/2013 4:03 PM	Email		Pretivm provided Spey Lodge with background information (and a map) on Brucejack Project, as well as a questionnaire on navigable water use in the Project area. This is follow-up to a 2012 interview regarding land use in the Project area.	N/A
	10/24/2013 12:00 AM	Phone	Phone Call to Review Navigable Waters Questions	Pretivm left a message for Spey Lodge (commercial license tenure holder) requesting an opportunity to ask follow-up questions to the land use interview conducted for the Brucejack Project in 2012. New questions would focus on potential use of navigable waterways in the Project area.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Terrace	and District Cham	ber of Commerce			
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Terrace	Economic Develop	ment Authority			
	1/25/2012 9:30 AM	Meeting (Terrace)	Business Development Meeting-City of Terrace	Pretivm provided an update on the Project and discussed business development opportunities and services available in Terrace. Discussed sourcing personnel, supplies, and equipment out of Terrace.	N/A
	3/28/2012 7:30 AM	Meeting (Terrace)	Project Update Meeting- City of Terrace	Pretivm gave a presentation on the Project to Terrace Mayor and Council.	• Employment/Economic Opportunities- Inform local business community about project plans/schedules so they are positioned to respond.
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

Group	Communication Date	Communication Method	Communication Subject	Communication Summary	Issues Raised*
Town of	Smithers				
	11/16/2011 7:00 AM	Meeting (Smithers)	Project Introduction-Town of Smithers	Pretivm gave a presentation on the Project to Smithers Mayor and Council in Smithers.	<ul> <li>Consultation- Would like to tour the site.</li> </ul>
	3/28/2012 4:45 PM	Meeting (Smithers)	Project Update Meeting- Mayor of Smithers	Pretivm gave a presentation on the Project to the Smithers Mayor. The Mayor expressed concern that fly in-fly out operations would preclude local sourcing of labour, supplies and services and noted a population loss in most northern communities due to decline of forestry and mine closures.	• Employment/Economic Opportunities- Concern that fly in-fly out operations will preclude sourcing labour, supplies and services from the northwest region.
	11/29/2012 10:30 AM	Meeting (Smithers)	Project Update Meeting- Town of Smithers	Pretivm gave a presentation on the Project Description to Smithers Mayor and Council. Discussion ensued about the Bulkley Valley Research Centre Conference and how there were insufficient industry representatives to help promote socially responsible development and how to make social choices on a regional scale that balance benefits and risks.	N/A
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A
Village of	of Hazelton				
	11/20/2013 2:46 PM	Email	Invitation to an Open House on the Brucejack Gold Mine Project	Pretivm invited stakeholders to public open houses, held from Nov. 25-28, 2013.	N/A

\* Responses to these issues are included in the issues tracking table in Appendix 3-J.