018744

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 607824E 6895673N 105-K-2 **LAT.** 62°10.8' **LONG.** 132°55.7' **HOLE #** 96-1

AZIMUTH N/A **DIP** -90° **CASING** 140' **DEPTH O/B** 140' **DEPTH** 466' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Feb.23, 1996 - Feb.27, 1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	140	0	Glacial overburden.	
140	154	14/14	Box 1 Core blocky,broken. Medium to dark grey/green biotite phyllite. Foliation 80° to core axis,soft, HCl reaction unknown as acid froze on contact with core. 2% white quartz stringers parallel to foliation. 1% narrow white quartz stringers @ 90° to foliation with very fine grained disseminated pyrite & pyrrhotite. 1% very fine grained disseminated pyrrhotite & pyrite along schist folia. Trace stringers of pyrrhotite.	
154	172	17.5/18	Box 2 Core blocky 2"-3" & lost @ 159.5-162. Soft medium grey/green biotite phyllite. Foliation 80° to core axis. 1% narrow quartz stringers with trace very fine grained disseminated pyrite & pyrrhotite cross-cut foliation. 1% very fine grained disseminated pyrite & pyrrhotite in schist folia.	
172	191	19/19	Box 3 Core blocky 2"-3". Soft, medium grey/green biotite phyllite with some minor dark chlorite phyllite. Foliation 80° to core axis. Trace disseminated pyrrhotite, pyrite. Trace white quartz stringers.	
191	208	17/17	Box 4 core blocky 2"-3". Soft medium grey/green biotite phyllite grades into dark green chlorite phyllite. Foliation 80° to core axis. Trace disseminated pyrrhotite in folia. Small fault zone breccia @ 204-206. White foliaform quartz vein @ 207-207.3.	
208	226	18/18	Box 5 Core very blocky 1"-1'. Soft dark green chlorite phyllite grades back to medium grey/green biotite phyllite. Trace very fine grained disseminated pyrite & pyrrhotite in folia. White foliaform quartz vein @ 208-209.	
226	244	18/18	Box 6 Core blocky 1"-6". Soft medium grey/green biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite & pyrrhotite in folia.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ NTS _____ LAT. _____ LONG. _____ HOLE # 96-1

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
244	264	20/20	Box 7 Core blocky 1"-4" & broken @ 251-252. Medium grey/green biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite & pyrrhotite	
264	285	19/21	Box 8 Core blocky 1"-6" & broken @ 264-266 & 2' core lost @ 264-266. Soft medium grey/green biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite & pyrrhotite in folia. White foliaform quartz veins @ 266.1-266.2 & 271.2-271.3.	
285	304	19/19	Box 9 Core is intact. Soft grey biotite phyllite. Foliation 80° to core axis. Very minor white quartz stringers cross-cutting foliation with trace pyrite.	
304	322	18/18	Box 10 Core is intact. Soft grey biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrrhotite in the phyllite. White foliaform quartz vein @ 304.3-304.6 & 311-311.5.	
322	342	20/20	Box 11 Core is solid. Soft grey biotite phyllite. Foliation 80° to core axis. Disseminated pyrite & pyrrhotite. Minor white quartz stringers cross-cutting foliation.	
342	360	19/19	Box 12 Core is intact. Soft grey biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite & pyrrhotite. Minor narrow white quartz stringers cross-cutting foliation. White foliaform quartz vein @ 344.5-344.7.	
360	380	20/20	Box 13 Core is solid. Soft grey biotite phyllite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite & pyrrhotite. Minor white quartz stringers cross-cutting foliation. White foliaform quartz vein @ 376.8-376.9.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION	NTS	LAT.	LONG.	HOLE # 96-1
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT	LOGGED BY	DATE DRILLED

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
380	401	20/21	Box 14 Core intact except broken @ 385-388 & 1' lost. Soft grey biotite phyllite. Foliation 80° to core axis. Trace disseminated very fine grained pyrite & pyrrhotite. White foliaform quartz veins @ 384.9-385, 387-388, 397-397.5. Narrow white quartz stringers @ 396-401.	
401	419	18/18	Box 15 Core intact except broken @ 417-419. Soft grey biotite phyllite. Foliation 80° to core axis. White foliaform quartz veins @ 402-402.1, 417-417.1. Trace very fine grained disseminated pyrite & pyrrhotite.	
419	442	20/23	Box 16 Core intact except 419-423 core is rubbly & 2' lost & 436-437.5 core is rubbly & 1' lost. Soft grey biotite phyllite. Foliation 80° to core axis. Narrow pyrrhotite stringers cross-cut foliation @ 432.5-433.	
442	460	18/18	Box 17 Core is intact. Soft grey biotite phyllite. Foliation 80° to core axis. Pyrrhotite stringers @ 444-446 parallel & cross-cutting foliation. White foliaform quartz veins @ 450-451, 455.5-456.5. Trace disseminated fine grained pyrrhotite throughout.	
460	466	6/6	Box 18 Core is intact. Soft grey biotite phyllite. Foliation 80° to core axis.	

END OF HOLE

Recovery = 320.5'/326 = 98.1%.

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 616414E 6895925N 105-K-2 **LAT.** 62°10.7' **LONG.** 132°45.8' **HOLE #** 96-2

AZIMUTH N/A **DIP** -90° **CASING** 130' **DEPTH O/B** 130' **DEPTH** 600' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Feb 28, 1996 Mar3, 1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	130	0	Glacial overburden.	
130	147	17/17	Core intact. Soft dark grey biotite phyllite. Minor narrow white quartz stringers cross-cutting foliation, with trace pyrite. Foliation 75° to core axis.	
147	165	18/18	Core is rubbly @ 149-155. Soft dark grey biotite phyllite. Foliation 75° to core axis. Fault zone @ 149-155 & core is brecciated, broken & bleached light grey. Foliaform quartz veins @ 159.3-159.4 & 167.7-167.8.	
165	181	16/16	Box 3 Core intact. Soft dark grey biotite phyllite. Foliation 75° to core axis. White foliaform quartz vein with pink (andalusite ?) patches @ 166.2-166.3. White foliaform quartz veins @ 171.5-171.6 & 172-172.2.	
181	199	18/18	Box 4 Core intact. Soft dark grey biotite phyllite. Foliation 75° to core axis. White foliaform quartz vein @ 182.8-183.	
199	217	18/18	Box 5 Core broken @ 213-217. Soft dark grey biotite phyllite. Foliation 75° to core axis.	
217	234	17/17	Box 6 Core fractured 228-234. Soft dark grey biotite phyllite with minor andalusite clots. Fractured zone @ 228-234 cut by numerous narrow white stringers of quartz/carbonate in a stockwork. Core is bleached to a pale grey in this zone.	
234	252	18/18	Box 7 Core intact except 235-236. Soft grey biotite phyllite. White foliaform quartz veins @ 239-239.5, 240-240.1 & 242-244 with trace pink (andalusite ?) patches. Narrow quartz/carbonate stringers @ 246-252 @ 10°-20° to core axis.	
252	270	18/18	Box 8 Core intact except 269-270. Soft grey biotite phyllite. Foliation 75° to core axis. Core fractured by occassional narrow white quartz/carbonate stringer @ 25° to core axis. White foliaform quartz vein @ 269-270 with trace patches of pink (andalusite ?). Dark brown weathered black band of biotite or sphalerite(?) @ 266-267.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-2

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
270	287	17/17	Box 9 Core intact. Soft grey biotite phyllite. Foliation 75° to core axis. White foliaform quartz veins @ 270.1-270.3 & 285.5-285.7.	
287	307	20/20	Box 10 Core intact. Soft grey biotite phyllite. Foliation 75° to core axis. White quartz/carbonate stringers @ 289.5-289.9 @ 10° to core axis. Trace very fine grained disseminated pyrite on folia surface @ 305.	
307	325	18/18	Box 11 Core intact except @323-325 core is rubbly. Soft grey biotite phyllite. Foliation 75° to core axis. White quartz/carbonate vein fault breccia & gouge zone @ 309-309.2. Quartz/carbonate vein fault breccia zone @ 320.5-321.2.	
325	344	19/19	Box 12 Core intact. Soft grey biotite phyllite. Foliation 75° to core axis. White quartz/carbonate veinlet stockwork which has bleached the adjacent wall rock @331-333. Several narrow light brown weathered black very fine grained biotite or sphalerite (?) veins with trace pyrite & pyrrhotite @ 333-344. Veins are wispy & feather in & out of foliation but mostly cut accross folia @ 10°-20° to core axis.	
344	363	19/19	Box 13 Core intact. Soft grey biotite phyllite. White quartz/carbonate veins @ 352-352.2. Brown weathering black veinlets of biotite or sphalerite @ 344.3-344.4, 346-346.5 & 362.1-362.2. Trace very fine grained disseminated pyrite & pyrrhotite in quartz/carbonate veinlets & in folia. Foliation 70° to core axis.	
363	382	19/19	Box 14 Core intact. Soft grey biotite phyllite. White & pale green quartz/carbonate vein with trace disseminated pyrite @ 371-376. Vein @ 10° to core axis. Trace disseminated very fine grained pyrite & pyrrhotite in schist folia. Foliation 70° to core axis.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-2

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
382	401	19/19	Box 15 Core intact. Soft grey biotite phyllite. Foliation 70° to core axis. Phyllite bleached to light greenish grey @ 391 to 401. Bleaching due to crushed & gouged strong fault zone @ 398-398.1. Trace disseminated pyrite & pyrrhotite on folia surfaces. White quartz/carbonate veins @ 386-387, 396.5-396.6 & 397.3-397.4. Veinlet of possible brown sphalerite (?) @ 390-390.5 @ 45° to core axis.	
401	420	19/19	Box 16 Core intact. Soft grey biotite phyllite. Foliation 70° to core axis. Very fine grained disseminated pyrite & pyrrhotite on folia surfaces throughout. Narrow bands of massive very fine grained pyrite & pyrrhotite @ 412-413. Thickest band is ±2".	
420	436	16/16	Box 17 Core broken 425-428.5 & core fractured 434-436. Soft grey biotite phyllite. White quartz/carbonate vein @ 425-426. Colour change to light grey mottled with dark grey @ 426-428. Contact @ 428 to hard siliceous white medium grained aplite with trace disseminated orange/red garnets. Core is well fractured.	
436	454	18/18	Box 18 Core fractured 436-438. Hard, siliceous white garnetiferous aplite. Smokey grey quartz vein with very fine grained black sulphides & pyrite @ 436.5-438. Vein is @ 5° to core axis.	
454	473	19/19	Box 19 Core intact. Hard, siliceous medium grained white garnetiferous aplite. Narrow smokey grey quartz vein with very fine grained black sulphides @ 472-473. Vein is @ 20° to core axis.	
473	492	19/19	Box 20 Core intact. Hard siliceous white garnetiferous aplite. Gradational contact over 2" @ 489-491 to medium grained white/ grey/ black "salt & pepper" granodiorite.	
492	510	18/18	Box 21 Core intact. Gradational contact of aplite and granodiorite to 497. Medium grained white/grey/black "salt & pepper" granodiorite with minor narrow grey quartz veins parallel to core axis @497.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE #96-2
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
510	529	19/19	Box 22 Core intact. Hard siliceous medium grained "salt & pepper" granodiorite. Trace very fine grained disseminated pyrite.	
529	548	19/19	Box 23 Core intact. Hard siliceous medium grained "salt & pepper" granodiorite. Trace very fine grained disseminated pyrite. Minor salmon pink potassic alteration of K-feldspars.	
548	566	18/18	Box 24 Core intact. Hard siliceous medium grained "salt & pepper" granodiorite. Trace very fine grained disseminated pyrite. Minor dark green chlorite (?) veins.	
566	584	18/18	Box 25 Core intact. Hard siliceous medium grained "salt & pepper" granodiorite. Trace very fine grained disseminated pyrite. Minor dark green chlorite fracture fillings.	
584	600	16/16	Box 26 Core intact. Hard siliceous medium grained "salt & pepper" granodiorite. Trace very fine grained disseminated pyrite. Minor chloritic fracture fillings.	

END OF HOLE

Recovery = 470'/470' = 100%.

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 616197E 6895177N 105-K-2 **LAT.** 62°10.3' **LONG.** 132°46.1' **HOLE #** 96-3

AZIMUTH N/A **DIP** -90° **CASING** 140' **DEPTH O/B** 140' **DEPTH** 600' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Mar 5,1996 Mar 11,1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	140	0	Glacial overburden.	
140	161	16/21	Box 1 Core broken & fault brecciated. 140-147 lost 4' of core, 147-160 lost 1' of core. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated & fracture filling pyrite. Strong fault breccia 2 143-144 & 152-153.	
161	180	19/19	Box 2 Core is blocky 2" pieces. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated & fracture filling pyrite. Fault breccia @ 162.5-163 & 176.5-177. S_2 surface is corrugated.	
180	199	19/19	Box 3 Core is blocky 2" & broken. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. No visible sulphides. Fault breccia @ 180-184 & 192-193. Hard siliceous nonfoliated calc silicate (?) bed @ 184-185 with trace disseminated pyrite. S_2 surface is corrugated.	
199	217	17.5/18	Core intact but crushed & broken 210-217. lost 0.5' of core @ 204-210.5. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Light green hard siliceous calc silicate bed @ 207-209.5. Trace very fine grained disseminated pyrite on schist folia.Fault zone @ 210-213 & core crushed & broken.	
217	234	17/17	Box 5 Core blocky 2" pieces & brecciated @ 229-230. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated pyrite on schist folia. Small fault zone @ 229-230.	
234	251	17/17	Box 6 Core is blocky & broken. Soft dark green/brown biotite schist with light green hard siliceous quartzite (?) @ 238-240 &249-251. Trace disseminated pyrite on schist folia & in narrow white quartz carbonate veinlets. Foliation 75° to core axis.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE # 96-3
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
251	271	16/20	Box 7 Core blocky 2" pieces & crushed @ 251-253 & 267-268. Core loss of 1' @ 251-253, 1' @ 254-257 & 2' @ 262-266. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated pyrite. Hard siliceous pale green quartzite (?) @ 253.5-255 & 256-261. Fault zones @ 251-253 & 267-268.	
271	292	15/21	Box 8 Core is blocky 2"-3" pieces & crushed @ 273-276 & 285-288. Core loss of 1.5' @ 271-273.5, 2' @ 273.5-276.5, 1' @ 276.5-280.5, 0.5' @ 280.5-285 & 1' @ 285-289. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated pyrite. Small fault zone @ 285-289.5 & schist is leached to a pale greenish/grey.	
292	308	16/16	Box 9 Core is blocky 1"-4" pieces & crushed @ 293-295. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated very fine grained pyrrhotite & pyrite in schist folia. Crushed & brecciated fault zone @ 293-295.	
308	324	16/16	Box 10 Core is blocky 3" pieces. Soft noncalcareous dark green/brown biotite schist. Foliation 75° to core axis. Trace disseminated pyrite & pyrrhotite.	
324	342	18/18	Box 11 Core is intact & blocky. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis.Trace disseminated pyrite & pyrrhotite.	
342	359.5	17.5/ 17.5	Box 12 Core is blocky 2"-6" pieces. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Trace disseminated pyrite & pyrrhotite. Core is broken to rubble @ 357.5-359.5.	
359.5	377	17.5/ 17.5	Box 13 Core is broken & rubbly @ 359.5-366. Core is intact & blocky 3" pieces to 377. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE # 96-3
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
377	395	18/18	Box 14 Core intact & blocky 2" pieces. Core broken & rubbly @ 377-381. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Hard siliceous grey poorly foliated calc silicate (?) @ 390-391 with trace disseminated pyrite.	
395	413	18/18	Box 15 Core is intact & blocky 2"-6" pieces. Core broken @ 396-397. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Smokey grey quartz vein @ 395-395.3 with trace pyrite.	
413	430	17/17	Box 16 Core intact & blocky 1"-3". Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Small quartz vein parallel to foliation @ 413.8-413.9 with trace very fine grained pyrite stockwork veinlets.	
430	445.5	15.5/ 15.5	Box 17 Core intact & blocky 2" pieces. Soft noncalcareous dark green/ brown biotite schist. Foliation 70° to core axis. Trace pyrite stringers @ 443.5-443.7.	
445.5	462	16.5/ 16.5	Box 18 Core intact & blocky. Core broken @ 445.5-448. Core gouged 460.5-461.5. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Small fault zone @ 460.5-461. Smokey grey quartz vein @ 461.5-461.6.	
462	478	16/16	Box 19 Core intact & blocky 1"-6" pieces. Soft noncalcareous dark green/ brown biotite schist. Foliation 70° to core axis.	
478	493	15/15	Box 20 Core broken & crushed 1' pieces. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Fault zone @ 484.5-492.5 core is very crushed & broken & gouged.	
493	509	16/16	Box 21 Core is blocky 2"-6". Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Smokey grey foliaform quartz vein @ 495-495.1 & 506-506.5. Fault zone @ 497-498 & 507-507.1.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE # 96-3
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE			GEOLOGICAL DESCRIPTION	ASSAYS
FROM	TO	RCY		
509	525.5	16.5/ 16.5	Box 22 Core intact & blocky 2' pieces. Soft noncalcareous dark green/ brown biotite schist. Foliation 70° to core axis. Trace pyrite on schist folia & in fracture fillings. White foliaform quartz veins @ 518-518.2 & 524.7-524.8 with trace pyrite stringers.	
525.5	544	18.5/ 18.5	Box 23 Core intact. Strongly fault gouged @ 526-544. Soft noncalcareous dark green/brown biotite schist. Foliation 70° to core axis. Trace pyrite & pyrrhotite in small white quartz vein @ 525.5-525.6. Strong fault zone @ 526 with very crushed & gouged & brecciated but intact core. Trace disseminated pyrite in fault zone. Foliation in fault zone 10°-45° to core axis.	
544	563	19/19	Box 24 Core intact & heavily fault gouged. Core is fault gouged to a degree that geology cannot be ascertained except by colour. Dark green/brown biotite schist (?). Light green colour @ 555 may be due to water in the fault laeaching the schist.	
563	585	16.5/ 22	Box 25 Core is heavily fault gouged & core loss of 0.5' @ 563-565, 2' @ 567-574, 2' @ 574-577.5 & 1' @ 582.5-585. Core is fault gouged to a degree that geology cannot be ascertained except by colour. Probably dark green/brown biotite schist with sections of pale green leached schist.	
585	600	12/15	Box 26 Core is heavily fault gouged & core loss of 0.5' @ 585-586, 1' @ 588-590, 0.5' @ 593-595.5 & 1' @ 597.5-600. Core is fault gouged to a degree that geology cannot be ascertained except by colour. Probably dark green/brown biotite schist. Trace pyrite.	

END OF HOLE

Recovery= 436'/460'= 94.8%

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 615446E 6894910N 105-K-2 **LAT.** 62°10.2' **LONG.** 132°47.0' **HOLE #** 96-4

AZIMUTH N/A **DIP** -90° **CASING** 102' **DEPTH O/B** 102' **DEPTH** 600' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Mar 13,1996 Mar 16,1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	102	0	Glacial overburden.	
102	118	16/16	Box 1 Core intact & blocky 2" pieces. Soft noncalcareous mottled dark grey/brown biotite schist. Foliation 75° to core core axis. Minor inter-bedded hard siliceous greenish grey calc silicate (?) @ 103.5-105 & 107-109. Trace to 1% very fine grained foliaform pyrrhotite, pyrite @ 102-115 & one foliaform band of galena (?) @ 113.	
118	135	17/17	Box 2 Core intact & blocky 2"-4" pieces. Core broken @ 125-126. Soft noncalcareous dark grey/brown partly mottled biotite schist. Foliation 75° to core axis. Trace to 1% very fine grained pyrrhotite parallel to to foliation. Fault zone @ 125-126. White foliaform quartz vein @ 129-130.	
135	154	19/19	Box 3 Core intact & blocky 1"-4" pieces. Soft noncalcareous dark grey/brown biotite schist. Foliation 70° to core axis. Trace very fine grained foliaform pyrrhotite. Trace disseminated pyrite.	
154	169	15/15	Box 4 Core intact & blocky 1"-6" pieces. Core broken @ 156-158. Soft noncalcareous dark grey/brown partly mottled biotite schist. Foliation 70° to core axis. White foliaform quartz vein @ 160-161 & 165-165.1. Trace very fine grained foliaform pyrrhotite.	
169	186	17/17	Box 5 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace disseminated very fine grained pyrrhotite.	
186	204	18/18	Box 6 Core intact 7 blocky 2"-8" pieces. Soft noncalcareous dark grey/brown partly mottled biotite schist. Foliation 75° to core axis. White quartz vein with very fine grained stringers of pyrite & pyrrhotite @ 192-193. Trace very fine grained disseminated pyrrhotite & pyrite throughout.	
204	221	17/17	Box 7 Core intact & blocky 6" pieces. Core broken & faulted @ 216.5-217. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace very fine grained disseminated pyrrhotite. White foliaform	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-4

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
			quartz vein with trace pyrite @ 211-211.5. White & green calc silicate with trace pyrite veinlets & fracture fillings @ 214-214.2. Small fault zone with gouge @ 216.4-216.6. Core is slightly brecciated @ 216.6-221.	
221	239	18/18	Box 8 Core intact in 6" pieces. Core broken & brecciated @ 221-222 & 226-228. Soft noncalcareous dark grey/brown biotite schist- bleached light grey in the fault zones. Foliation 75° to core axis. Fault zones @ 221-222 & 227.5-228. Trace very fine grained disseminated pyrrhotite @ 233-235.	
239	259	20/20	Box 9 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace very fine grained disseminated pyrrhotite. White foliaform quartz vein with patches & blebs & stringers of very fine grained pyrrhotite @ 258.5-259.	
259	275	16/16	Box 10 Core intact & blocky 2"-6" pieces. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace disseminated pyrite. White & green quartz carbonate vein @ 259-260.5 with patches & blebs of very fine grained pyrrhotite. Minor narrow white quartz carbonate stringers @ 264-275 cause bleaching of schist to light grey/green.	
275	294	19/19	Box 11 core intact in 8" pieces. Core broken & fault gouged @ 292-294. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Schist becomes pale grey & mottled @ 280-294. Colour is leached by fault @ 292-294. Trace foliaform pyrrhotite @ 287-287.2. Sulphide vein fault @ 291-291.2 @ 20° to core axis & ± 0.25" wide.	
294	312	18/18	Box 12 Core intact & blocky 2"-6" pieces. Core is broken @ 305-308.5. Soft noncalcareous pale greenish/grey mostly mottled biotite schist. Foliation 75° to core axis. Trace pyrite fracture fillings @ 295-295.1. White foliaform quartz vein with trace pyrite & pyrrhotite @ 300.5-301.1. Small fault zone @ 305-308.5.	
312	328	16/16	Box 13 Core intact & blocky 1"-2" pieces. Core badly broken @ 312-314. Soft noncalcareous pale greenish/grey leached biotite schist to 315'.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-4

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
			From 315 soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace pyrite in quartz vein @ 323-323.5.	
328	343	15/15	Box 14 Core is broken by faulting throughout. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Small fault zones @ 329-330, 331.5-333, 334.8-335.3 & 339-339.2.	
343	357.5	14.5/ 14.5	Box 15 Core is broken & gouged throughout by strong faults. Soft non-calcareous dark grey/brown biotite schist with zones of light grey/brown slightly leached colour in faults. Foliation 75° to core axis. Fault zones @ 345-346, 348-351.5 (heavy gouge) & 356-357.5. White foliaform quartz vein @ 355-355.2.	
357.5	376	18.5/ 18.5	Box 16 Core intact. Core broken @ 357.5-359. Soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis.	
376	394	18/18	Box 17 Core intact. Soft noncalcareous dark grey/brown biotite schist (mostly mottled). Foliation 75° to core axis. Gradational contact @ 383 to medium green/brown moderately hard poorly foliated calc silicate. Brown patches occur throughout. Cut by narrow near vertical quartz carbonate veinlets ±10° to core axis with trace very fine grained pyrrhotite. Schist is bleached nearly white adjacent to these veinlets.	
394	409	15/15	Box 18 Core intact. Core broken & fault gouged @ 402-406. Hard siliceous noncalcareous patchy light to medium green/brown poorly foliated calc silicate. Quartz carbonate stringer stockwork & breccia zone @ 400-402. Fault gouge @ 402.8-406. Trace very fine grained disseminated pyrrhotite throughout.	
409	425	16/16	Box 19 Core intact. Gradational contact of calc silicate back to soft noncalcareous dark grey/brown biotite schist. Foliation 75° to core axis. Trace very fine grained pyrrhotite throughout.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ **LAT.** _____ **LONG.** _____ **HOLE #** 96-4

AZIMUTH _____ **DIP** _____ **CASING** _____ **DEPTH O/B** _____ **DEPTH** _____ **CORE SIZE** _____

MINING DISTRICT _____ **LOGGED BY** _____ **DATE DRILLED** _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
425	443	18/18	Box 20 Core intact. Interbedded gradational moderately hard biotite schist and hard siliceous calc silicate. This grades into hard siliceous patchy green/brown calc silicate @ 436. Trace disseminated very fine grained pyrite throughout.	
443	460	17/17	Box 21 Core solid. Hard siliceous poorly to moderately foliated pale green to dark green/brown calc silicate. Occassional stringers of white quartz carbonate veins with trace pyrite. White foliaform quartz vein with trace pyrite @ 447-447.2.	
460	479	19/19	Box 22 Core intact. Hard siliceous poorly foliated pale green to dark green/brown calc silicate. Trace disseminated pyrite. Occassional narrow white quartz carbonate stringers with trace pyrite.	
479	497	18/18	Box 23 Core solid. Hard siliceous poorly foliated pale to dark green/ brown calc silicate. Trace very fine grained disseminated pyrite. Quartz carbonate vein fault breccia @ 480-481 @ 15° to core axis.	
497	517	20/20	Box 24 Core solid. Hard siliceous poorly foliated dark green/brown calc silicate. Trace very fine grained foliaform pyrrhotite & pyrite throughout. May be more sulphide too fine grained to see by eye. Occassional pyrite stringers @ 10° to core axis. Small fault zone @ 513 @ 75° to core axis & $\pm$ 0.5" thick. Very siliceous green zone with a strong stockwork of very narrow stringers of pyrrhotite and foliaform pyrrhotite & pyrite, $\pm$ 5% sulphides.	
517	537	20/20	Box 25 Core intact. Hard siliceous poorly foliated light to dark green/ brown calc silicate. Small bleached fault zone 518-520. White foliaform quartz veins @ 526-527.5, 528-528.2, 532-532.2 & 533-533.1 (with very fine grained black sulphides (?)).	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-4

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
537	555	18/18	Core intact. Moderately hard siliceous poorly foliated pale to dark green/brown calc silicate. Well mineralized vein (?) zone with 5% very fine grained disseminated pyrrhotite & galena (?) @ 545-551. White quartz vein with very fine grained disseminated sulphides & some larger mossy looking patches of black sulphide (?) @ 554-555.	
555	573	18/18	Box 27 Core intact & blocky @ 566-567 & 570-571. Moderately hard siliceous poorly foliated greenish grey calc silicate. Very fine grained bands of brown biotite or sulphides (?). White quartz vein with disseminated fine grained silver/blue sulphides (galena or antimony?) and brown (sphalerite?) @ 566-567.5.	
573	591	18/18	Box 28 Core intact. Core rubbly @ 581-583. Moderately hard siliceous poorly foliated greenish grey calc silicate. White foliaform quartz vein with trace very fine grained disseminated pyrrhotite @ 585-586.	
591	600	9/9	Box 29 Core intact. Moderately hard siliceous grey/green calc silicate. Poorly foliated & mottled. Bands to 0.25" of brown very fine grained biotite or sphalerite (?).	

END OF HOLE

Recovery= 498'/498' = 100%

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 613950E 6895000N 105-K-2 **LAT.** 62°10.3' **LONG.** 132°48.7' **HOLE #** 96-5

AZIMUTH N/A **DIP** -90° **CASING** 60' **DEPTH O/B** 60' **DEPTH** 600' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Mar 18,1996 Mar 21,1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	60	0	Glacial overburden.	
60	78.5	18.5/18.5	Box 1 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Minor hard siliceous bands of calc silicate with 1% very fine grained disseminated pyrite @ 60-62 & 64-65.	
78.5	96.5	18/18	Box 2 Core intact & blocky 2" pieces. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White quartz veins with trace disseminated pyrite @ 88-88.1 & 89-89.1.	
96.5	115	18.5/18.5	Box 3 Core intact. Core broken @ 81-82 & 103.5-104. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis.	
115	133	18/18	Box 4 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis.	
133	150	16.5/17	Box 5 Core intact & blocky 2" pieces. Core rubbly @ 134-135 & 137-139. Core loss 0.5' @ 135-137. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Narrow quartz veins parallel to foliation with trace disseminated pyrite @ 140.9-142.	
150	166	16/16	Box 6 Core intact & blocky 2" pieces. Core fault gouged @ 163.4-163.5. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Small faults @ 150.6-152 & 161-163.5. Trace very fine grained disseminated pyrrhotite in fault @ 151.1.	
166	186	19.5/20	Core intact. Core broken @ 183-185 & 0.5' core loss. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Grey/white quartz vein with trace pyrite @ 175.5-177.8.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE # 96-5
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
186	203	16/17	Box 8 Core intact & blocky 2" pieces. Core broken @ 190-192.5 & 195-197 & 1' core loss @ 192-197. Soft noncalcareous dark grey/brown mottled biotite schist. Foliation 80° to core axis. Very narrow creamy white quartz carbonate stringers throughout.	
203	219	15.5/16	Box 9 Core intact. Core broken @ 203-207 & 0.5' core loss. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White foliaform quartz veins @ 214.2-214.3 & 217.5-217.6. Dark green massive well fractured chlorite schist with trace very fine grained disseminated pyrrhotite @ 206-208.5.	
219	237	18/18	Box 10 Core intact. Core broken @ 234-235. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White quartz veins with trace pyrite & pyrrhotite @ 226-227.5. White foliaform quartz veins @ 228-229 & 233.1-233.2. Sharp contact @ 235 with dark green massive poorly foliated chlorite schist with very fine grained pyrrhotite parallel to folia.	
237	254	17/17	Box 11 Core intact. Dark green massive poorly foliated chlorite schist with very fine grained pyrrhotite parallel to foliation. Contact @ 239 with soft noncalcareous dark grey/brown biotite schist cut by narrow creamy white quartz carbonate stringers.	
254	269	15/15	Box 12 Core intact & blocky 2"-4" pieces. Core fault gouged @ 255-256.5. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace very fine grained disseminated pyrrhotite on schist folia.	
269	284	15/15	Box 13 Core intact & blocky 2"-4". Fault gouged @ 283.5-283.6. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Small fault @ 283.5-284. Trace very fine grained disseminated pyrite throughout.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ LAT. _____ LONG. _____ HOLE # 96-5

AZIMUTH _____ DIP _____ CASING _____ DEPTH O/B _____ DEPTH _____ CORE SIZE _____

MINING DISTRICT _____ LOGGED BY _____ DATE DRILLED _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
284	307	15/23	Box 14 Core intact. Core broken & fault gouged & 8' lost @ 287-297. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Strong fault zone @ 287-297 with broken pebbly & gouged core. Core is bleached to light greenish/grey 2' in hangingwall & footwall of fault. White foliaform quartz vein with trace disseminated pyrrhotite @ 304-304.5.	
307	324	17/17	Box 15 Core intact. Core broken 313-314 & 315-315.5. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace disseminated very fine grained pyrite on schist folia.	
324	340	16/16	Box 16 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace very fine grained disseminated foliaform pyrrhotite. Narrow bands of medium green poorly foliated chlorite phyllite @ 330-331 & 333-334.	
340	358	18/18	Box 17 Core intact. Core broken & fault gouged @ 346-348.5. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Fault zone @ 346-348.5. Quartz vein with disseminated pyrrhotite @ 353-353.1.	
358	375.5	17.5/ 17.5	Box 18 Core intact & blocky 2"-4" pieces. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Core is fractured by a number of narrow white quartz carbonate stringers throughout. Grey quartz vein @ 368-368.1.	
375.5	397	18/21.5	Box 19 Core broken & rubbly throughout. fault gouge @ 389.1-389.2 & 379-380. Core loss of 1.5' @ 375.5-380 & 1.0' @ 389-395 & 1.0' @ 395-397. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. white foliaform quartz veins 2 381-381.1 & 388-389.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ **LAT.** _____ **LONG.** _____ **HOLE #** 96-5

AZIMUTH _____ **DIP** _____ **CASING** _____ **DEPTH O/B** _____ **DEPTH** _____ **CORE SIZE** _____

MINING DISTRICT _____ **LOGGED BY** _____ **DATE DRILLED** _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
397	415	17/18	Box 20 Core intact. Core rubbly @ 397-401 & 413-416. Core loss of 1.0' @ 401-407. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Narrow pyrite stringer parallel to core axis @ 403-404. Narrow white quartz carbonate vein @ 5° to core axis @ 407.5-411. White quartz vein @ 411-411.2 & 412-412.2. Fault zone @ 413-415.	
415	430	15/15	Box 21 Core blocky to rubbly. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White quartz vein @ 416.9-417.2 & 428.5-429. Narrow white quartz carbonate stringers 2 10° to core axis throughout. Trace pyrite on schist folia.	
430	447	17/17	Box 22 Core intact & blocky. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace pyrite on folia & in fracture fillings. White foliaform quartz vein @ 430.5-430.6. Quartz carbonate vein @ 10° to core axis @ 445-446. Quartz carbonate vein fault @ 446.5-446.7 with trace pyrite, this vein @ 45° to core axis.	
447	464	17/17	Box 23 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace pyrite on folia & in fracture fillings. White foliaform quartz vein @ 458-458.5 & 460.5-460.6.	
464	481.5	17.5/17.5	Box 24 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. No sulphides noted.	
481.5	499	17.5/17.5	Box 25 Core intact. Core rubbly & gouged @ 485-486. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. Trace pyrite in fracture fillings parallel to core axis @ 483-485. White & green quartz carbonate vein fault with pyrite @ 10° to core axis @ 485-486. Vein fault with trace pyrite @ 489.8-490.2 & core is rubbly & gouged. Gradational contact to soft medium green poorly foliated phyllite @ 498.5-499.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ **LAT.** _____ **LONG.** _____ **HOLE #** 96-5

AZIMUTH _____ **DIP** _____ **CASING** _____ **DEPTH O/B** _____ **DEPTH** _____ **CORE SIZE** _____

MINING DISTRICT _____ **LOGGED BY** _____ **DATE DRILLED** _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
499	517	18/18	Box 26 Core intact. Core broken & clay rich @ 516-517. Medium hard medium green poorly foliated phyllite. Cut by minor white quartz carbonate stringers @ 10° to core axis. Gradational contact to soft noncalcareous dark grey/brown biotite schist @ 510. Foliation 80° to core axis. Trace very fine grained disseminated pyrrhotite parallel to foliation. Possible fault zone @ 516-517.	
517	535	18/18	Box 27 Core intact. Core broken @ 517-521. Medium hard medium green phyllite with poor foliation. Sharp contact @ 521 to soft noncalcareous dark grey/ brown biotite schist. Foliation 80° to core axis. Trace disseminated pyrite. Sharp contact @ 528 to green phyllite.	
535	553	18/18	Box 28 Core intact. Medium hard medium green noncalcareous poorly foliated phyllite with minor white quartz carbonate stringers. Phyllite has up to 1% blebs & patches of pyrrhotite as fracture fillings @ 542. Contact @ 550 to soft noncalcareous dark grey/ brown biotite schist. Several white foliaform quartz veins @ 550-552.	
553	570	17/17	Box 29 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. white foliaform quartz vein @ 563-564.	
570	588.5	18.5/ 18.5	Box 30 Core intact. Core crushed & vein faulted @ 575-579. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White quartz carbonate vein fault zone with several veins @ 10° to core axis @ 575-580. White foliform quartz vein @ 583.5-583.6 & 587.9-588.	
588.5	600	11.5/ 11.5	Box 31 Core intact. Soft noncalcareous dark grey/brown biotite schist. Foliation 80° to core axis. White foliaform quartz vein @ 597-597.4. Trace disseminated pyrite & pyrrhotite on schist folia throughout.	

Recovery=525/540= 97.2%

END OF HOLE

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION Swim Lakes 08 612000E 6895625N 105-K-2 **LAT.** 62°10.6' **LONG.** 132°50.9' **HOLE #** 96-6

AZIMUTH N/A **DIP** -90° **CASING** 297' **DEPTH O/B** 297' **DEPTH** 600' **CORE SIZE** NQ

MINING DISTRICT Whitehorse **LOGGED BY** J. McFaull **DATE DRILLED** Mar 23,1996 Mar 26,1996

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
0	297	0	Glacial overburden.	
297	302	3/5	Box 1 Core blocky & rubbly & 2' core loss 300-302. Soft noncalcareous dark grey biotite schist. Foliation 80° to core axis. White foliaform quartz veins @ 297.1-297.2, 297.3-297.4 & 298.5-298.6. Minor crushed bedding faults @ 297.7-297.8 & 301-302.	
302	318	15/16	Box 2 Core blocky & 1' core loss @ 311-317. Soft noncalcareous greenish/ grey biotite schist. From 306-307 pebbles of granodiorite glacial till- bedrock from 297 must be broken up or boulders. White foliaform quartz vein with trace very fine grained disseminated pyrite & pyrrhotite @ 311-311.2. White foliaform quartz vein @ 315-315.2. Narrow stringers of pyrite @ 10° to core axis & very fine grained disseminated pyrrhotite on schist folia @ 307-318.	
318	339	14.5/ 21	Box 3 Core blocky & rubbly. Core loss of 5.5' @ 321.5-327 & 1' @ 327-333. Soft noncalcareous greenish/grey biotite schist. A strong fault zone @ 319.5 - 327 with crushed & pebbly core & large core loss. Gradational contact to light grey & black soft noncalcareous carbonaceous schist @ @ 328-329. Narrow bed of hard siliceous white & black carbonaceous quartzite with 0.25" band of massive fine grained pyrite parallel to foliation @ 337.5-338.5.	
339	356	17/17	Box 4 Core intact. Soft noncalcareous light grey/black carbonaceous schist. Foliation 80° to core axis. Gradational contact to soft non-calcareous dark grey/green biotite schist with minor carbon bands @ 343. Narrow bed of hard siliceous quartzite @ 348-349. Trace very fine grained disseminated pyrite on schist folia.	
356	371	15/15	Box 5 Core intact & blocky 2"-4" pieces. Soft noncalcareous dark grey biotite schist. Foliation 80° to core axis. Gradational contact from 370 with increasing bands of black carbonaceous schist. Trace very fine grained disseminated pyrite on schist folia throughout.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION		LAT.	LONG.	HOLE # 96-6
AZIMUTH	DIP	CASING	DEPTH O/B	DEPTH	CORE SIZE
MINING DISTRICT		LOGGED BY	DATE DRILLED	

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
371	388.5	17.5/ 17.5	Box 6 Core intact. Soft noncalcareous grey/black carbonaceous schist. Foliation 80° to core axis. Trace very fine grained disseminated pyrite on schist folia throughout.	
388.5	404	15.5/ 15.5	Box 7 Core intact. Soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Trace very fine grained disseminated pyrite throughout & narrow pyritic stringers throughout. Hard siliceous grey quartzite bed @ 391-392. Fault gouge @ 395-395.5.	
404	423	19/19	Box 8 Core intact. Soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Hard siliceous grey quartzite bed @ 419.8-420. Trace very fine grained disseminated pyrite on schist folia.	
423	441	18/18	Box 9 Core intact. Crushed fault gouge @ 423.5-423.6 & 429.5-430. Soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Trace very fine grained disseminated pyrite on schist folia.	
441	460	19/19	Box 10 Core intact. Soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Carbon layers grade out to less than 5% @ 446. Trace very fine grained disseminated pyrite on schist folia.	
460	479	19/19	Box 11 Core intact. Soft noncalcareous black/grey carbonaceous schist. Less than 10% graphite. Foliation 80° to core axis. Trace very fine grained disseminated pyrite on schist folia.	
479	499	20/20	Box 12 Core intact. Soft noncalcareous black/grey carbonaceous schist with less than 10% graphite.Foliation 80° to core axis. Trace very fine grained disseminated pyrite on schist folia.	
499	517	18/18	Box 13 Core intact. Core fault gouged 509.5-510. Soft noncalcareous black/grey carbonaceous schist with less than 10% graphite. Foliation 80° to core axis. Trace pyrite on schist folia.	

AUREX EXPLORATION
DIAMOND DRILL LOG

LOCATION _____ **LAT.** _____ **LONG.** _____ **HOLE #** 96-6

AZIMUTH _____ **DIP** _____ **CASING** _____ **DEPTH O/B** _____ **DEPTH** _____ **CORE SIZE** _____

MINING DISTRICT _____ **LOGGED BY** _____ **DATE DRILLED** _____

FOOTAGE FROM	TO	RCY	GEOLOGICAL DESCRIPTION	ASSAYS
517	536	19/19	Box 14 Core intact. Core fault gouged @ 519-521. Soft noncalcareous black/grey carbonaceous schist with less than 10% graphite. Foliation 80° to core axis. Trace pyrite on schist folia.	
536	554	18/18	Box 15 Core intact. Soft noncalcareous black/grey carbonaceous schist with less than 10% graphite. Foliation 80° to core axis. Trace pyrite on schist folia.	
554	572	18/18	Box 16 Core intact. Core is rubbly @ 568-572. Soft noncalcareous blck/grey carbonaceous schist with less than 10% graphite. Foliation 80° to core axis. Trace pyrite on schist folia. Contact @ 562 to medium hard siliceous dark greenish grey weakly foliated calc silicate. Trace pyrite stringers @ 569.5. White foliaform quartz vein with trace pyrite @ 566-567.	
572	588	16/16	Box 17 Core intact. Core broken @ 585-587. Medium hard siliceous dark greenish grey weakly foliated calc silicate. Contact @ 573 to soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Trace very fine grained disseminated pyrite on schist folia. Graphite content variable 1-10%.	
588	600	12/12	Core intact. Fault gouge 589-591. Soft noncalcareous black/grey carbonaceous schist. Foliation 80° to core axis. Graphite content increasing to 80% @ 590. Trace very fine grained disseminated pyrite on schist folia.	

END OF HOLE

Recovery= 293.5/303= 96.9%.

96-2 EASTING 08 616414 E NORTHING 6895925 N

0-130 OVERBURDEN

130-428 Soft grey non calcareous biotite schist
Foliation 70-75° to core axis
Minor patches of pink andalusite(?).
Minor narrow white quartz carbonate stringers throughout at all angles.
Several small zones of brown/bronze weathering black mineral possibly sphalerite or biotite(?) @ 266-267, 333-344
344.3-344.4, 346-346.5 362.1-362.2
At 412-413 narrow bands of massive very fine grained pyrite & pyrrhotite - largest band ± 2 inches

428-497 Hard siliceous garnetiferous white medium grained aplite

497-600 Granodiorite.

470 FEET RECOVERED 100% CORE RECOVERY

END OF HOLE

96-3 EASTING OF 616197E NORTHING 6895177 N

0 - 140 OVERBURDEN

140 - 600 Soft non calcareous dark grey / brown biotite schist
Foliation 75° to core axis
Trace very fine grained disseminated and fracture filling pyrite. Disseminated pyrite parallels foliation.
Minor hard siliceous bands of calc silicate throughout.
Core is heavily faulted with some core loss from 140'-600'

434 FEET RECOVERED FROM 460 DRILLED 94.4% CORE RECOVERY

End of hole

96-4 EASTING OF 6154462E NORTHING 6894910N

0 - 102 OVERBURDEN

102 - 383 Soft noncalcareous mottled dark grey / brown biotite schist.
Foliation 75° to core axis.
Trace to 1% very fine grained foliaform pyrite & pyrrhotite
Trace foliaform galena (?) @ 113'
A number of small fault zones throughout

383 - 425 Gradational contact with medium green & brown hard poorly foliated calc-silicate
Trace very fine grained disseminated pyrrhotite.

425 - 436 Gradational contact with soft to moderately hard noncalcareous dark grey / brown biotite schist
Foliation 75° to core axis.
Trace very fine grained disseminated pyrrhotite.

436 - 600 Gradational contact to calc-silicate. Hard siliceous dark grey / brown poorly foliated.
Trace of very fine grained pyrrhotite & pyrite disseminated throughout.
Better mineralized zones (still trace only) @ 497-517
545-551, 554-555 555-573

End of Hole

498 FEET RECOVERED 100% CORE RECOVERY

96-5 EASTING 08 613950 E NORTHING 6895975N

0-60 OVERBURDEN

60-235 Soft non calcareous dark grey/brown biotite schist
Foliation 80° to core axis
Trace pyrite in narrow quartz stringers throughout

235-239 Dark green massive poorly foliated chlorite schist
Trace very fine grained pyrrhotite parallel to foliation.

239-498.5 Soft non calcareous biotite schist
Foliation 80° to core axis.
Small faults present throughout
Trace very fine grained disseminated pyrite throughout

498.5-510 Soft non calcareous medium green poorly foliated phyllite

510-517 BIOTITE SCHIST TRACE VERY FINE GRAINED PYRRHOTITE

517-521 MEDIUM HARD green non calcareous poorly foliated phyllite

521-528 Biotite schist Trace disseminated pyrite

528-550 Phyllite

550-600 Biotite schist

End of hole

525 FEET RECOVERED FROM 540 DRILLED 97.2% CORE RECOVERY

96-6 EASTING 08 613867 E NORTHING 6895136 N

0 - 297 OVERBURDEN

297 - 328 Soft non calcareous grey biotite schist
Foliation 80° to core axis
Trace disseminated very fine grained pyrrhotite on foliation
Trace pyrite in narrow stringers.

328 - 343 Gradational contact to light grey and black non calcareous carbonaceous schist
Foliation 80° to core axis

343 - 370 Soft, non calcareous dark grey biotite schist with minor carbonaceous bands.
Foliation 80° to core axis

370 - 562 Gradational contact to increasing bands of black carbonaceous schist interleaved with the biotite schist
Trace very fine grained pyrite disseminated and as narrow stringers throughout.
Occasional very narrow beds of hard siliceous grey quartzite.

562 - 573 Medium hard siliceous dark green weakly foliated calc silicate

573 - 600 Soft non calcareous black/grey carbonaceous schist
Carbon content variable 1-10% increasing to 80% @ 588 - 600
Trace pyrite disseminations

295.5 FEET RECOVERED FROM 303 FEET DRILLED 98.5% RECOVERY

End of hole