Diamond Drill Record

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COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
~~NORTH~~ South 12+00				
EAST 64+00	104+00E			-90
ELEVATION				
LOGGED BY F. Foster				
DATE LOGGED				
MAP REFERENCE NO. 105K-6		METHOD:		

COMPANY NAME WELCOME NORTH MINES LTD. - VANGORDA PROJECT
PROPERTY NAME IRENE
DRILLING CONTRACTOR CANADIAN LONGYEAR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 6VI-1
CLAIM NAME ~~IRENE~~
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
0	35	10.7	Overburden.											
35	34.1 112	90	1D4, silvery-white on partings, 1/8 to 1/4" andalusite elongate // to											
		ICD	foliation, (S_2?), musc > bio., qtz. knots absent, limonite staining											
		VIPLAMS	on some fractures more prevalent near top of hole, laminations of											
			andalusite and qtz up to 1/4" often disrupted, bio. inc. from 87'											
			to 112".											
112	39.0 128	100	1D8, laminations 2 mm→1/4", fairly homogeneous in nature, dark											
			green (chlorite-andalusite) clots, some limonite staining on fractures.											
128	50.9 167	100	1D4, same as above 1D4, except ankerite in fractures, greater conc.											
			of andalusite (clustering in 1/8"→1/4" bands), purple garnet noted											
			in qtz knots (.5 mm), blue-qtz laminations up to 1/4".											
167	52.4 172	100	1D8, high musc. content, silvery-green partings showing clustered											
			andalusite predominately clotted (1/4" to 1/2").											
172	53.6 176	100	1D4, same as above.											
176	62.5 205	100	1D6, chlor.> musc. = bio., hairline partings of yellow musc?, clots											
			(elongate) of andalusite and qtz 1/4→1/2" sometimes forming bands.											
205	68.6 225	100	1D6, musc >chlor. = bio., ankerite on frac. and partings, 1/4→1/2" anda	usite										
			(mostly 1/4"), lamin. 1/8→1/4".											

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NORTH ~~XXXX~~ South 12+00		FOOTAGE	AZIMUTH	DIP
EAST 64+00				-70
ELEVATION				
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DATE LOGGED				
MAP REFERENCE NO. 105K-6		METHOD:		

COMPANY NAME WELCOME NORTH MINES LTD. - VANGORDA PROJECT
PROPERTY NAME IRENE
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PURPOSE OF HOLE

HOLE NO. 6VI-1
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
225	84.1 276	100	1E graphitic 1E5, ankerite in frac., also assoc. with qtz knots, abundant pyrite (~10%) in qtz knots, strongly graph, lamin. of qtz and graph-											
			phyll. varying from 1 mm →3 mm, some pyrite in graphitic sections											
			in small clots (2→5%), badly broken with graphitic sections quite											
			friable, slightly calc. near 276'. S_2 lightly contorted.											
			6" →12" qtz knots.											
276	89.9 295	100	1D8, well developed andalusite, regular shape clustering sometimes											
			in a coarse layering (1/4 →1/2"), chloritic groundmass altering											
			to ? epidote?, clots 1/2" to 1 1/4" in size biotite absent,											
			ankerite? along frac. and partings.											
295	102.1 335	100	1EG, ankerite along frac. and partings, bands (up to 2") of qtz											
			graphic + marble and graph phyll. (up to 1' wide), marble bands (up to 5'), marble											
			bands consist of interlaminated micaceous and limy layers often											
			siliceous of thickness (2 mm →1/2").											
			Some limy layers contain yellow ankerite?, sometimes ankerite											
			forms vugs but just in fractures, <2% pyrite as smears in graph.											
			partings and small clots in qtz knots, laminations are often											
			disrupted.											

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~~NORTH~~ South 12+00			
EAST 64+00			
ELEVATION			
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DATE LOGGED			
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HOLE NO. 6V1-1
CLAIM NAME IRENE
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PROJECT NO.

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
335	172.5 566	100	IEG, ~~qtz knots are not as intense as above, interbanded limestone-~~ marble and graphitic schist, gradational contacts with marble bands becoming graphitic, bands up to 25' thick some ankerite filling frac., med. blue-grey marble bands consist of 1 mm →3mm laminations of qtz and limestone, veined with ≈ 1/8" yellow calc. and qtz and often contain massive pyrite cores, pyrite also occurs irregularly in marble as laminations (up to 1 mm), laminations alternate l→d grey, darker grey lamin. containing mica and carbonaceous material, marble lamin. sometimes look sugary. Graphitic bands up to 20' composed of d-grey graphitic schist with 1 mm to 1/4" silic. and limy alternating lamin. qtz knots up to 2", pyrite dissem. and sometimes conc. in 1 mm laminations, pyrite in places altering to limonite, overall pyrite content (?) due to extreme hetrogeneity (probably 2→5%).											
566	175.9 577	100	ID8, similar to 276→295'.											
577	191.1 627	100	ID2, gradational contact, pyrite on S_2 (smeared out), abundant micaceous minerals, sinuous micaceous partings, med. silvery blue-grey colour, variable andalusite content, bio = musc(?), ankerite inclusions in qtz lamin. and inclusions, lamin. vary from ≤ 1 mm →1/4" often discontinuous. Chiastolite as clusters, very silic. in places. Ankerite also occurs in small discontinuous veins. Andalusites cluster into silic. laminations.											X

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NORTH ~~XXXX~~ South 12+00
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HOLE SURVEY	FOOTAGE	AZIMUTH	DIP
			-90
METHOD:			

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
627	195.4 641	100	1E1, dark grey colour with lighter grey lamin. containing d. grey inclusions. dark grey lamin 1→3 mm containing tiny blue-white inclusions, dark brown lamin. up to 1 mm composed of biotite, light grey lamin. composed mainly qtz, 2% pyrite smeared on S_2											
641	199.6 655	100	1G0, bands up to 1' of sugary, blue-grey lim. containing 1/16→1/2" d. grey lamin. (most likely micaceous), darker bands (up to 6") containing pyrite inclusions up to 1/16", d. grey→black inclusions of andal. (?), bands are very siliceous											
655	204.8 672	100	1E1, hairline frac. of pyrite and yellow qtz, pyrite smeared on S_2, milky white qtz up to 2" bands, lamin. of graph scist 1 mm→3 mm.											
672	214.6 704	100	1D2, same as 577-627											X
704	713	100	1E1, badly broken, pyrite up to 5%, ankerite filled fractures											
	217.3		END OF HOLE											

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HOLE SURVEY		
FOOTAGE	AZIMUTH	DIP
		90
METHOD:		

COMPANY NAME WELCOME NORTH MINES LTD. - VANGORDA PROJECT
PROPERTY NAME IRENE
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HOLE NO. 6VI-2
CLAIM NAME IRENE
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
0	85	25.9	Overburden. Casing in overburden.											
banded schist - minor marble	85 32.9 108	100	1D2, silver grey with limonite partings and 1/4-1" infrequent qtz bands. Restricted 2-6" marble bands of sugary texture and grey white colour; minor red biotite bands and clots within. Limonite gouge at 101'.											
marble	108 43.6 143	100	1G0, grey white limestone and qtz marble with contorted S_2 laminations of chlorite and biotite 1 mm - 4 mm thick. Sometimes sugary texture.											
banded schist	143 45.1 148	100	1D5, silver coloured partings with limonite. 1/4 - 3/4" qtz bands. Rock very soft and friable, and absent.											
marble	148 46.9 154	85	1G0, limonite on fractures, yellow calcite qtz veining. Some chlorite phyllite sections near 154.											
banded schist	154 52.1 171	60	1D5, badly broken core, gouge. Laminations up to 1/4". Gouge 161-3. Core very friable, limy.											
marble + graphitic	171 52.7 173	100	1E3, 1 mm laminations of calcite in between thicker up to 1" bands of graphitic phyllite.											
calc. + schist	173 59.1 194	50	1D3, gouge and broken core. Limonite on fractures. Core very friable. Yellow calcite veining.											
marble	194 60.0 197	100	1G5. 1" biotite bands.											

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FOOTAGE	AZIMUTH	DIP
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
siliceous graphitic 197	108.5 356	100	1E1, laminations of qtz 1 mm - 5 mm and laminations of graphitic phyllite 1 mm - 5 mm. S_2 contorted. Pyrite and pyrrhotite content 5%. Pyrite concentrating as smears on S_2 cleavage planes within the graphitic phyllite and as disseminations (fg) which sometimes gather into small clots (1/4") in the qtz laminations. Sulphides sometimes concentrated in thin 1/16 - 1/8" cross cutting qtz veins. Vugs present in minor amounts. Pyrite never seen as cg euhedral crystals; always vfg clusters.										
marble + graphitic 356	111.9 367	100	1EG, 5% pyrite. Banding not as well developed as above. Infrequent marble bands 1/2" thick, calcite veins cross-cutting S_2, thickness 2 ml.											
marble 367	123.1 404	100	1GO micaceous bands brownish-gray and sometimes fragmented up to 1/2" thick, embedded in sugary texture gray white limestone. Hairline fractures crosscutting S_2 contain yellowish white calcite. Subrounded clasts? imbedded in the limestone possibly of original bedding origin. Clasts are up to 1/2" in diameter and appear to be of the same composition as the micaceous bands, however some clasts appear to be just limestone.											
marble + graphitic 404	125.6 412	100	1EG, 1GO, grading to 1ES, hairline fractures with ankerite coatings, (yellow calcite)											
calcareous graphitic phyllite 412	127.1 417	80	1E3, limonite staining on fractures, qtz veining with limonite and some pyrite, graphitic laminations 1 ml-6 ml., quartz laminations 1 ml-1/2".											

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS				Stl	Gn	Chs
417	129.2 424	100	1D5, siliceous laminated, 1% pyrite occuring in hairline qtz veins.											
			No andalusite.											
424	161.5 530	100	1D2, slightly graphitic and more schistose looking than phyllitic.											
			1/4-1/8" micaceous bands and qtz chlorite bands. Pyrite present											
			at less than 2% as blebs and smears on cleavage plans. Rock is											
			very homogeneous with very little qtz knots ??											
530	580	90	2D6, core broken in last 30 feet. Blue grey bands with brown red											
	170.4		biotite laminations 1 mm - 4 mm. Green grey bands with same.											
			END OF HOLE											